

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021178.D
 Acq On : 12 Feb 2025 12:35
 Operator : SY/MD
 Sample : VY0212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 03:47:23 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	7.713	168	138642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	217538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	189924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	93219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	73849	51.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.980%
35) Dibromofluoromethane	7.640	113	67965	48.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.109	98	256400	48.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.414	95	86288	49.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	18286	14.798	ug/l	93
3) Chloromethane	2.074	50	16607	13.620	ug/l	99
4) Vinyl Chloride	2.208	62	16742	13.641	ug/l	97
5) Bromomethane	2.598	94	10800	14.238	ug/l	97
6) Chloroethane	2.739	64	10982	15.032	ug/l	93
7) Trichlorofluoromethane	3.068	101	35402	15.833	ug/l	97
8) Diethyl Ether	3.464	74	12200	17.478	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	23635	16.842	ug/l	96
10) Methyl Iodide	4.013	142	21614	13.864	ug/l	91
11) Tert butyl alcohol	4.872	59	11276	117.140	ug/l #	84
12) 1,1-Dichloroethene	3.799	96	19724	14.921	ug/l	91
13) Acrolein	3.665	56	13370	90.197	ug/l	95
14) Allyl chloride	4.391	41	36642	16.447	ug/l	94
15) Acrylonitrile	5.067	53	28723	98.818	ug/l	96
16) Acetone	3.879	43	22448	101.335	ug/l	95
17) Carbon Disulfide	4.110	76	42459	10.243	ug/l	99
18) Methyl Acetate	4.403	43	15616	20.081	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	65175	19.506	ug/l	97
20) Methylene Chloride	4.622	84	23475	17.047	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	22313	15.334	ug/l	92
22) Diisopropyl ether	6.031	45	87958	19.154	ug/l	96
23) Vinyl Acetate	5.970	43	246718	96.376	ug/l	98
24) 1,1-Dichloroethane	5.927	63	48014	17.846	ug/l	98
25) 2-Butanone	6.902	43	38347	105.342	ug/l	94
26) 2,2-Dichloropropane	6.896	77	45312	18.201	ug/l	96
27) cis-1,2-Dichloroethene	6.902	96	29185	17.425	ug/l	93
28) Bromochloromethane	7.256	49	20506	19.274	ug/l	98
29) Tetrahydrofuran	7.274	42	24875	100.986	ug/l	97
30) Chloroform	7.433	83	50586	18.305	ug/l	99
31) Cyclohexane	7.713	56	35844	14.794	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	45988	17.899	ug/l	99
36) 1,1-Dichloropropene	7.841	75	33013	15.987	ug/l	98
37) Ethyl Acetate	6.988	43	18379	20.289	ug/l	98
38) Carbon Tetrachloride	7.823	117	41735	17.297	ug/l	97
39) Methylcyclohexane	9.115	83	37241	14.744	ug/l	93
40) Benzene	8.085	78	103225	17.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	10018	19.115	ug/l	96
42) 1,2-Dichloroethane	8.164	62	30993	18.437	ug/l	97
43) Isopropyl Acetate	8.201	43	36683	20.380	ug/l #	82
44) Trichloroethene	8.872	130	25458	16.261	ug/l	99
45) 1,2-Dichloropropane	9.146	63	27179	18.896	ug/l	98
46) Dibromomethane	9.237	93	14357	18.028	ug/l	96
47) Bromodichloromethane	9.426	83	40751	19.080	ug/l	100
48) Methyl methacrylate	9.225	41	16330	19.917	ug/l	93
49) 1,4-Dioxane	9.237	88	3033	409.115	ug/l	88
51) 4-Methyl-2-Pentanone	10.005	43	96181	106.259	ug/l	97
52) Toluene	10.176	92	64938	17.066	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	35965	18.753	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	41249	18.166	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	20336	19.720	ug/l	94
56) Ethyl methacrylate	10.444	69	26827	19.446	ug/l	90
57) 1,3-Dichloropropane	10.719	76	34626	19.399	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	66582	101.446	ug/l	100
59) 2-Hexanone	10.768	43	61809	106.056	ug/l	96
60) Dibromochloromethane	10.914	129	27031	18.665	ug/l	99
61) 1,2-Dibromoethane	11.024	107	18030	18.666	ug/l	97
64) Tetrachloroethene	10.652	164	22465	15.934	ug/l	97
65) Chlorobenzene	11.450	112	74746	17.675	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	28095	18.694	ug/l	96
67) Ethyl Benzene	11.524	91	129466	17.308	ug/l	97
68) m/p-Xylenes	11.633	106	97875	34.977	ug/l	99
69) o-Xylene	11.956	106	45697	17.516	ug/l	95
70) Styrene	11.975	104	79153	18.204	ug/l	99
71) Bromoform	12.139	173	16584	19.825	ug/l #	97
73) Isopropylbenzene	12.261	105	125098	17.180	ug/l	99
74) N-amyl acetate	12.078	43	30562	19.197	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	23867	19.708	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	30925	36.571	ug/l #	100
77) Bromobenzene	12.536	156	29897	17.792	ug/l	93
78) n-propylbenzene	12.603	91	150698	17.373	ug/l	99
79) 2-Chlorotoluene	12.682	91	88204	17.754	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	104009	17.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	8116	19.584	ug/l	97
82) 4-Chlorotoluene	12.779	91	89638	17.709	ug/l	100
83) tert-Butylbenzene	13.005	119	94076	17.531	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	101777	17.631	ug/l	98
85) sec-Butylbenzene	13.182	105	137496	17.800	ug/l	99
86) p-Isopropyltoluene	13.298	119	112941	17.601	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	58304	17.970	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	58675	18.367	ug/l	99
89) n-Butylbenzene	13.621	91	102435	17.499	ug/l	99
90) Hexachloroethane	13.883	117	23942	17.886	ug/l	88
91) 1,2-Dichlorobenzene	13.663	146	51914	18.435	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3702	20.456	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	27628	17.625	ug/l	98
94) Hexachlorobutadiene	15.029	225	18538	17.846	ug/l	96
95) Naphthalene	15.151	128	48985	19.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	24482	18.767	ug/l	98

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ClientSampleId :

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

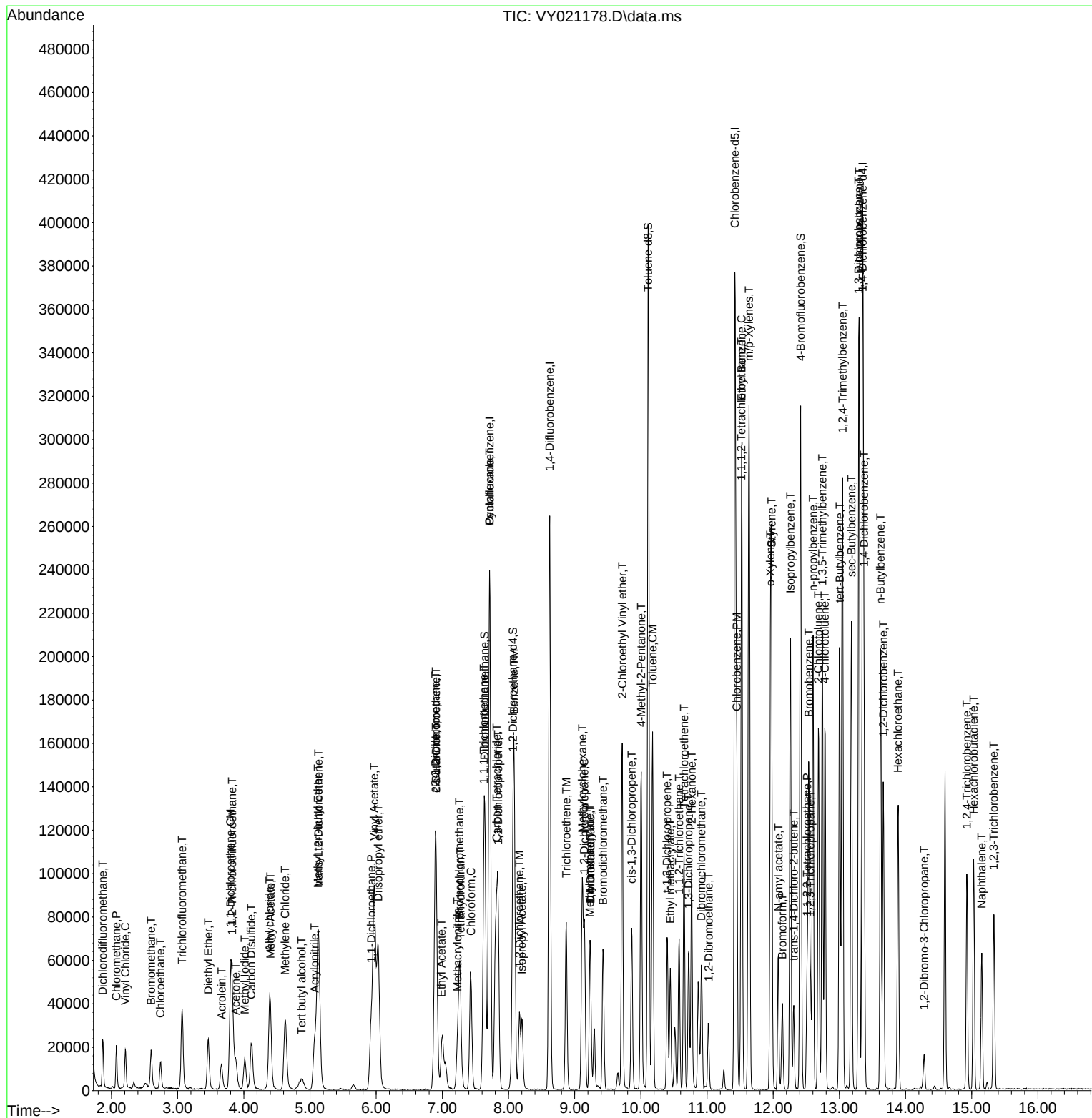
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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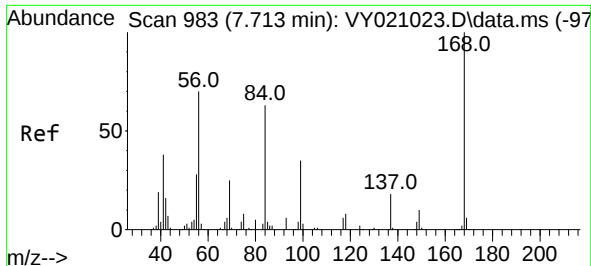
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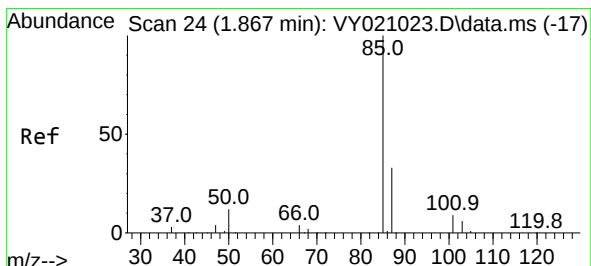
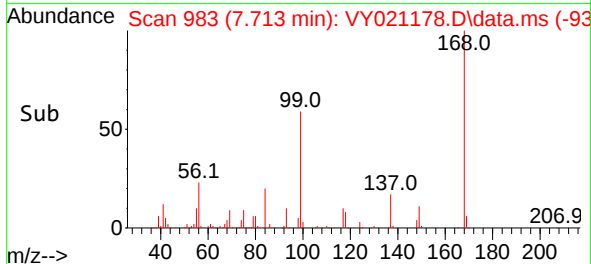
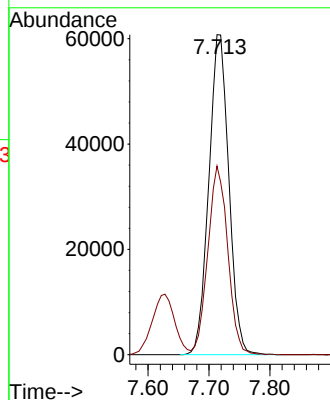
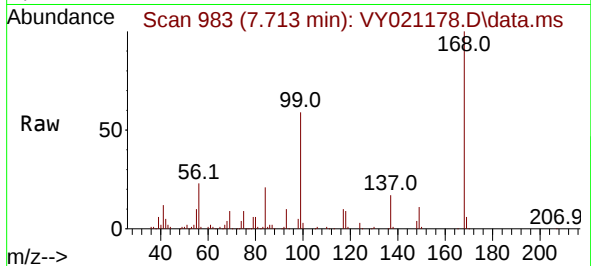




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021178.D
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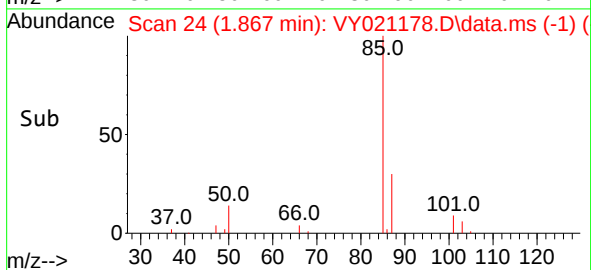
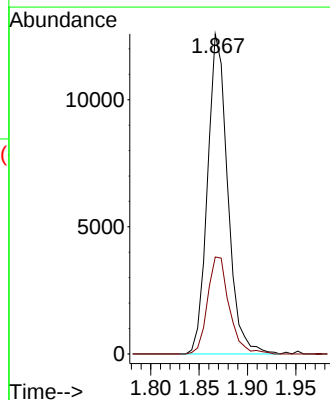
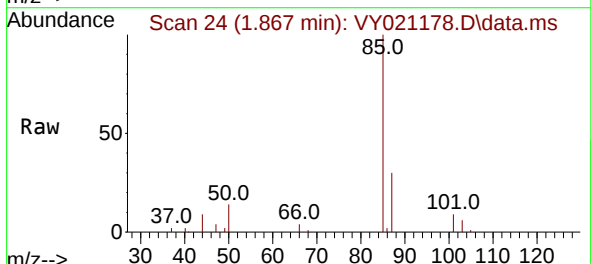
Instrument :
MSVOA_Y
ClientSampleId :

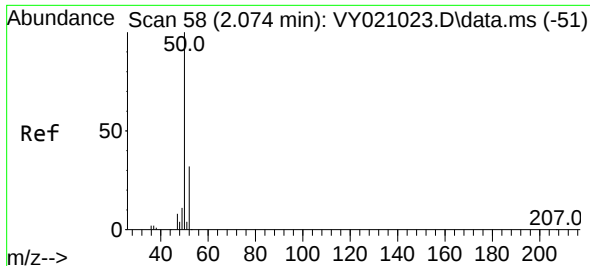
Tgt Ion:168 Resp: 138642
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 14.798 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 85 Resp: 18286
Ion Ratio Lower Upper
85 100
87 30.3 17.1 51.3

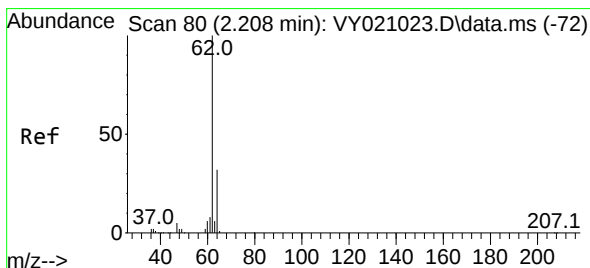
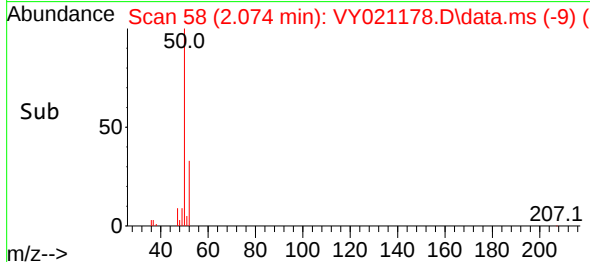
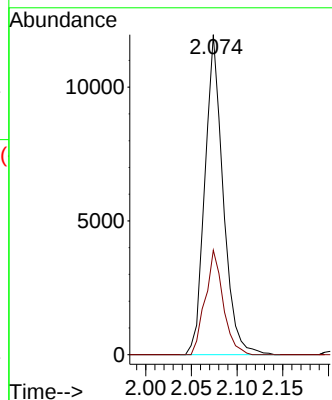
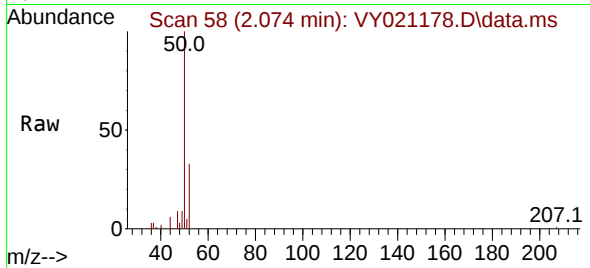




#3
Chloromethane
Concen: 13.620 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

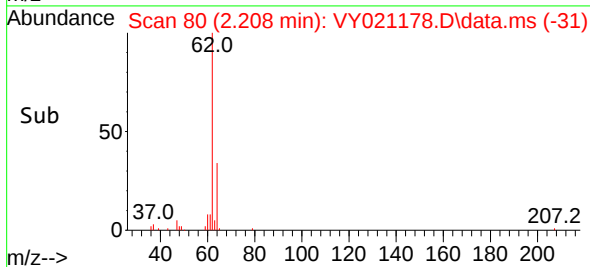
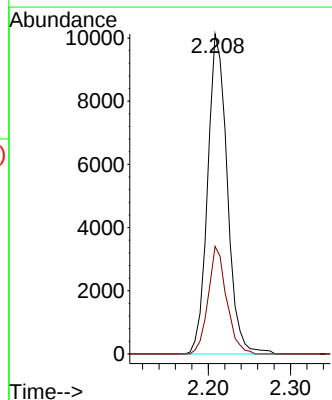
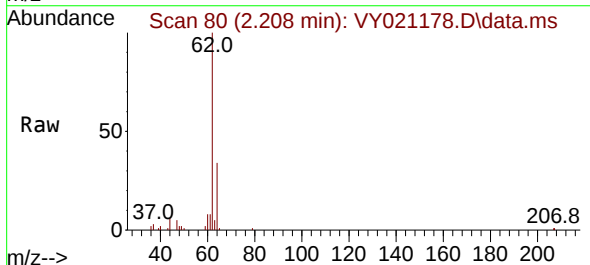
Instrument :
MSVOA_Y
ClientSampleId :

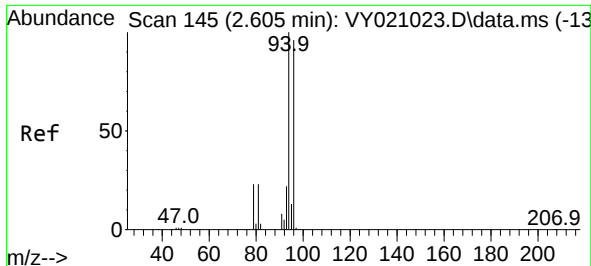
Tgt Ion: 50 Resp: 16607
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 13.641 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 62 Resp: 16742
Ion Ratio Lower Upper
62 100
64 33.6 25.7 38.5

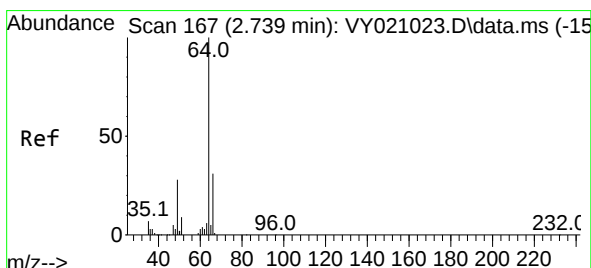
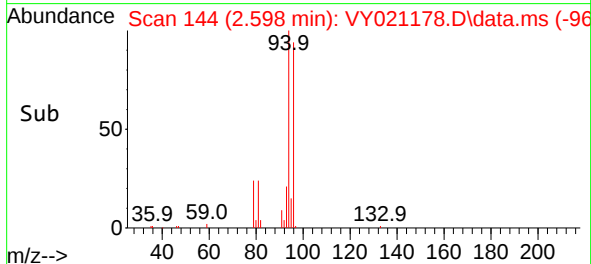
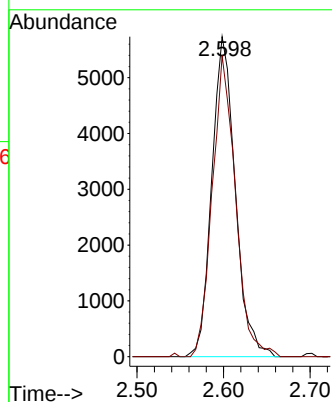
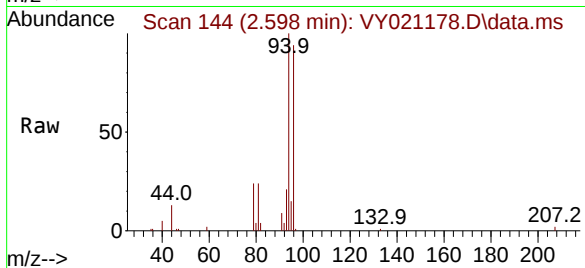




#5
Bromomethane
Concen: 14.238 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

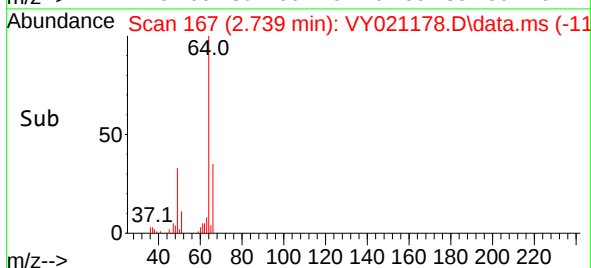
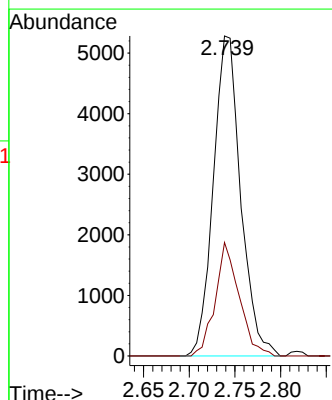
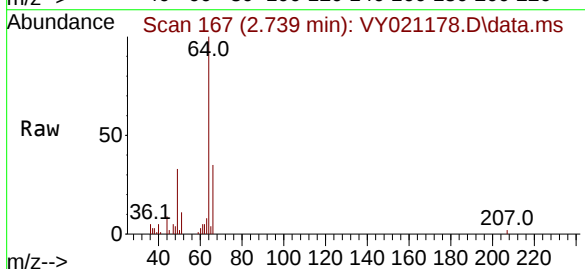
Instrument :
MSVOA_Y
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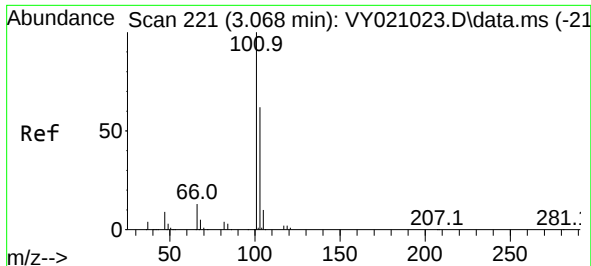
Tgt Ion: 94 Resp: 10800
Ion Ratio Lower Upper
94 100
96 94.1 77.3 115.9



#6
Chloroethane
Concen: 15.032 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 64 Resp: 10982
Ion Ratio Lower Upper
64 100
66 35.5 25.1 37.7

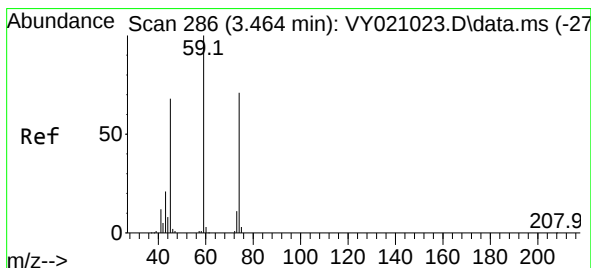
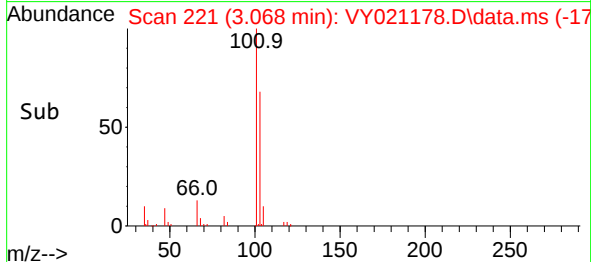
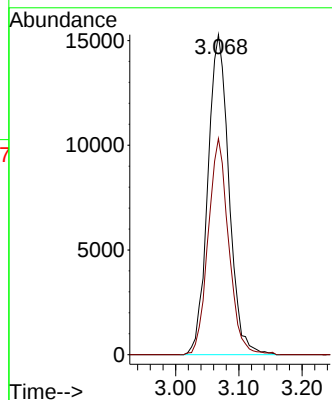
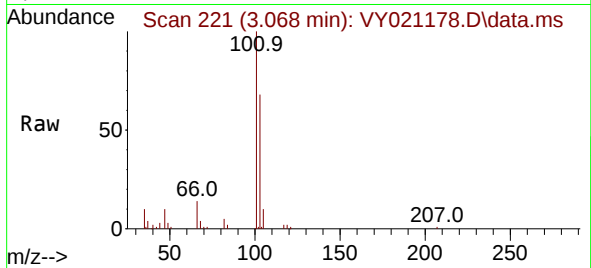




#7
Trichlorofluoromethane
Concen: 15.833 ug/l
RT: 3.068 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

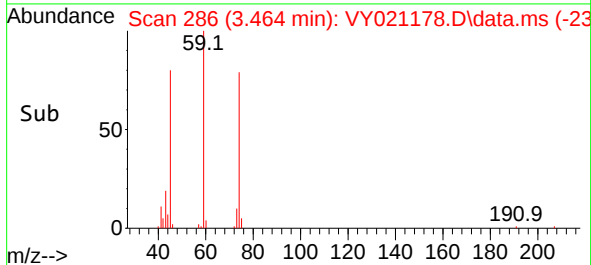
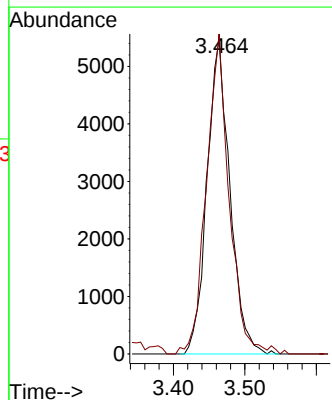
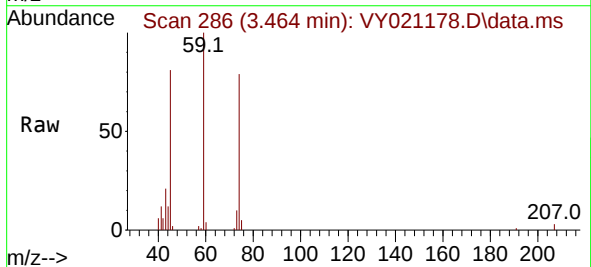
Instrument :
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ClientSampleId :

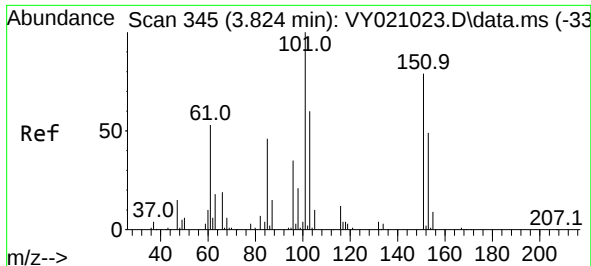
Tgt Ion:101 Resp: 35402
Ion Ratio Lower Upper
101 100
103 67.6 51.9 77.9



#8
Diethyl Ether
Concen: 17.478 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021178.D
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Tgt Ion: 74 Resp: 12200
Ion Ratio Lower Upper
74 100
45 100.9 47.9 143.7

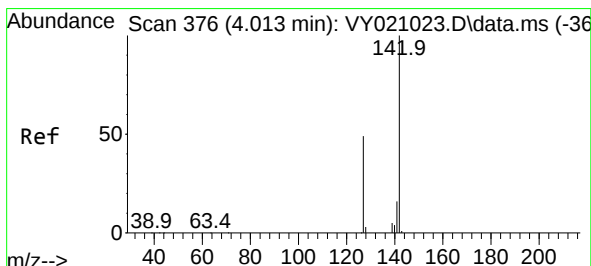
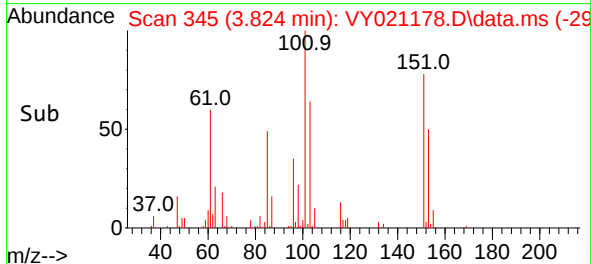
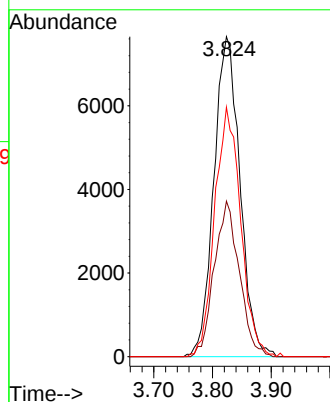
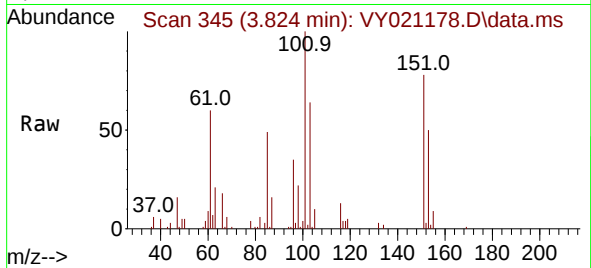




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.842 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

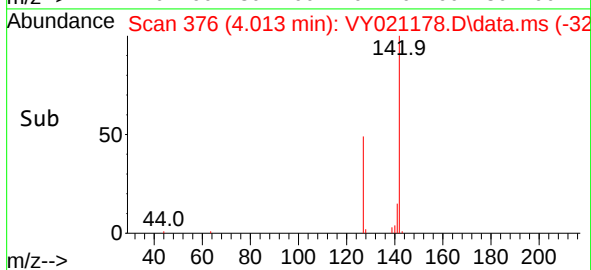
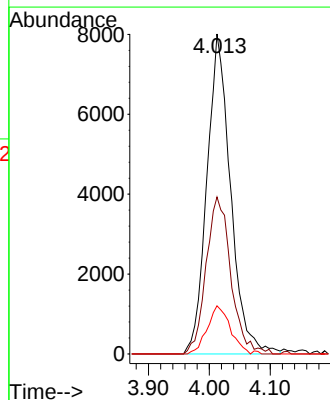
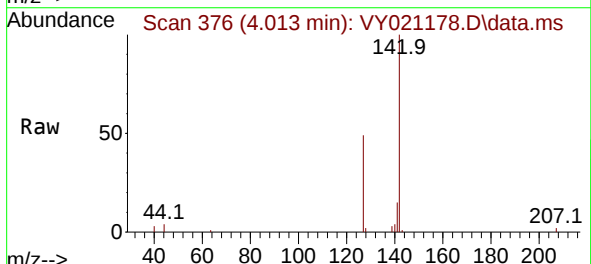
Instrument :
MSVOA_Y
ClientSampleId :

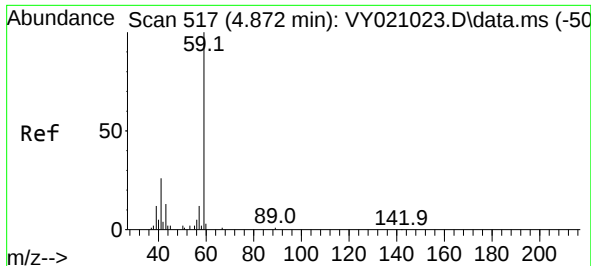
Tgt Ion:101 Resp: 23635
Ion Ratio Lower Upper
101 100
85 46.6 35.8 53.6
151 77.6 58.6 88.0



#10
Methyl Iodide
Concen: 13.864 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion:142 Resp: 21614
Ion Ratio Lower Upper
142 100
127 51.4 35.1 52.7
141 14.6 11.8 17.6

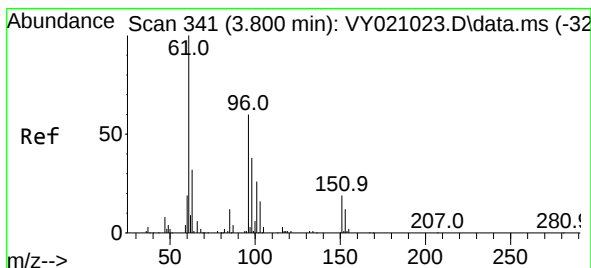
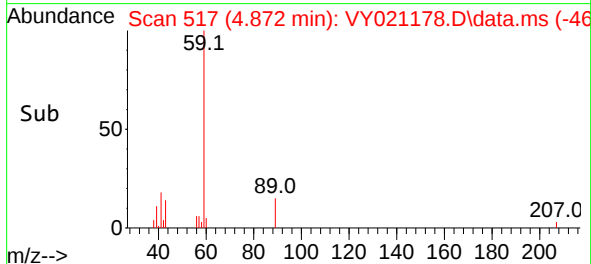
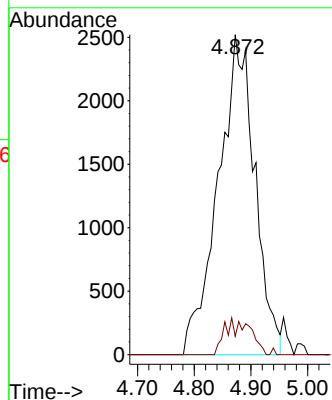
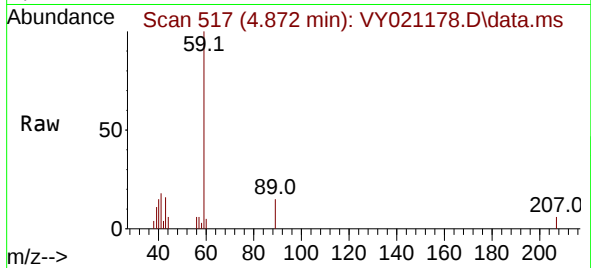




#11
Tert butyl alcohol
Concen: 117.140 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

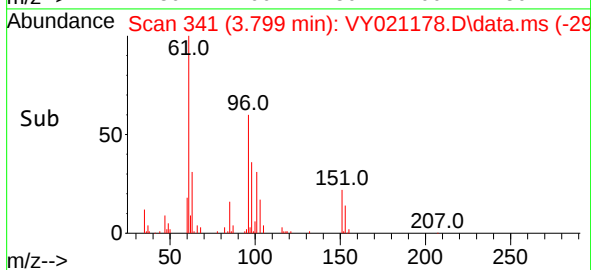
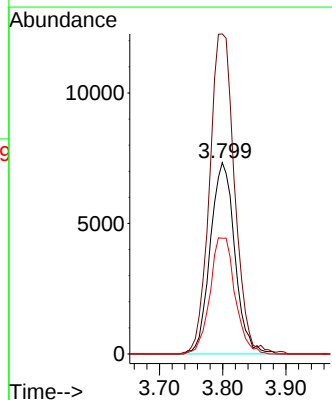
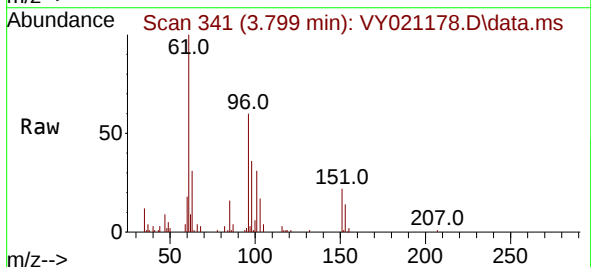
Instrument :
MSVOA_Y
ClientSampleId :

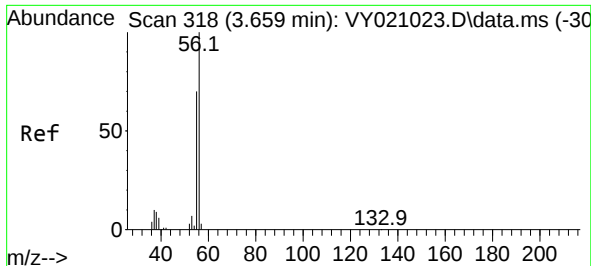
Tgt Ion: 59 Resp: 11276
Ion Ratio Lower Upper
59 100
57 3.4 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 14.921 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 96 Resp: 19724
Ion Ratio Lower Upper
96 100
61 167.2 124.2 186.2
98 60.5 52.6 79.0





#13

Acrolein

Concen: 90.197 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

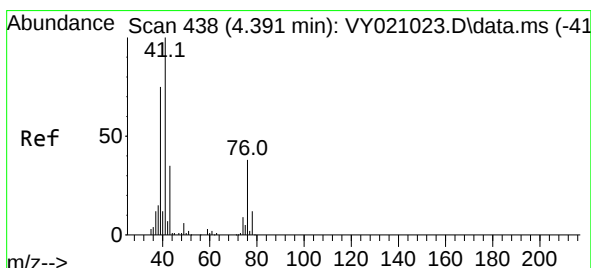
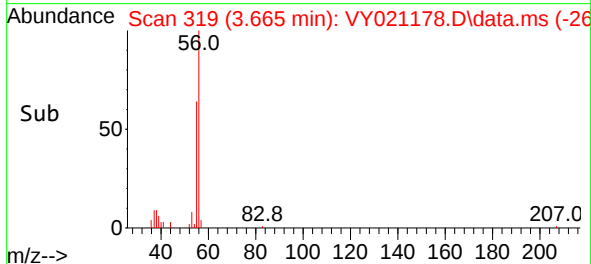
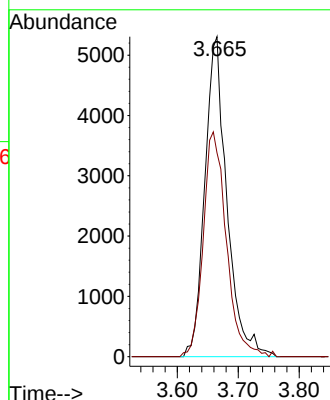
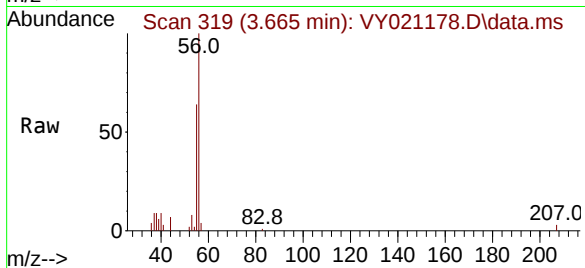
ClientSampleId :

Tgt Ion: 56 Resp: 13370

Ion Ratio Lower Upper

56 100

55 73.4 55.4 83.0



#14

Allyl chloride

Concen: 16.447 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

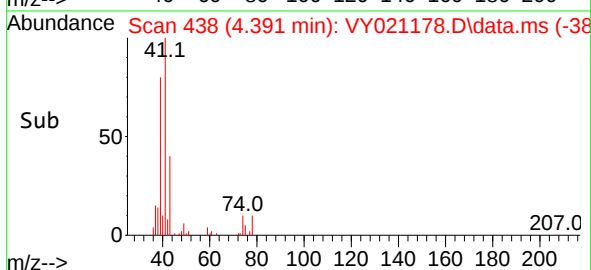
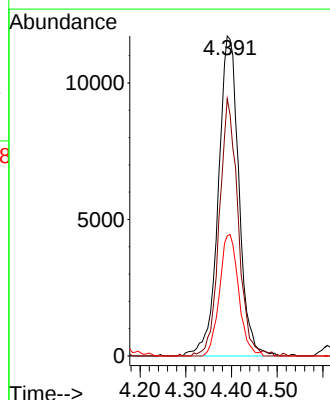
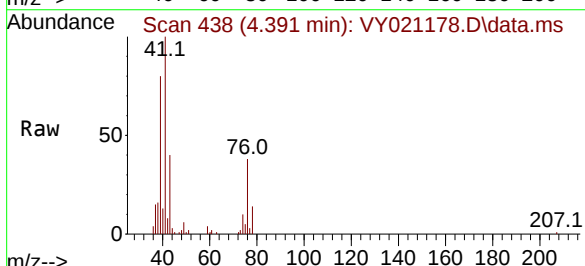
Tgt Ion: 41 Resp: 36642

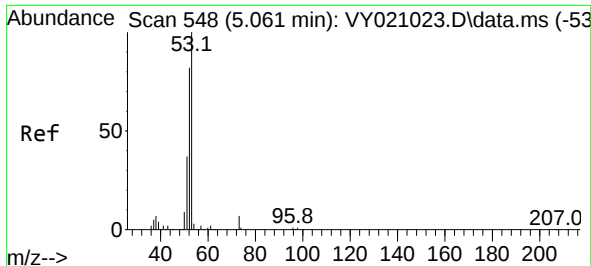
Ion Ratio Lower Upper

41 100

39 73.3 54.7 82.1

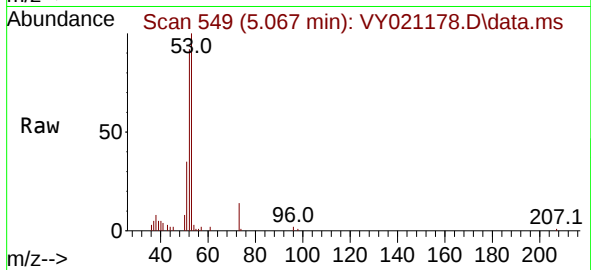
76 35.4 31.8 47.6



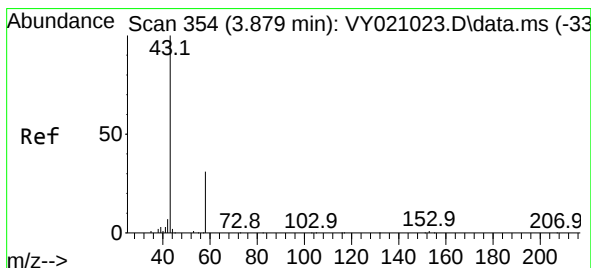
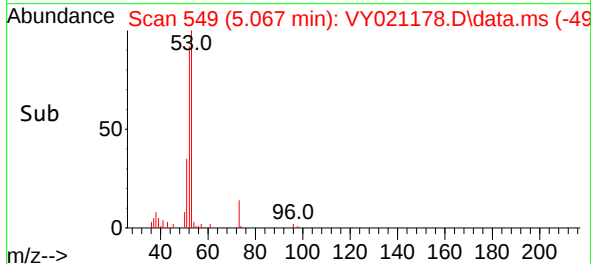
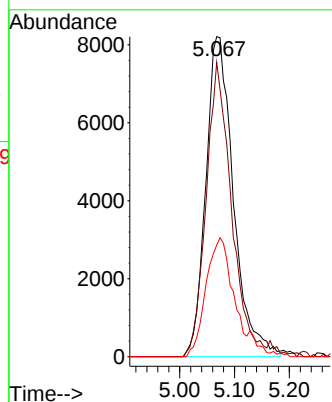


#15
Acrylonitrile
Concen: 98.818 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Instrument :
MSVOA_Y
ClientSampleId :

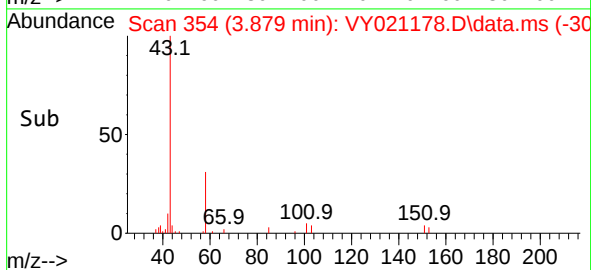
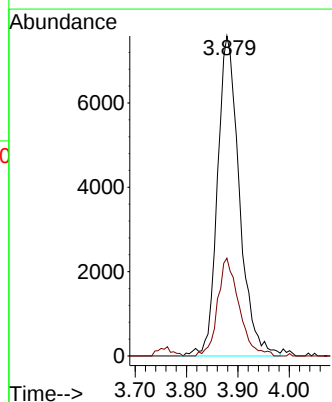
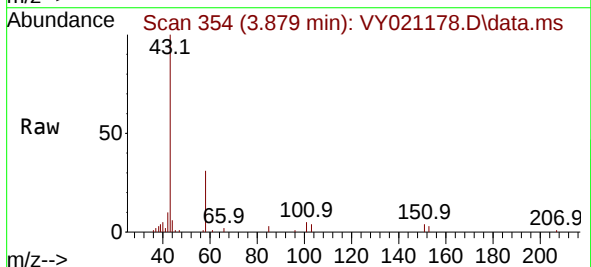


Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.1	97.7
51	39.4	29.0	43.4



#16
Acetone
Concen: 101.335 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.6	39.8

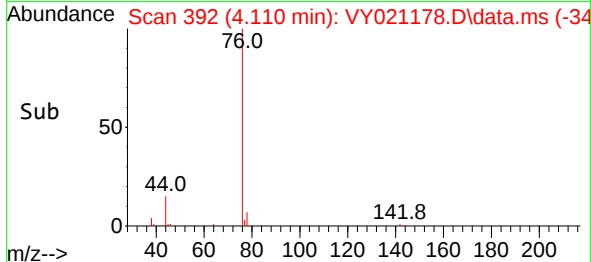
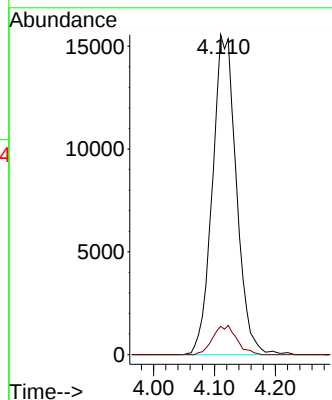
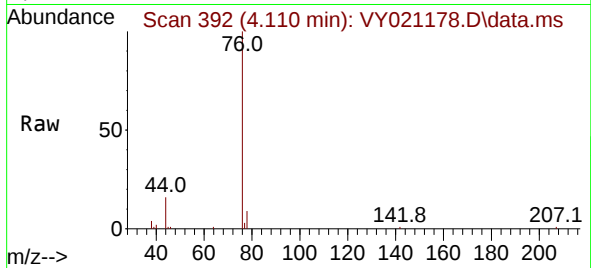




#17
Carbon Disulfide
Concen: 10.243 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

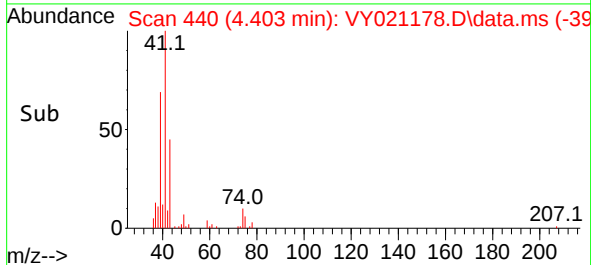
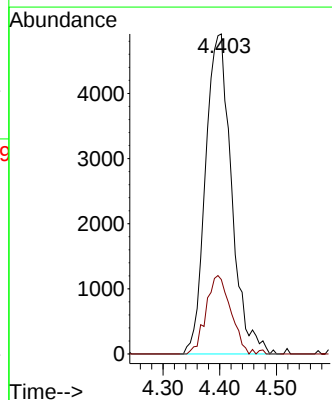
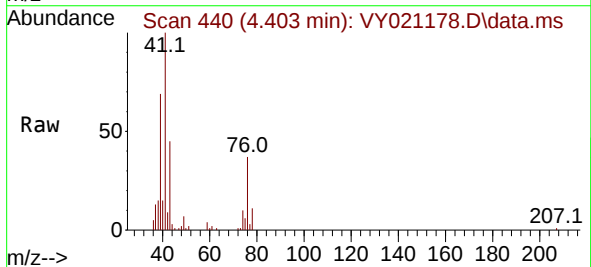
Instrument :
MSVOA_Y
ClientSampleId :

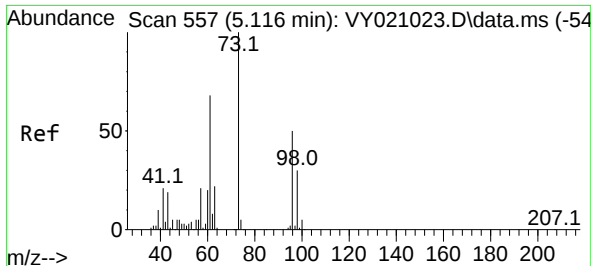
Tgt Ion: 76 Resp: 42459
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.081 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 43 Resp: 15616
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.506 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

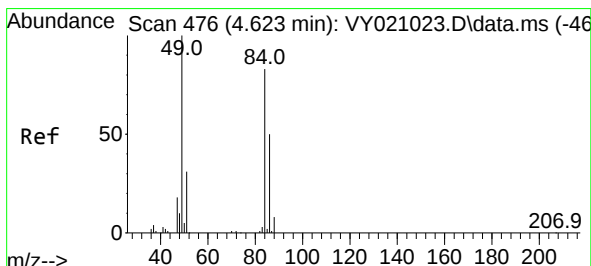
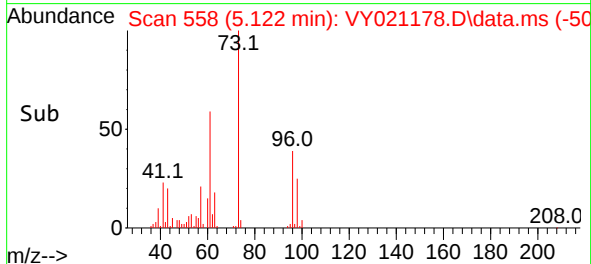
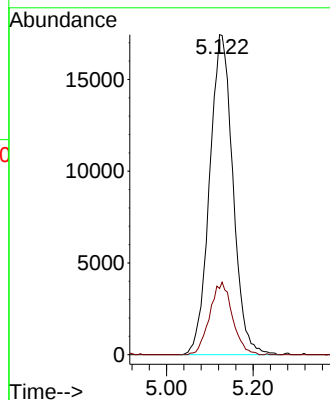
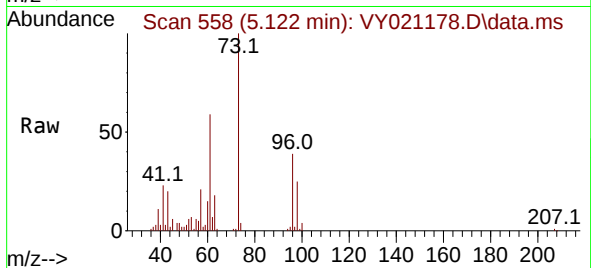
ClientSampleId :

Tgt Ion: 73 Resp: 65175

Ion Ratio Lower Upper

73 100

57 20.7 17.7 26.5



#20

Methylene Chloride

Concen: 17.047 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Tgt Ion: 84 Resp: 23475

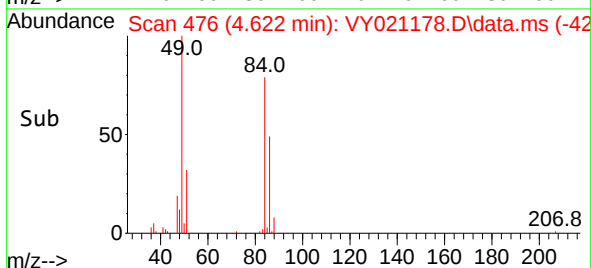
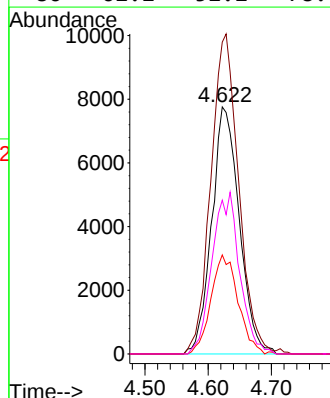
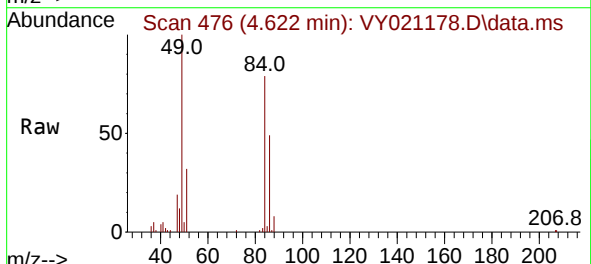
Ion Ratio Lower Upper

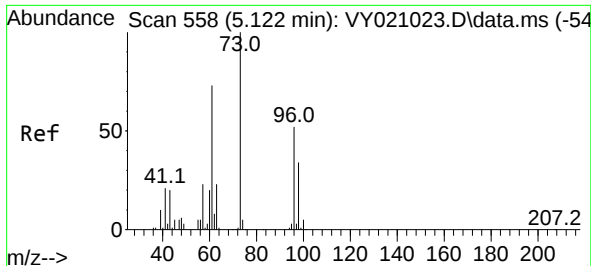
84 100

49 126.3 95.2 142.8

51 40.1 29.9 44.9

86 62.2 52.2 78.4

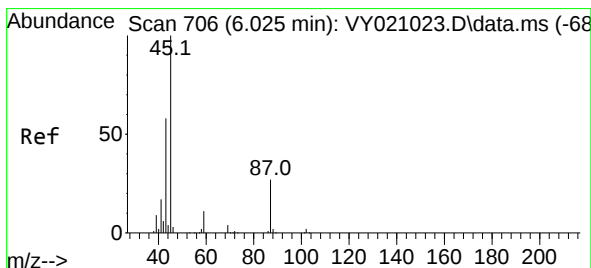
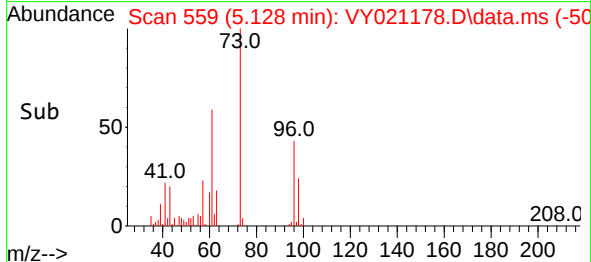
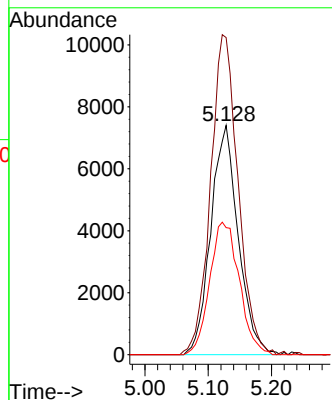
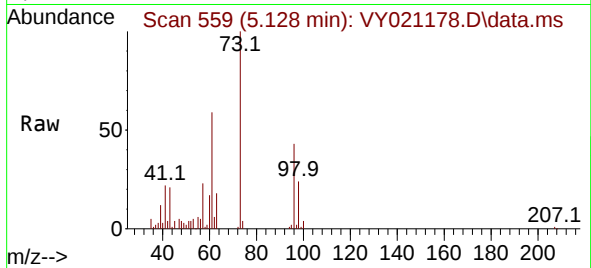




#21
trans-1,2-Dichloroethene
Concen: 15.334 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

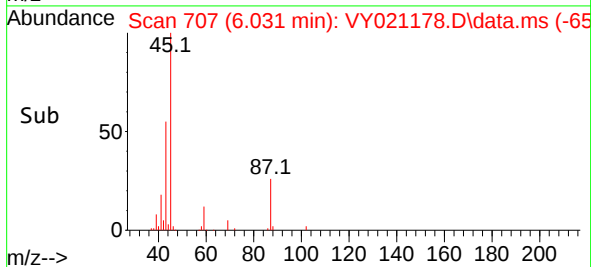
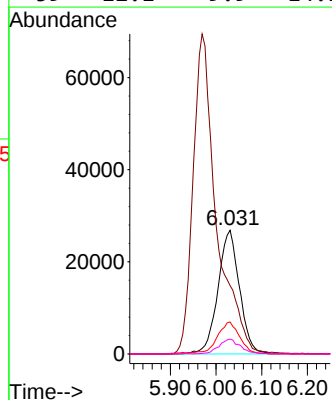
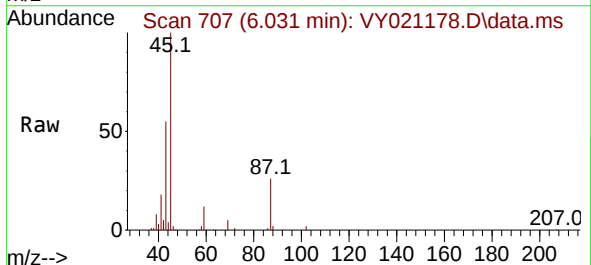
Instrument :
MSVOA_Y
ClientSampleId :

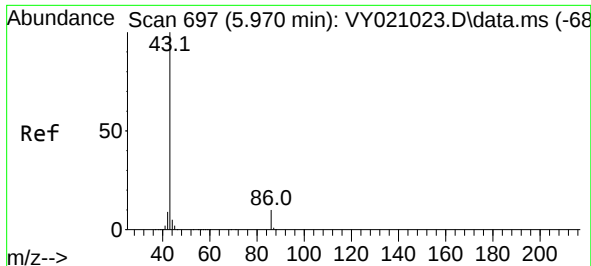
Tgt Ion: 96 Resp: 22313
Ion Ratio Lower Upper
96 100
61 138.3 104.6 156.8
98 55.4 50.9 76.3



#22
Diisopropyl ether
Concen: 19.154 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 45 Resp: 87958
Ion Ratio Lower Upper
45 100
43 54.4 46.8 70.2
87 25.9 22.2 33.2
59 12.1 9.9 14.9

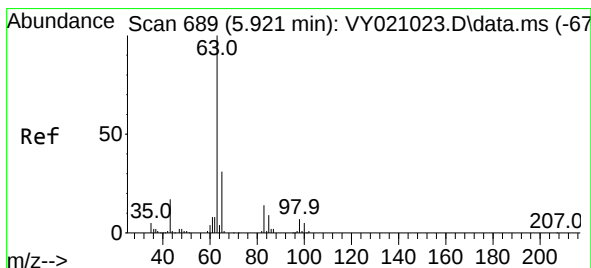
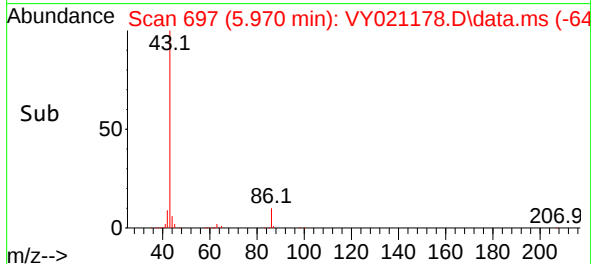
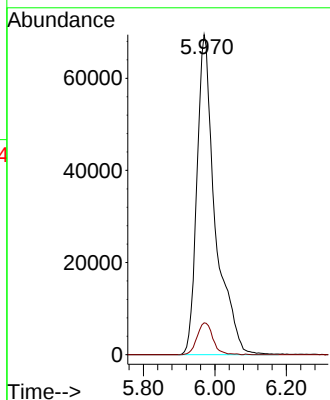
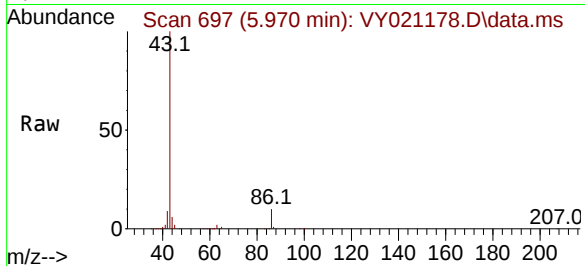




#23
 Vinyl Acetate
 Concen: 96.376 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021178.D
 Acq: 12 Feb 2025 12:35

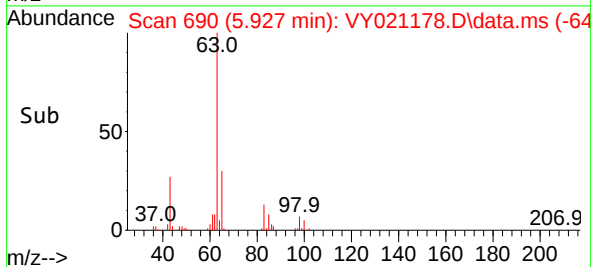
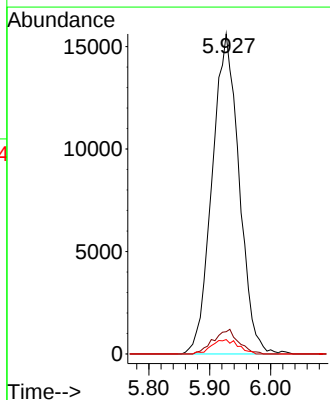
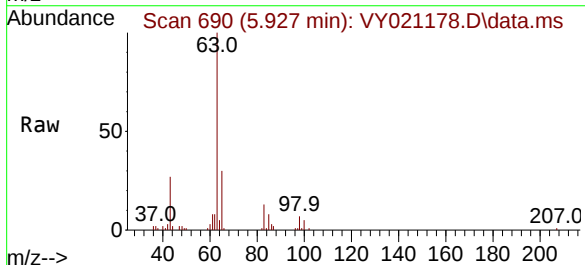
Instrument :
 MSVOA_Y
 ClientSampleId :

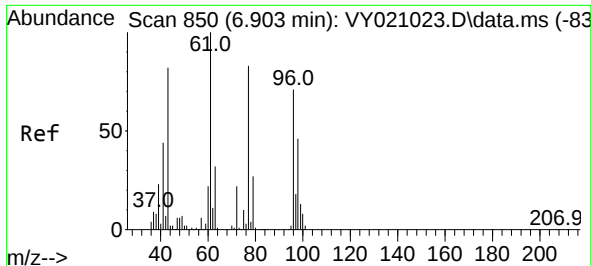
Tgt Ion: 43 Resp: 246718
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 17.846 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021178.D
 Acq: 12 Feb 2025 12:35

Tgt Ion: 63 Resp: 48014
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 105.342 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

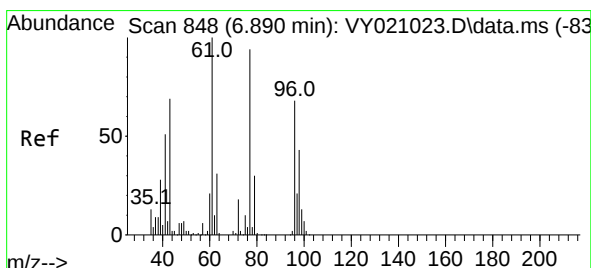
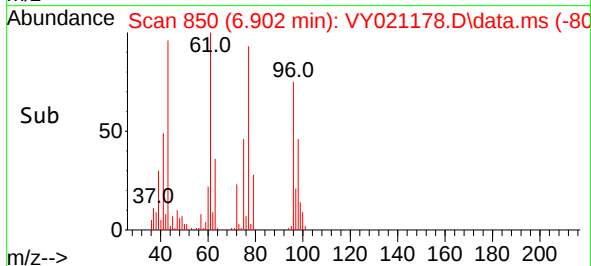
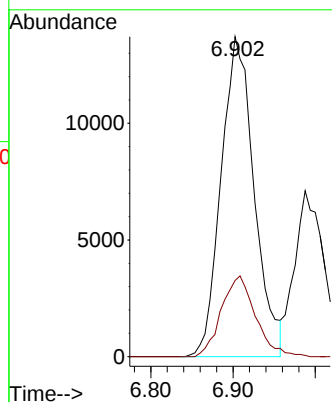
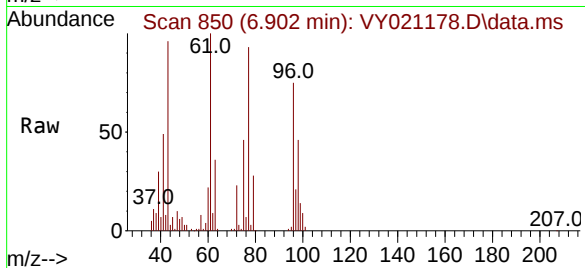
ClientSampleId :

Tgt Ion: 43 Resp: 38347

Ion Ratio Lower Upper

43 100

72 23.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 18.201 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021178.D

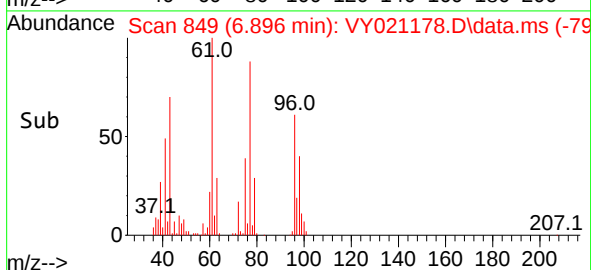
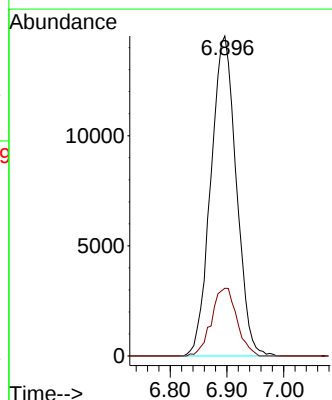
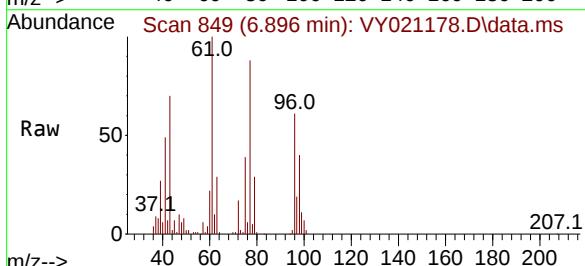
Acq: 12 Feb 2025 12:35

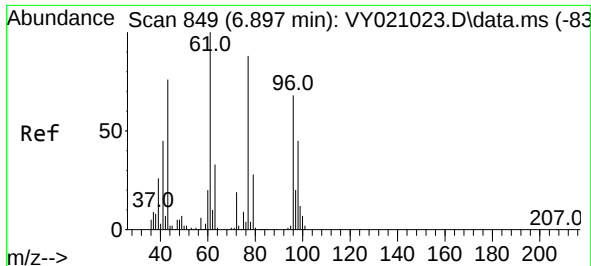
Tgt Ion: 77 Resp: 45312

Ion Ratio Lower Upper

77 100

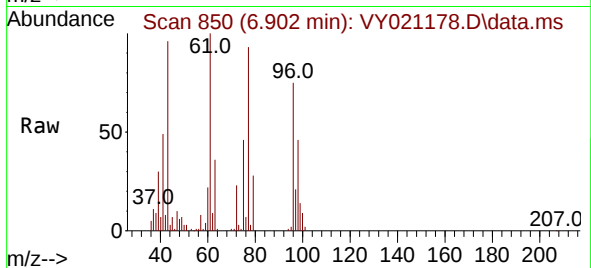
97 21.2 11.7 35.0



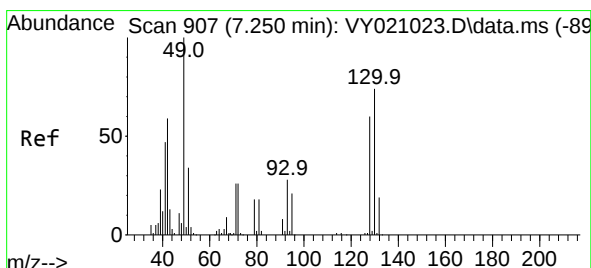
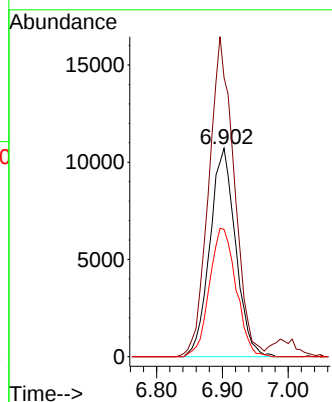
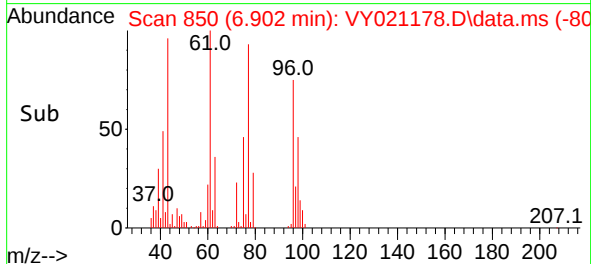


#27
 cis-1,2-Dichloroethene
 Concen: 17.425 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021178.D
 Acq: 12 Feb 2025 12:35

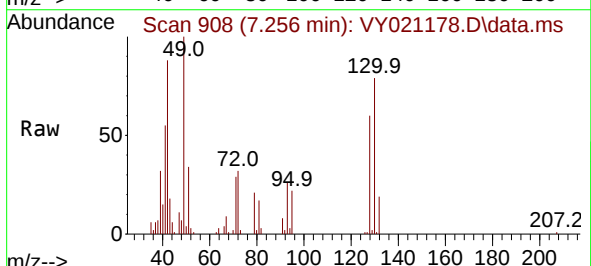
Instrument :
 MSVOA_Y
 ClientSampleId :



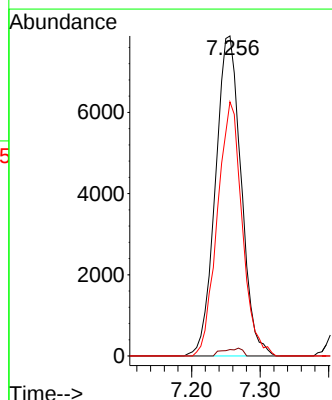
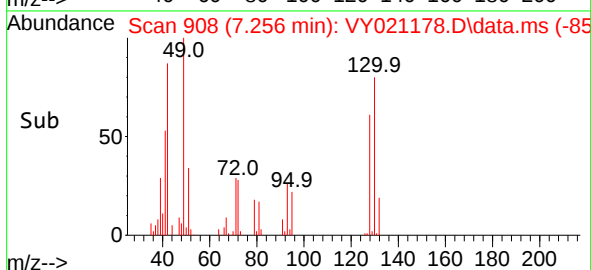
Tgt Ion: 96 Resp: 29185
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 278.8
 98 63.8 0.0 127.0

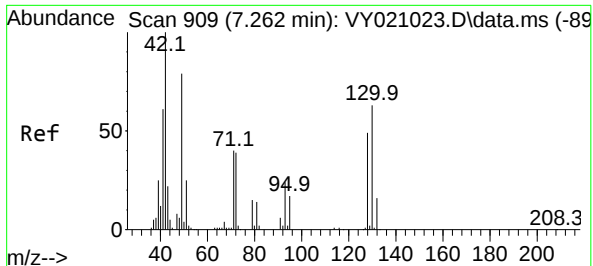


#28
 Bromochloromethane
 Concen: 19.274 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021178.D
 Acq: 12 Feb 2025 12:35



Tgt Ion: 49 Resp: 20506
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 76.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 100.986 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021178.D

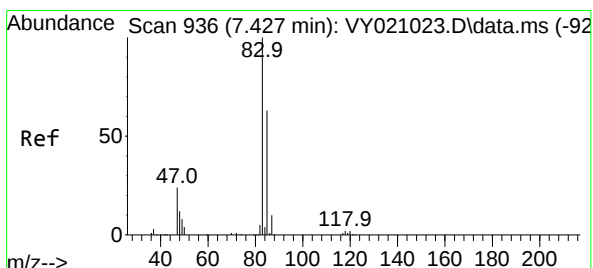
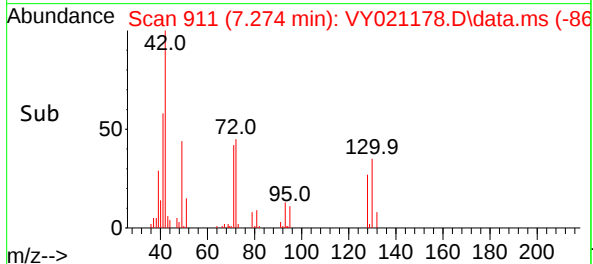
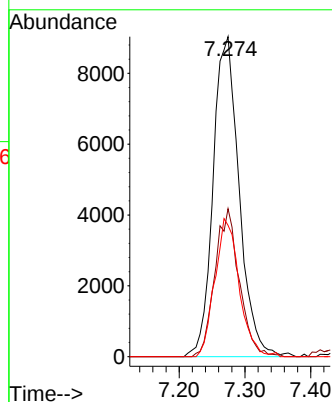
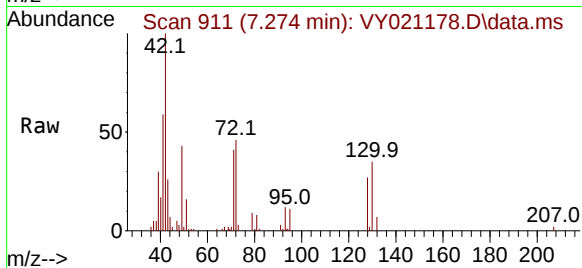
Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	24875
Ion	Ratio	Lower	Upper
42	100		
72	43.2	36.6	54.8
71	40.6	33.8	50.6



#30

Chloroform

Concen: 18.305 ug/l

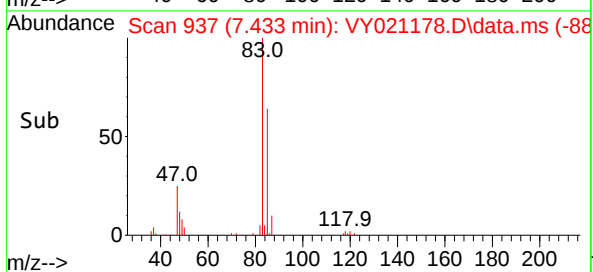
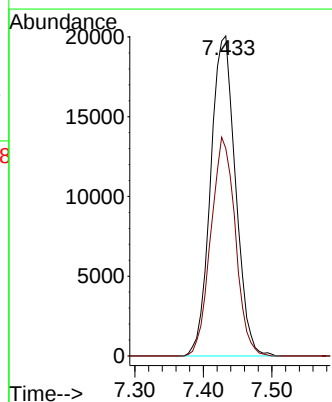
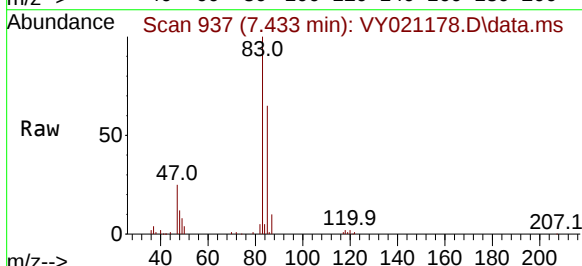
RT: 7.433 min Scan# 937

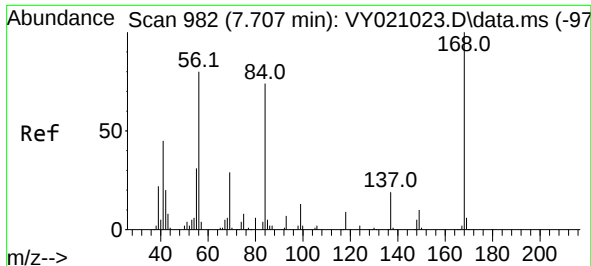
Delta R.T. 0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

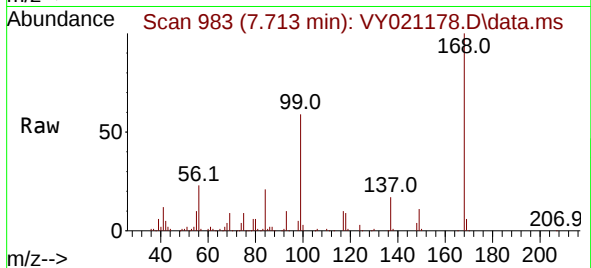
Tgt Ion:	83	Resp:	50586
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8



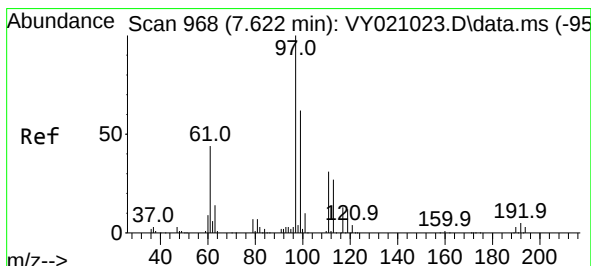
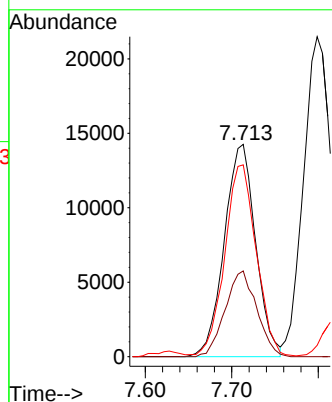
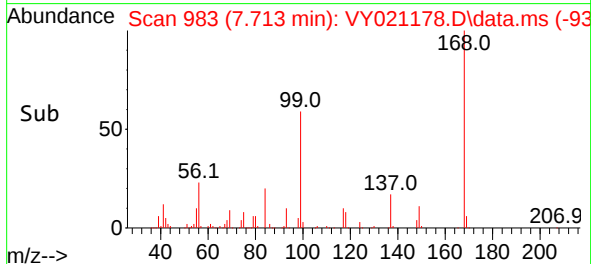


#31
Cyclohexane
Concen: 14.794 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Instrument :
MSVOA_Y
ClientSampleId :

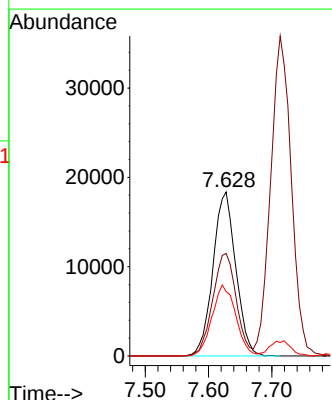
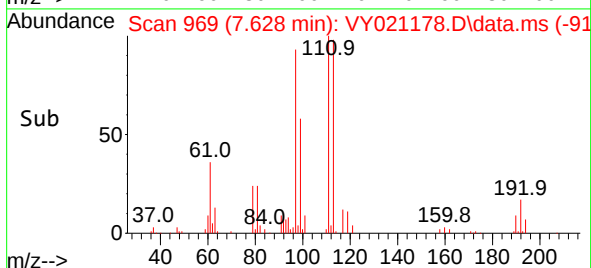
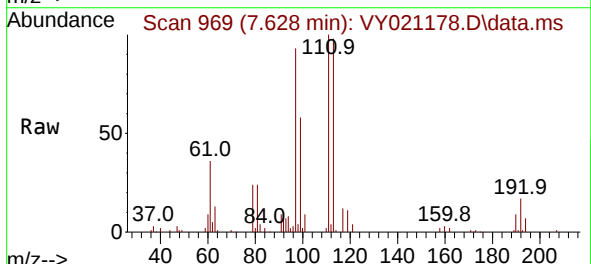


Tgt Ion: 56 Resp: 35844
Ion Ratio Lower Upper
56 100
69 40.4 27.0 40.6
84 88.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 17.899 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 97 Resp: 45988
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 44.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.988 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

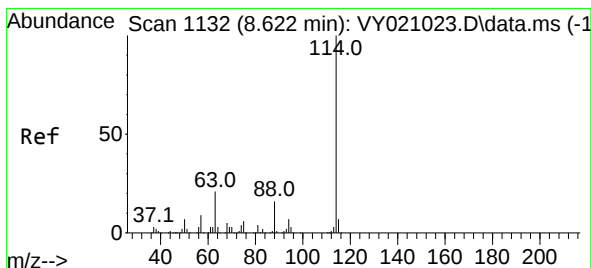
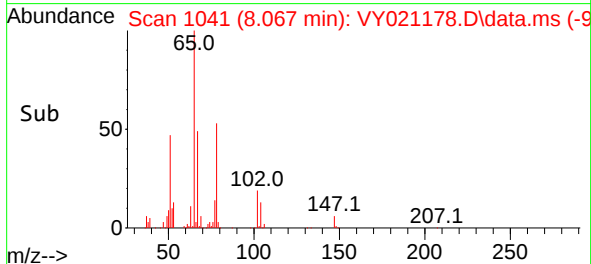
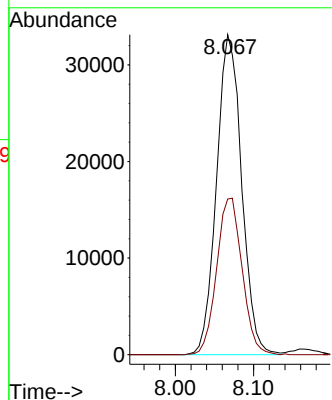
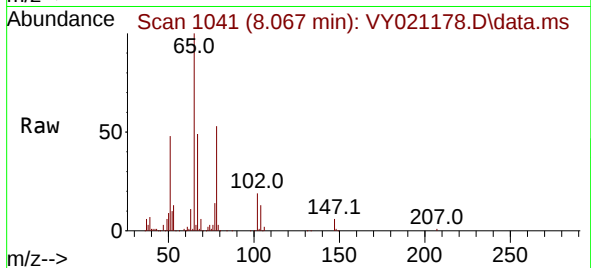
ClientSampleId :

Tgt Ion: 65 Resp: 73849

Ion Ratio Lower Upper

65 100

67 49.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

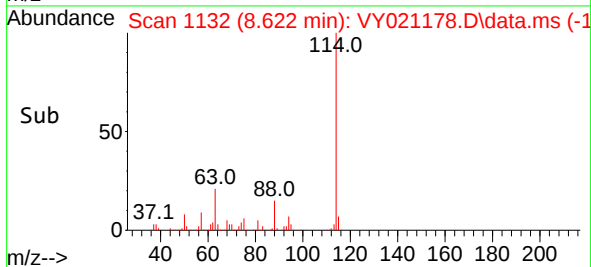
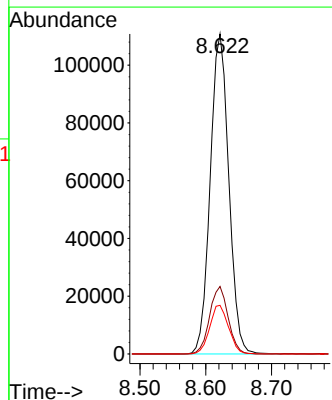
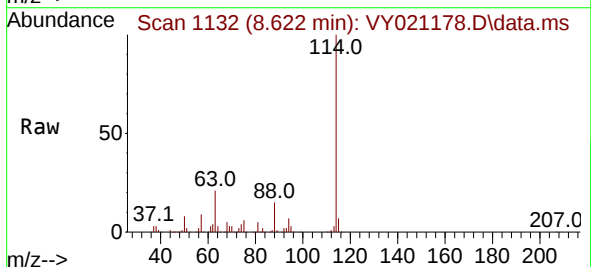
Tgt Ion: 114 Resp: 217538

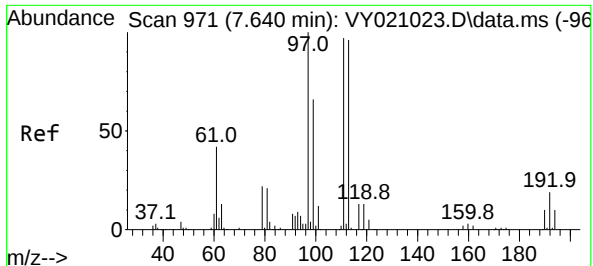
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.2 0.0 29.0

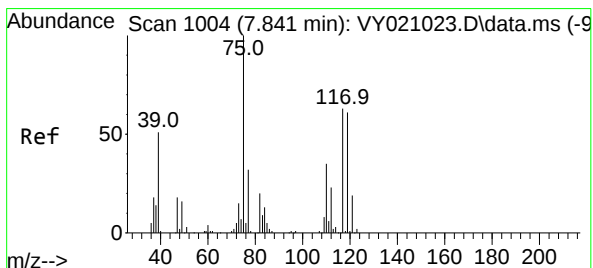
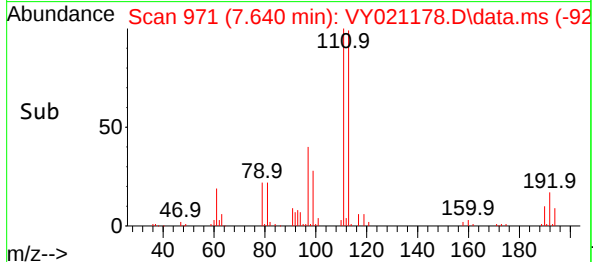
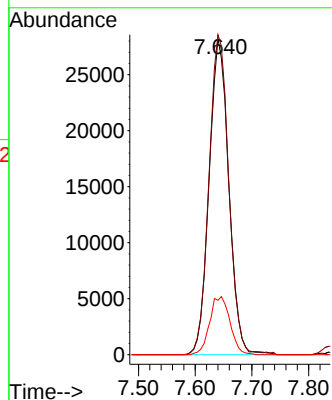
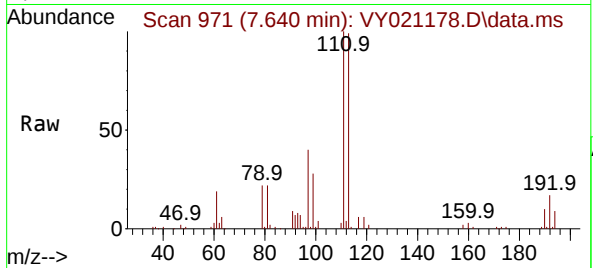




#35
Dibromofluoromethane
Concen: 48.751 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

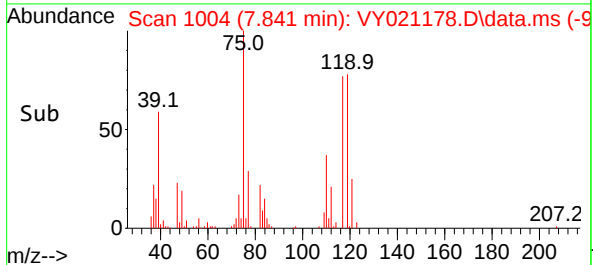
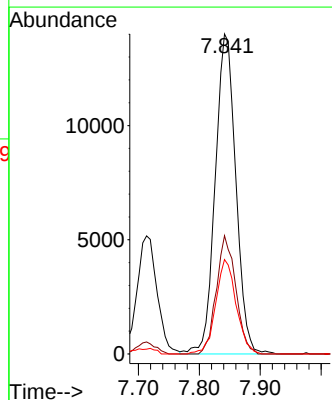
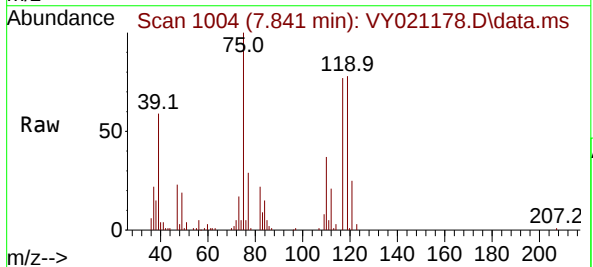
Instrument :
MSVOA_Y
ClientSampleId :

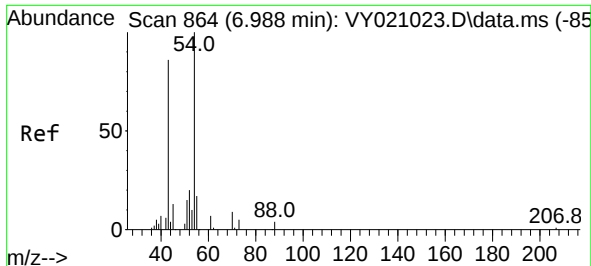
Tgt Ion:113 Resp: 67965
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 15.987 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 75 Resp: 33013
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 29.2 24.7 37.1





#37

Ethyl Acetate

Concen: 20.289 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

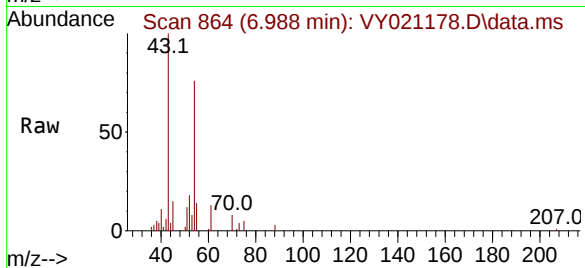
Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :



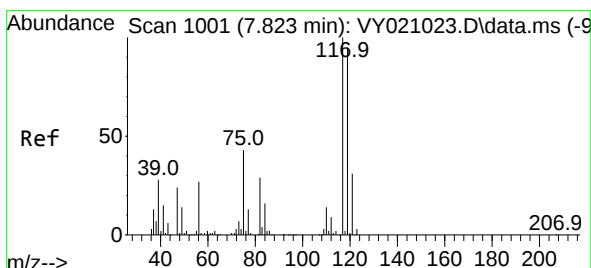
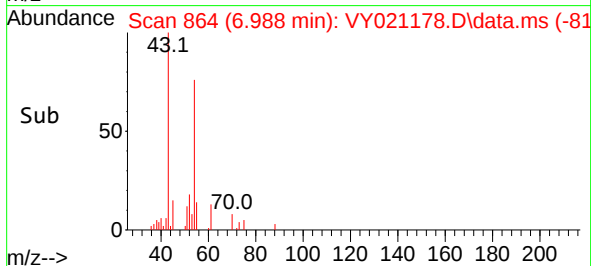
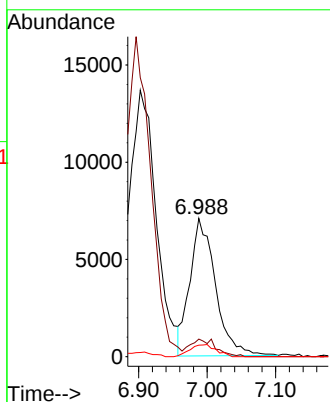
Tgt Ion: 43 Resp: 18379

Ion Ratio Lower Upper

43 100

61 13.0 11.0 16.6

70 9.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 17.297 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

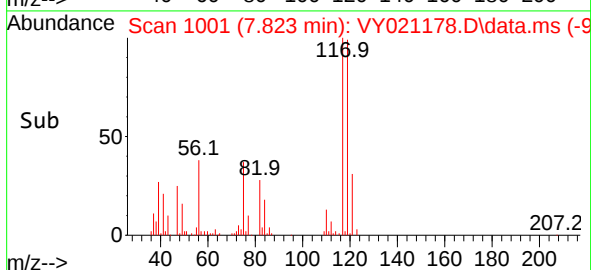
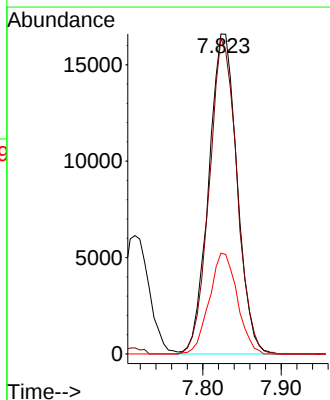
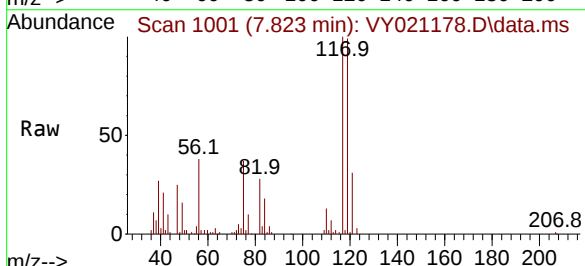
Tgt Ion: 117 Resp: 41735

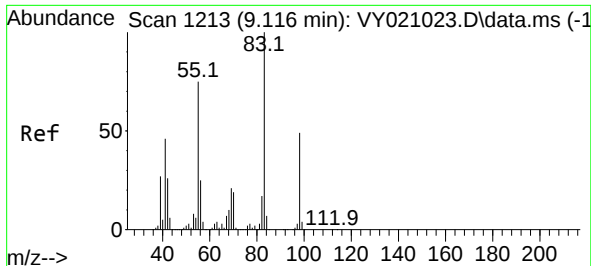
Ion Ratio Lower Upper

117 100

119 98.7 76.0 114.0

121 31.5 24.2 36.2

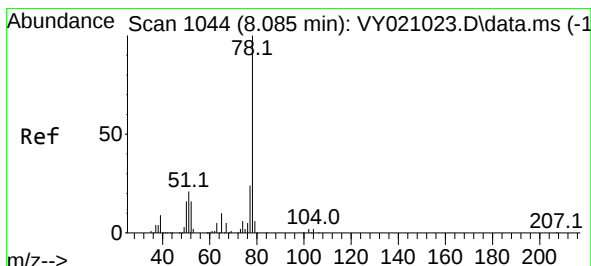
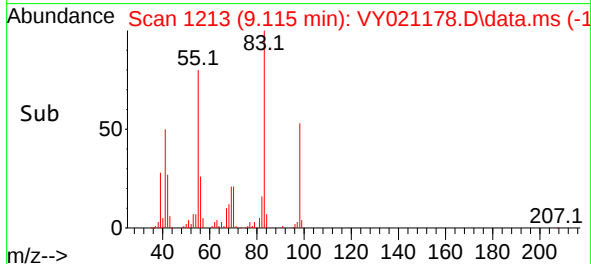
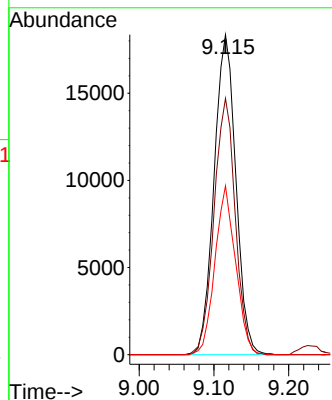
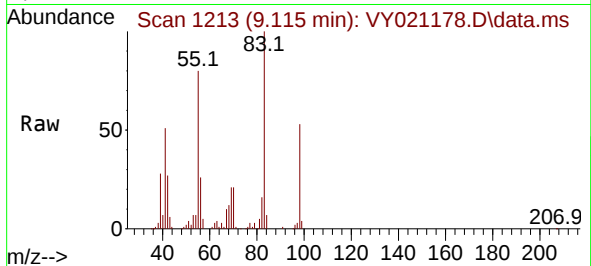




#39
Methylcyclohexane
Concen: 14.744 ug/l
RT: 9.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

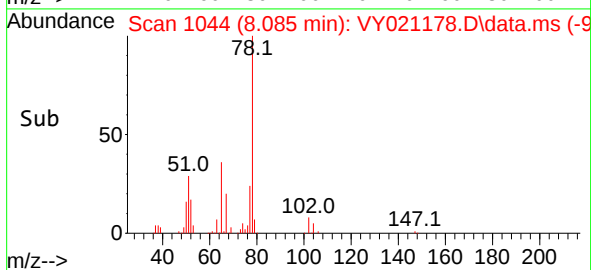
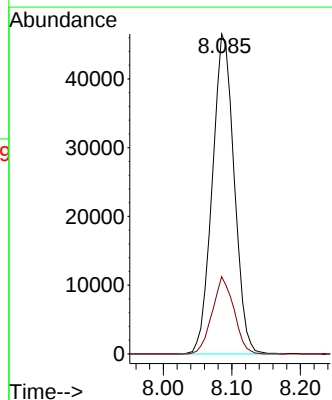
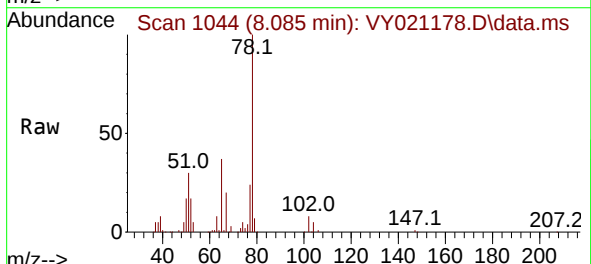
Instrument :
MSVOA_Y
ClientSampleId :

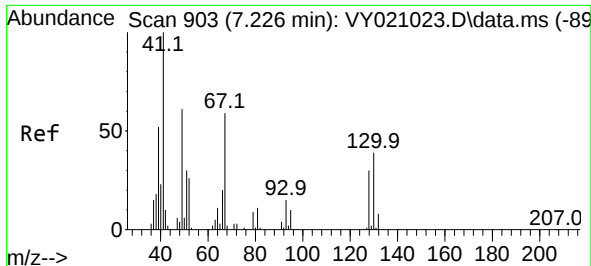
Tgt Ion: 83 Resp: 37241
Ion Ratio Lower Upper
83 100
55 80.1 59.7 89.5
98 52.7 38.0 57.0



#40
Benzene
Concen: 17.034 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

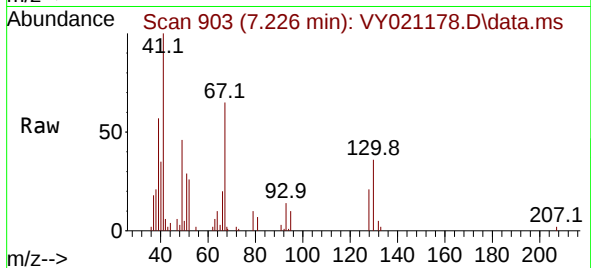
Tgt Ion: 78 Resp: 103225
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



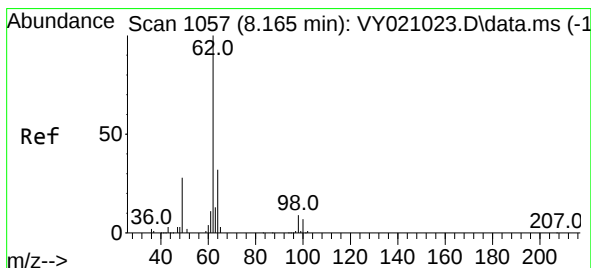
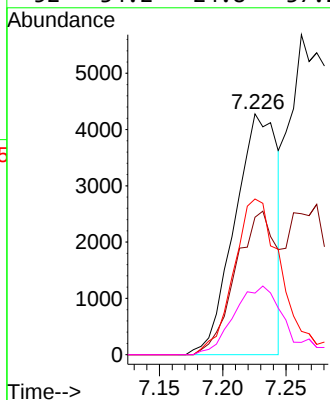
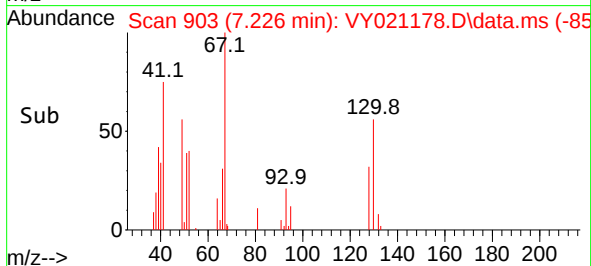


#41
Methacrylonitrile
Concen: 19.115 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

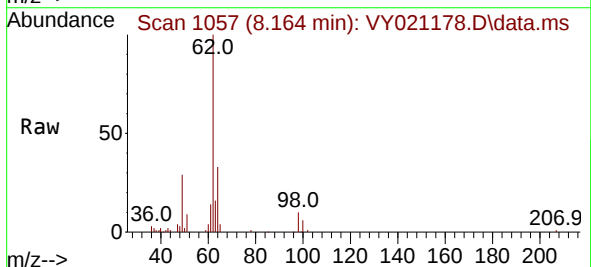
Instrument :
MSVOA_Y
ClientSampleId :



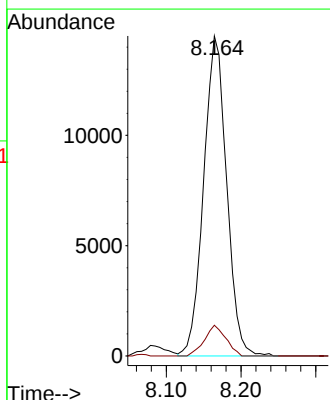
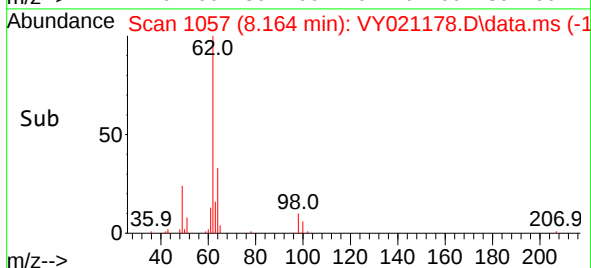
Tgt Ion:	41	Resp:	10018
Ion	Ratio	Lower	Upper
41	100		
39	56.2	41.9	62.9
67	73.1	59.8	89.6
52	34.2	24.8	37.2

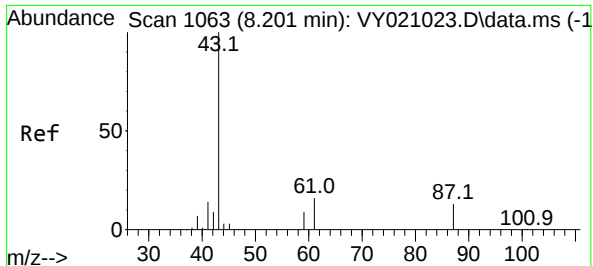


#42
1,2-Dichloroethane
Concen: 18.437 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35



Tgt Ion:	62	Resp:	30993
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.380 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

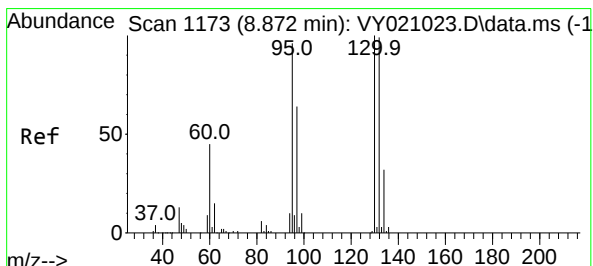
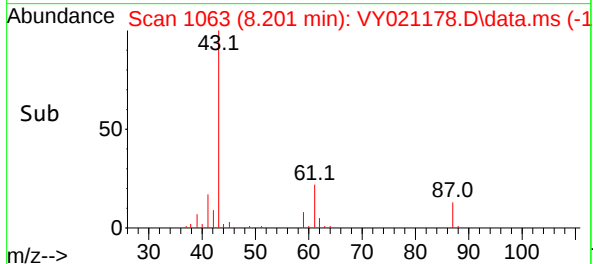
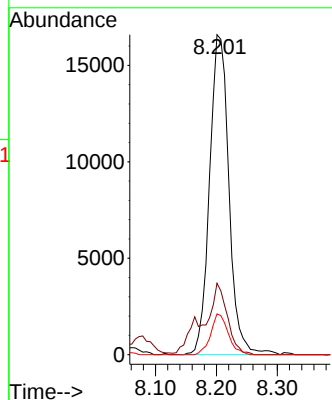
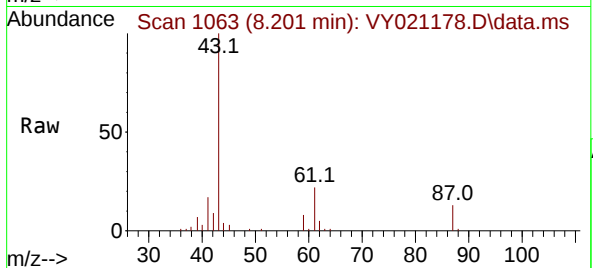
Tgt Ion: 43 Resp: 36683

Ion Ratio Lower Upper

43 100

61 18.2 24.8 37.2#

87 11.5 10.7 16.1



#44

Trichloroethene

Concen: 16.261 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY021178.D

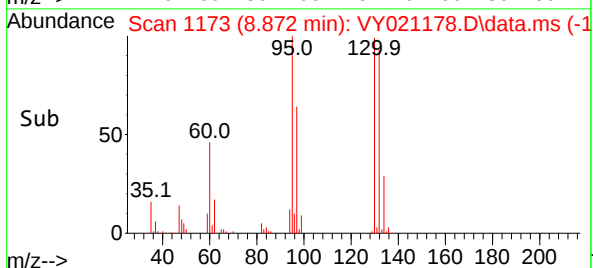
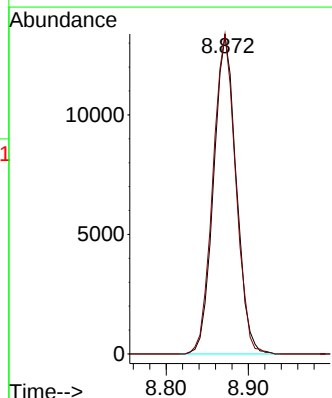
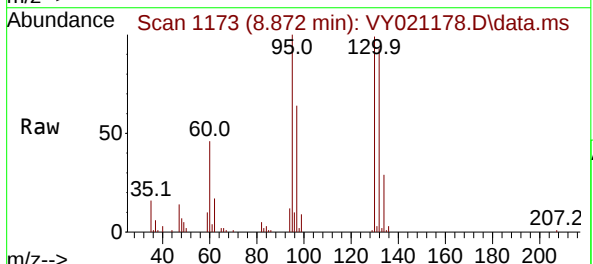
Acq: 12 Feb 2025 12:35

Tgt Ion:130 Resp: 25458

Ion Ratio Lower Upper

130 100

95 100.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 18.896 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

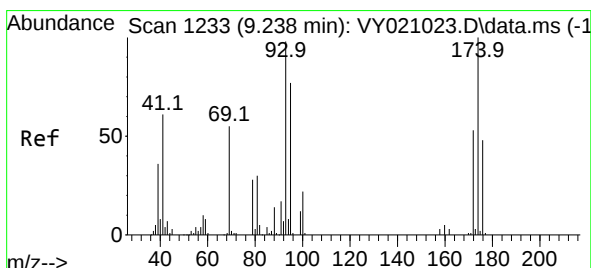
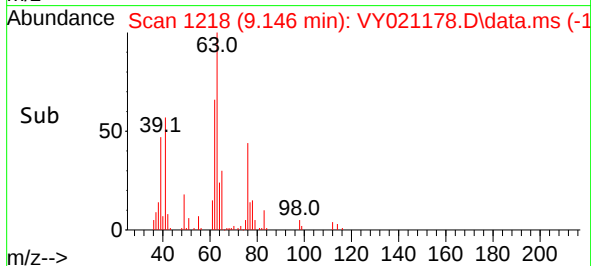
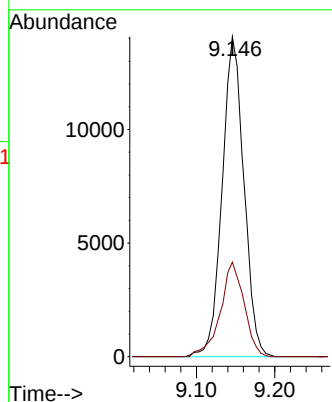
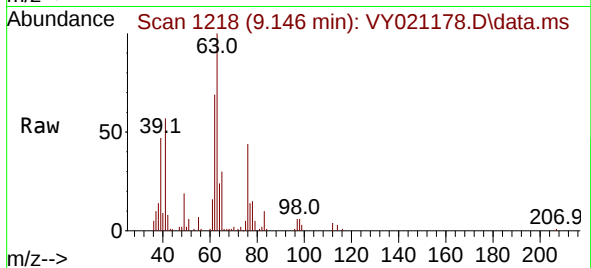
ClientSampleId :

Tgt Ion: 63 Resp: 27179

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8



#46

Dibromomethane

Concen: 18.028 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

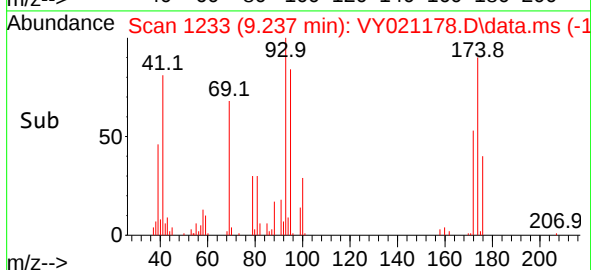
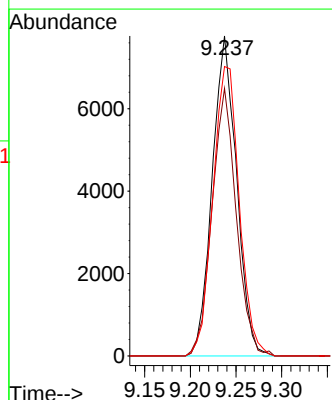
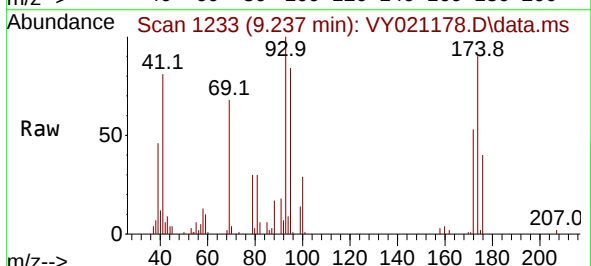
Tgt Ion: 93 Resp: 14357

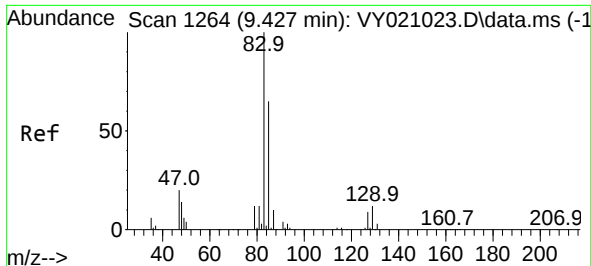
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 98.3 73.8 110.6





#47

Bromodichloromethane

Concen: 19.080 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

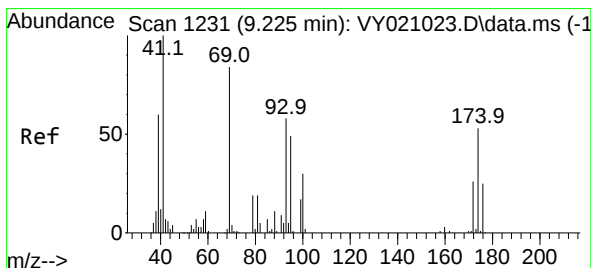
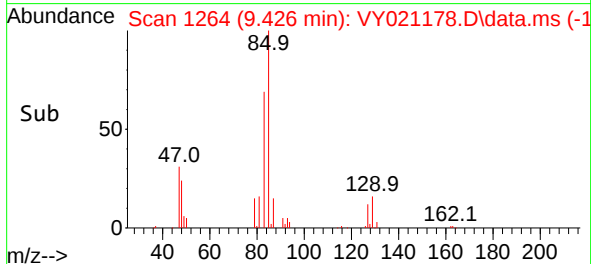
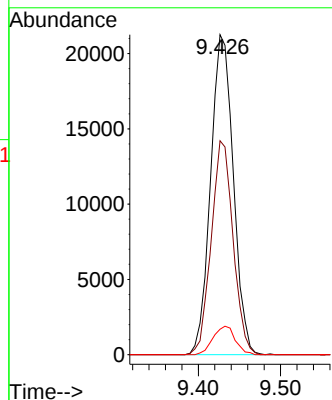
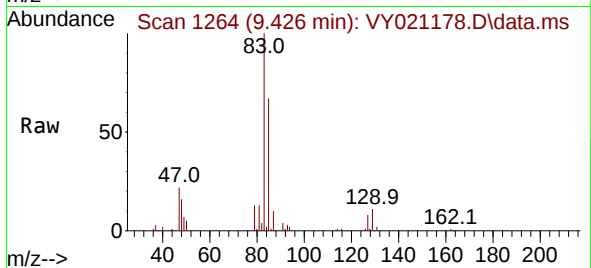
Tgt Ion: 83 Resp: 40751

Ion Ratio Lower Upper

83 100

85 66.8 53.2 79.8

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 19.917 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

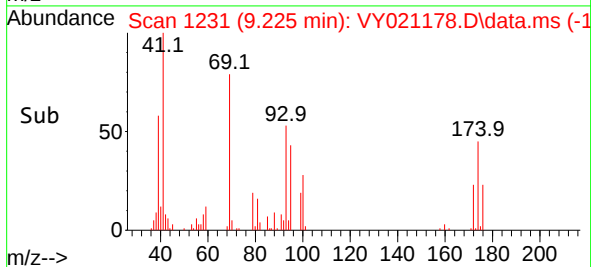
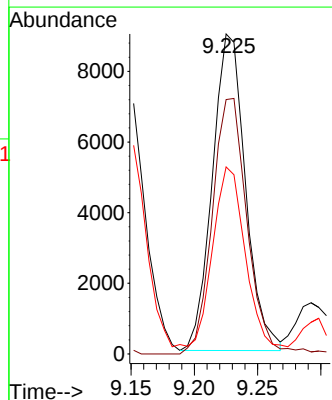
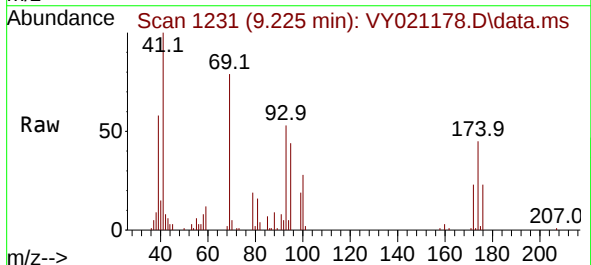
Tgt Ion: 41 Resp: 16330

Ion Ratio Lower Upper

41 100

69 84.9 72.1 108.1

39 60.0 42.8 64.2





#49

1,4-Dioxane

Concen: 409.115 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

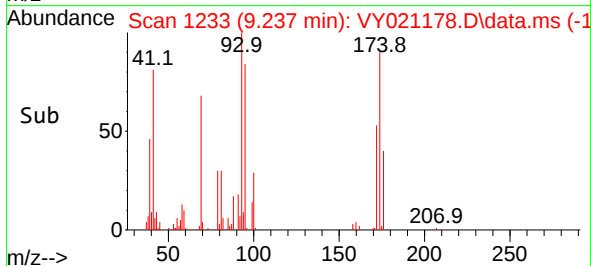
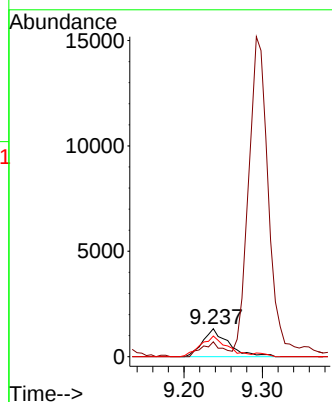
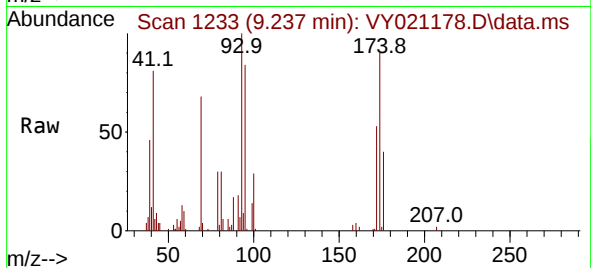
Tgt Ion: 88 Resp: 3033

Ion Ratio Lower Upper

88 100

43 40.7 28.2 42.4

58 75.9 52.2 78.2



#50

Toluene-d8

Concen: 48.309 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021178.D

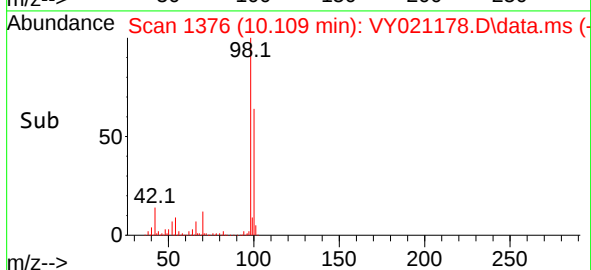
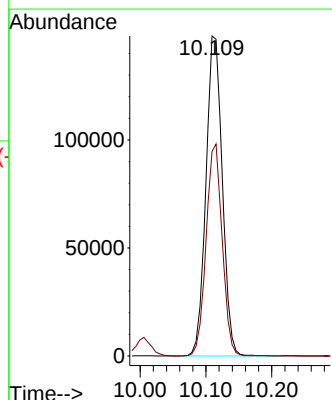
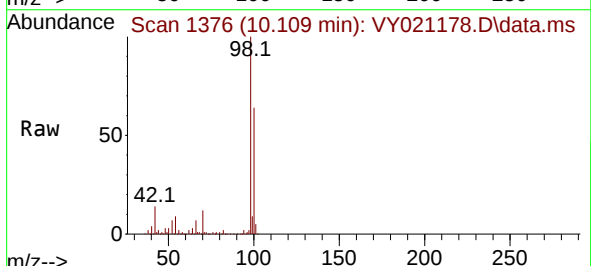
Acq: 12 Feb 2025 12:35

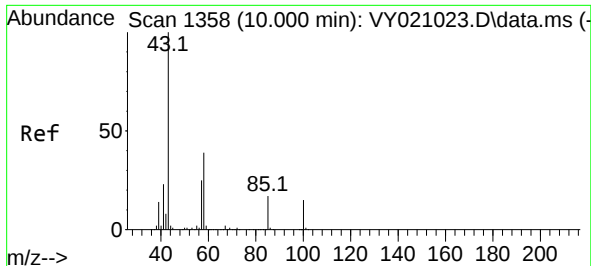
Tgt Ion: 98 Resp: 256400

Ion Ratio Lower Upper

98 100

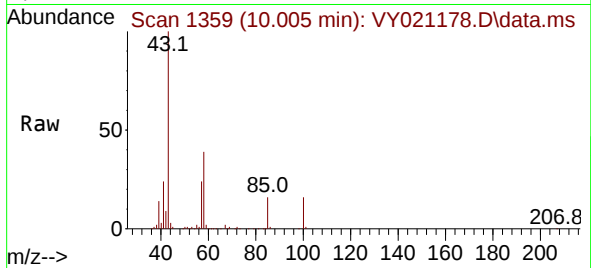
100 65.0 52.3 78.5



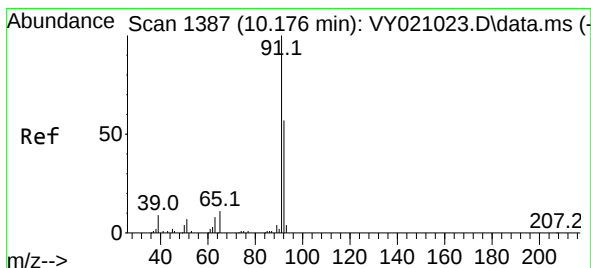
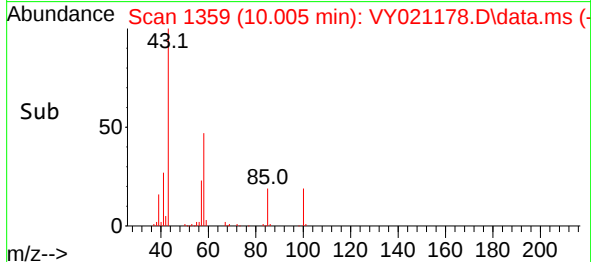
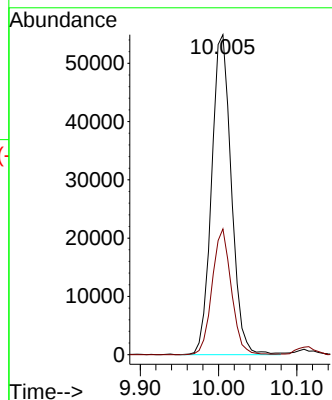


#51
4-Methyl-2-Pentanone
Concen: 106.259 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Instrument :
MSVOA_Y
ClientSampleId :

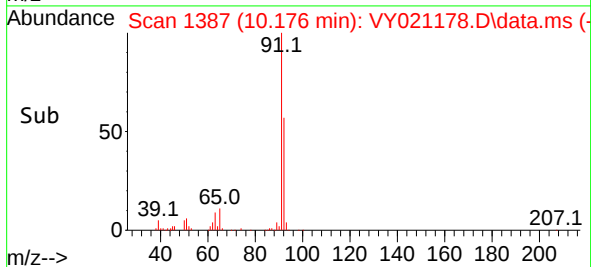
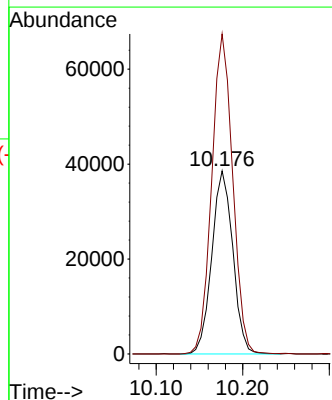
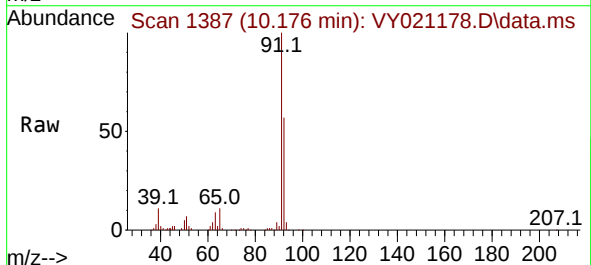


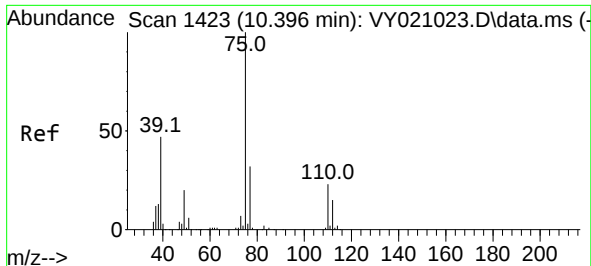
Tgt Ion: 43 Resp: 96181
Ion Ratio Lower Upper
43 100
58 38.1 32.2 48.2



#52
Toluene
Concen: 17.066 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 92 Resp: 64938
Ion Ratio Lower Upper
92 100
91 174.7 137.6 206.4

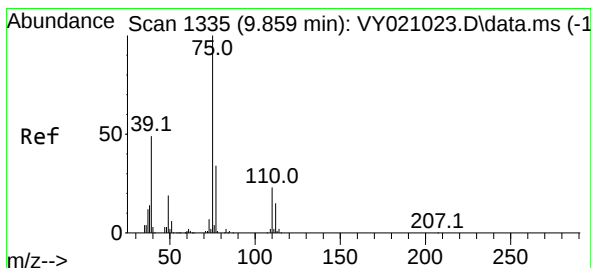
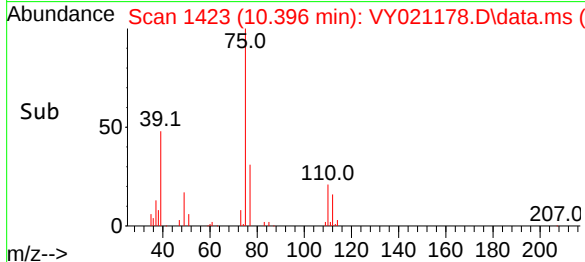
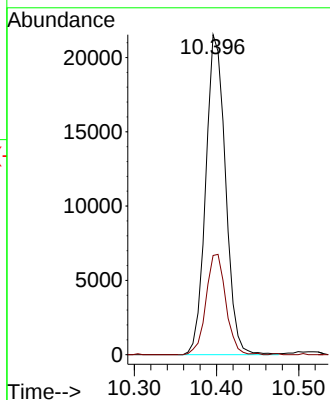
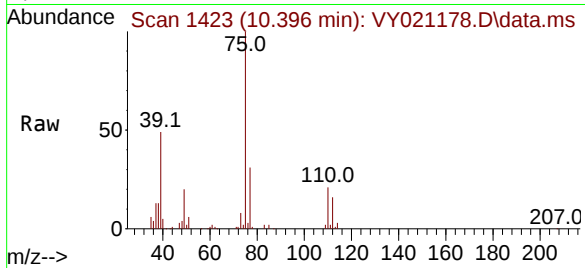




#53
 t-1,3-Dichloropropene
 Concen: 18.753 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY021178.D
 Acq: 12 Feb 2025 12:35

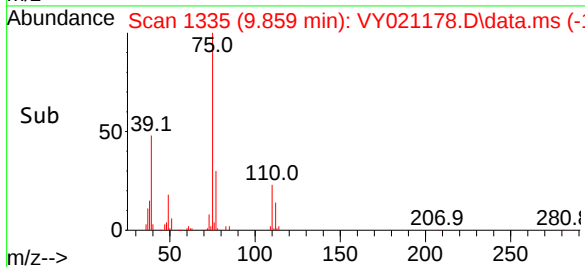
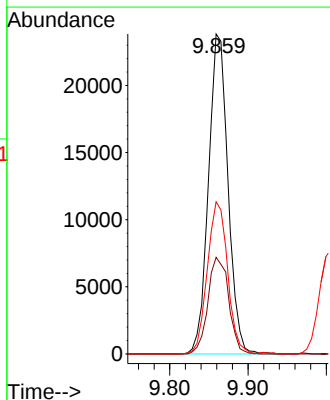
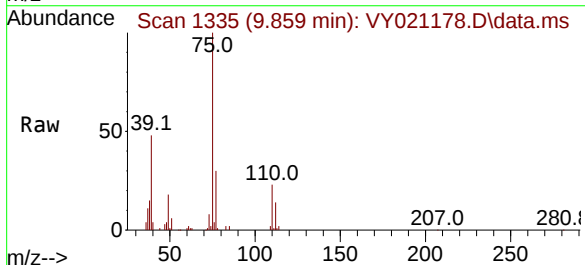
Instrument :
 MSVOA_Y
 ClientSampleId :

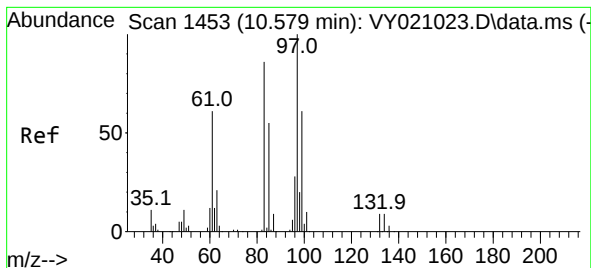
Tgt Ion: 75 Resp: 35965
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.166 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY021178.D
 Acq: 12 Feb 2025 12:35

Tgt Ion: 75 Resp: 41249
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 47.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 19.720 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

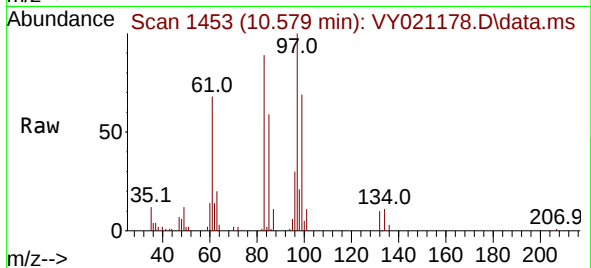
Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 20336

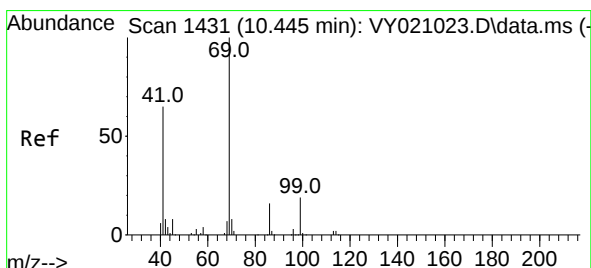
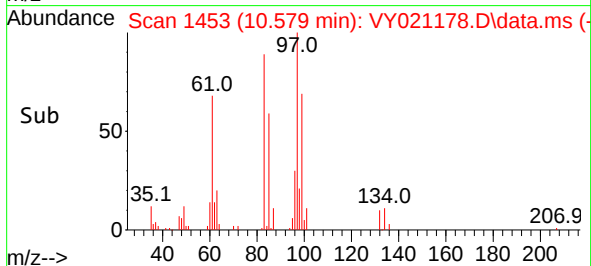
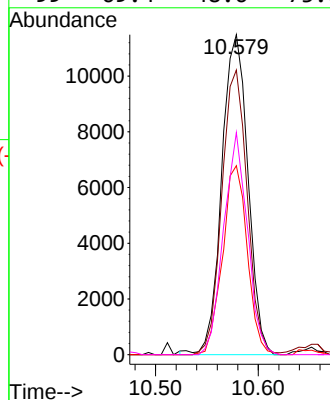
Ion Ratio Lower Upper

97 100

83 88.9 69.4 104.2

85 59.1 43.9 65.9

99 69.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 19.446 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

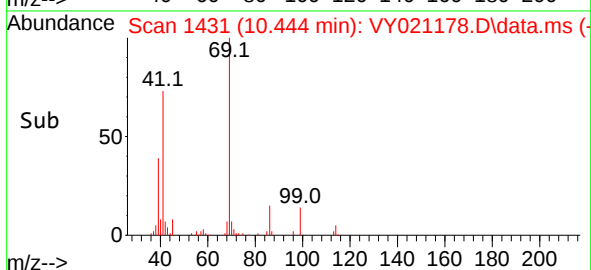
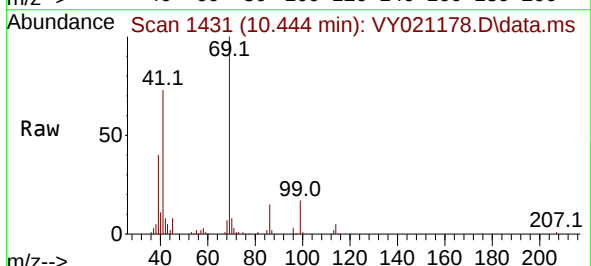
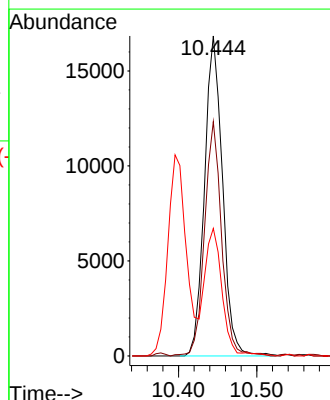
Tgt Ion: 69 Resp: 26827

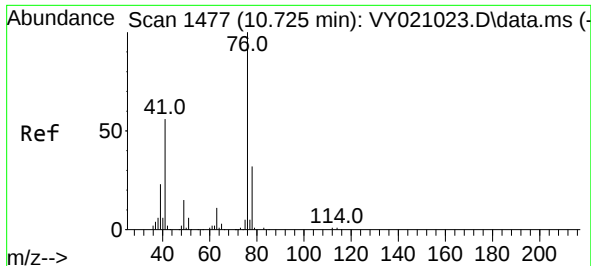
Ion Ratio Lower Upper

69 100

41 69.6 49.2 73.8

39 37.7 26.8 40.2





#57

1,3-Dichloropropane

Concen: 19.399 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

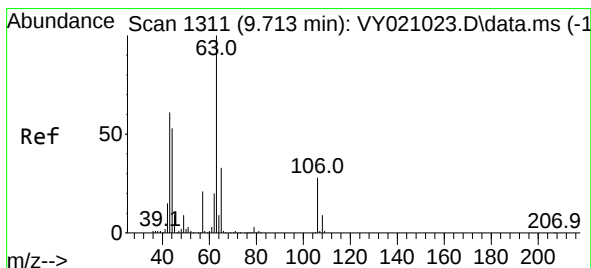
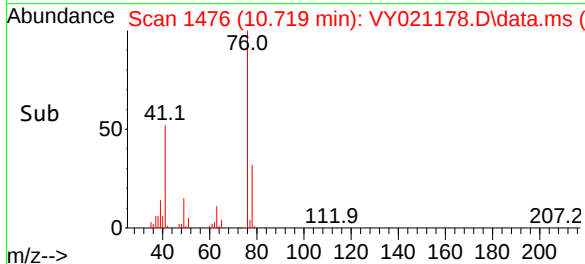
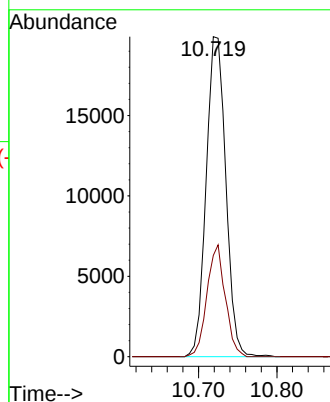
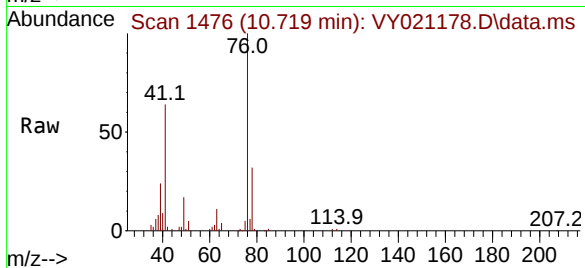
ClientSampleId :

Tgt Ion: 76 Resp: 34626

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.446 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021178.D

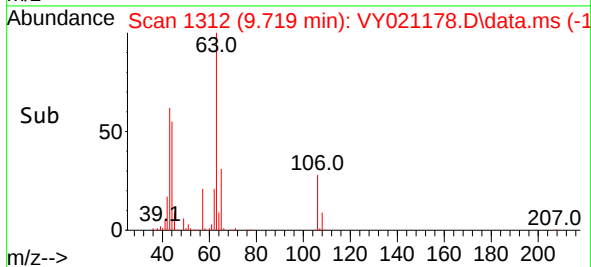
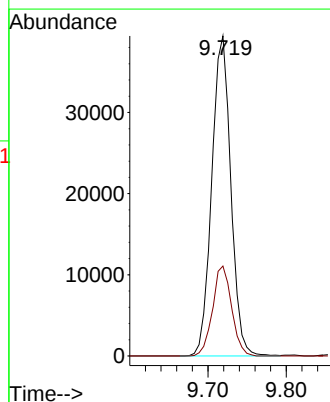
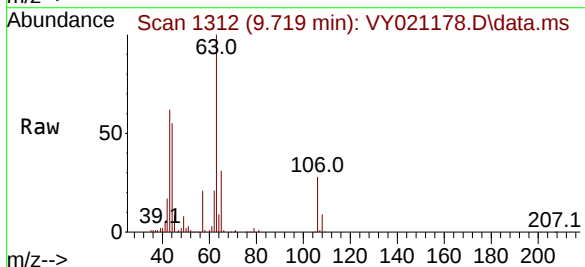
Acq: 12 Feb 2025 12:35

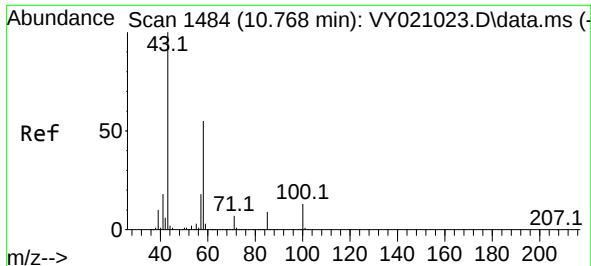
Tgt Ion: 63 Resp: 66582

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

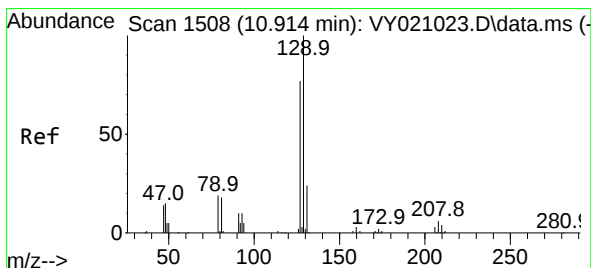
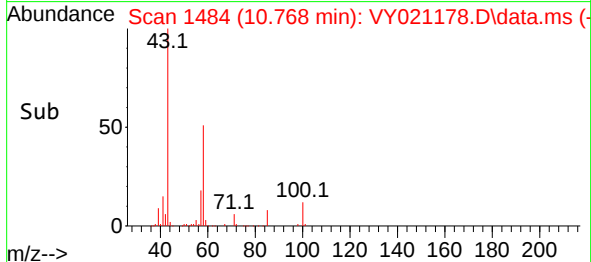
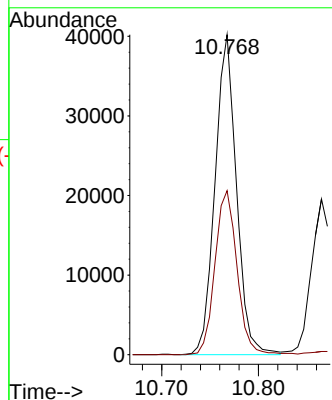
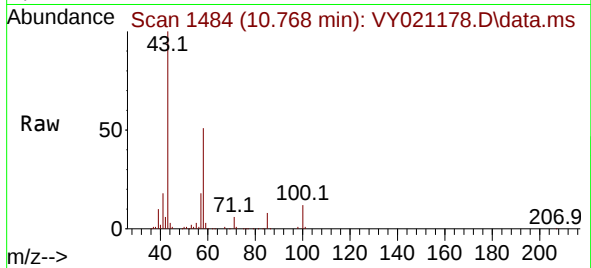




#59
2-Hexanone
Concen: 106.056 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

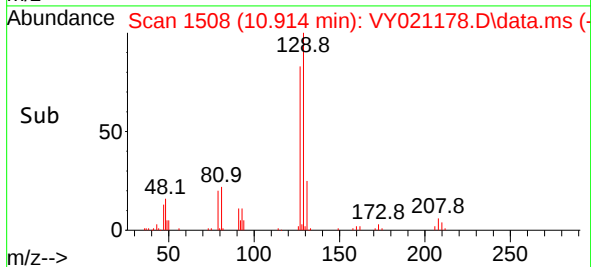
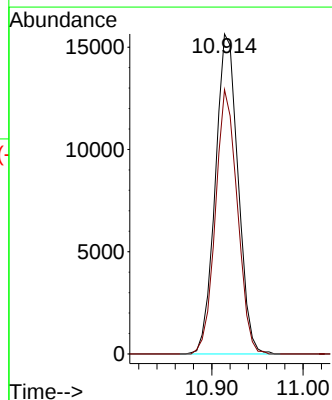
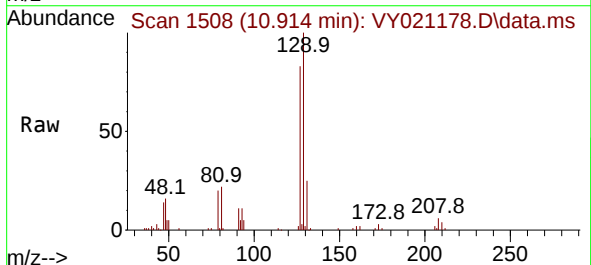
Instrument :
MSVOA_Y
ClientSampleId :

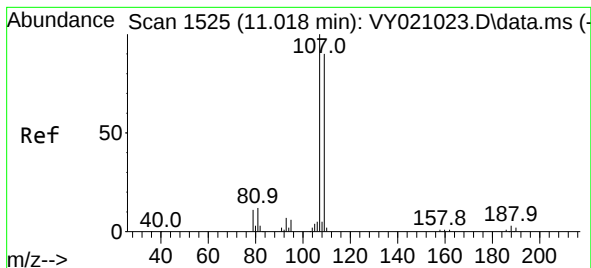
Tgt Ion: 43 Resp: 61809
Ion Ratio Lower Upper
43 100
58 52.9 28.1 84.3



#60
Dibromochloromethane
Concen: 18.665 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 129 Resp: 27031
Ion Ratio Lower Upper
129 100
127 79.6 39.2 117.6

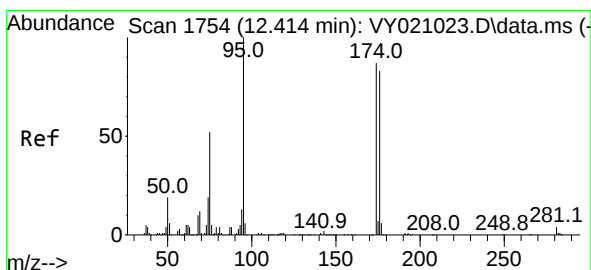
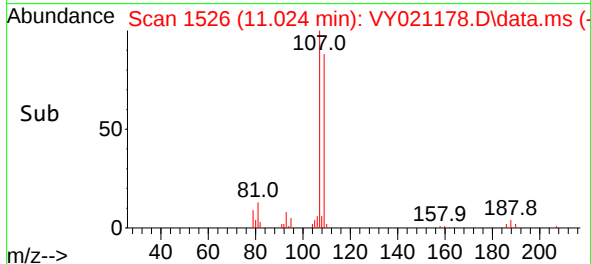
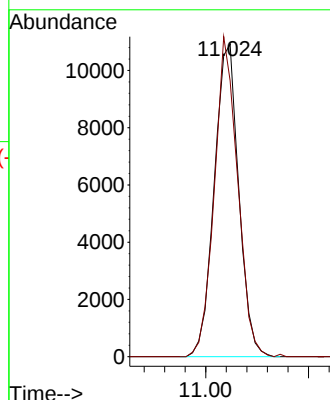
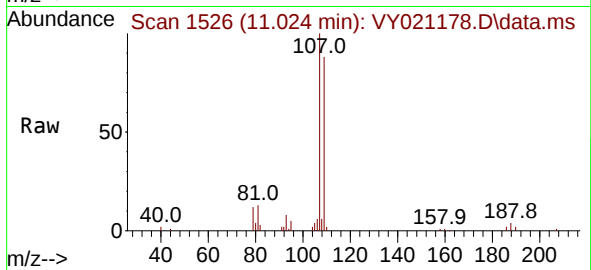




#61
1,2-Dibromoethane
Concen: 18.666 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

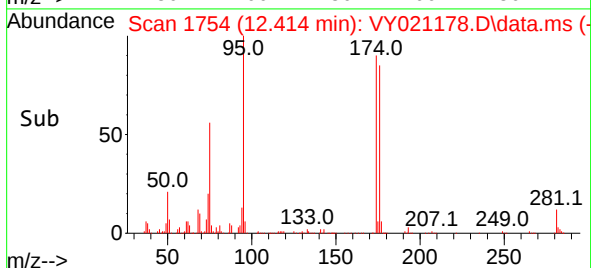
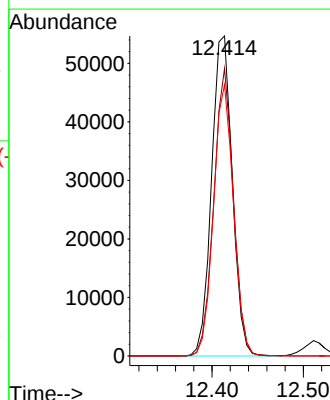
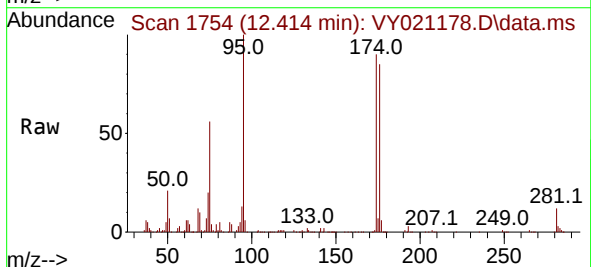
Instrument :
MSVOA_Y
ClientSampleId :

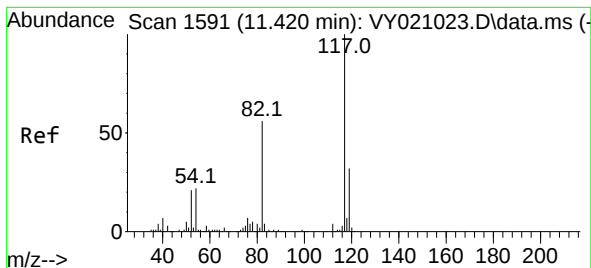
Tgt Ion:107 Resp: 18030
Ion Ratio Lower Upper
107 100
109 97.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.764 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 95 Resp: 86288
Ion Ratio Lower Upper
95 100
174 85.2 0.0 160.0
176 81.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

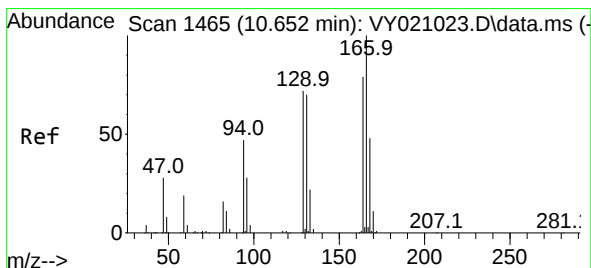
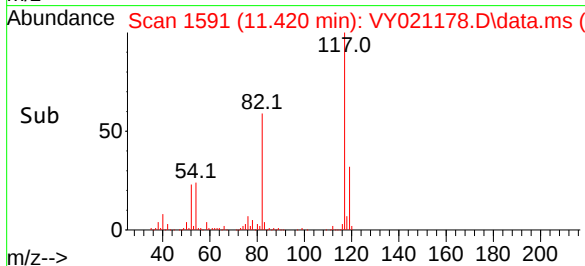
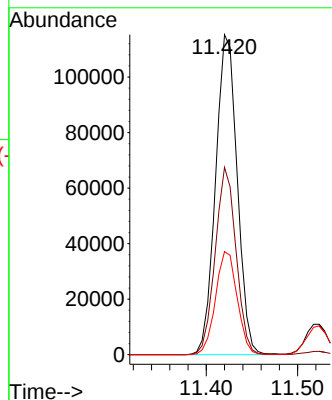
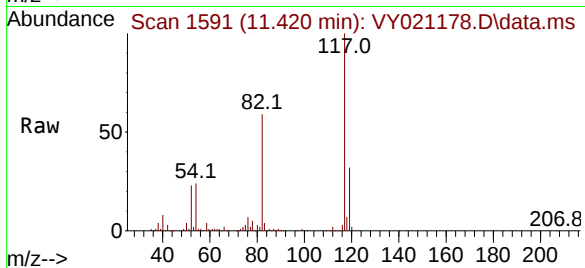
Tgt Ion:117 Resp: 189924

Ion Ratio Lower Upper

117 100

82 58.5 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 15.934 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Tgt Ion:164 Resp: 22465

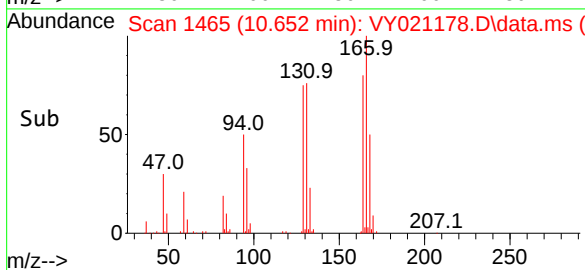
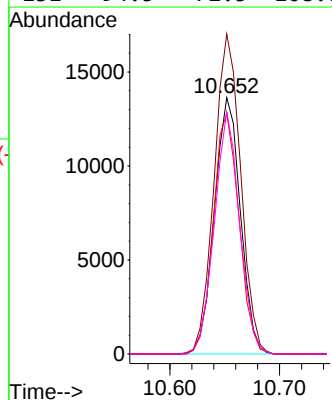
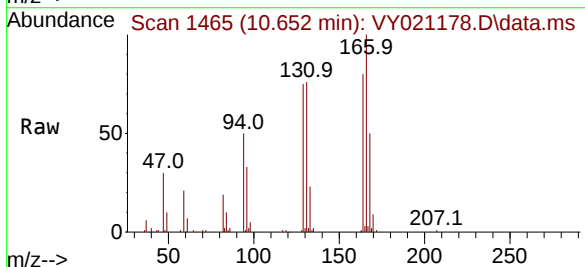
Ion Ratio Lower Upper

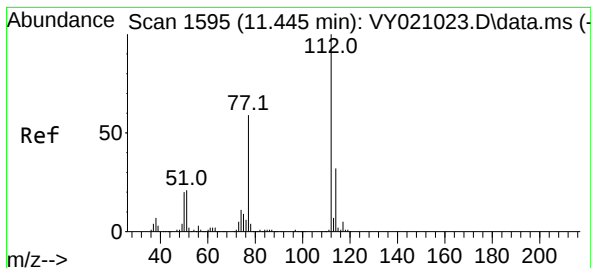
164 100

166 124.9 98.8 148.2

129 93.9 78.9 118.3

131 94.5 72.5 108.7





#65

Chlorobenzene

Concen: 17.675 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

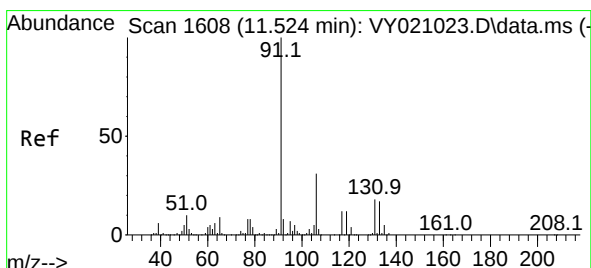
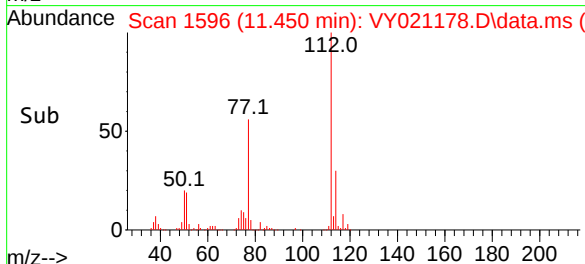
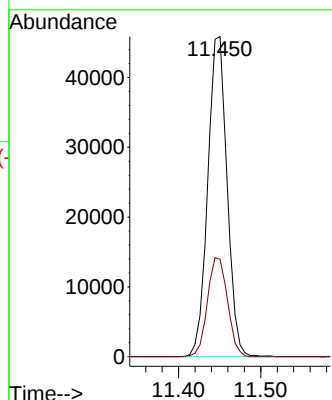
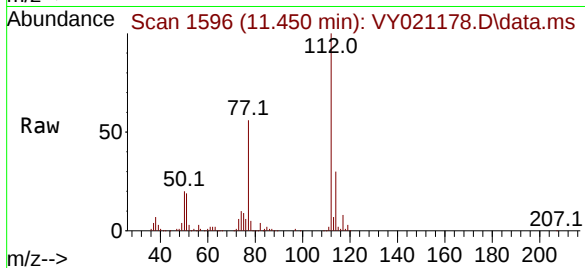
ClientSampleId :

Tgt Ion:112 Resp: 74746

Ion Ratio Lower Upper

112 100

114 30.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.694 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

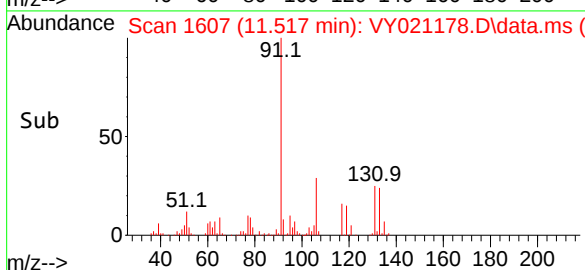
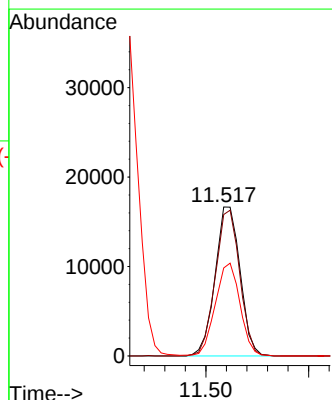
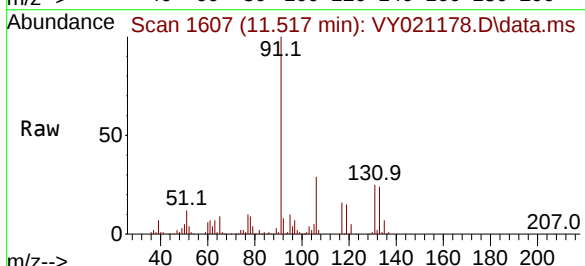
Tgt Ion:131 Resp: 28095

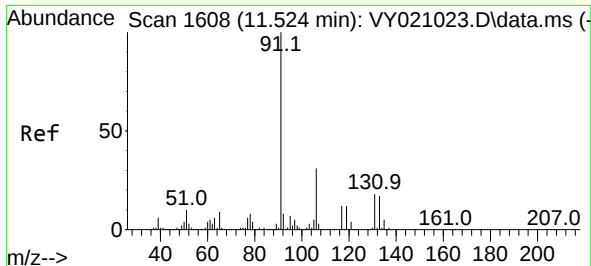
Ion Ratio Lower Upper

131 100

133 95.9 47.0 141.0

119 61.7 33.3 99.9





#67

Ethyl Benzene

Concen: 17.308 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

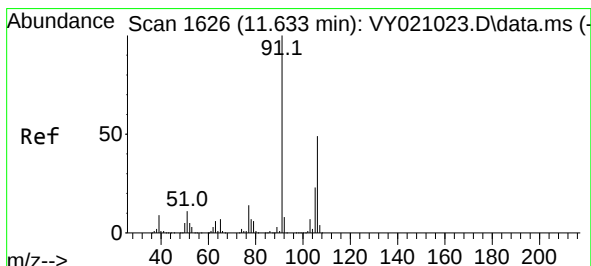
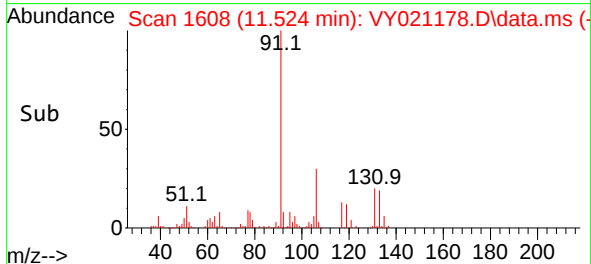
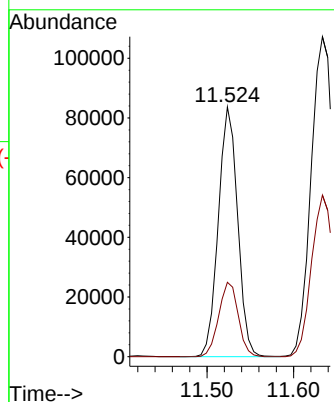
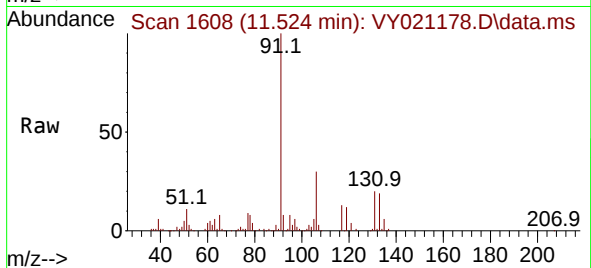
ClientSampleId :

Tgt Ion: 91 Resp: 129466

Ion Ratio Lower Upper

91 100

106 29.8 25.0 37.4



#68

m/p-Xylenes

Concen: 34.977 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021178.D

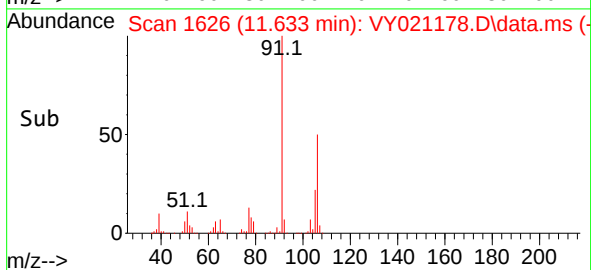
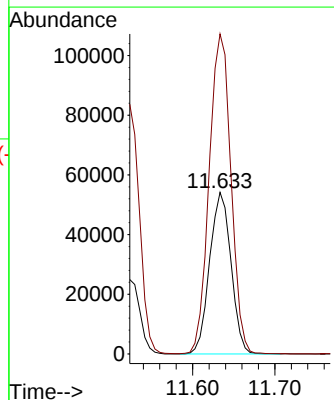
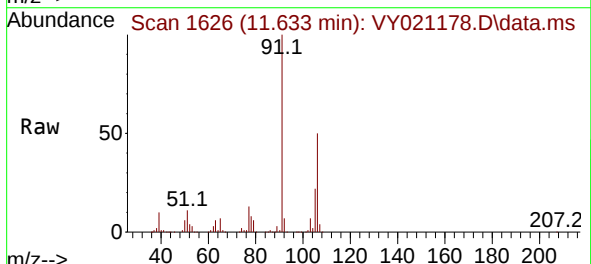
Acq: 12 Feb 2025 12:35

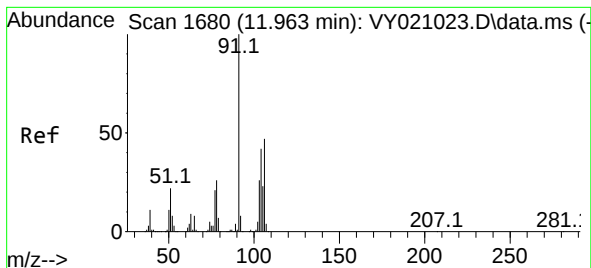
Tgt Ion:106 Resp: 97875

Ion Ratio Lower Upper

106 100

91 202.1 160.7 241.1





#69

o-Xylene

Concen: 17.516 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

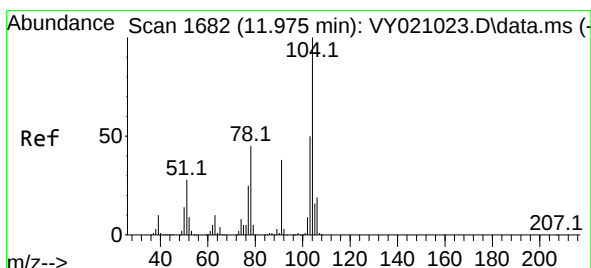
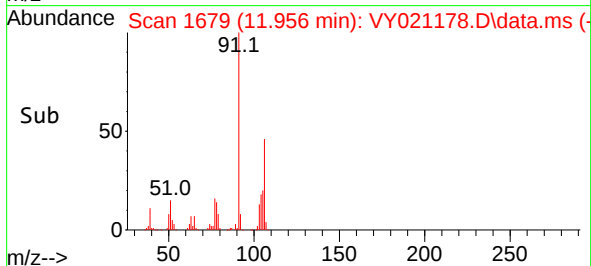
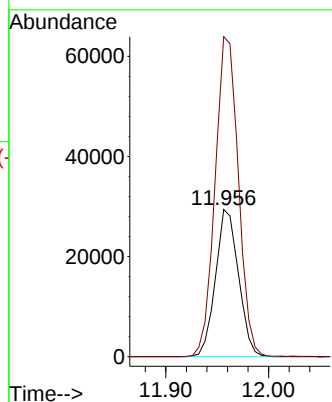
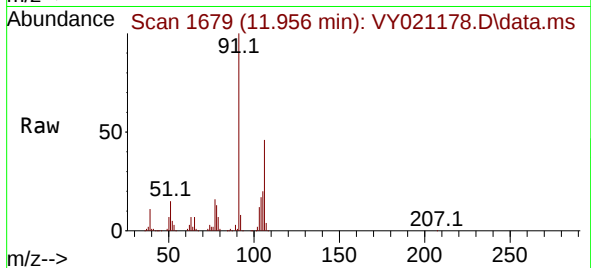
ClientSampleId :

Tgt Ion:106 Resp: 45697

Ion Ratio Lower Upper

106 100

91 220.8 106.5 319.5



#70

Styrene

Concen: 18.204 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

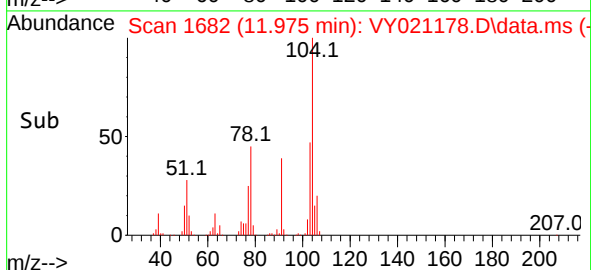
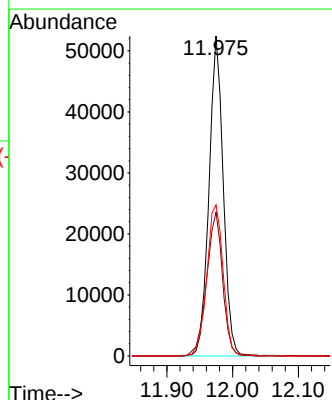
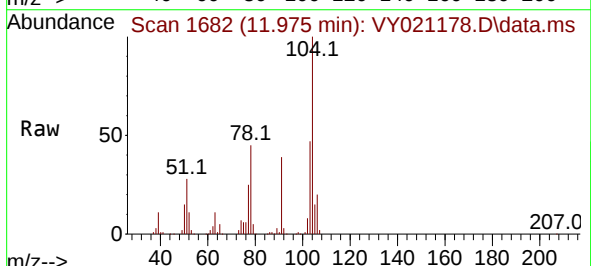
Tgt Ion:104 Resp: 79153

Ion Ratio Lower Upper

104 100

78 50.3 39.2 58.8

103 54.1 43.8 65.6





#71

Bromoform

Concen: 19.825 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

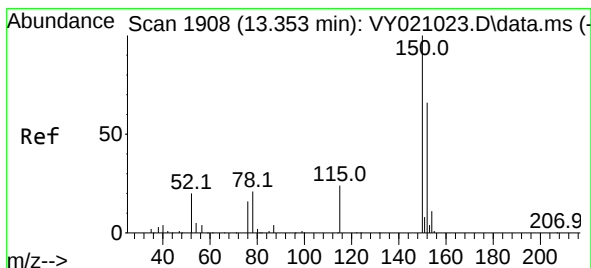
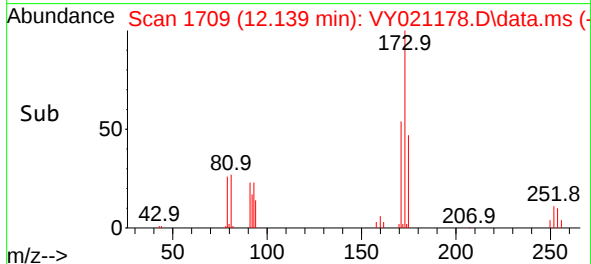
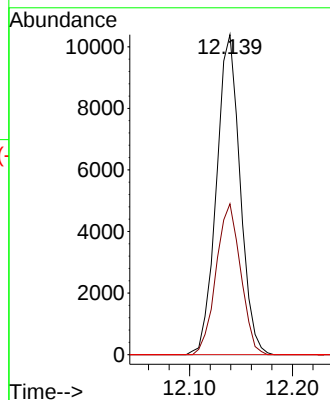
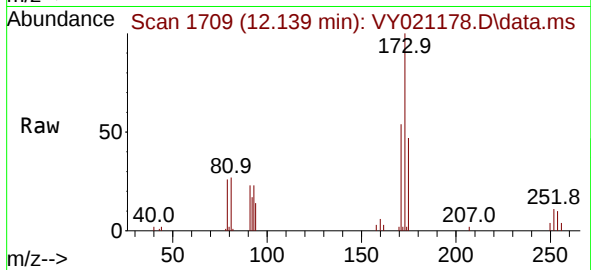
Tgt Ion:173 Resp: 16584

Ion Ratio Lower Upper

173 100

175 48.9 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

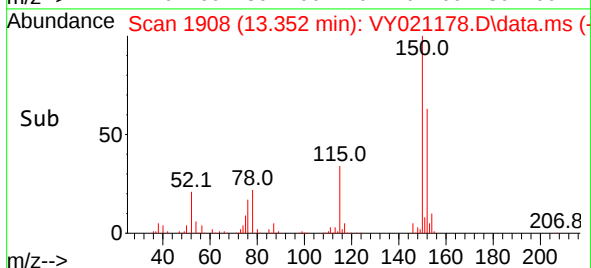
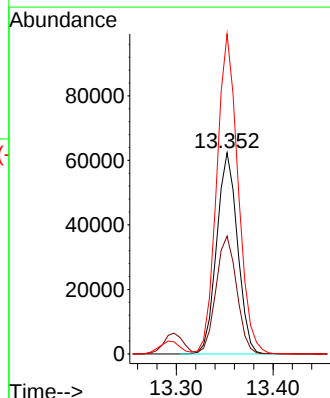
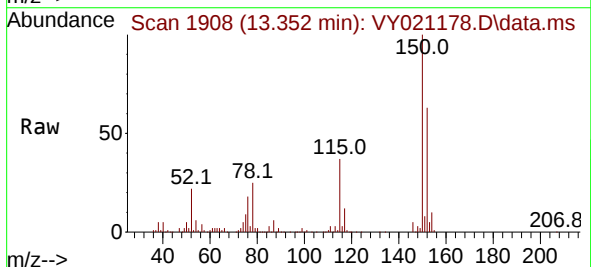
Tgt Ion:152 Resp: 93219

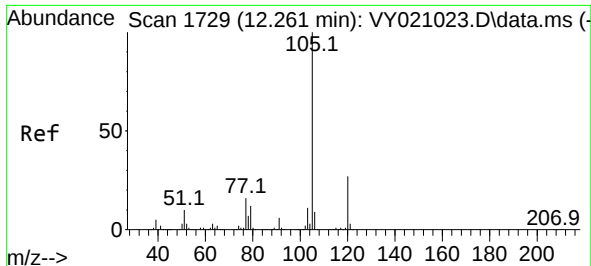
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 163.0 0.0 344.6

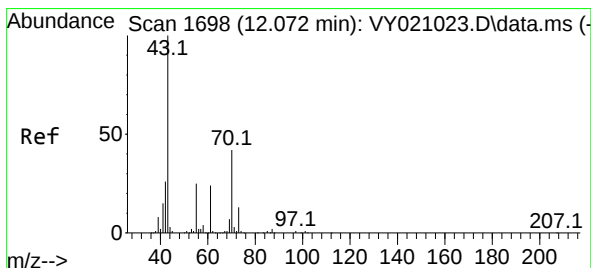
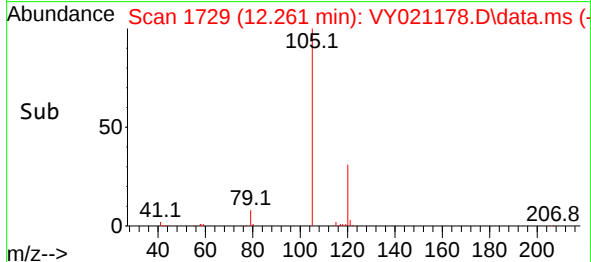
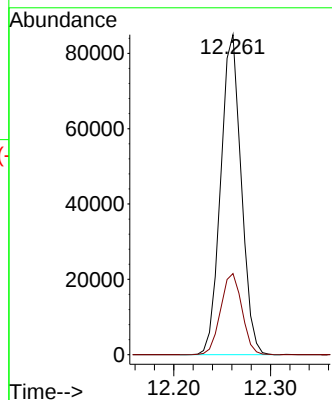
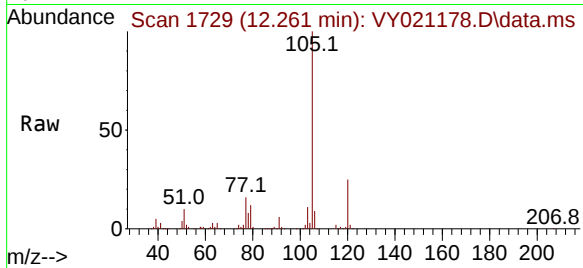




#73
Isopropylbenzene
Concen: 17.180 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

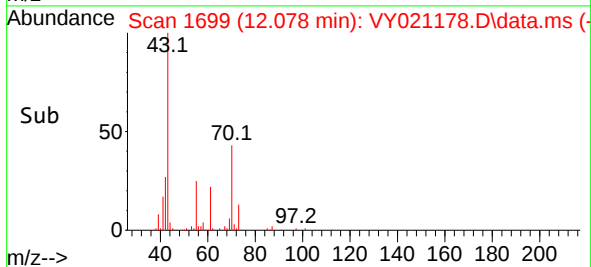
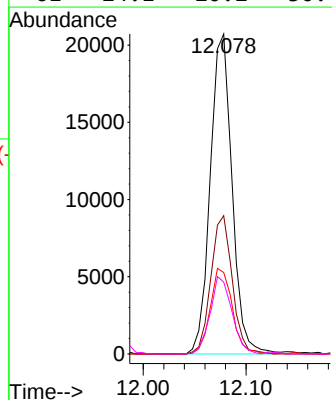
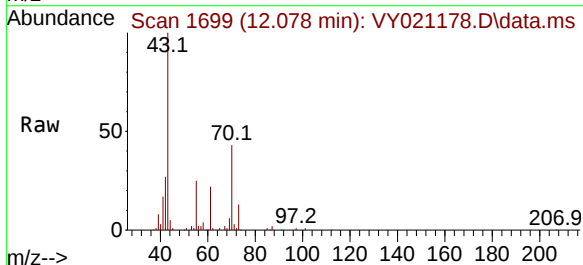
Instrument :
MSVOA_Y
ClientSampleId :

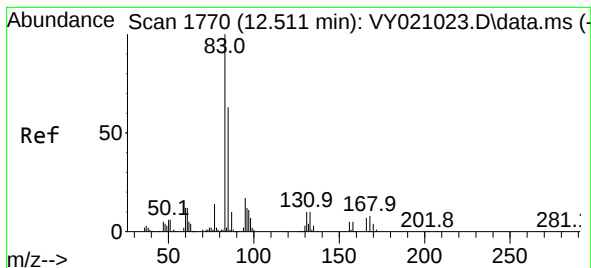
Tgt Ion:105 Resp: 125098
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 19.197 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 43 Resp: 30562
Ion Ratio Lower Upper
43 100
70 42.3 36.6 55.0
55 26.9 22.2 33.4
61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.708 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

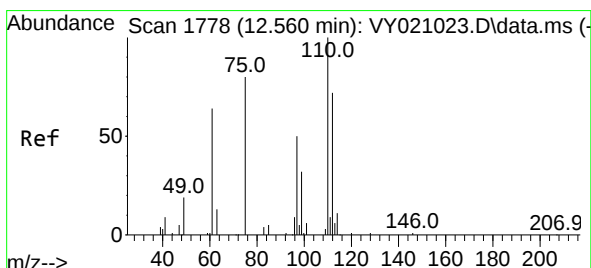
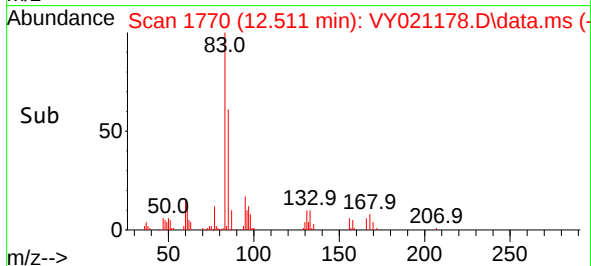
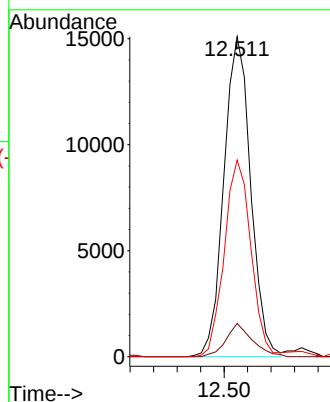
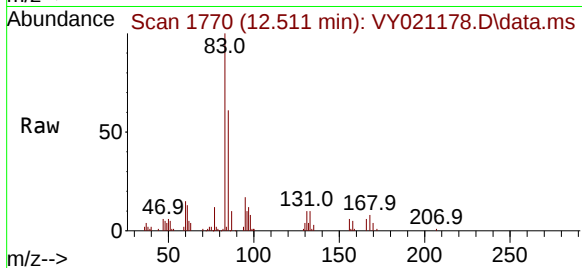
Tgt Ion: 83 Resp: 23867

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

85 61.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.571 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021178.D

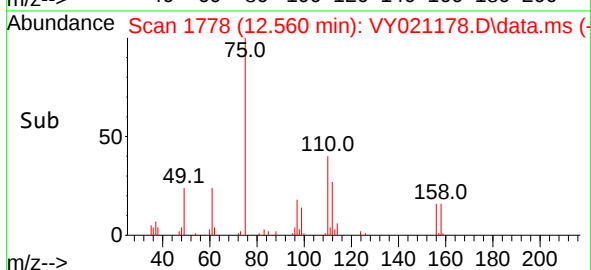
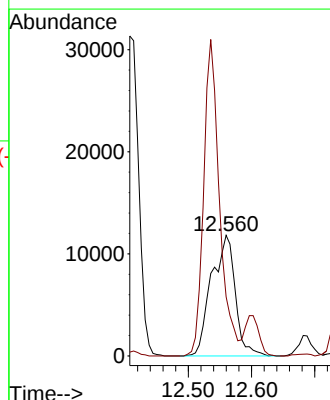
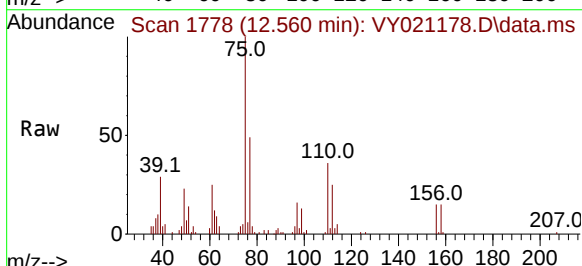
Acq: 12 Feb 2025 12:35

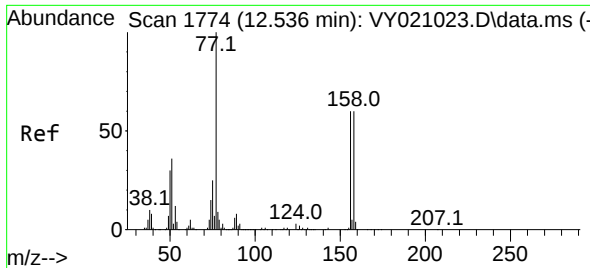
Tgt Ion: 75 Resp: 30925

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

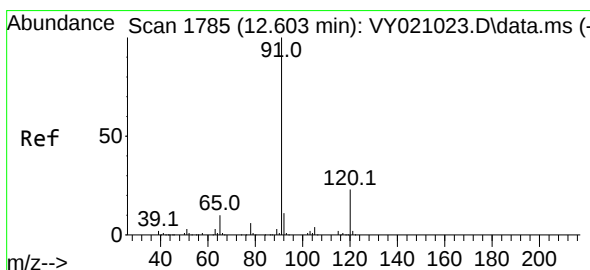
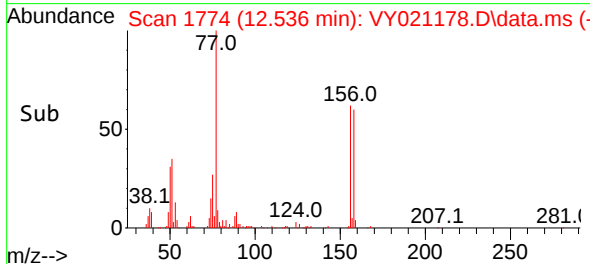
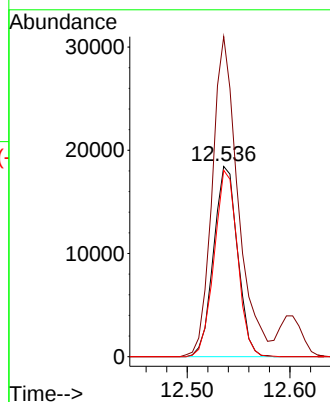
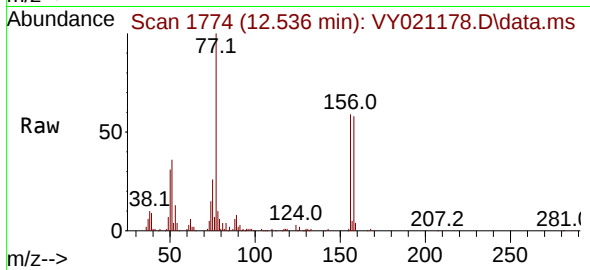




#77
Bromobenzene
Concen: 17.792 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

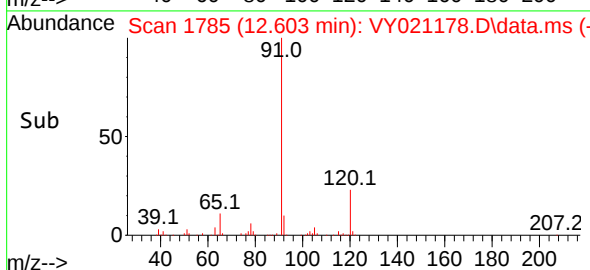
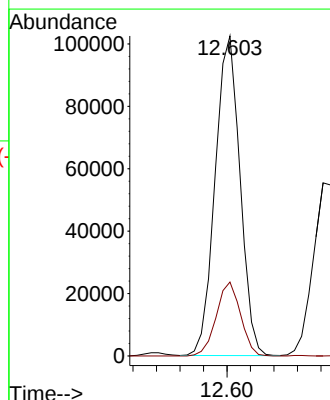
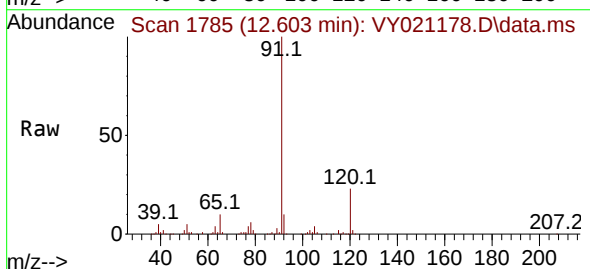
Instrument :
MSVOA_Y
ClientSampleId :

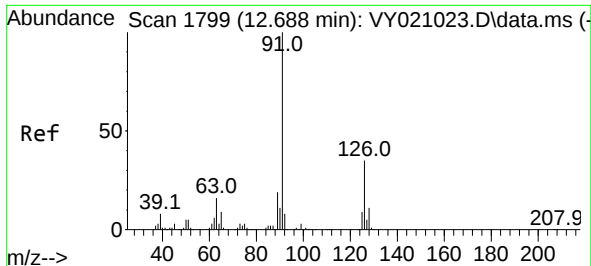
Tgt Ion:156 Resp: 29897
Ion Ratio Lower Upper
156 100
77 180.8 97.3 291.8
158 95.2 48.4 145.0



#78
n-propylbenzene
Concen: 17.373 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 91 Resp: 150698
Ion Ratio Lower Upper
91 100
120 22.5 11.0 33.0

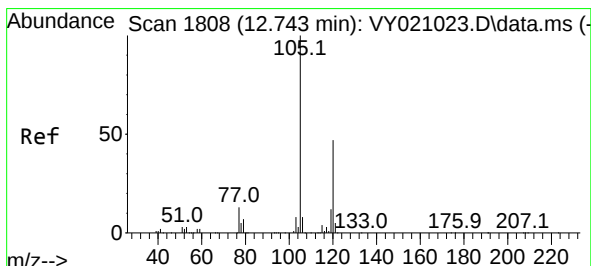
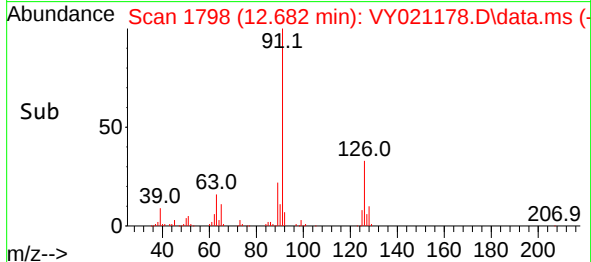
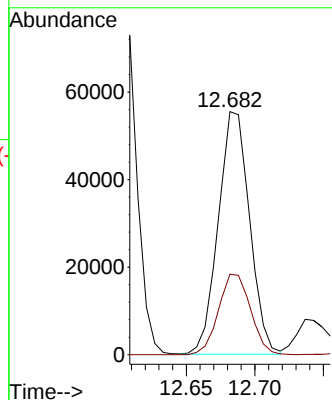
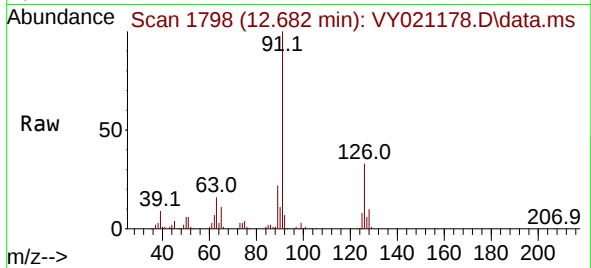




#79
2-Chlorotoluene
Concen: 17.754 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

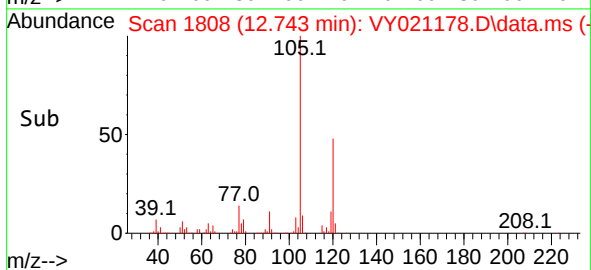
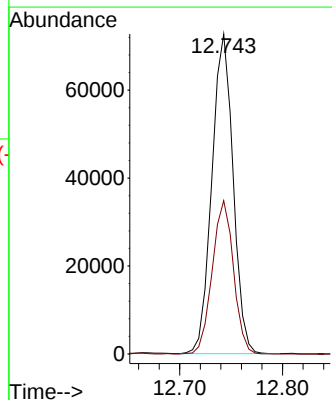
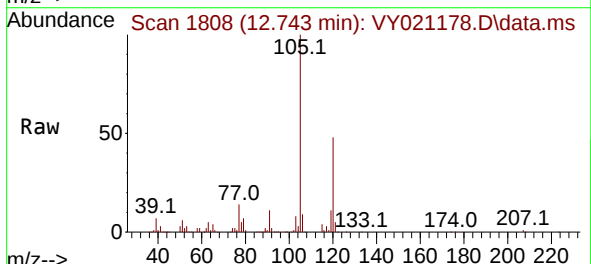
Instrument :
MSVOA_Y
ClientSampleId :

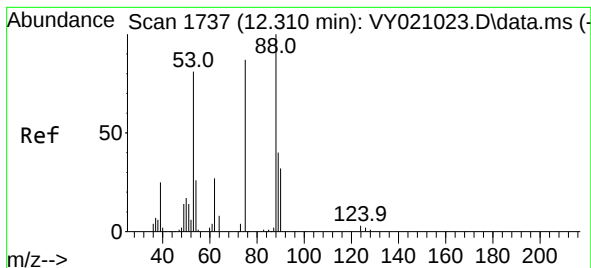
Tgt Ion: 91 Resp: 88204
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 17.617 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion:105 Resp: 104009
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8

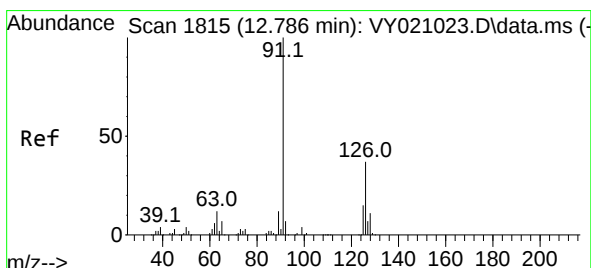
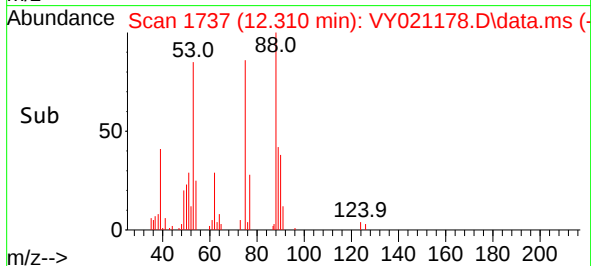
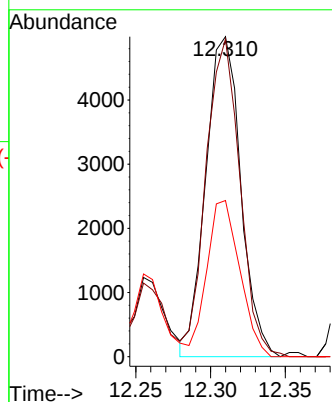
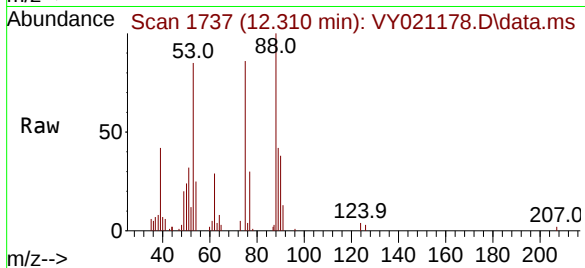




#81
trans-1,4-Dichloro-2-butene
Concen: 19.584 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

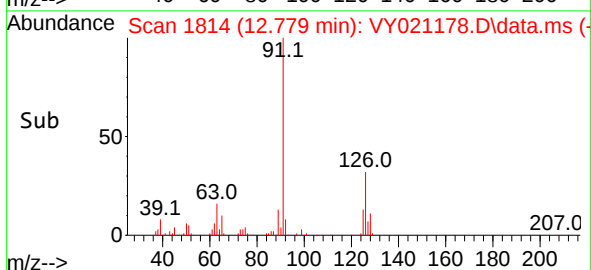
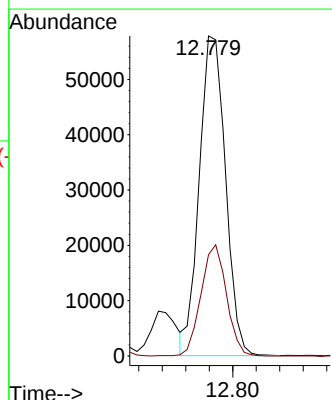
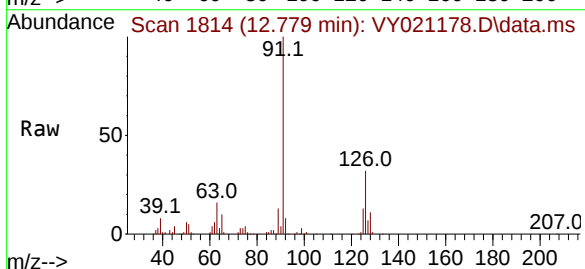
Instrument :
MSVOA_Y
ClientSampleId :

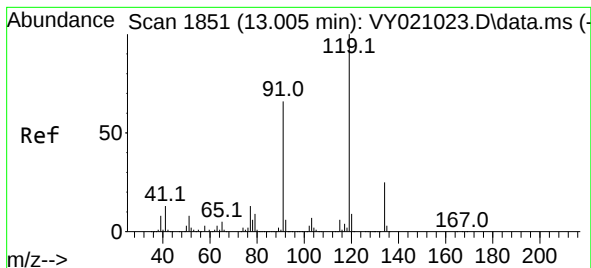
Tgt Ion: 75 Resp: 8116
Ion Ratio Lower Upper
75 100
53 96.1 74.0 111.0
89 45.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 17.709 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

Tgt Ion: 91 Resp: 89638
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 17.531 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021178.D

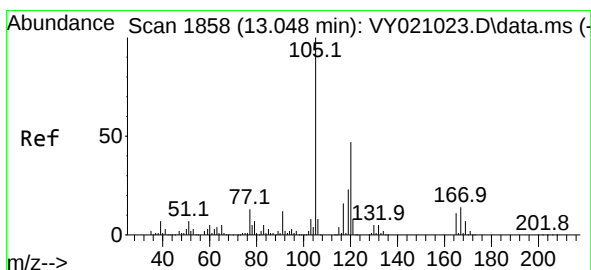
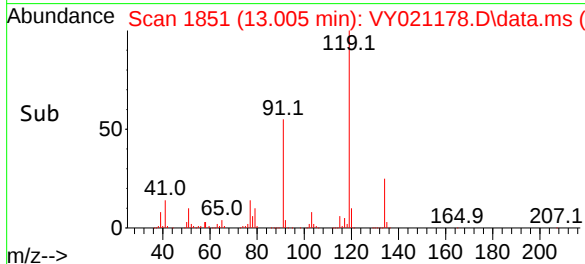
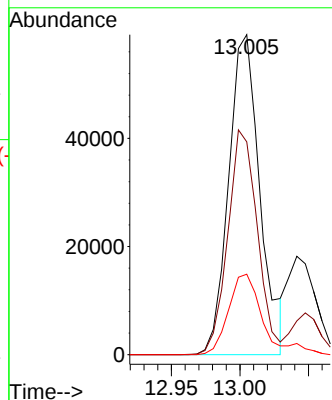
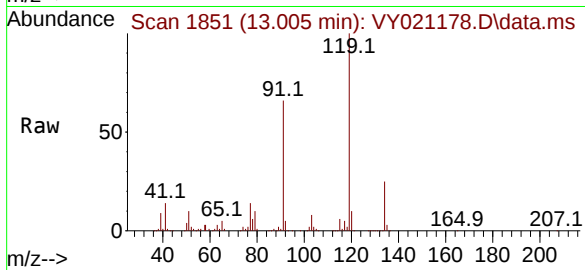
Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	119	Resp:	94076
Ion Ratio	Lower	Upper	
119	100		
91	66.6	31.5	94.5
134	27.6	13.1	39.3



#84

1,2,4-Trimethylbenzene

Concen: 17.631 ug/l

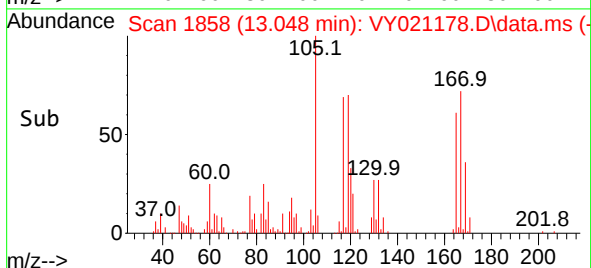
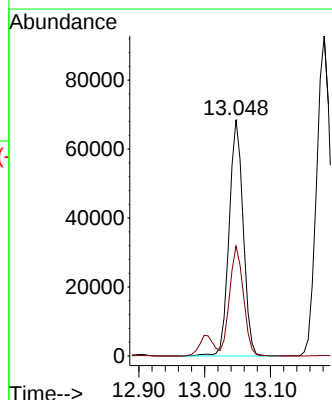
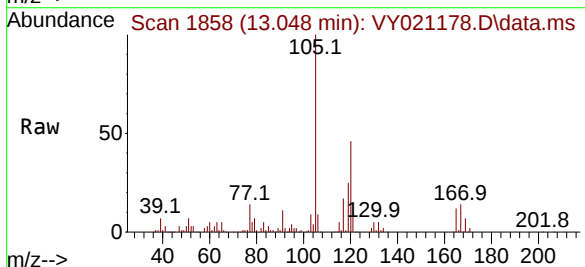
RT: 13.048 min Scan# 1858

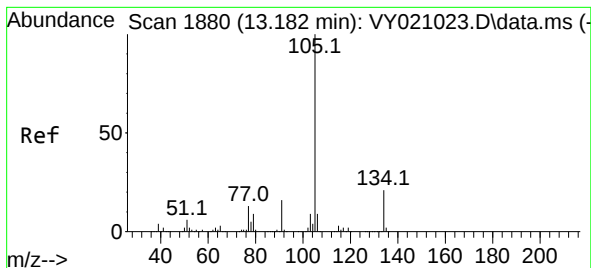
Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Tgt Ion:	105	Resp:	101777
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.1	66.3





#85

sec-Butylbenzene

Concen: 17.800 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

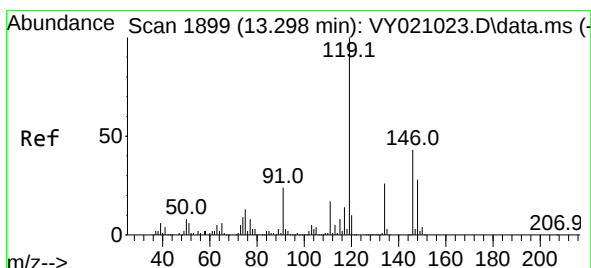
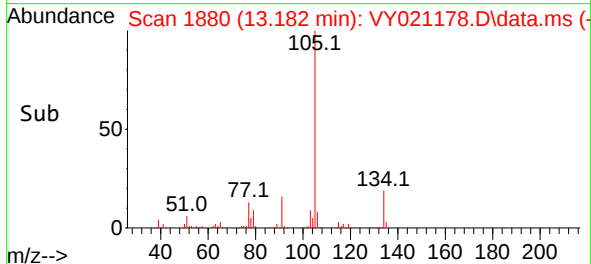
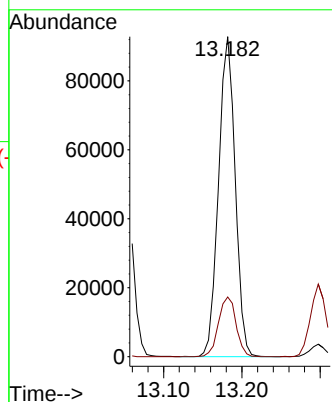
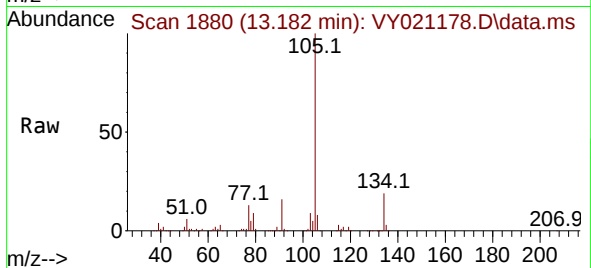
ClientSampleId :

Tgt Ion:105 Resp: 137496

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 17.601 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

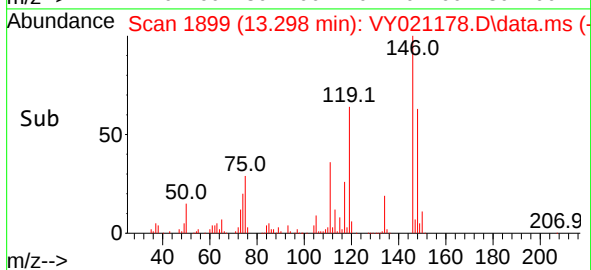
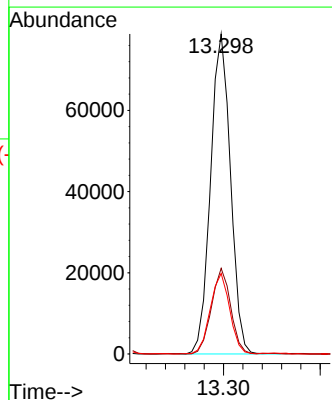
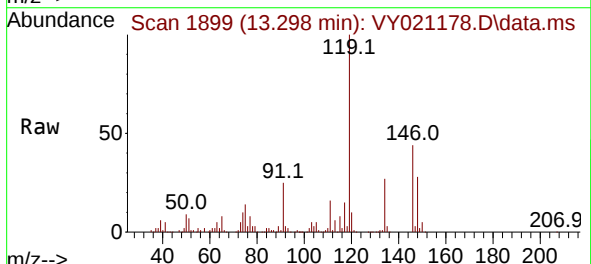
Tgt Ion:119 Resp: 112941

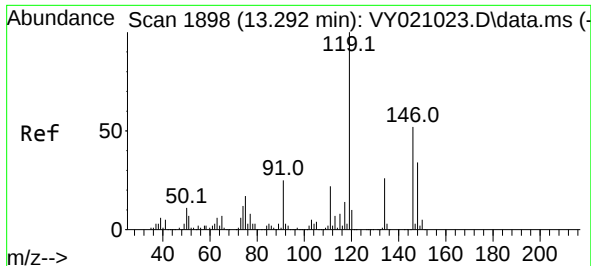
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

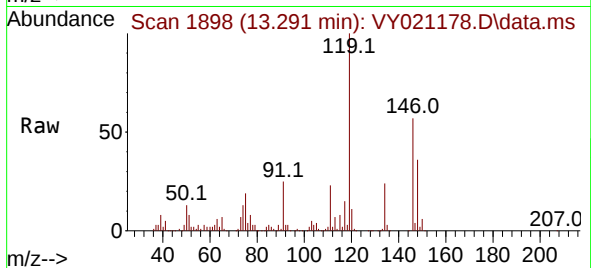
91 24.5 11.7 35.0



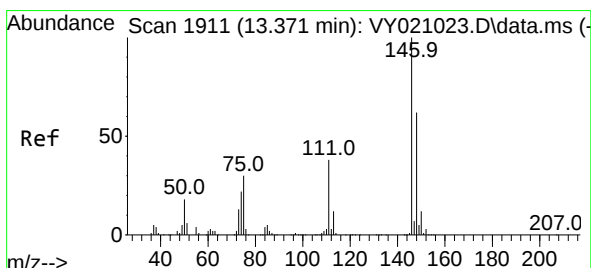
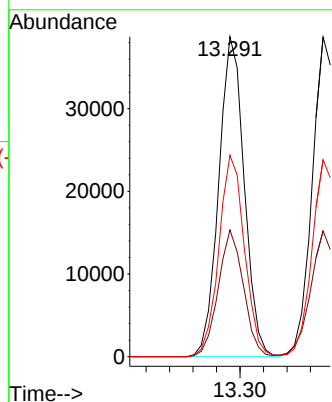
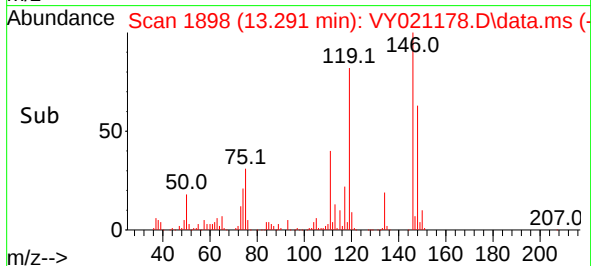


#87
1,3-Dichlorobenzene
Concen: 17.970 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35

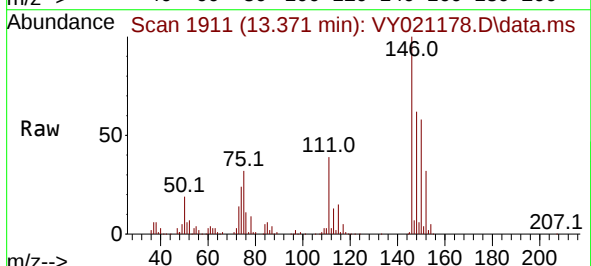
Instrument :
MSVOA_Y
ClientSampleId :



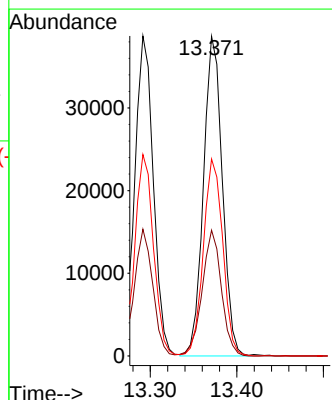
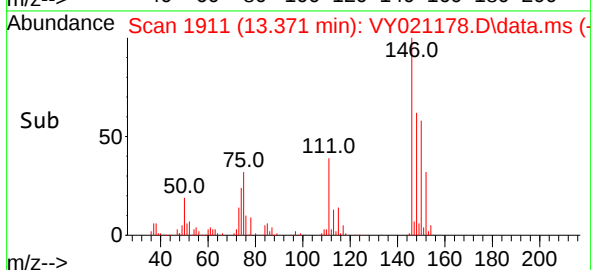
Tgt Ion:146 Resp: 58304
Ion Ratio Lower Upper
146 100
111 39.1 20.2 60.5
148 63.3 31.9 95.9

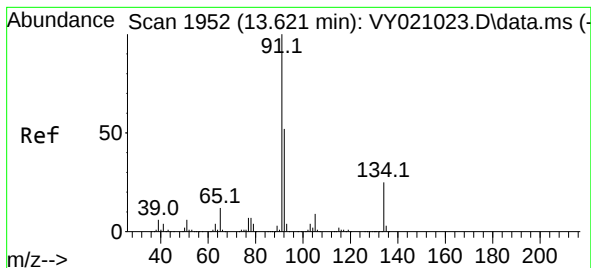


#88
1,4-Dichlorobenzene
Concen: 18.367 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021178.D
Acq: 12 Feb 2025 12:35



Tgt Ion:146 Resp: 58675
Ion Ratio Lower Upper
146 100
111 40.1 19.3 57.9
148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 17.499 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

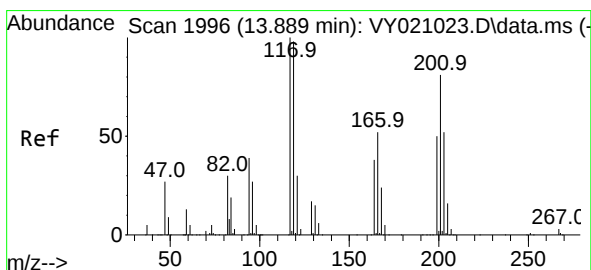
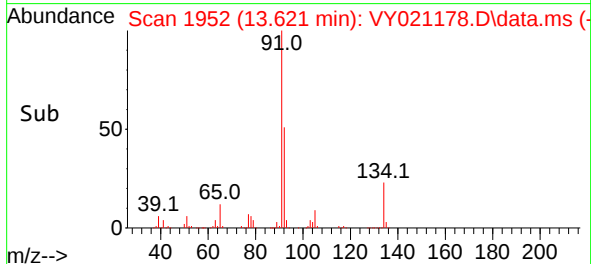
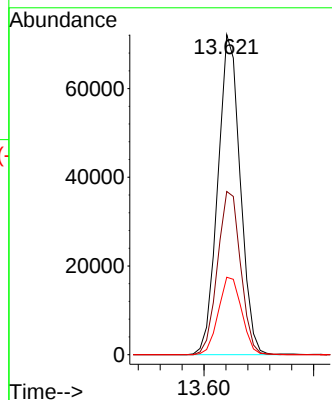
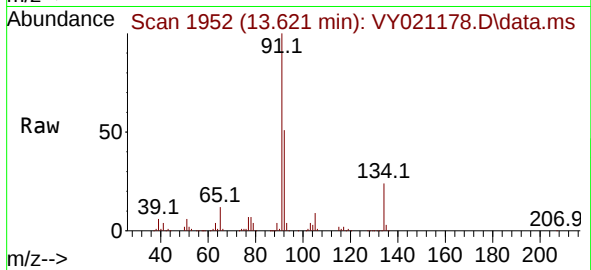
Tgt Ion: 91 Resp: 102435

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.2 12.3 36.8



#90

Hexachloroethane

Concen: 17.886 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY021178.D

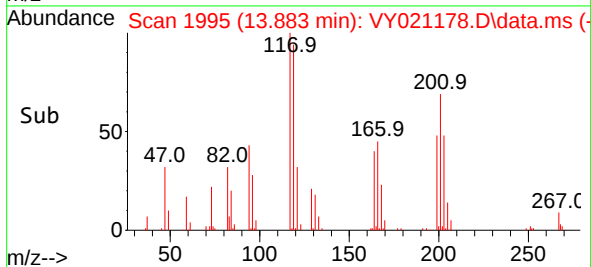
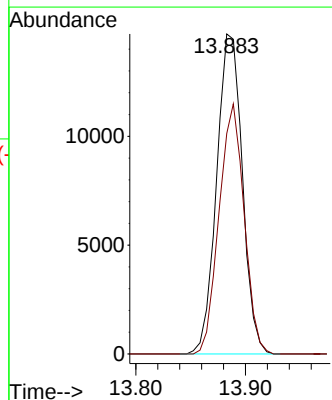
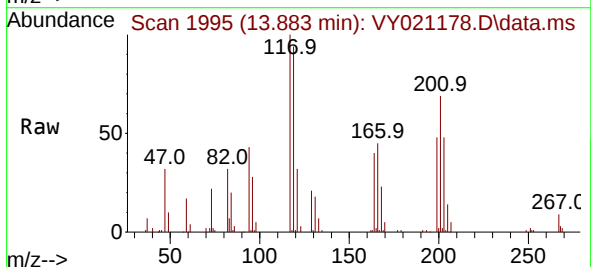
Acq: 12 Feb 2025 12:35

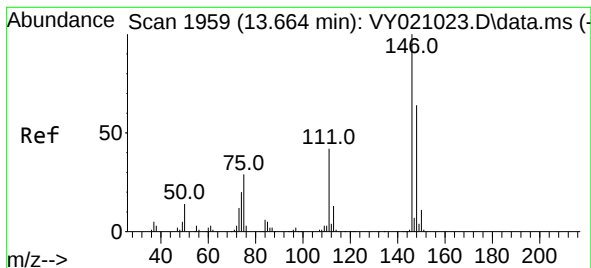
Tgt Ion: 117 Resp: 23942

Ion Ratio Lower Upper

117 100

201 76.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 18.435 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021178.D

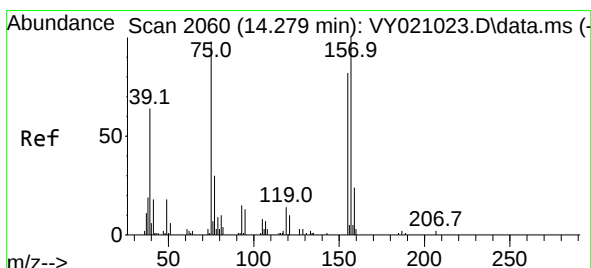
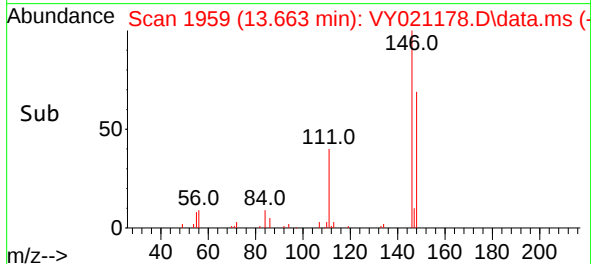
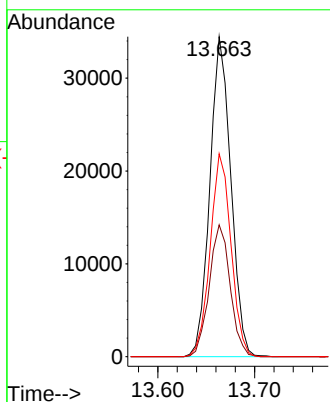
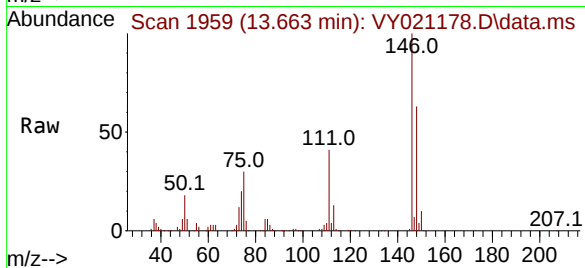
Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	51914
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.6
148	63.0	31.4	94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.456 ug/l

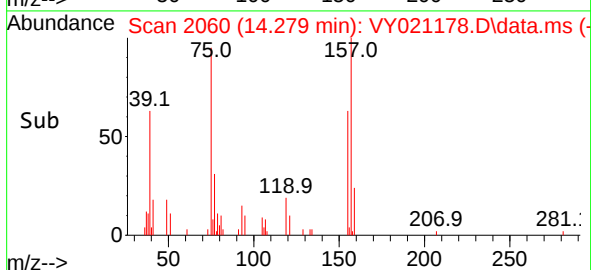
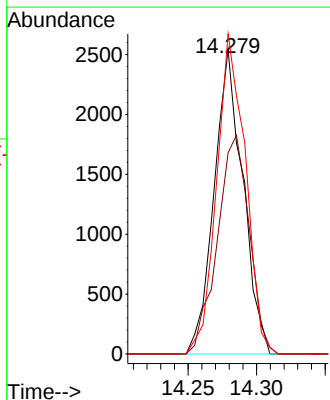
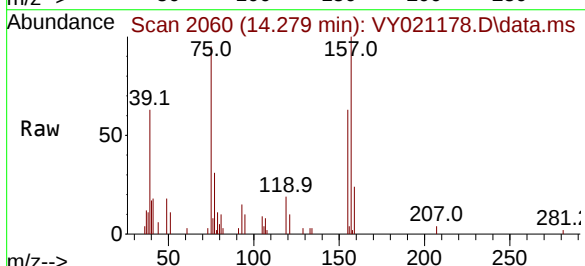
RT: 14.279 min Scan# 2060

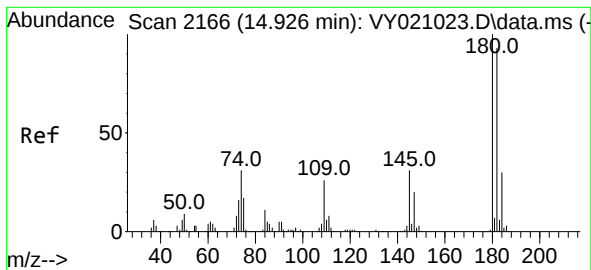
Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Tgt Ion:	75	Resp:	3702
Ion	Ratio	Lower	Upper
75	100		
155	79.7	42.1	126.3
157	104.9	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 17.625 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

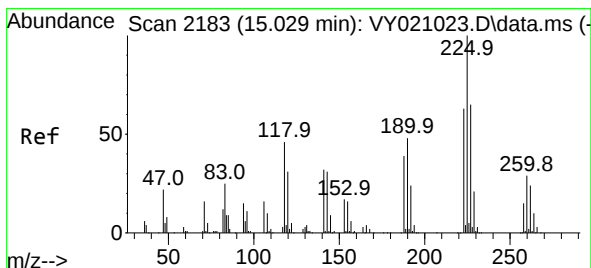
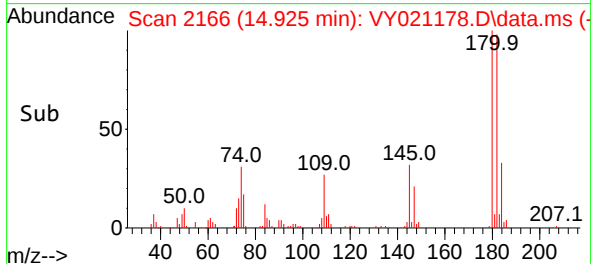
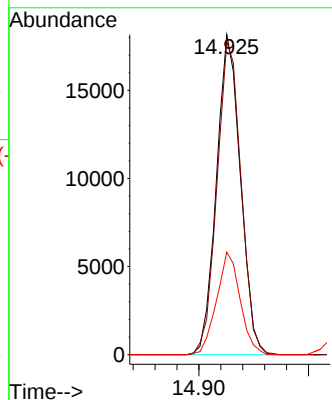
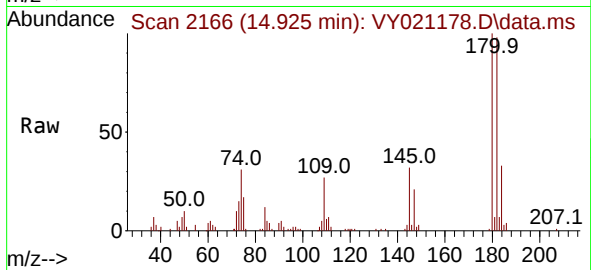
Tgt Ion:180 Resp: 27628

Ion Ratio Lower Upper

180 100

182 98.1 47.9 143.7

145 31.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 17.846 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

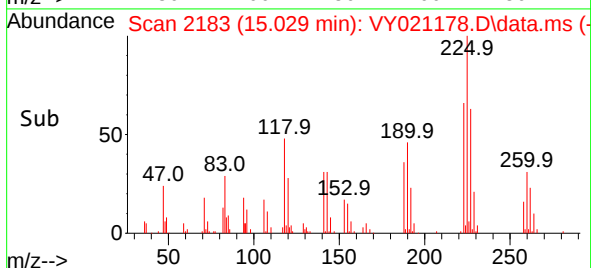
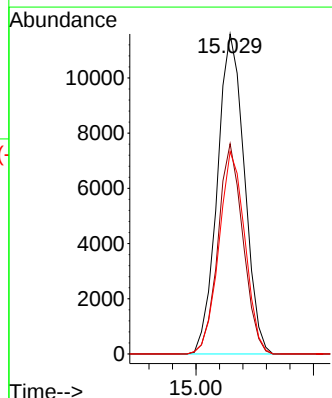
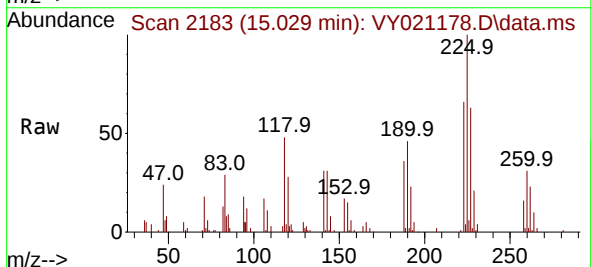
Tgt Ion:225 Resp: 18538

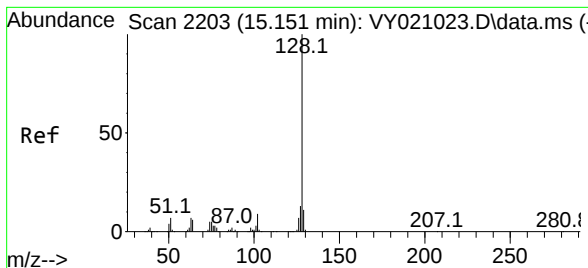
Ion Ratio Lower Upper

225 100

223 60.8 31.4 94.3

227 60.9 32.3 96.8





#95

Naphthalene

Concen: 19.533 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

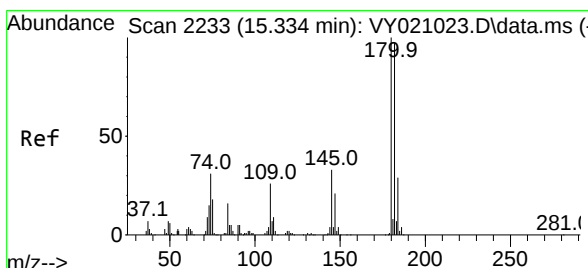
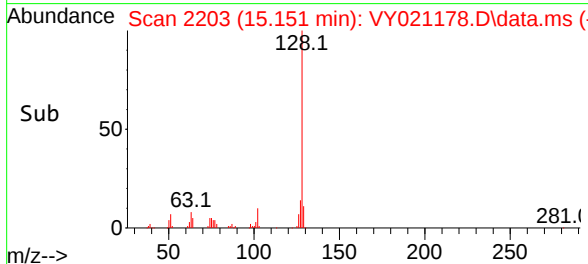
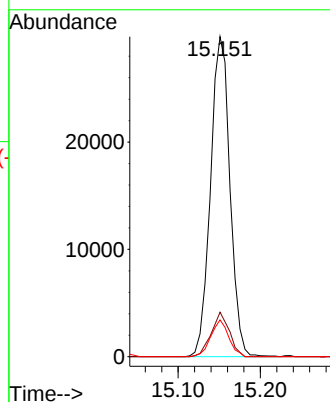
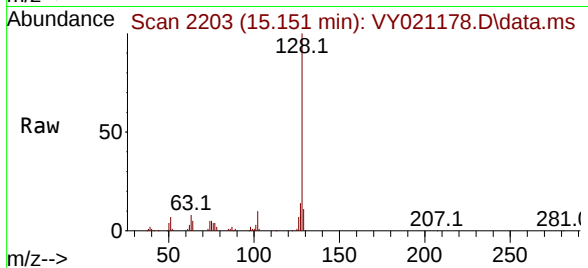
Tgt Ion:128 Resp: 48985

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.767 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021178.D

Acq: 12 Feb 2025 12:35

Tgt Ion:180 Resp: 24482

Ion Ratio Lower Upper

180 100

182 94.5 46.3 138.8

145 32.1 16.1 48.2

