

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021808.D
 Acq On : 09 Apr 2025 10:31
 Operator : SY/MD
 Sample : VY0409SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Quant Time: Apr 10 01:39:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	202198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	309866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	278319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	145498	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	113000	51.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.640	113	107830	53.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.300%	
50) Toluene-d8	10.115	98	418741	54.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.520%	
62) 4-Bromofluorobenzene	12.414	95	137685	53.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38455	18.349	ug/l	99
3) Chloromethane	2.068	50	55592	18.865	ug/l	98
4) Vinyl Chloride	2.208	62	59442	17.836	ug/l	100
5) Bromomethane	2.598	94	41382	18.206	ug/l	94
6) Chloroethane	2.739	64	40989	18.796	ug/l	95
7) Trichlorofluoromethane	3.062	101	80884	18.946	ug/l	98
8) Diethyl Ether	3.464	74	20309	17.493	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	43837	19.469	ug/l	98
10) Methyl Iodide	4.007	142	54600	22.103	ug/l	99
11) Tert butyl alcohol	4.891	59	10229	71.886	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	39060	18.417	ug/l	98
13) Acrolein	3.653	56	10703	41.193	ug/l	91
14) Allyl chloride	4.391	41	59284	17.532	ug/l	99
15) Acrylonitrile	5.067	53	42199	87.052	ug/l	98
16) Acetone	3.879	43	33755	75.285	ug/l	95
17) Carbon Disulfide	4.110	76	127869	18.305	ug/l	96
18) Methyl Acetate	4.391	43	21387	19.246	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	87923	16.651	ug/l	99
20) Methylene Chloride	4.622	84	48598	19.816	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	43743	18.733	ug/l	96
22) Diisopropyl ether	6.025	45	133972	18.886	ug/l	98
23) Vinyl Acetate	5.970	43	345182	83.181	ug/l	99
24) 1,1-Dichloroethane	5.921	63	81504	19.215	ug/l	99
25) 2-Butanone	6.902	43	51106	79.803	ug/l	99
26) 2,2-Dichloropropane	6.890	77	70953	18.805	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	47494	18.086	ug/l	98
28) Bromochloromethane	7.250	49	34819	19.465	ug/l	98
29) Tetrahydrofuran	7.268	42	32831	79.657	ug/l	98
30) Chloroform	7.427	83	85660	19.417	ug/l	97
31) Cyclohexane	7.713	56	68217	17.643	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	77107	19.338	ug/l	98
36) 1,1-Dichloropropene	7.841	75	59361	19.389	ug/l	97
37) Ethyl Acetate	6.994	43	24184	16.737	ug/l	96
38) Carbon Tetrachloride	7.823	117	69243	19.746	ug/l	99
39) Methylcyclohexane	9.115	83	66255	18.115	ug/l	96
40) Benzene	8.085	78	182411	19.895	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11522	15.015	ug/l #	100
42) 1,2-Dichloroethane	8.164	62	50962	19.716	ug/l	100
43) Isopropyl Acetate	8.201	43	47047	17.182	ug/l	99
44) Trichloroethene	8.872	130	47012	20.124	ug/l	97
45) 1,2-Dichloropropane	9.146	63	43921	20.237	ug/l	100
46) Dibromomethane	9.237	93	24977	19.969	ug/l	97
47) Bromodichloromethane	9.432	83	64844	20.007	ug/l	99
48) Methyl methacrylate	9.225	41	20674	16.451	ug/l	97
49) 1,4-Dioxane	9.231	88	4599	343.228	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	123317	86.541	ug/l	98
52) Toluene	10.176	92	114434	20.004	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	52908	18.379	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	62896	18.520	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	32651	20.285	ug/l	97
56) Ethyl methacrylate	10.445	69	34449	16.761	ug/l	99
57) 1,3-Dichloropropane	10.725	76	52061	18.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	94411	94.161	ug/l	100
59) 2-Hexanone	10.768	43	78808	83.043	ug/l	98
60) Dibromochloromethane	10.920	129	42968	19.552	ug/l	98
61) 1,2-Dibromoethane	11.024	107	28943	19.168	ug/l	98
64) Tetrachloroethene	10.652	164	55848	22.032	ug/l	95
65) Chlorobenzene	11.450	112	123571	19.369	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	45198	19.967	ug/l	99
67) Ethyl Benzene	11.530	91	209802	19.177	ug/l	100
68) m/p-Xylenes	11.633	106	163506	39.029	ug/l	99
69) o-Xylene	11.963	106	72082	18.640	ug/l	99
70) Styrene	11.975	104	125496	19.464	ug/l	97
71) Bromoform	12.139	173	24648	19.089	ug/l #	98
73) Isopropylbenzene	12.261	105	194735	18.020	ug/l	99
74) N-amyl acetate	12.078	43	40416	15.935	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	33567	17.276	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	45253	31.376	ug/l #	100
77) Bromobenzene	12.542	156	48071	18.527	ug/l	98
78) n-propylbenzene	12.603	91	242670	18.678	ug/l	100
79) 2-Chlorotoluene	12.688	91	140056	18.560	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	164775	18.656	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	10037	16.035	ug/l	97
82) 4-Chlorotoluene	12.786	91	148491	18.875	ug/l	99
83) tert-Butylbenzene	13.005	119	139885	17.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	164934	18.894	ug/l	99
85) sec-Butylbenzene	13.182	105	214095	18.622	ug/l	99
86) p-Isopropyltoluene	13.298	119	175936	18.516	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	97485	19.070	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	96418	19.090	ug/l	98
89) n-Butylbenzene	13.627	91	157112	17.879	ug/l	99
90) Hexachloroethane	13.889	117	36945	17.743	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	83902	18.854	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4919	16.335	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	42816	17.742	ug/l	99
94) Hexachlorobutadiene	15.029	225	28834	19.131	ug/l	100
95) Naphthalene	15.157	128	63683	15.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	36350	17.664	ug/l	97

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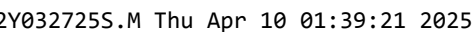
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

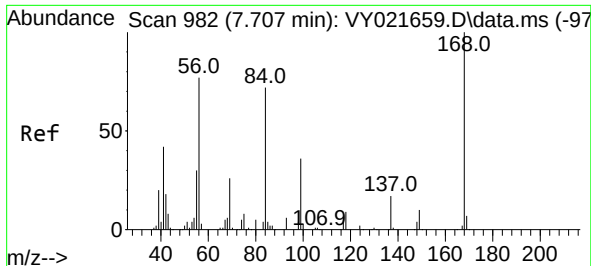
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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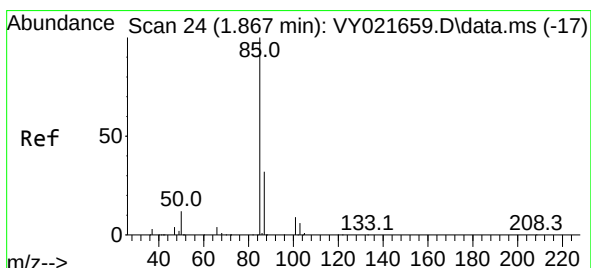
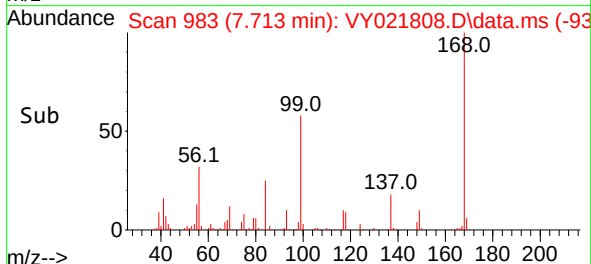
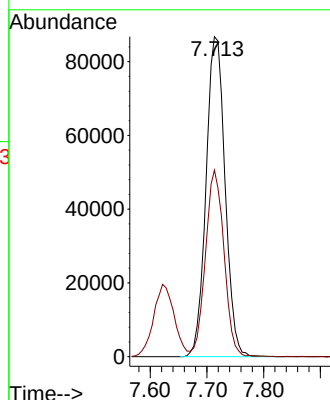
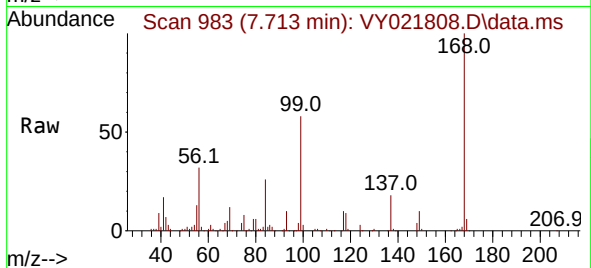




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021808.D
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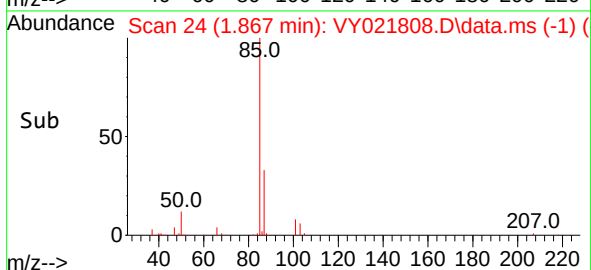
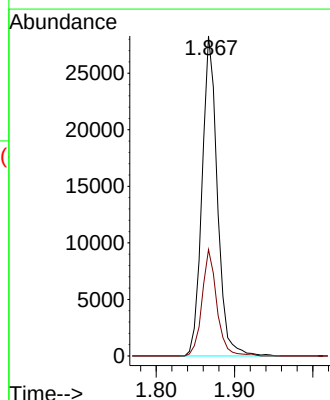
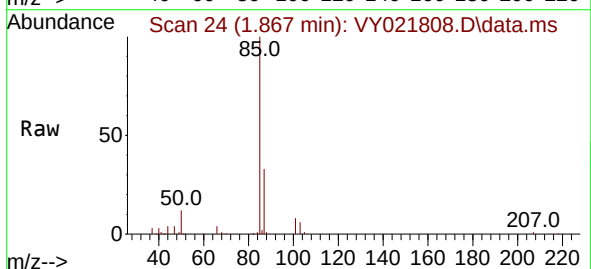
Instrument :
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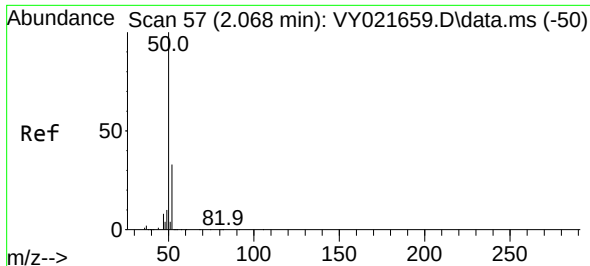
Tgt Ion:168 Resp: 202198
Ion Ratio Lower Upper
168 100
99 58.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.349 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 85 Resp: 38455
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6

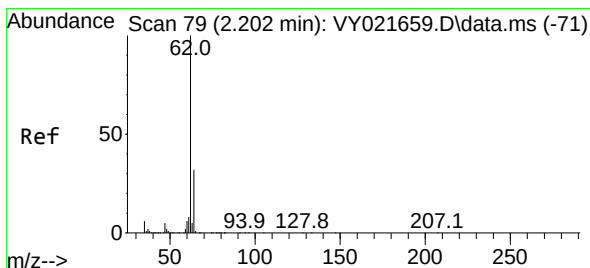
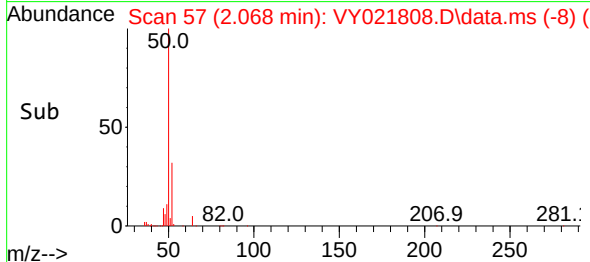
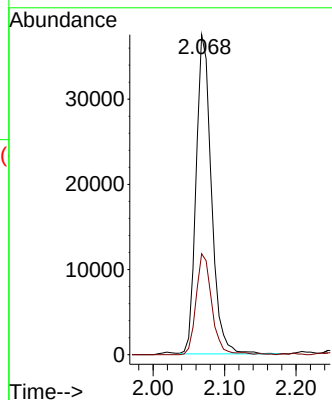
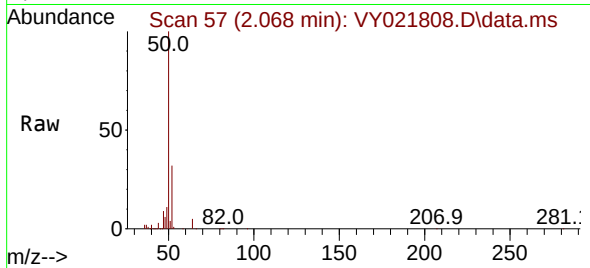




#3
Chloromethane
Concen: 18.865 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

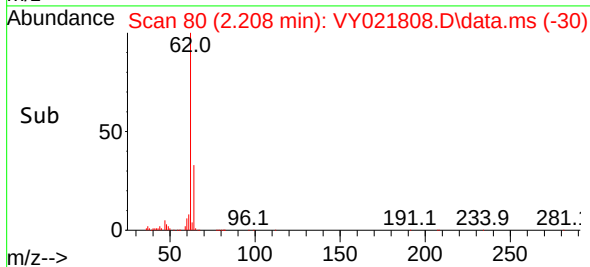
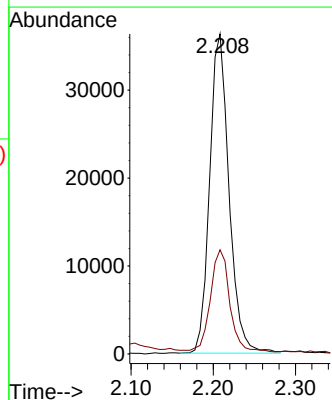
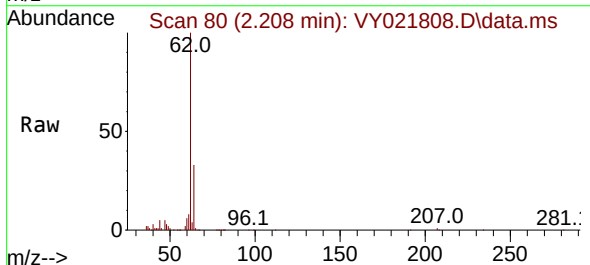
Instrument :
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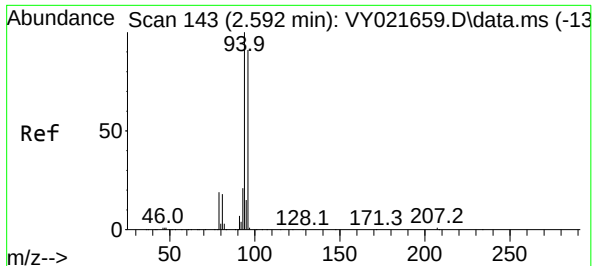
Tgt Ion: 50 Resp: 55592
Ion Ratio Lower Upper
50 100
52 31.6 26.3 39.5



#4
Vinyl Chloride
Concen: 17.836 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 62 Resp: 59442
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

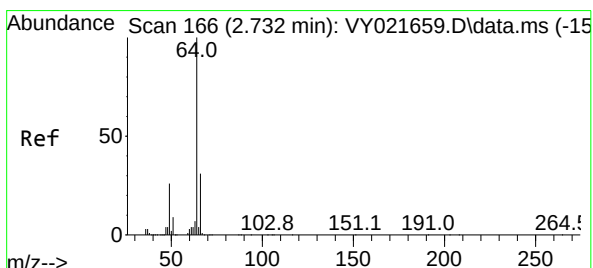
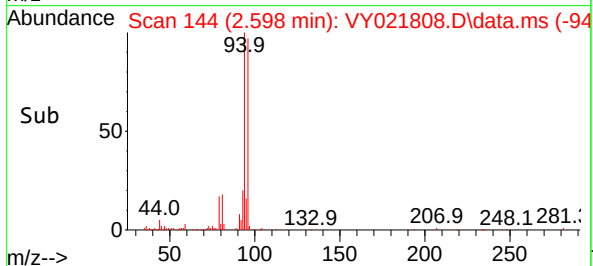
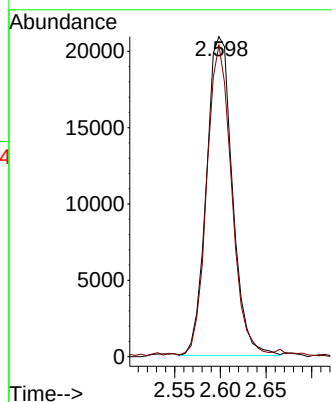
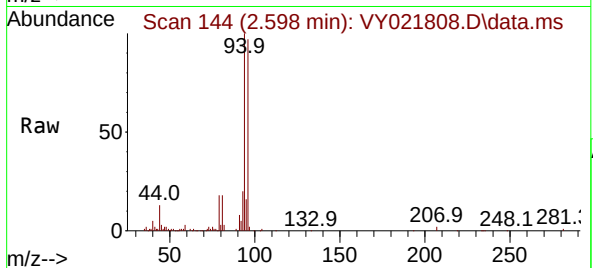




#5
Bromomethane
Concen: 18.206 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

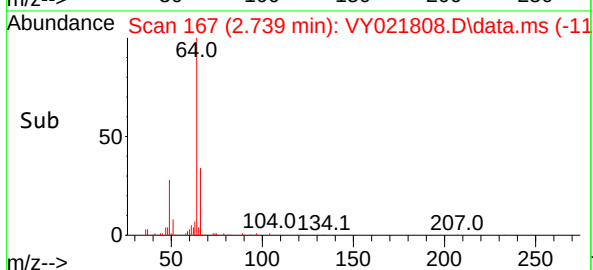
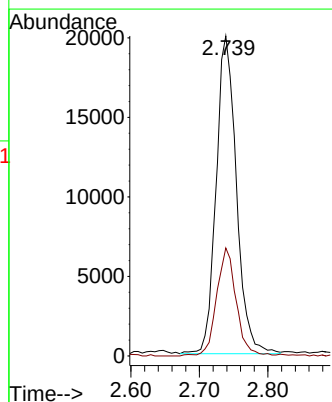
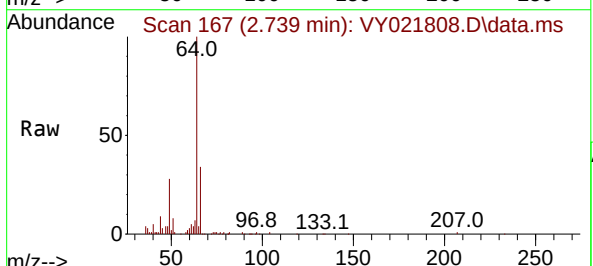
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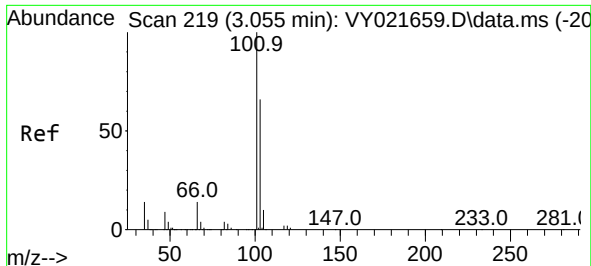
Tgt Ion: 94 Resp: 41382
Ion Ratio Lower Upper
94 100
96 97.1 72.8 109.2



#6
Chloroethane
Concen: 18.796 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 64 Resp: 40989
Ion Ratio Lower Upper
64 100
66 34.0 24.9 37.3

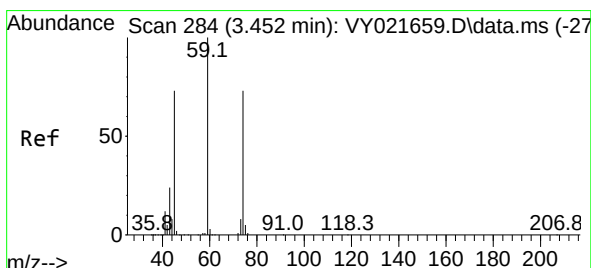
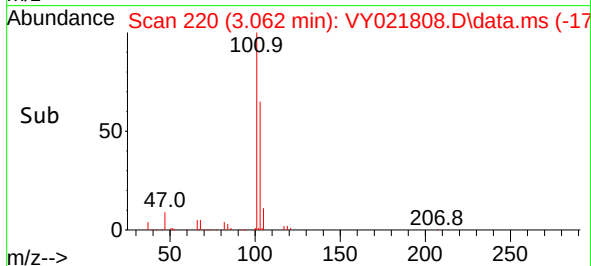
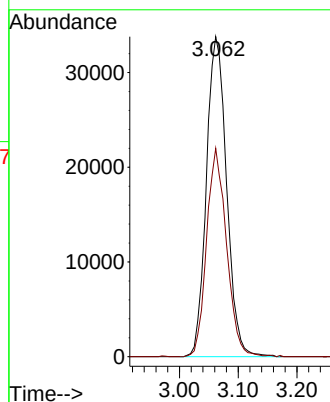
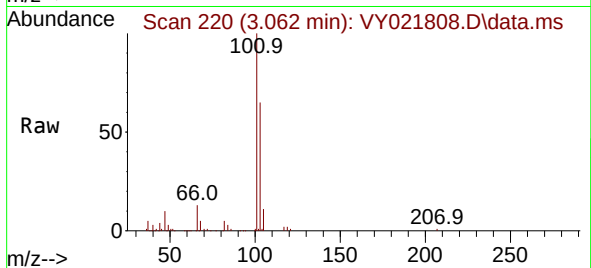




#7
 Trichlorofluoromethane
 Concen: 18.946 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

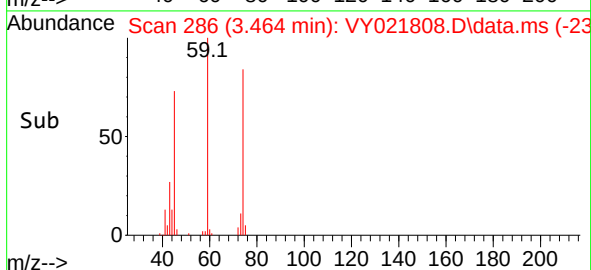
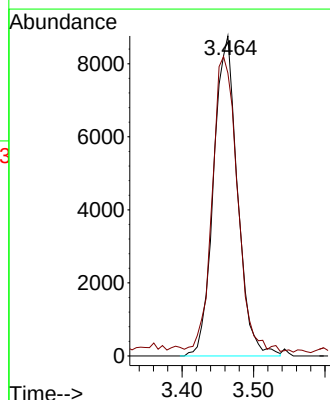
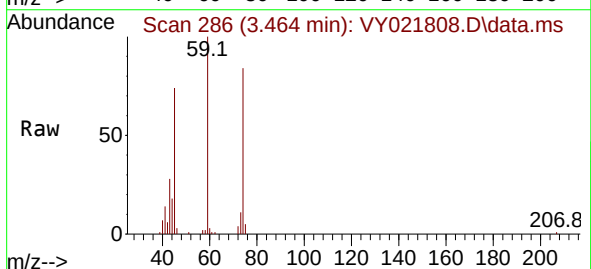
Instrument :
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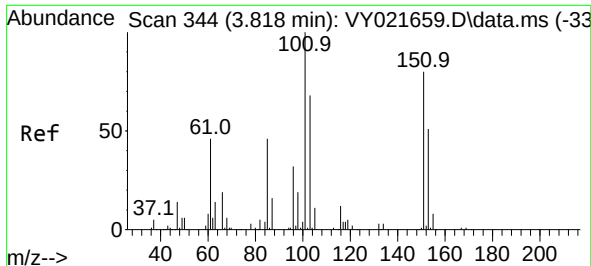
Tgt Ion:101 Resp: 80884
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.1 79.7



#8
 Diethyl Ether
 Concen: 17.493 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 20309
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.6 145.8

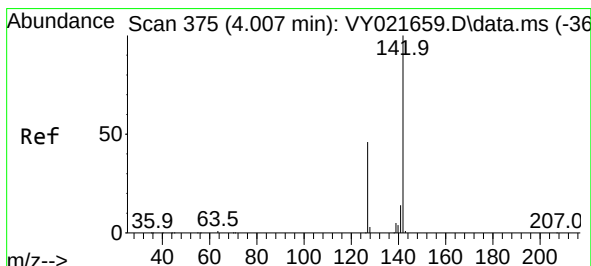
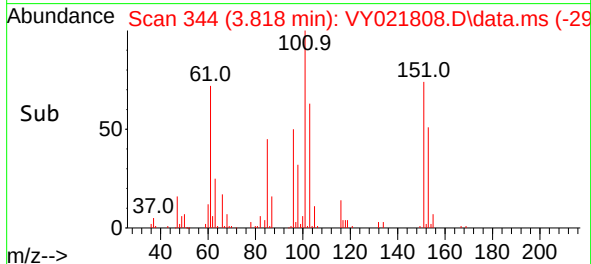
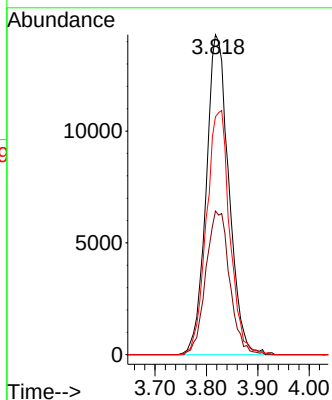
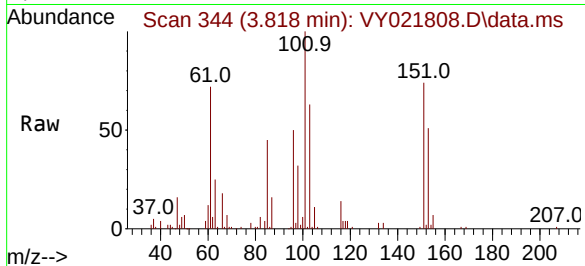




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.469 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

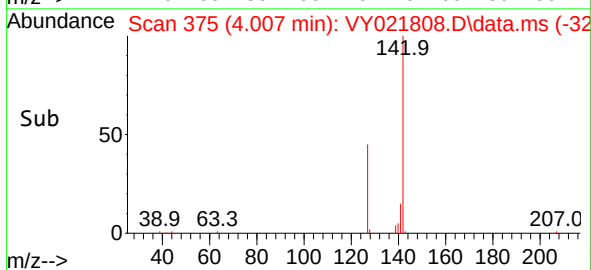
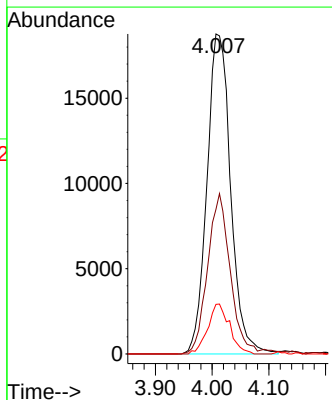
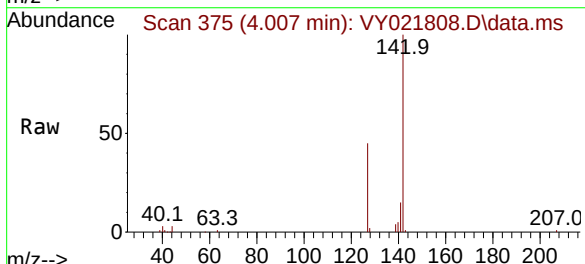
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

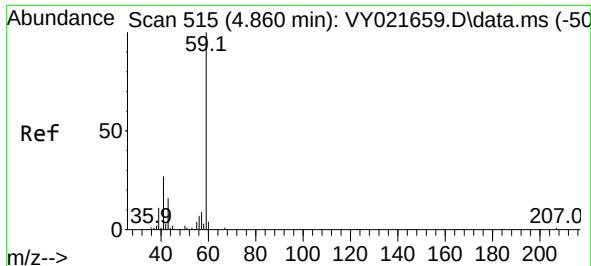
Tgt Ion:101 Resp: 43837
Ion Ratio Lower Upper
101 100
85 47.2 36.3 54.5
151 78.3 61.3 91.9



#10
Methyl Iodide
Concen: 22.103 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion:142 Resp: 54600
Ion Ratio Lower Upper
142 100
127 47.6 38.7 58.1
141 14.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 71.886 ug/l

RT: 4.891 min Scan# 515

Delta R.T. 0.031 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

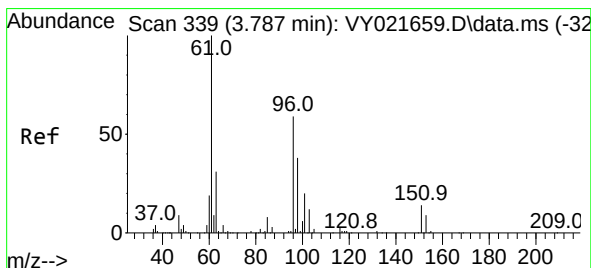
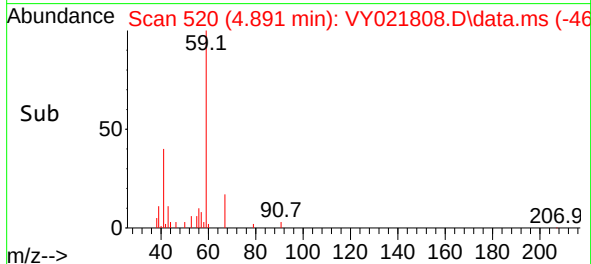
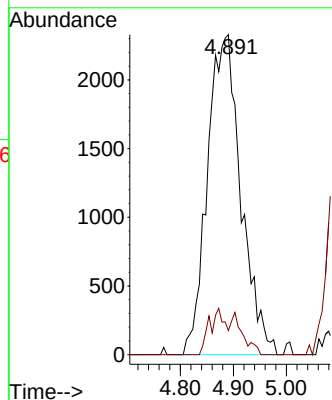
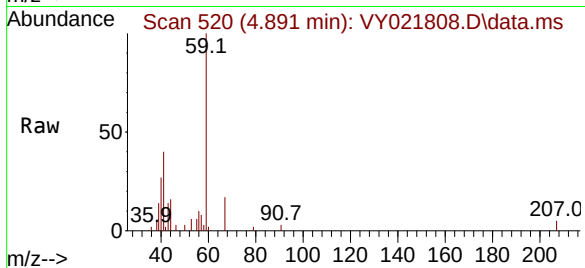
VY0409SBS01

Tgt Ion: 59 Resp: 10229

Ion Ratio Lower Upper

59 100

57 4.8 9.2 13.8#



#12

1,1-Dichloroethene

Concen: 18.417 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

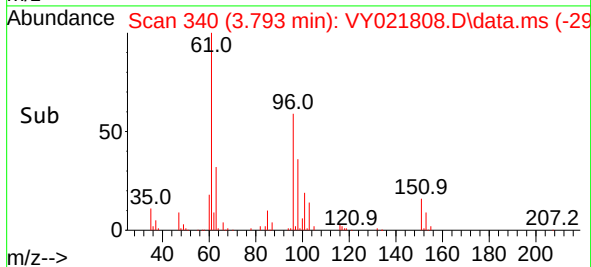
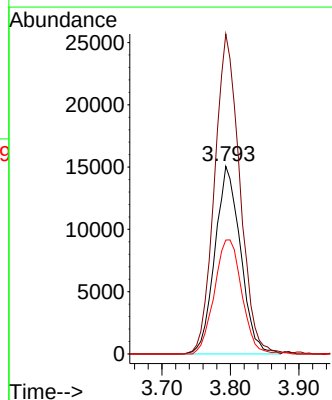
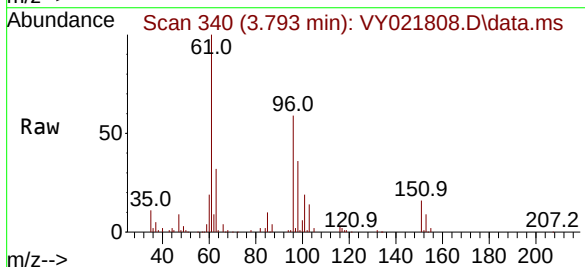
Tgt Ion: 96 Resp: 39060

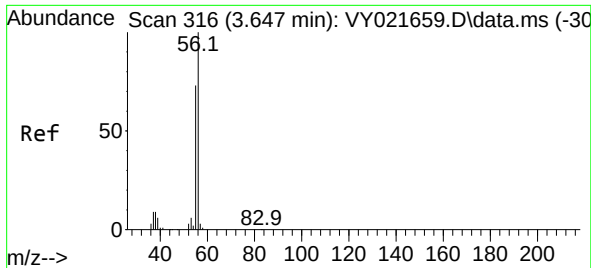
Ion Ratio Lower Upper

96 100

61 170.5 136.6 204.8

98 60.7 52.3 78.5





#13

Acrolein

Concen: 41.193 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

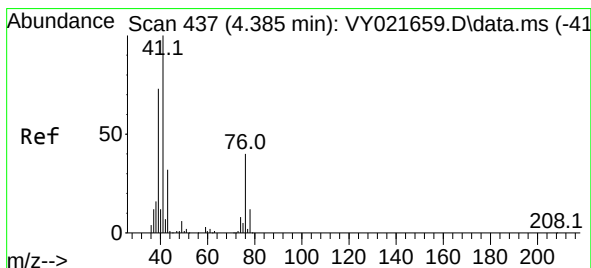
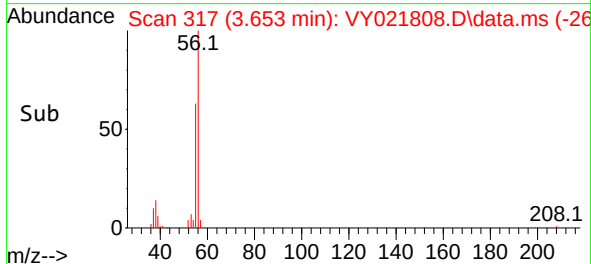
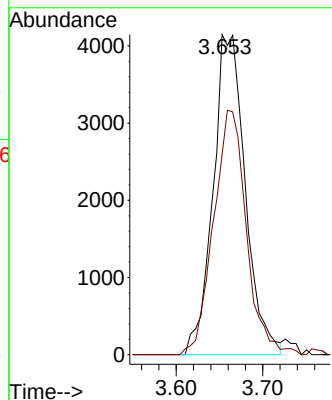
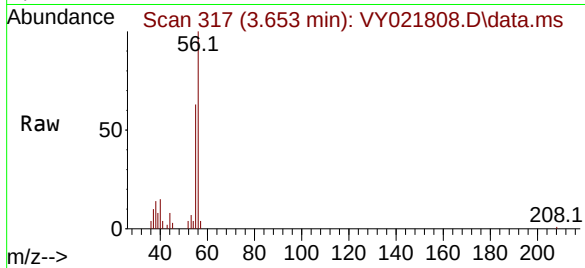
VY0409SBS01

Tgt Ion: 56 Resp: 10703

Ion Ratio Lower Upper

56 100

55 77.9 56.6 85.0



#14

Allyl chloride

Concen: 17.532 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

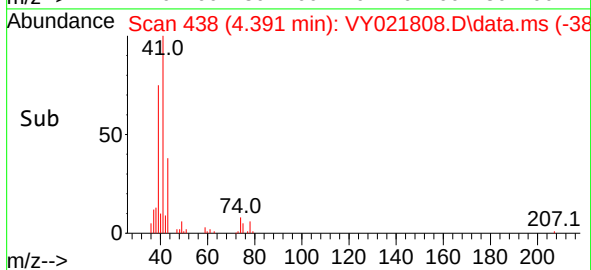
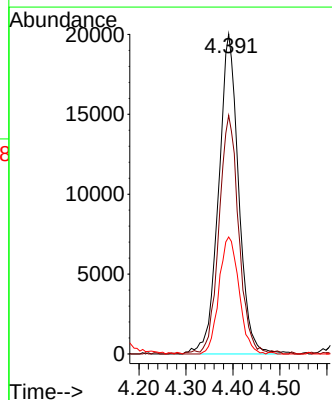
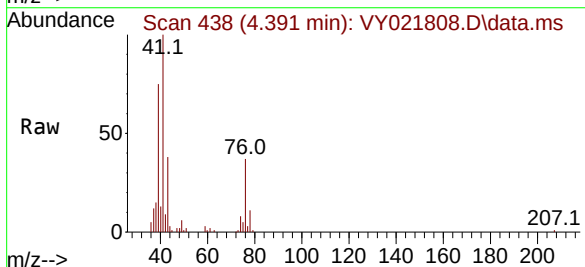
Tgt Ion: 41 Resp: 59284

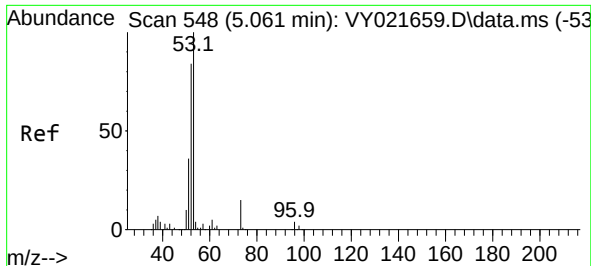
Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

76 36.5 30.3 45.5

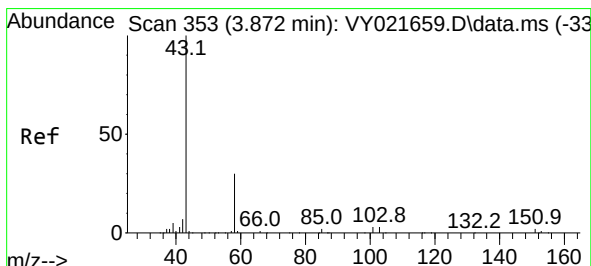
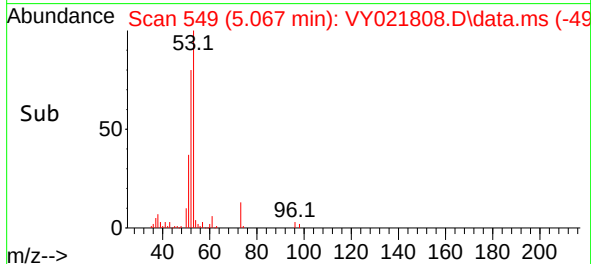
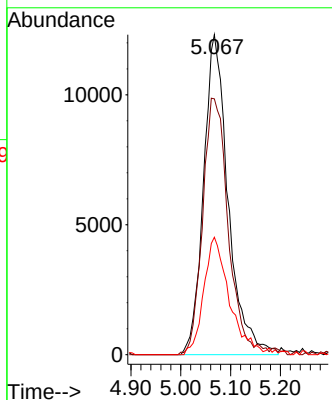
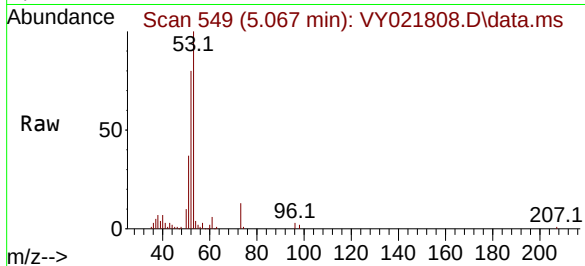




#15
Acrylonitrile
Concen: 87.052 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

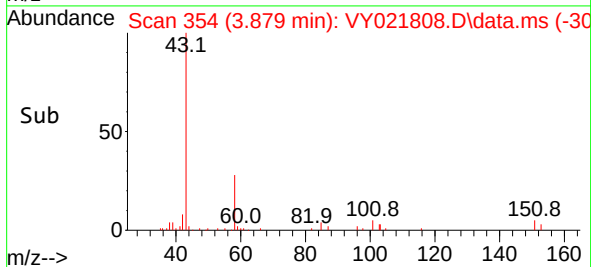
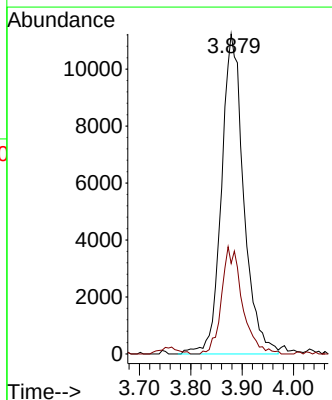
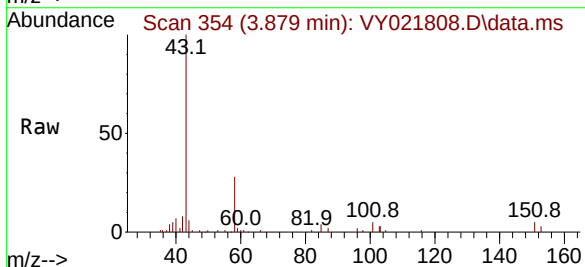
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

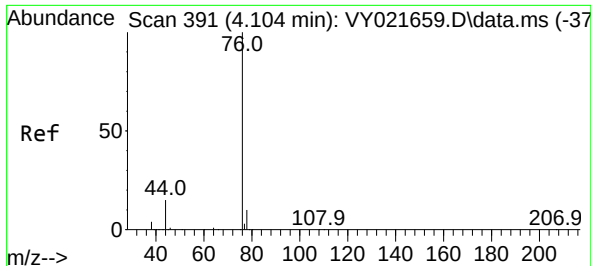
Tgt Ion: 53 Resp: 42199
Ion Ratio Lower Upper
53 100
52 83.2 64.9 97.3
51 38.1 30.2 45.2



#16
Acetone
Concen: 75.285 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 43 Resp: 33755
Ion Ratio Lower Upper
43 100
58 27.4 24.2 36.4

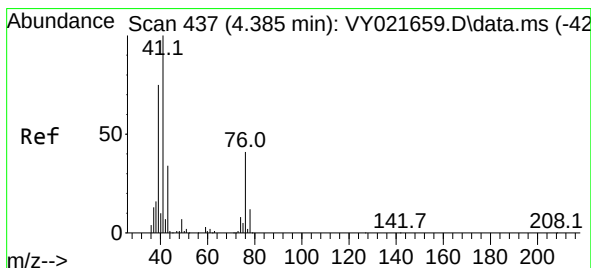
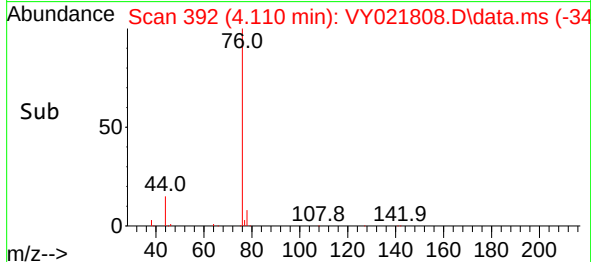
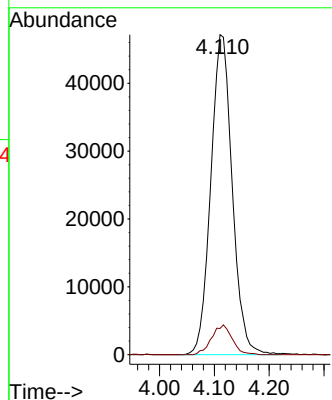
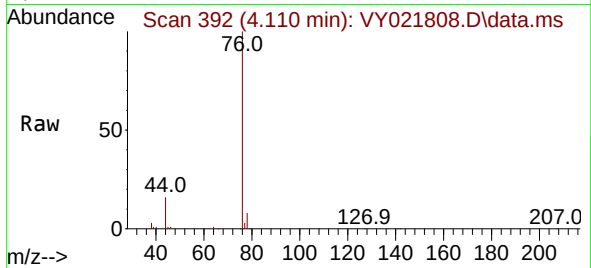




#17
Carbon Disulfide
Concen: 18.305 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

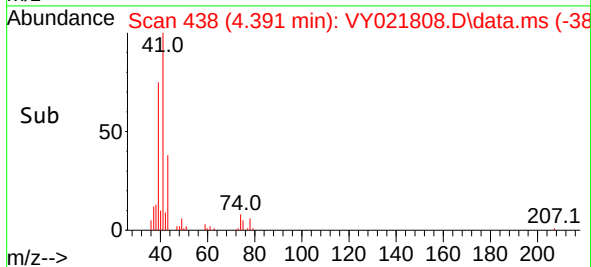
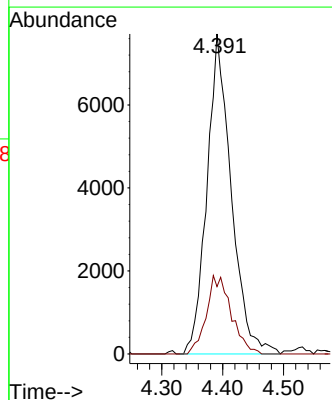
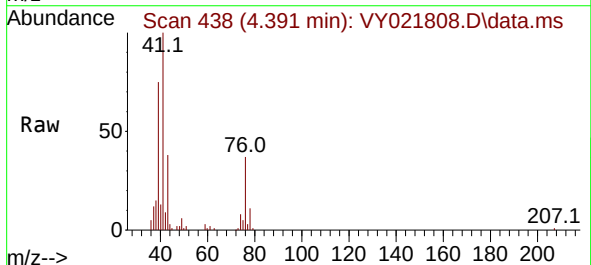
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

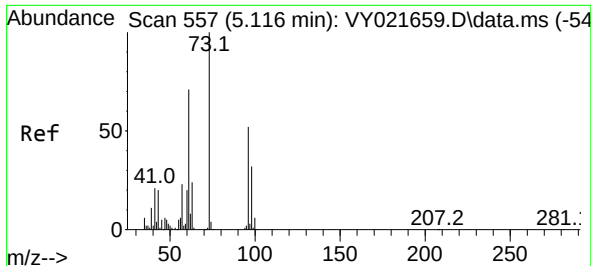
Tgt Ion: 76 Resp: 127869
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#18
Methyl Acetate
Concen: 19.246 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 43 Resp: 21387
Ion Ratio Lower Upper
43 100
74 25.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 16.651 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

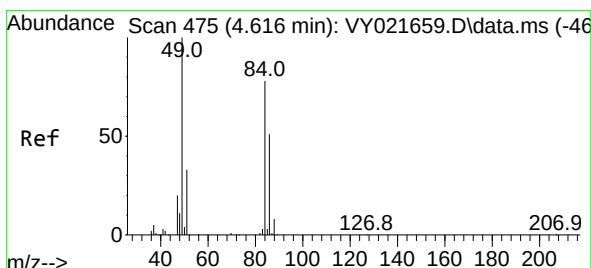
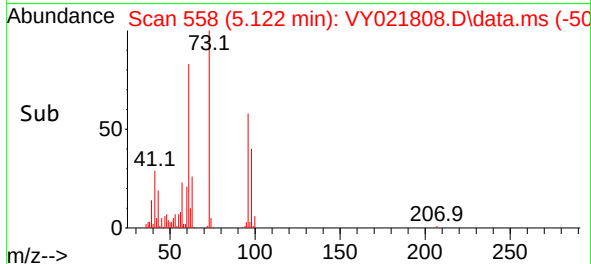
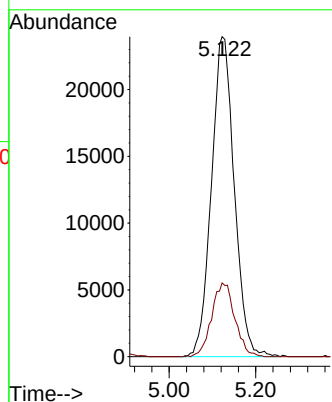
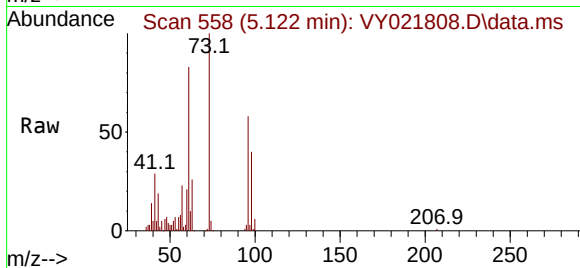
VY0409SBS01

Tgt Ion: 73 Resp: 87923

Ion Ratio Lower Upper

73 100

57 23.1 18.1 27.1



#20

Methylene Chloride

Concen: 19.816 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Tgt Ion: 84 Resp: 48598

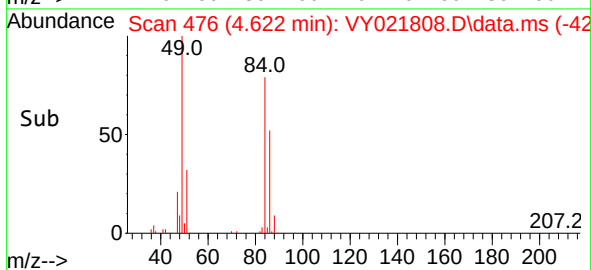
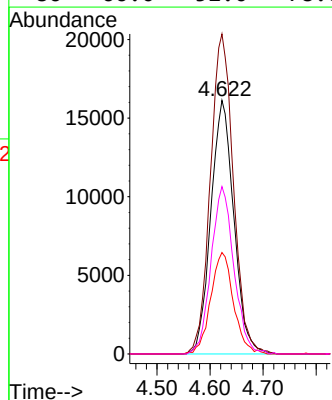
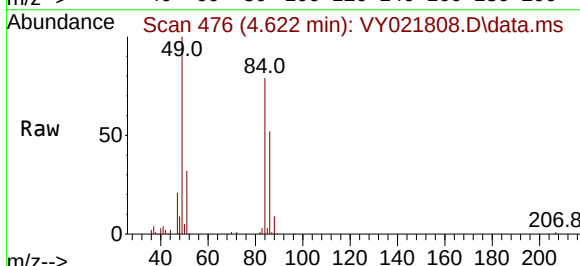
Ion Ratio Lower Upper

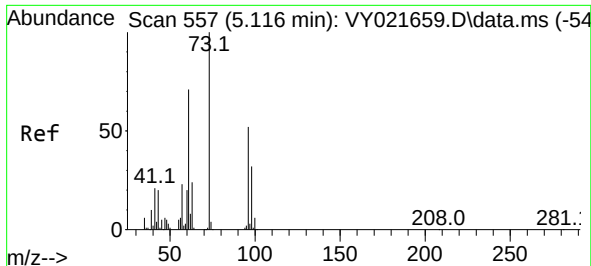
84 100

49 126.2 102.8 154.2

51 40.0 33.5 50.3

86 66.0 52.0 78.0

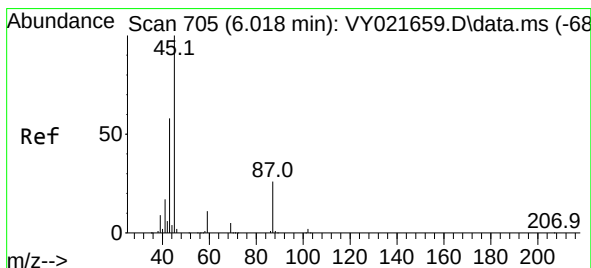
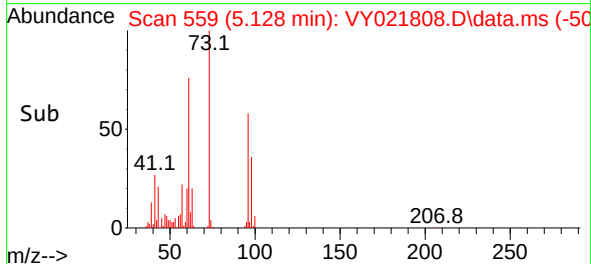
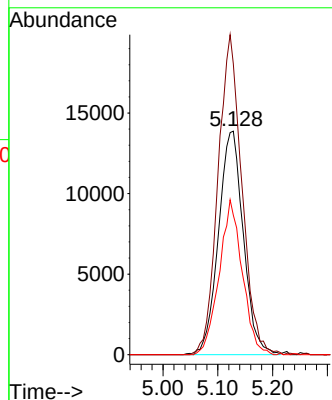
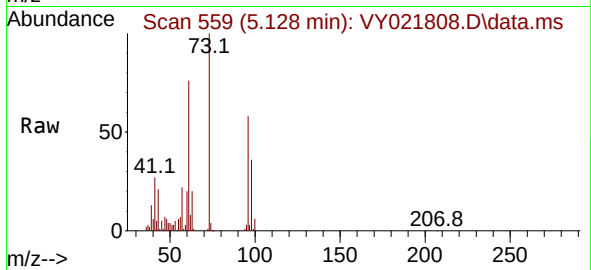




#21
trans-1,2-Dichloroethene
Concen: 18.733 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

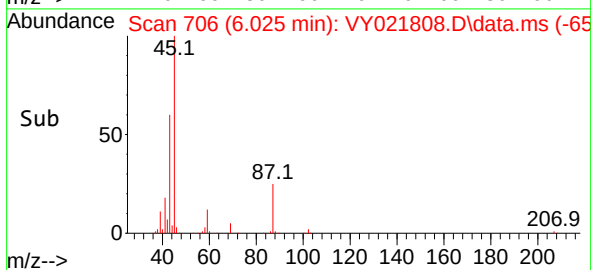
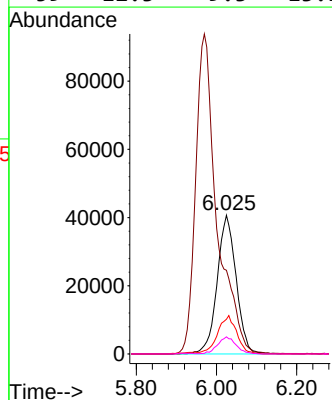
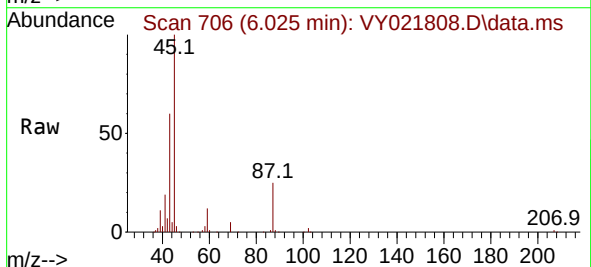
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

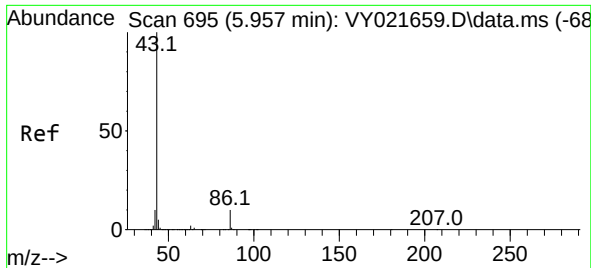
Tgt Ion: 96 Resp: 43743
Ion Ratio Lower Upper
96 100
61 130.1 109.4 164.0
98 62.4 50.2 75.2



#22
Diisopropyl ether
Concen: 18.886 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 45 Resp: 133972
Ion Ratio Lower Upper
45 100
43 59.9 46.6 69.8
87 25.1 20.7 31.1
59 12.3 9.3 13.9

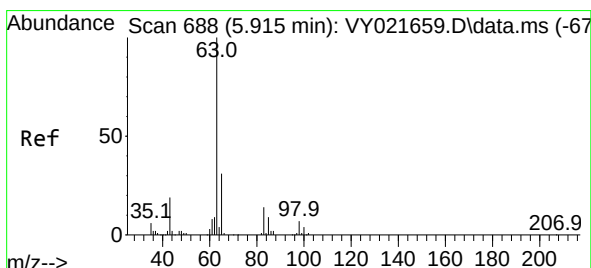
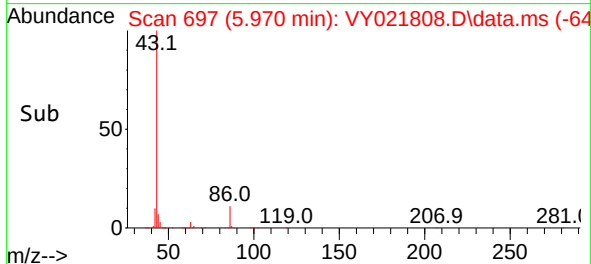
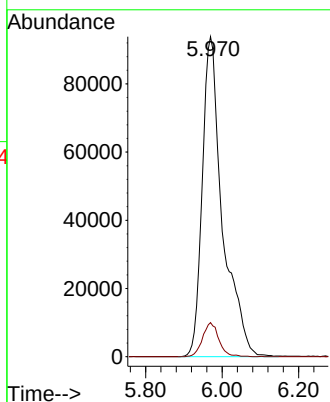
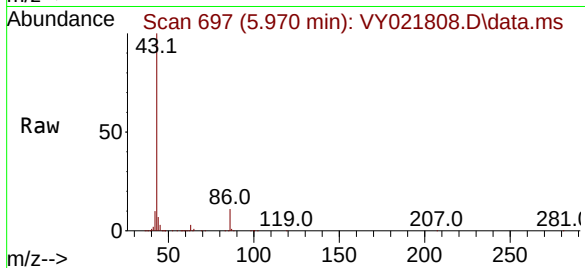




#23
 Vinyl Acetate
 Concen: 83.181 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

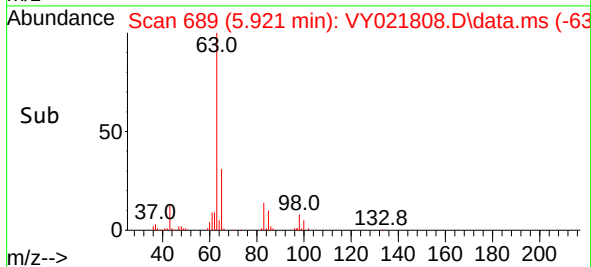
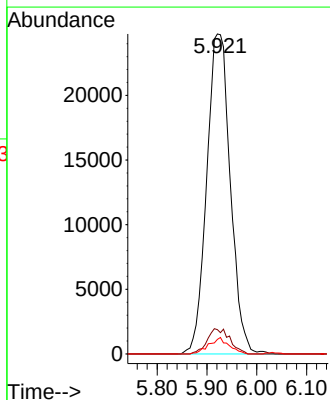
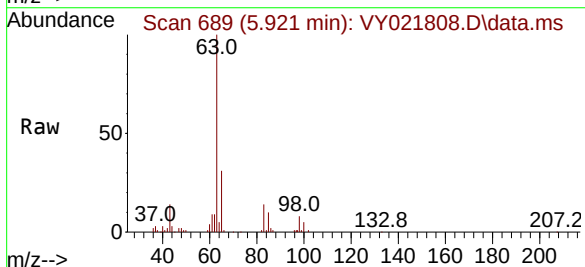
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

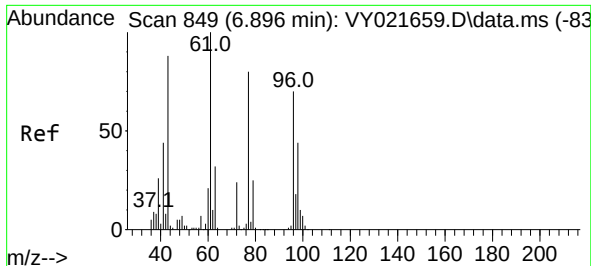
Tgt Ion: 43 Resp: 345182
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.215 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

Tgt Ion: 63 Resp: 81504
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 79.803 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

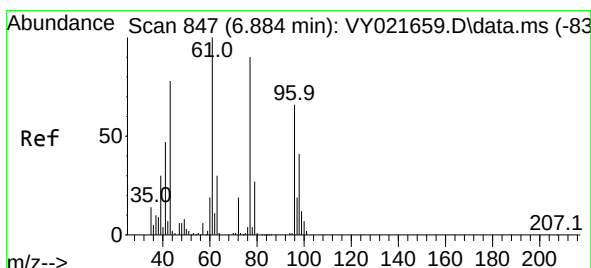
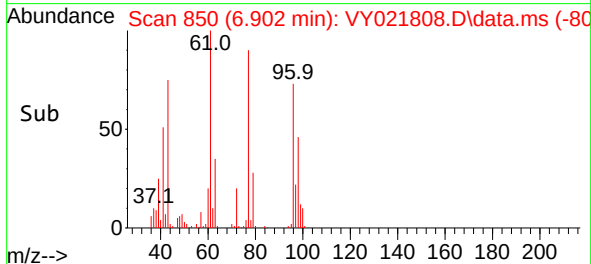
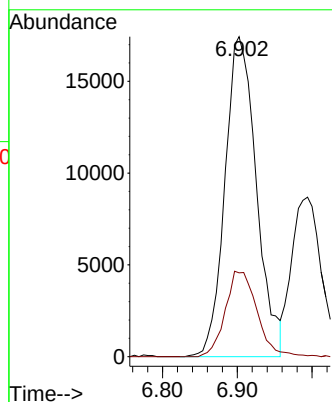
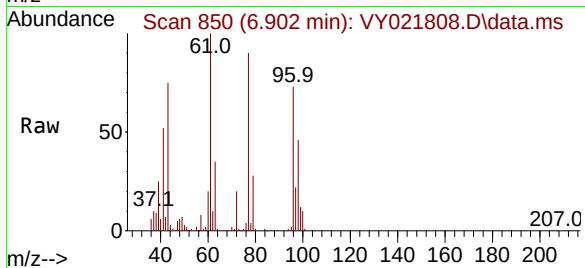
VY0409SBS01

Tgt Ion: 43 Resp: 51106

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 18.805 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021808.D

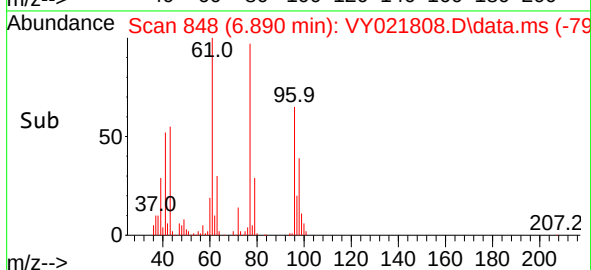
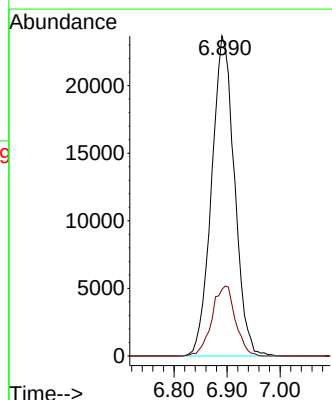
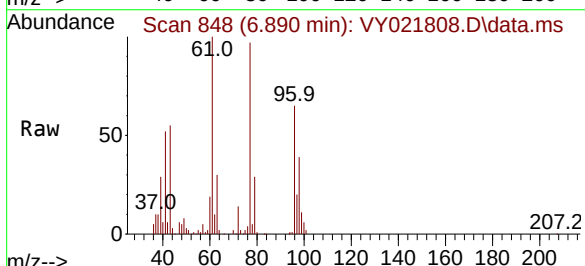
Acq: 09 Apr 2025 10:31

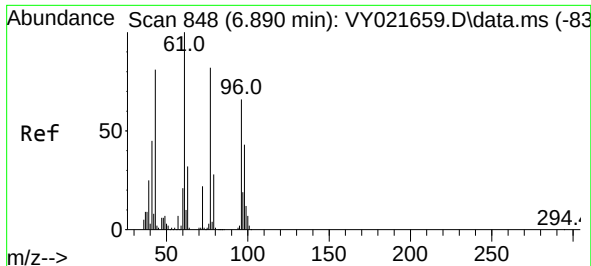
Tgt Ion: 77 Resp: 70953

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1

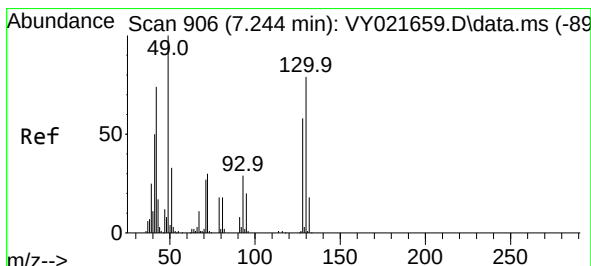
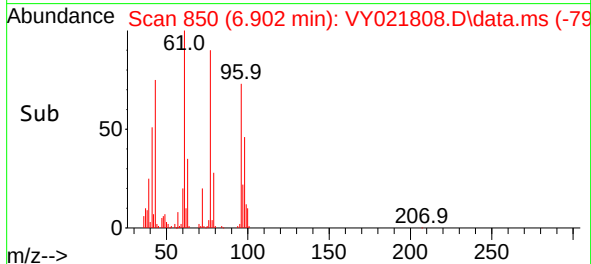
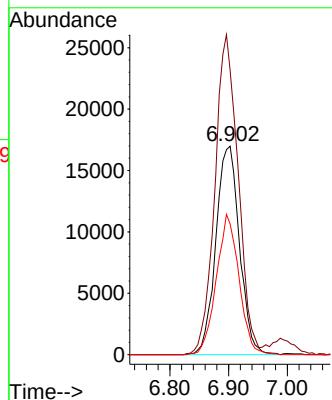
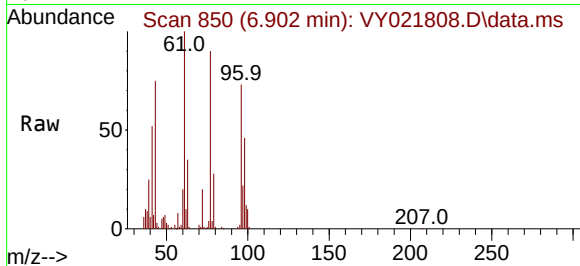




#27
 cis-1,2-Dichloroethene
 Concen: 18.086 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

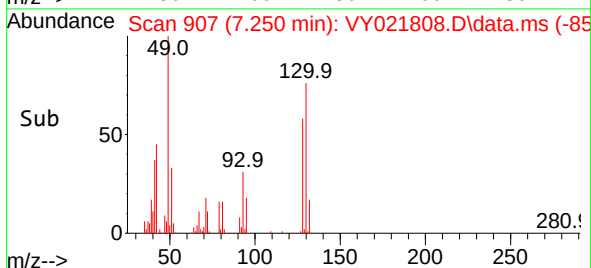
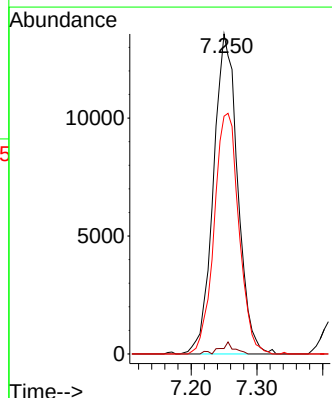
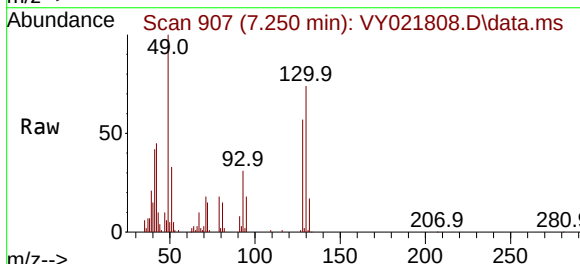
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

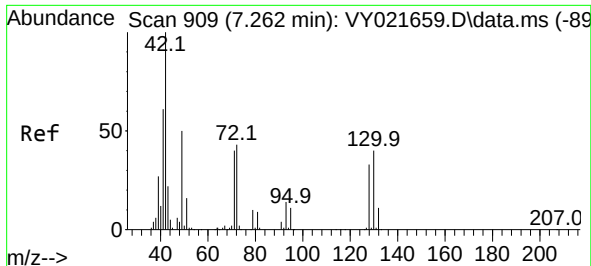
Tgt Ion: 96 Resp: 47494
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 296.4
 98 64.5 0.0 128.0



#28
 Bromochloromethane
 Concen: 19.465 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

Tgt Ion: 49 Resp: 34819
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 76.6 60.1 90.1





#29

Tetrahydrofuran

Concen: 79.657 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

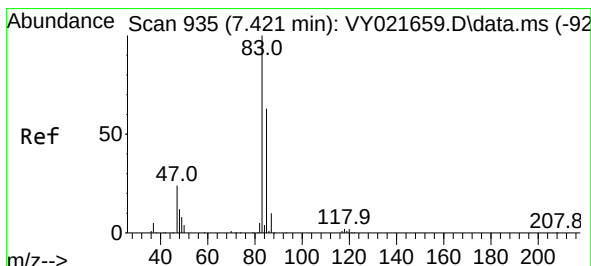
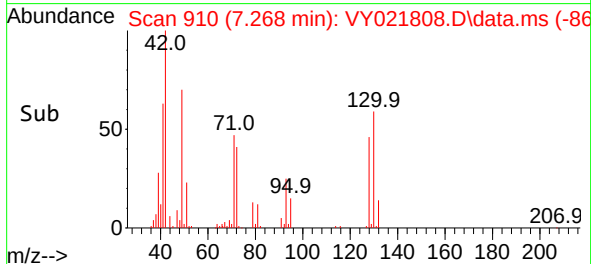
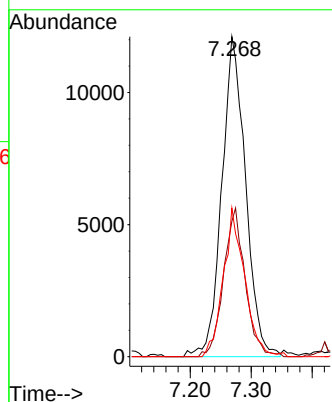
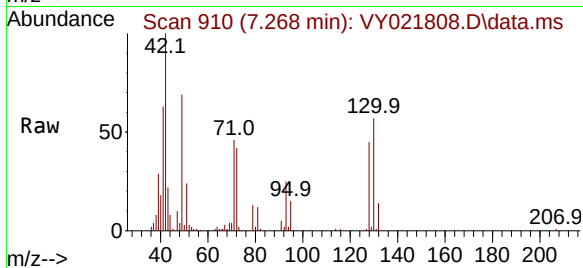
Tgt Ion: 42 Resp: 32831

Ion Ratio Lower Upper

42 100

72 42.2 34.6 52.0

71 41.9 32.5 48.7



#30

Chloroform

Concen: 19.417 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY021808.D

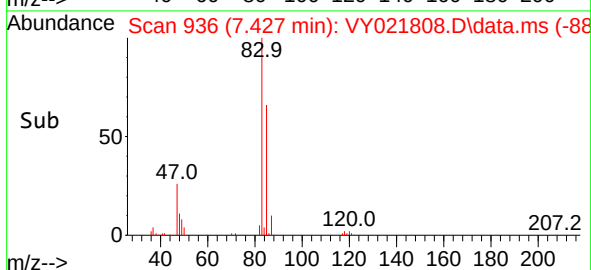
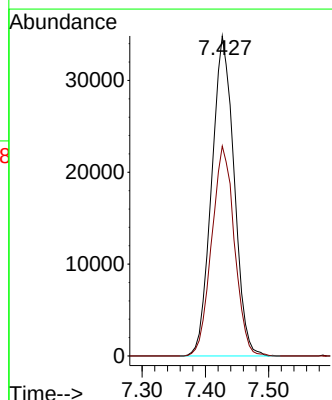
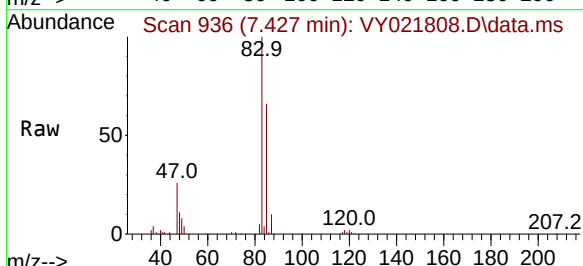
Acq: 09 Apr 2025 10:31

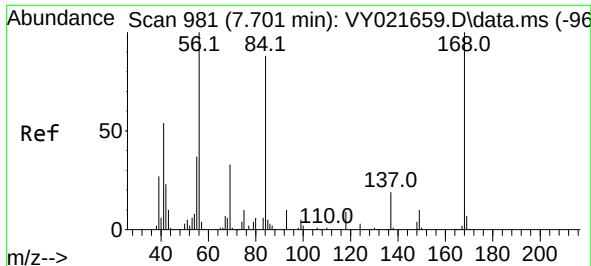
Tgt Ion: 83 Resp: 85660

Ion Ratio Lower Upper

83 100

85 65.6 50.6 75.8

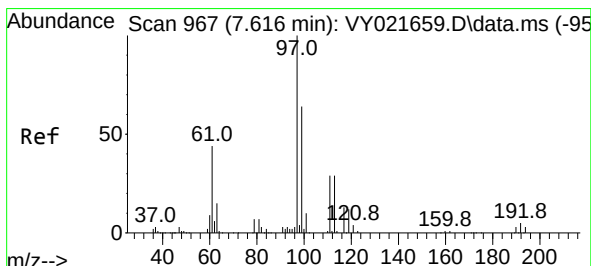
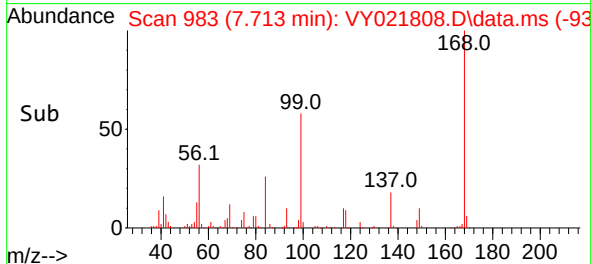
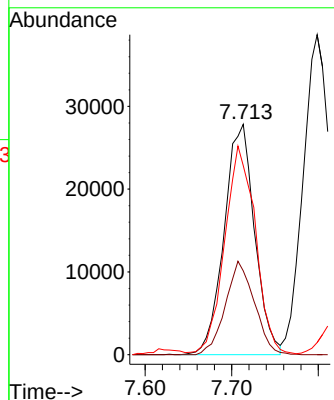
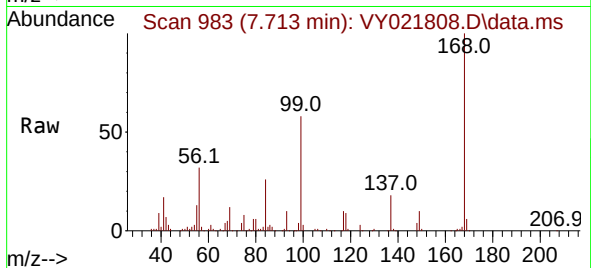




#31
Cyclohexane
Concen: 17.643 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

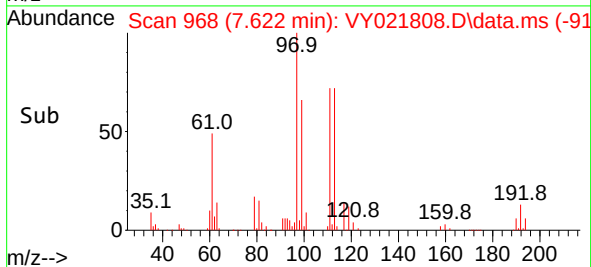
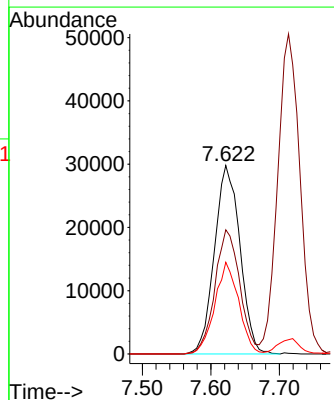
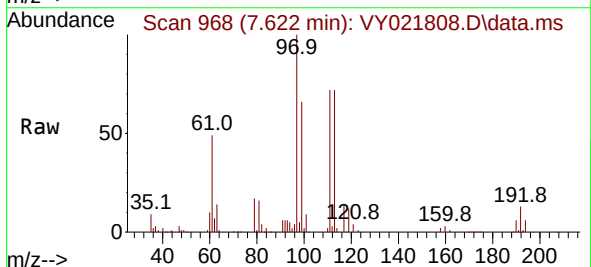
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

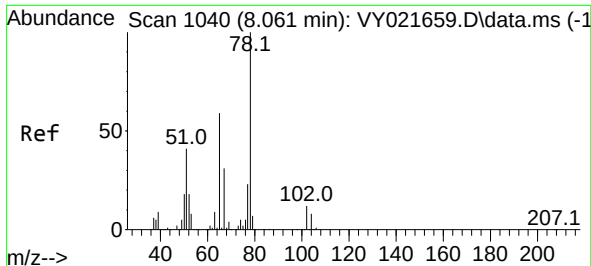
Tgt Ion: 56 Resp: 68217
Ion Ratio Lower Upper
56 100
69 36.4 26.6 40.0
84 80.4 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.338 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 97 Resp: 77107
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 45.7 35.2 52.8

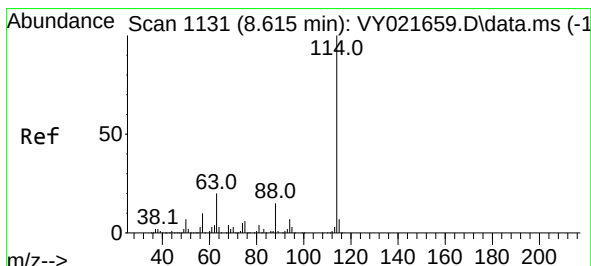
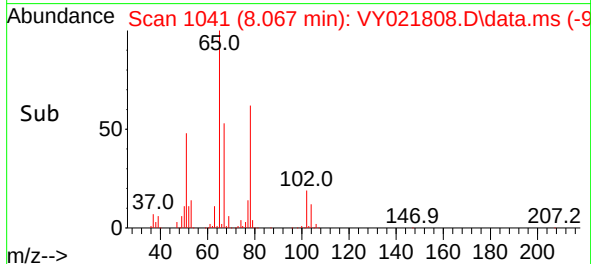
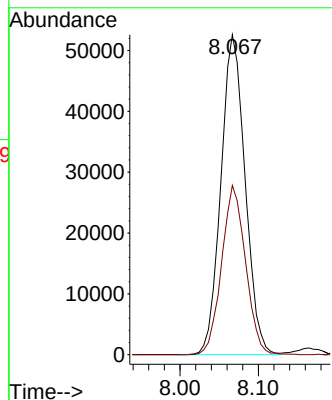
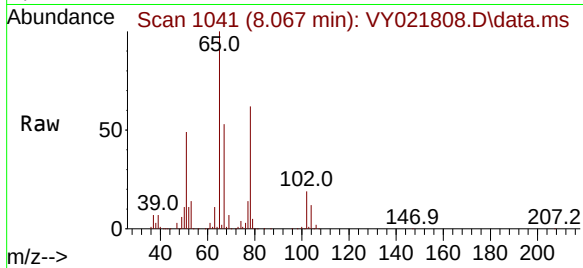




#33
 1,2-Dichloroethane-d4
 Concen: 51.580 ug/l
 RT: 8.067 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

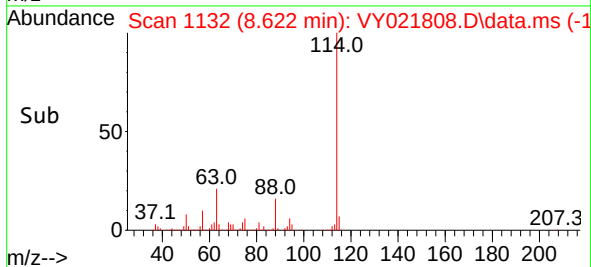
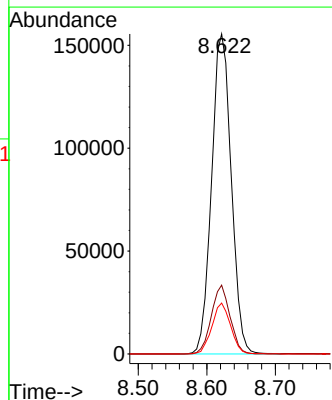
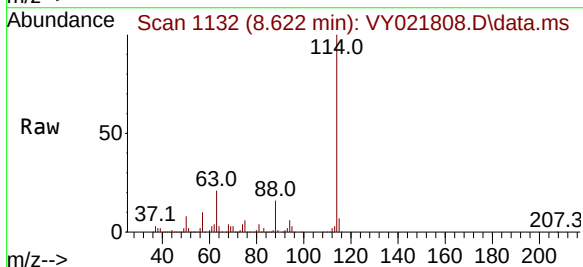
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

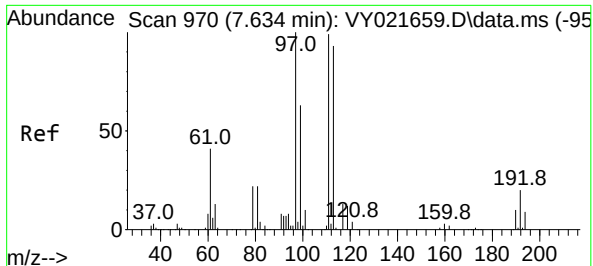
Tgt Ion: 65 Resp: 113000
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

Tgt Ion: 114 Resp: 309866
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.2
 88 15.9 0.0 29.8

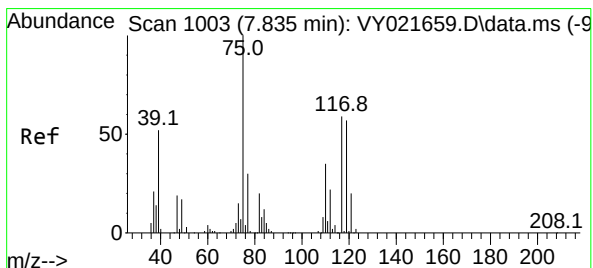
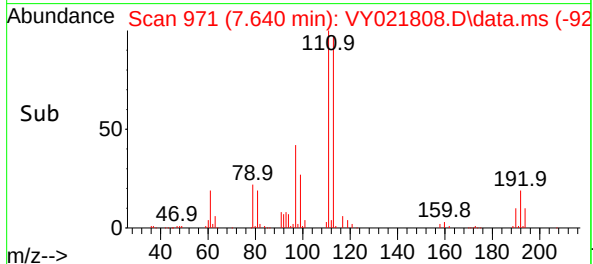
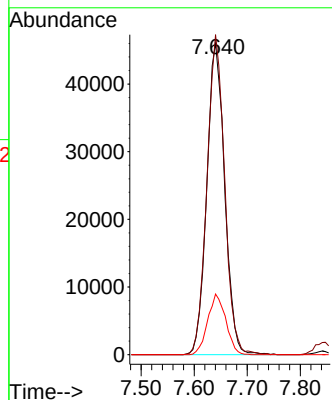
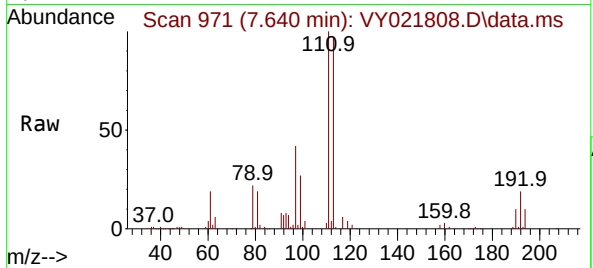




#35
Dibromofluoromethane
Concen: 53.645 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

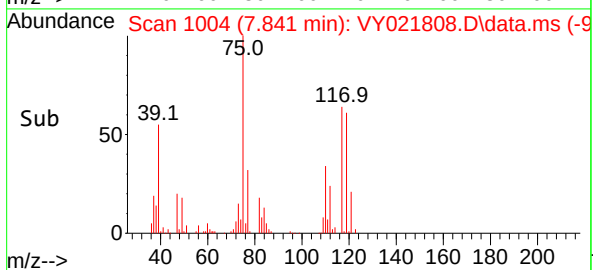
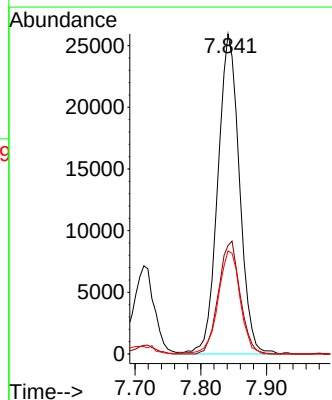
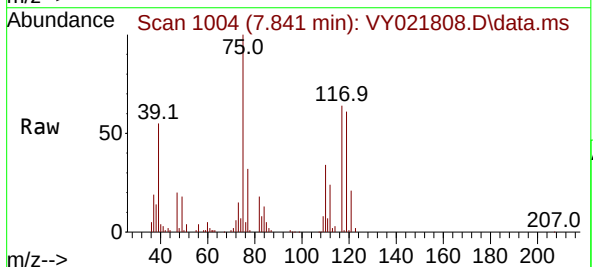
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

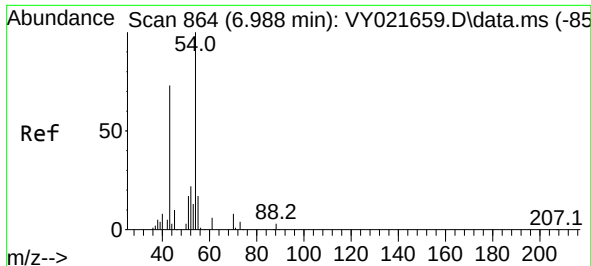
Tgt Ion:113 Resp: 107830
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.389 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 75 Resp: 59361
Ion Ratio Lower Upper
75 100
110 35.1 17.0 50.9
77 32.8 24.8 37.2





#37

Ethyl Acetate

Concen: 16.737 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

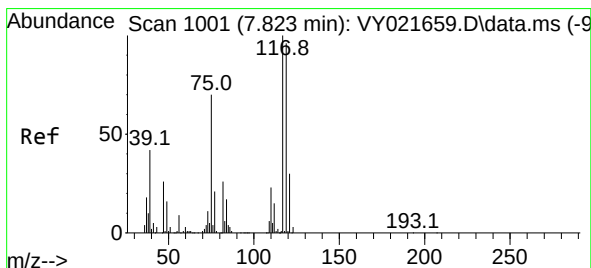
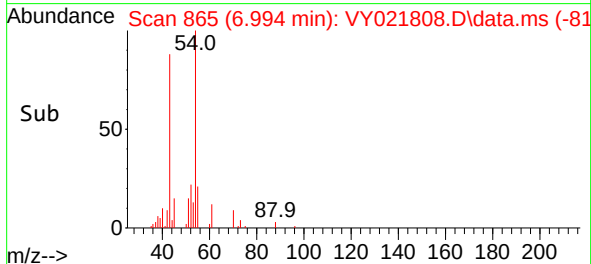
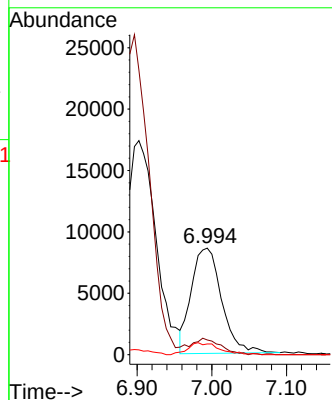
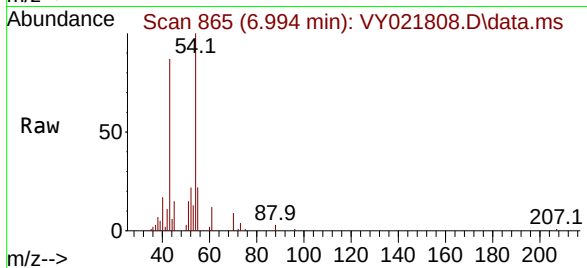
Tgt Ion: 43 Resp: 24184

Ion Ratio Lower Upper

43 100

61 15.5 11.0 16.6

70 11.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.746 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

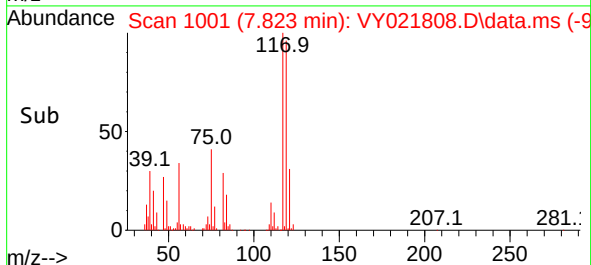
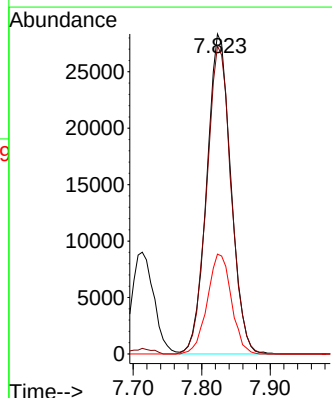
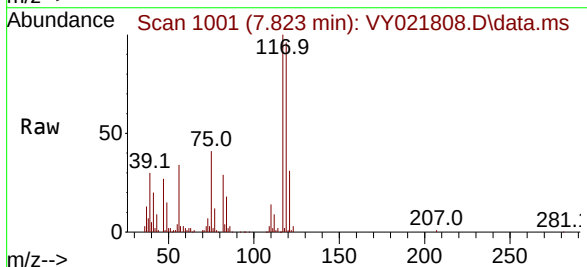
Tgt Ion: 117 Resp: 69243

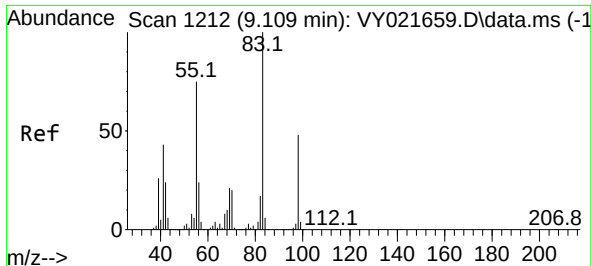
Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.4

121 31.2 24.2 36.4

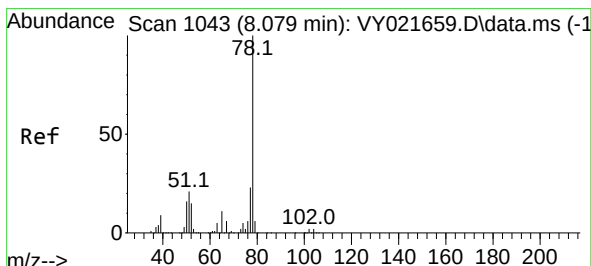
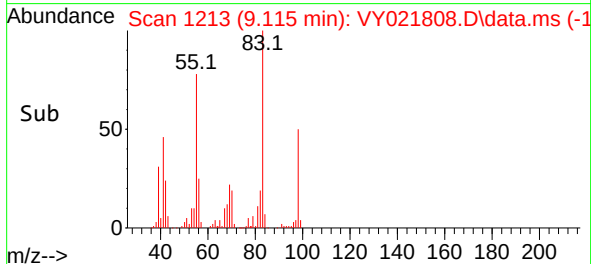
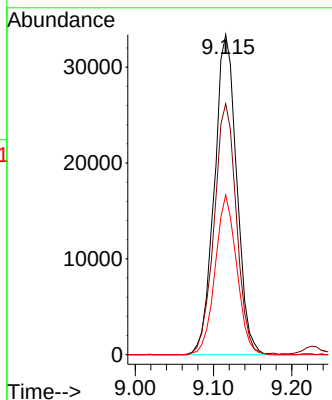
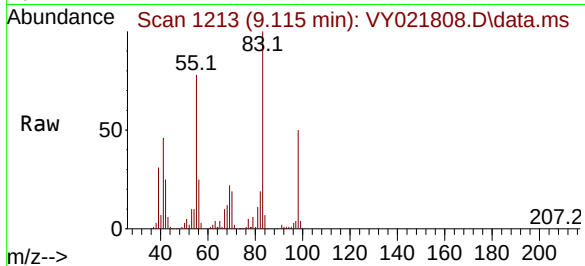




#39
Methylcyclohexane
Concen: 18.115 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

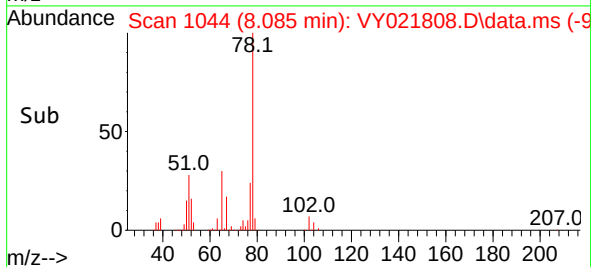
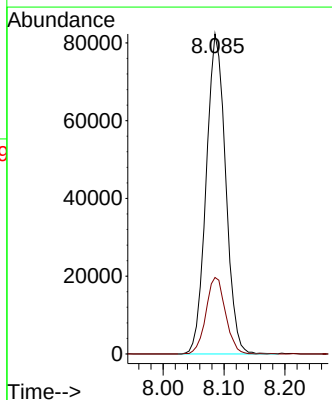
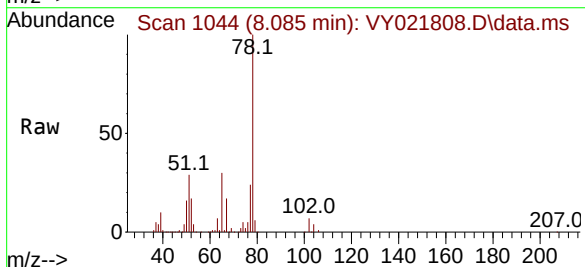
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

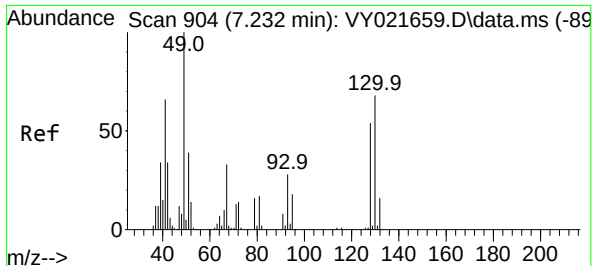
Tgt Ion: 83 Resp: 66255
Ion Ratio Lower Upper
83 100
55 78.4 59.7 89.5
98 49.9 38.3 57.5



#40
Benzene
Concen: 19.895 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 78 Resp: 182411
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

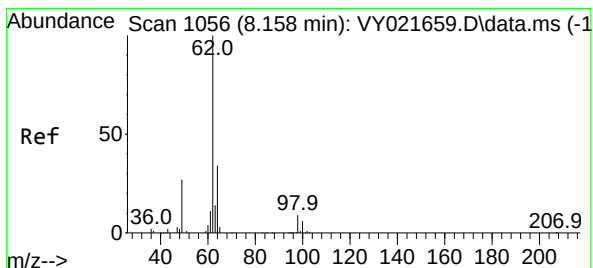
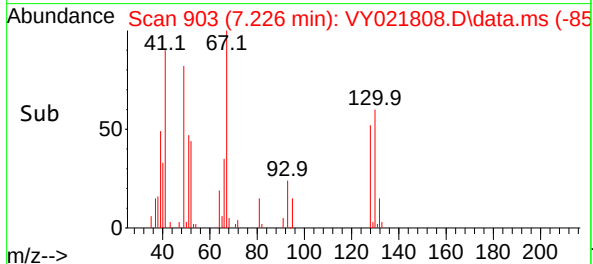
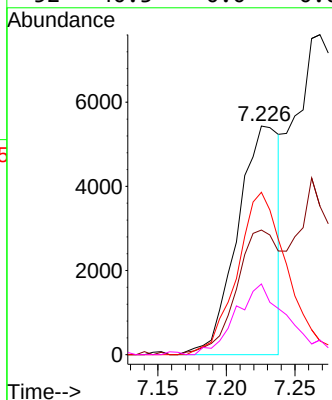
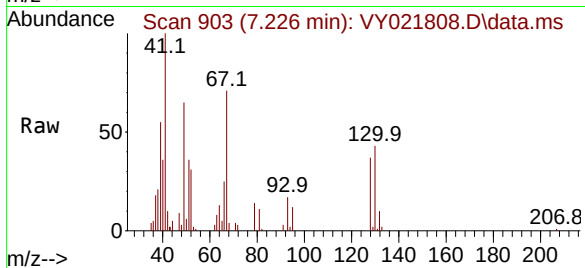




#41
Methacrylonitrile
Concen: 15.015 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

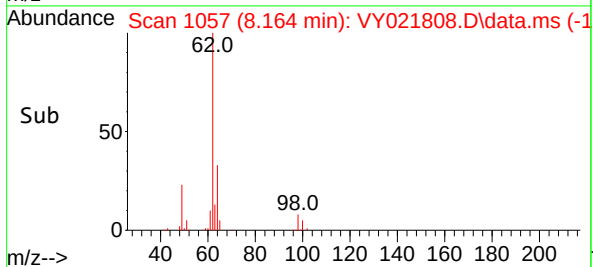
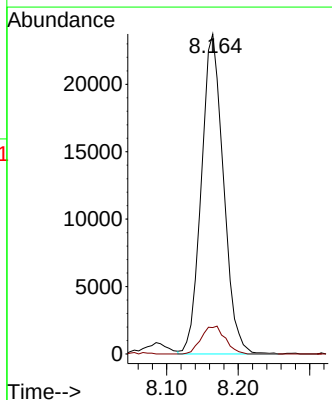
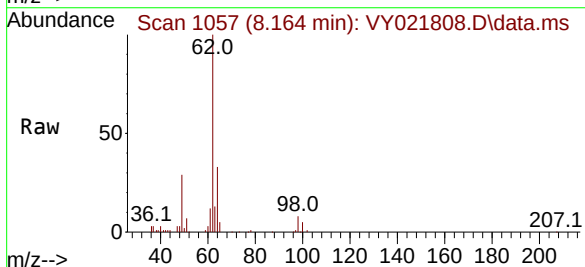
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

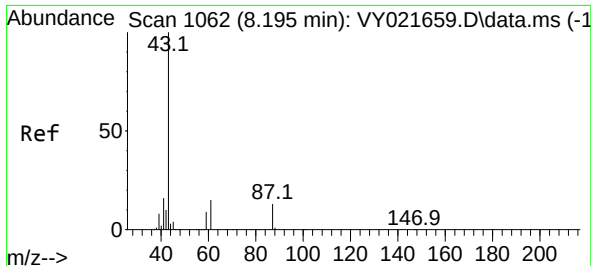
Tgt Ion: 41 Resp: 11522
Ion Ratio Lower Upper
41 100
39 62.0 0.0 0.0#
67 86.0 0.0 0.0#
52 40.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.716 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 62 Resp: 50962
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4

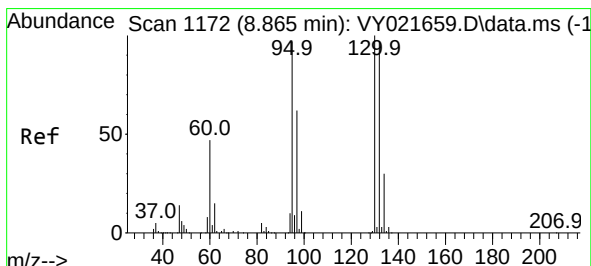
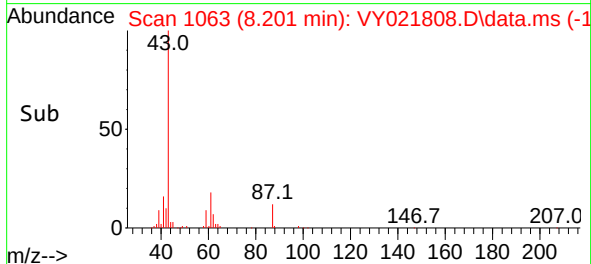
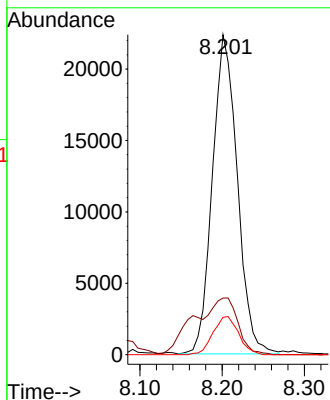
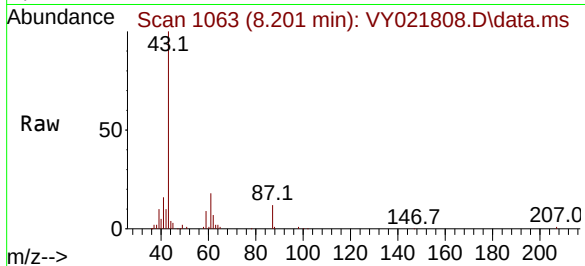




#43
Isopropyl Acetate
Concen: 17.182 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

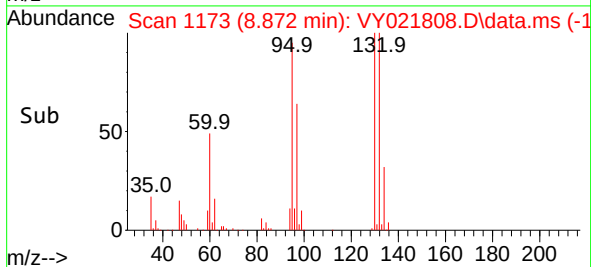
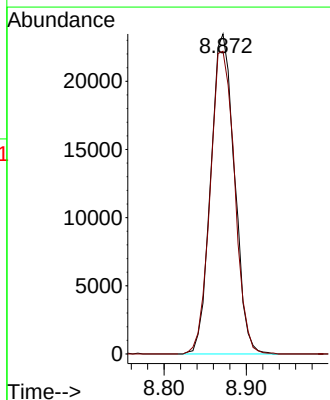
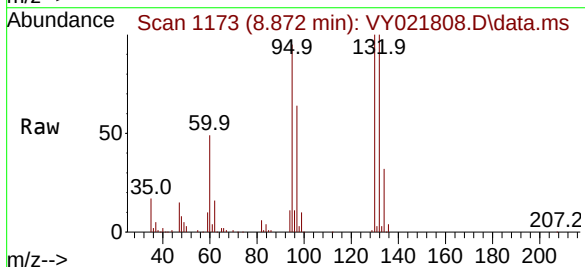
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

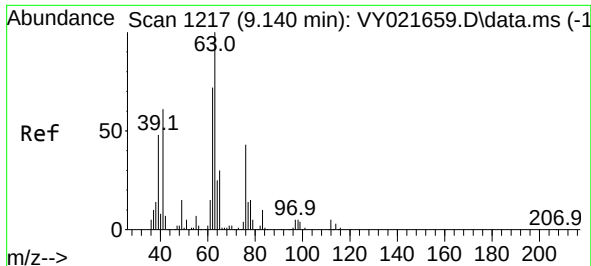
Tgt Ion: 43 Resp: 47047
Ion Ratio Lower Upper
43 100
61 20.0 15.9 23.9
87 12.3 10.4 15.6



#44
Trichloroethene
Concen: 20.124 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 130 Resp: 47012
Ion Ratio Lower Upper
130 100
95 94.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.237 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

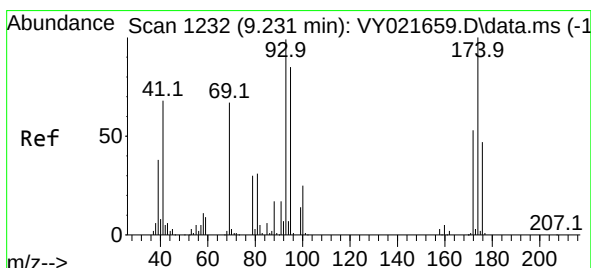
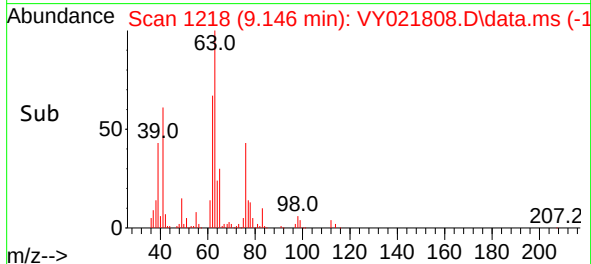
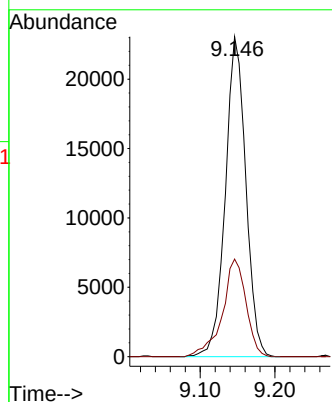
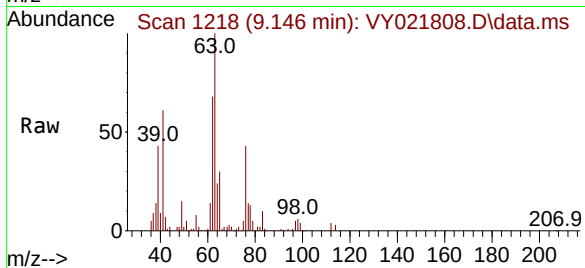
VY0409SBS01

Tgt Ion: 63 Resp: 43921

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



#46

Dibromomethane

Concen: 19.969 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

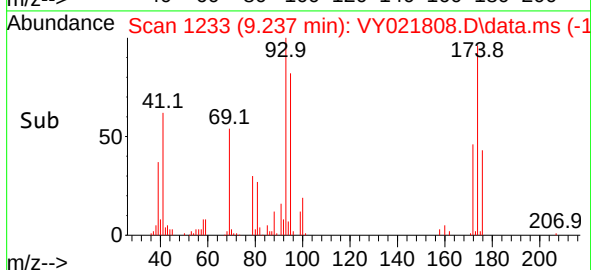
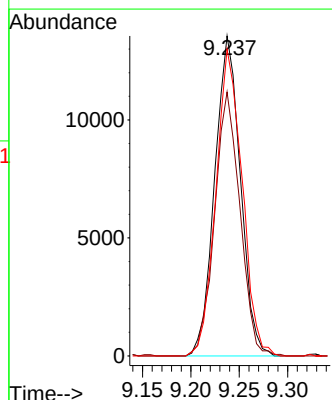
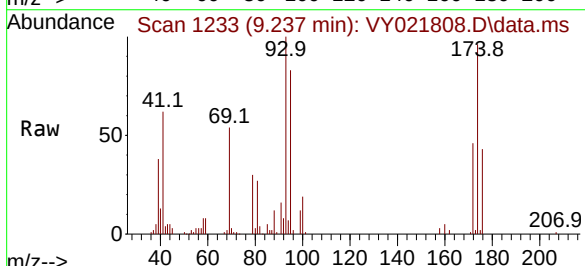
Tgt Ion: 93 Resp: 24977

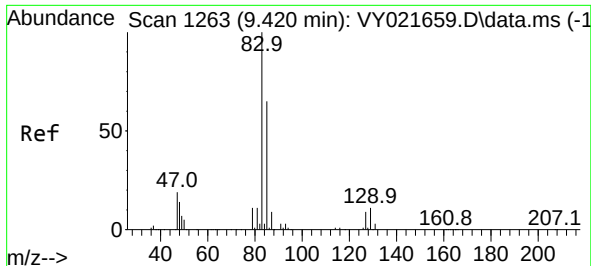
Ion Ratio Lower Upper

93 100

95 81.5 68.1 102.1

174 98.0 80.9 121.3

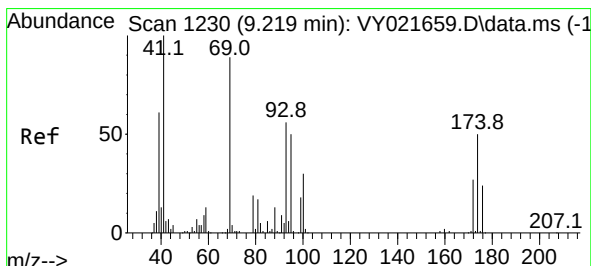
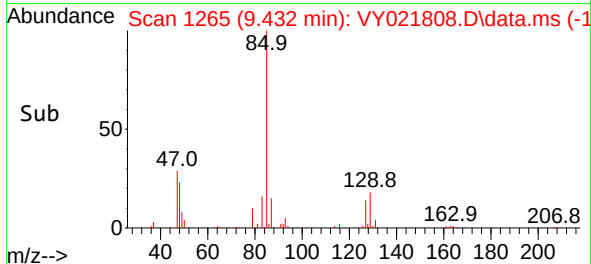
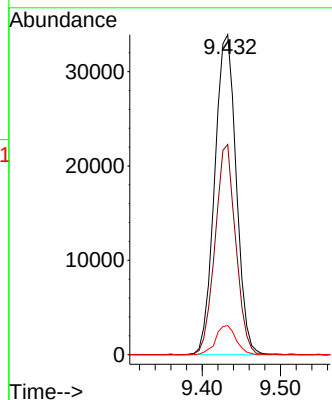
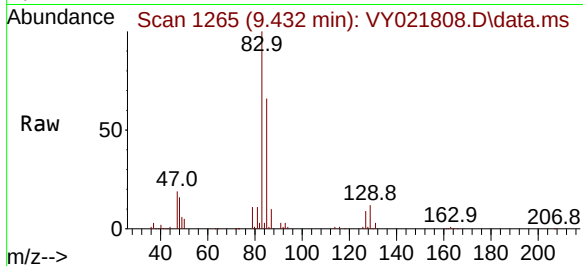




#47
Bromodichloromethane
Concen: 20.007 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

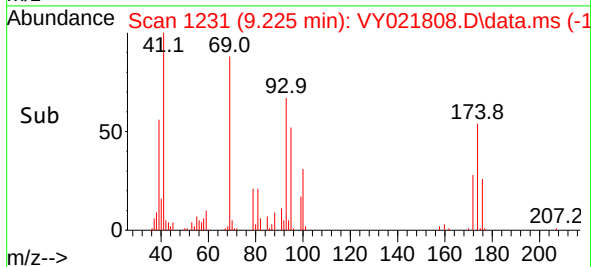
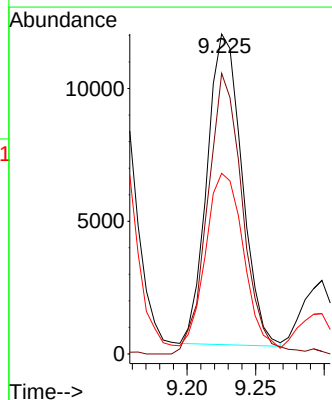
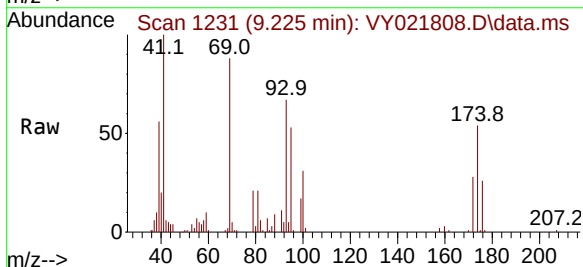
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

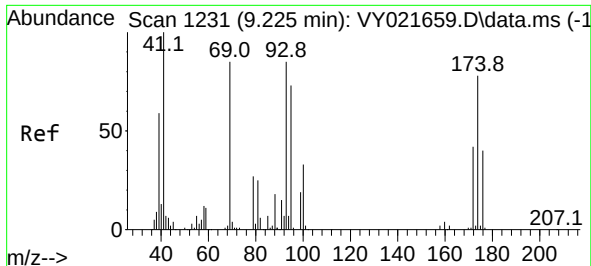
Tgt Ion: 83 Resp: 64844
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 16.451 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 41 Resp: 20674
Ion Ratio Lower Upper
41 100
69 91.2 69.8 104.8
39 60.5 47.2 70.8

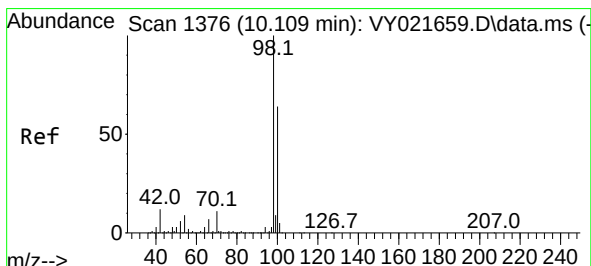
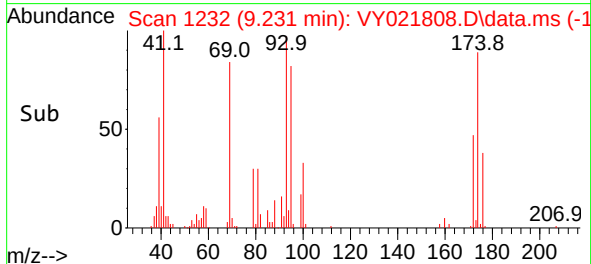
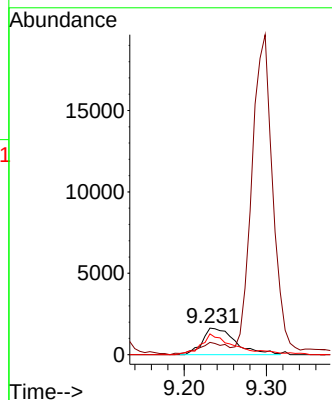
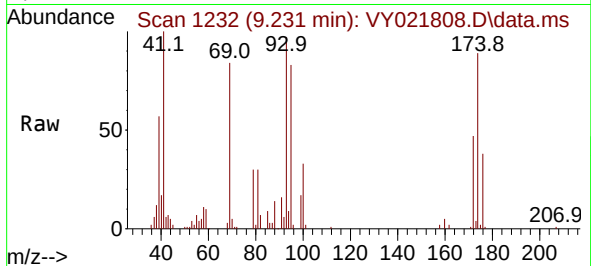




#49
1,4-Dioxane
Concen: 343.228 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

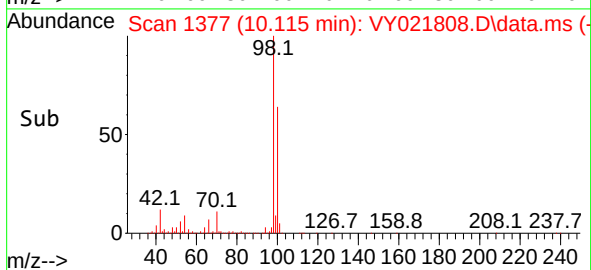
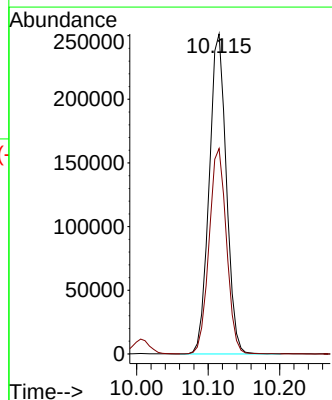
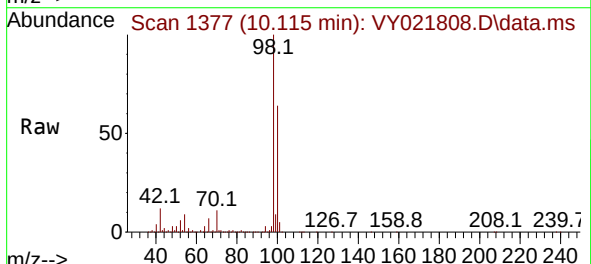
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

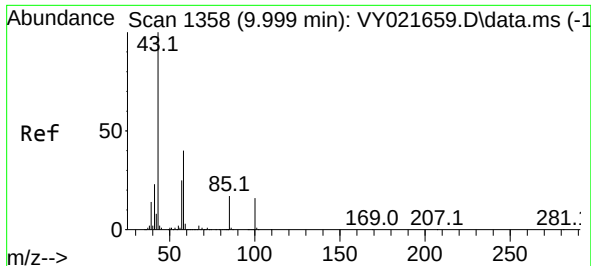
Tgt Ion: 88 Resp: 4599
Ion Ratio Lower Upper
88 100
43 38.8 28.8 43.2
58 68.4 59.4 89.2



#50
Toluene-d8
Concen: 54.760 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 98 Resp: 418741
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 86.541 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

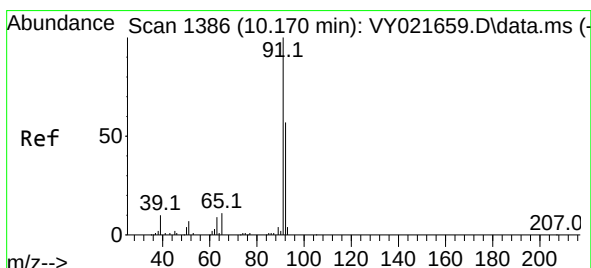
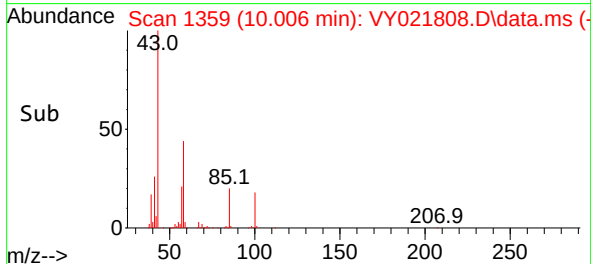
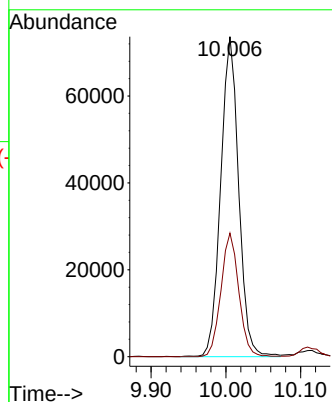
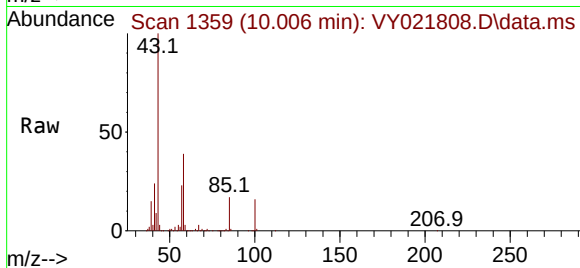
VY0409SBS01

Tgt Ion: 43 Resp: 123317

Ion Ratio Lower Upper

43 100

58 38.4 31.5 47.3



#52

Toluene

Concen: 20.004 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY021808.D

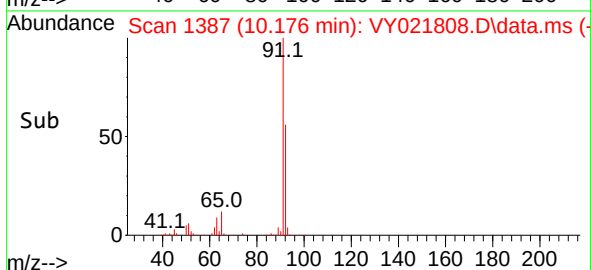
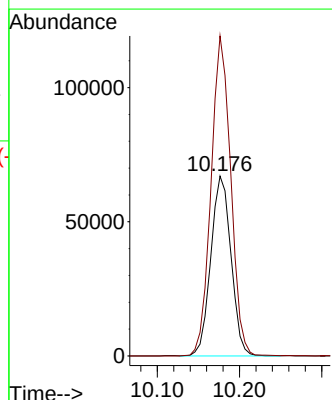
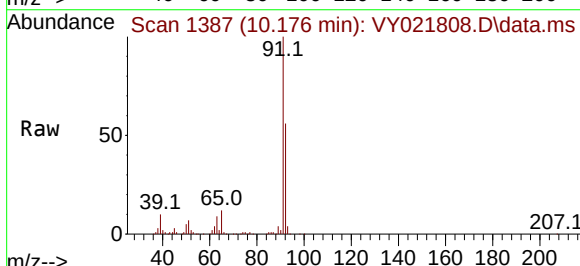
Acq: 09 Apr 2025 10:31

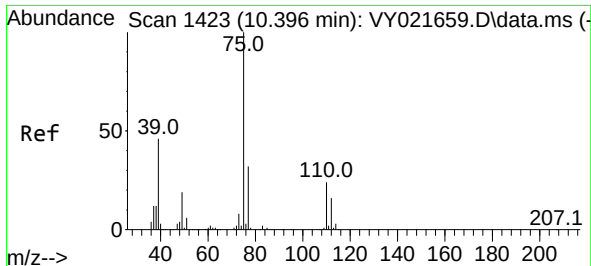
Tgt Ion: 92 Resp: 114434

Ion Ratio Lower Upper

92 100

91 174.1 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 18.379 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

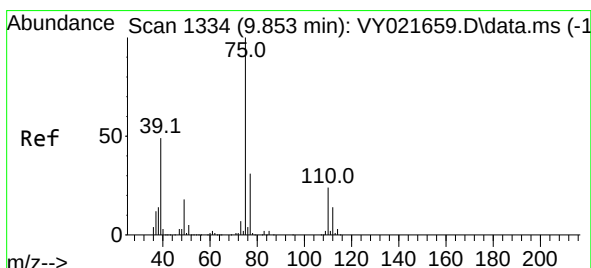
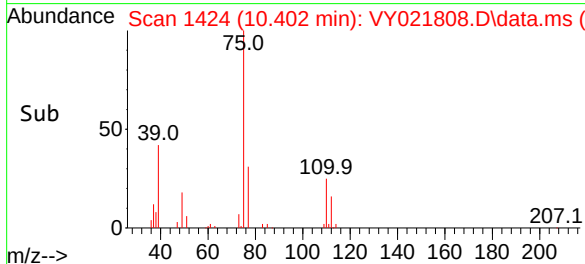
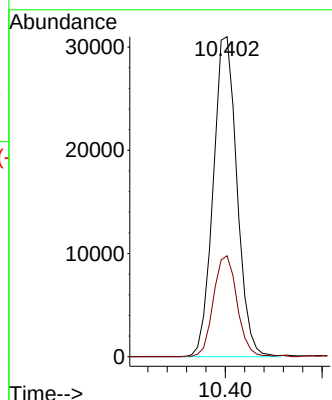
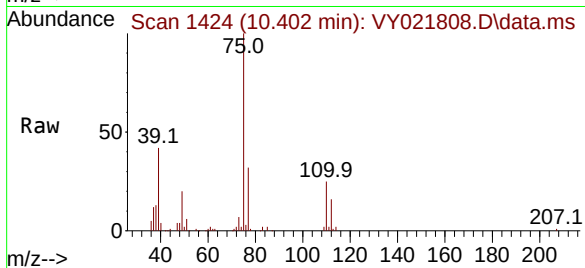
VY0409SBS01

Tgt Ion: 75 Resp: 52908

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.520 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

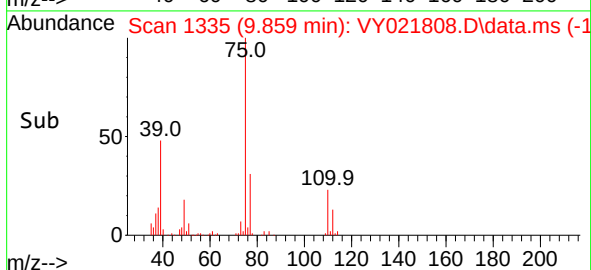
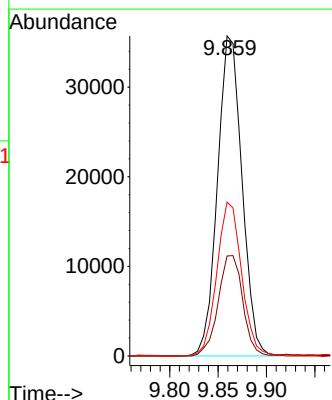
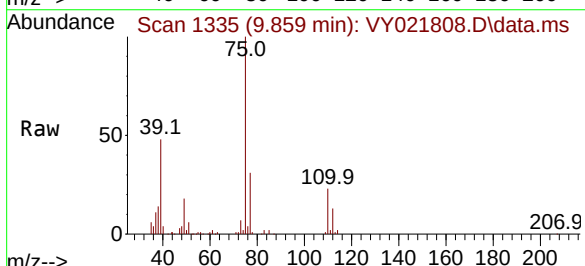
Tgt Ion: 75 Resp: 62896

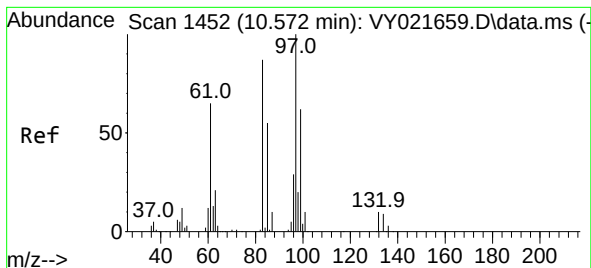
Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

39 48.1 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.285 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

Tgt Ion: 97 Resp: 32651

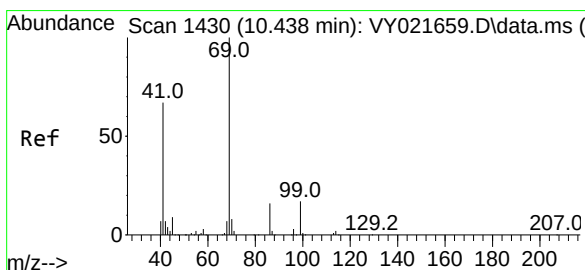
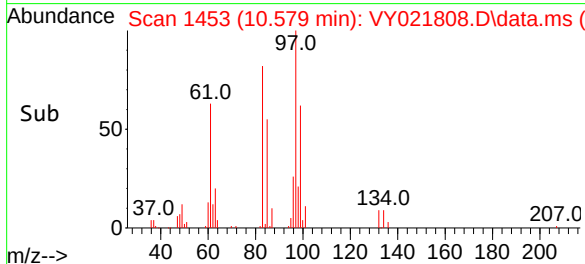
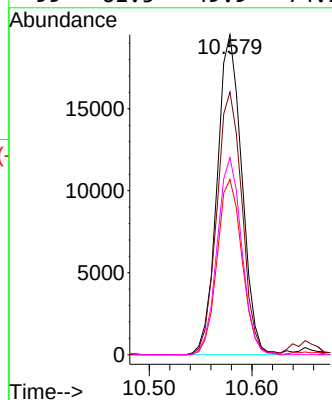
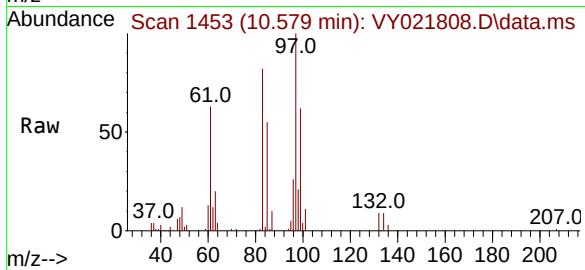
Ion Ratio Lower Upper

97 100

83 82.1 69.5 104.3

85 54.8 43.9 65.9

99 61.5 49.9 74.9



#56

Ethyl methacrylate

Concen: 16.761 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

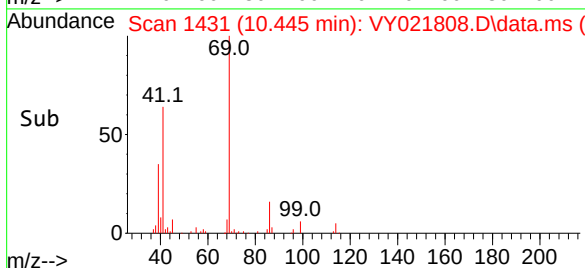
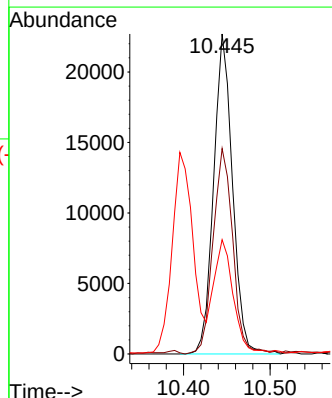
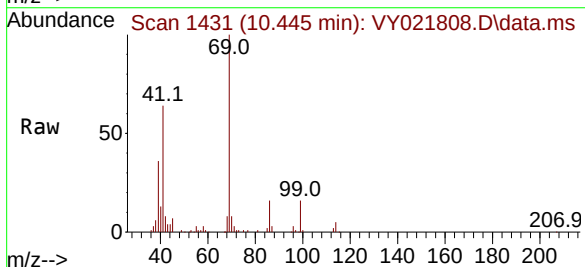
Tgt Ion: 69 Resp: 34449

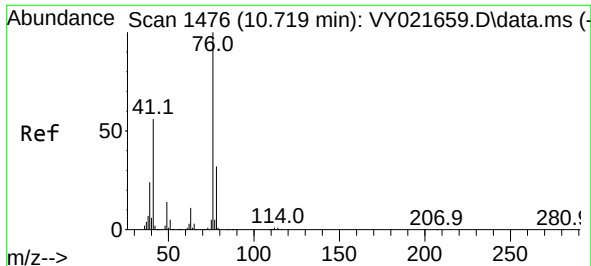
Ion Ratio Lower Upper

69 100

41 67.2 53.8 80.6

39 35.9 29.6 44.4





#57

1,3-Dichloropropane

Concen: 18.728 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

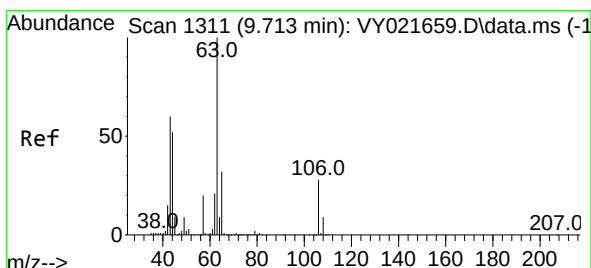
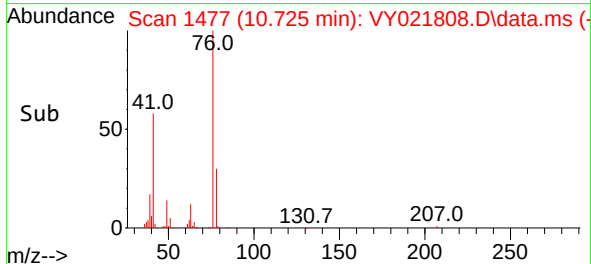
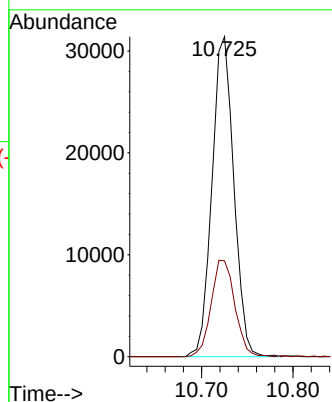
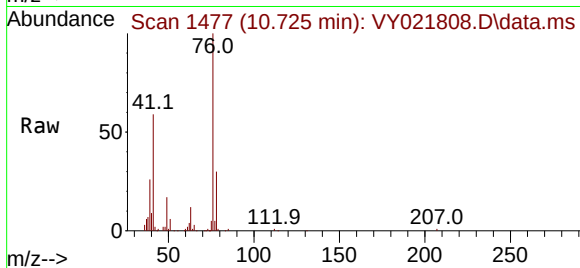
VY0409SBS01

Tgt Ion: 76 Resp: 52061

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.161 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021808.D

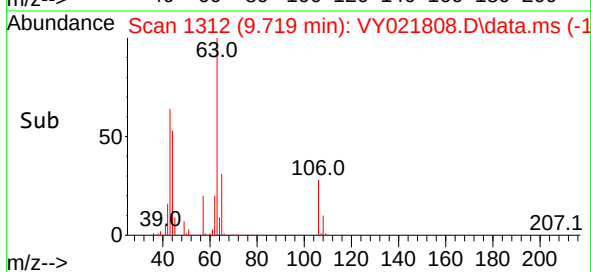
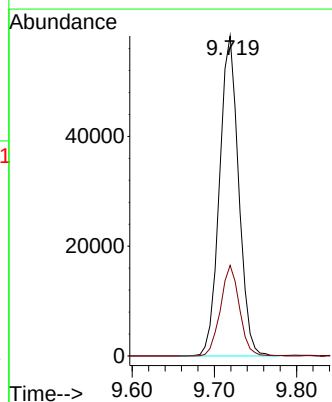
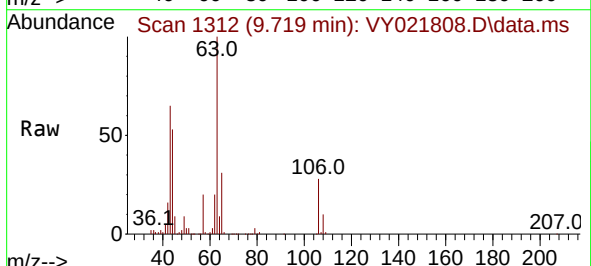
Acq: 09 Apr 2025 10:31

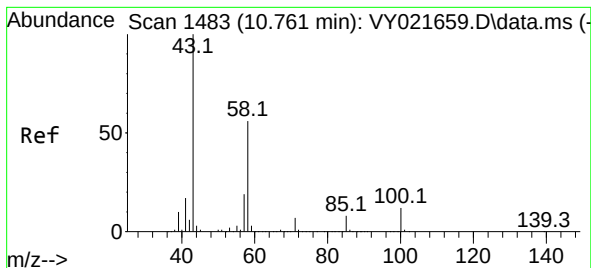
Tgt Ion: 63 Resp: 94411

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

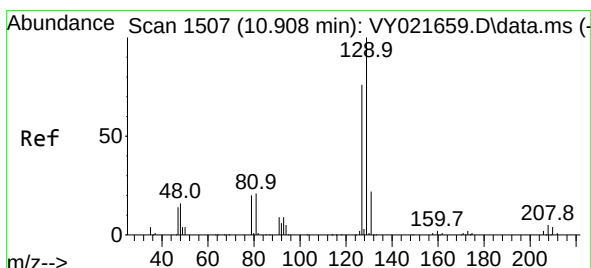
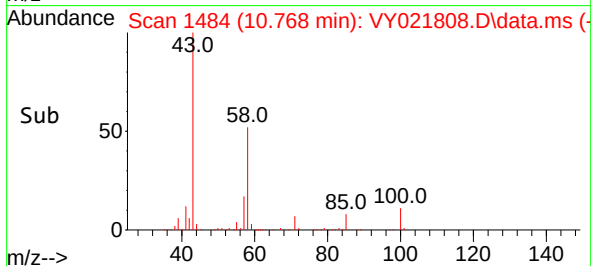
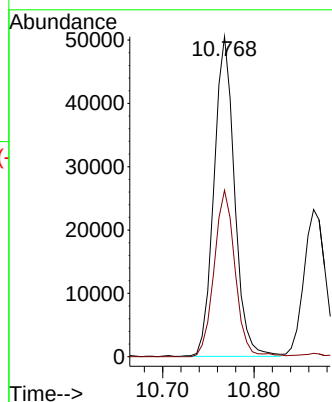
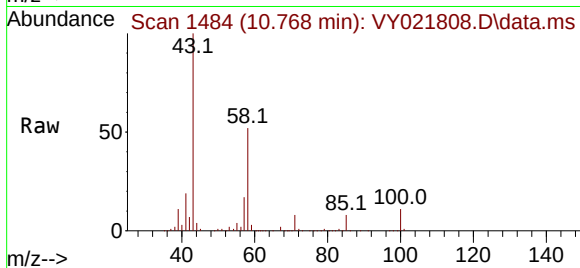




#59
2-Hexanone
Concen: 83.043 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

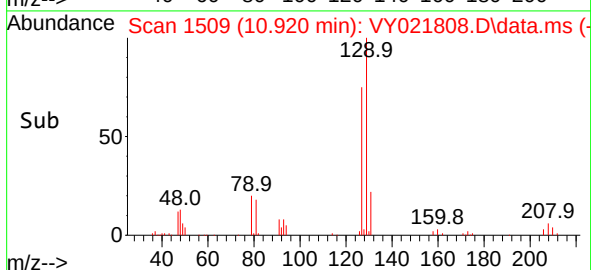
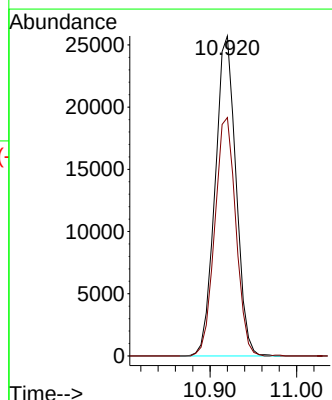
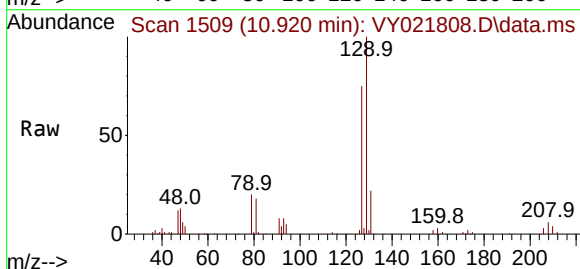
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

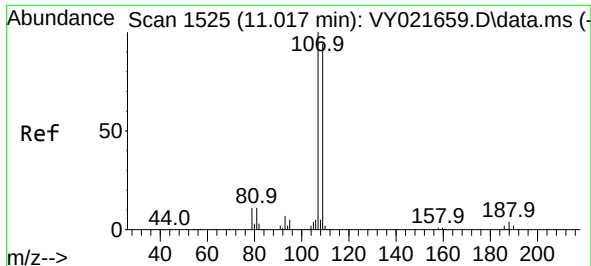
Tgt Ion: 43 Resp: 78808
Ion Ratio Lower Upper
43 100
58 53.0 27.2 81.5



#60
Dibromochloromethane
Concen: 19.552 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 129 Resp: 42968
Ion Ratio Lower Upper
129 100
127 75.3 38.6 115.7

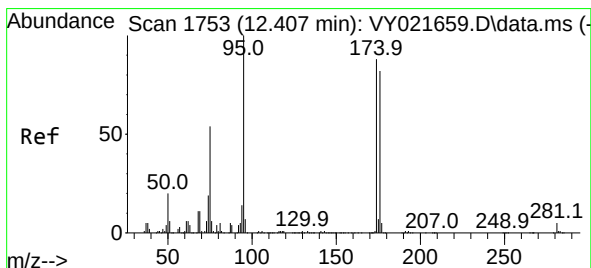
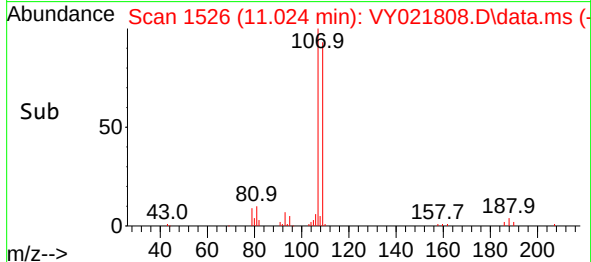
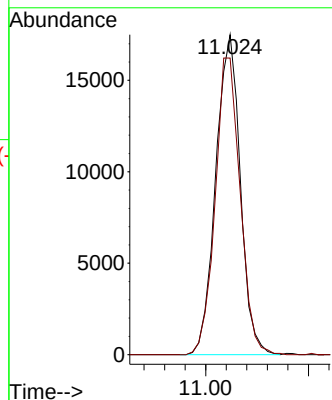
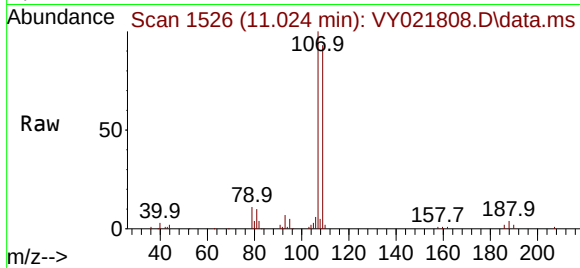




#61
1,2-Dibromoethane
Concen: 19.168 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

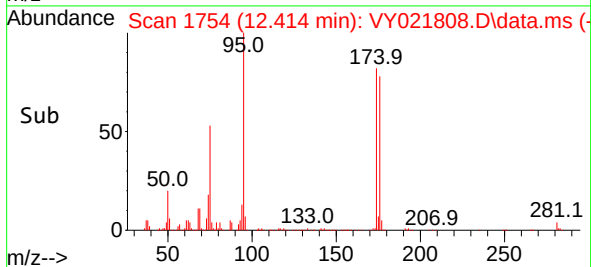
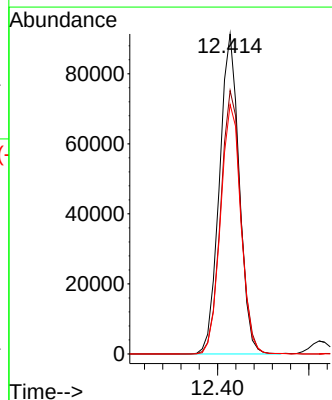
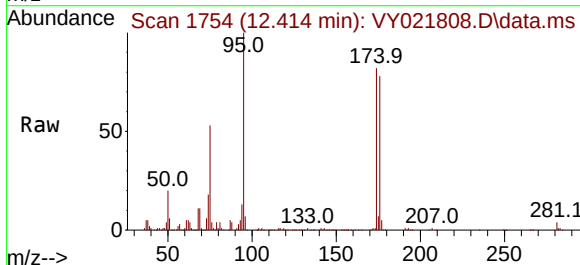
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

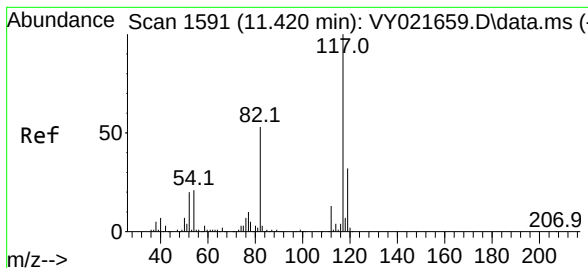
Tgt Ion:107 Resp: 28943
Ion Ratio Lower Upper
107 100
109 94.6 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 53.232 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 95 Resp: 137685
Ion Ratio Lower Upper
95 100
174 84.0 0.0 170.8
176 80.2 0.0 162.0

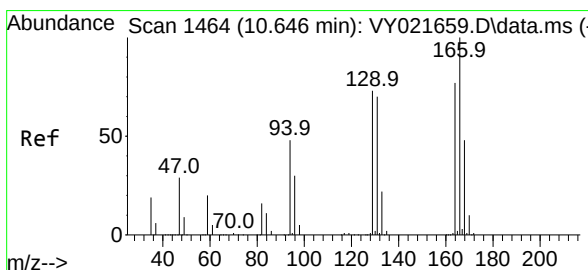
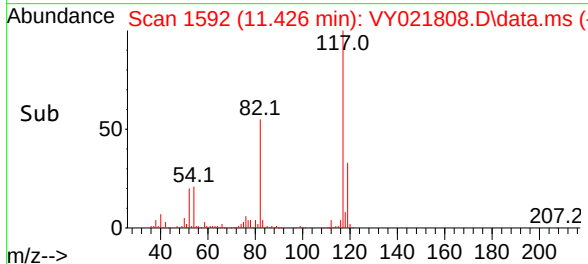
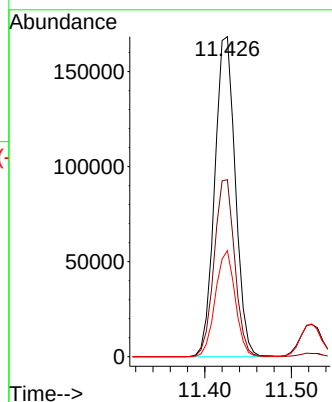
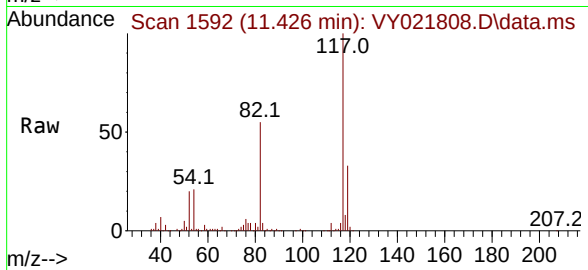




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

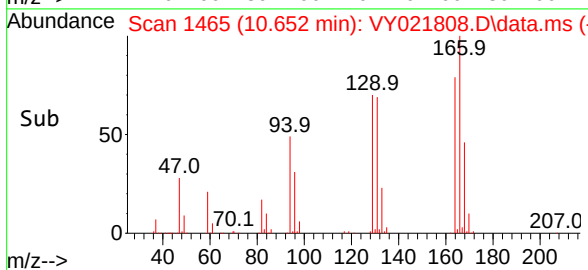
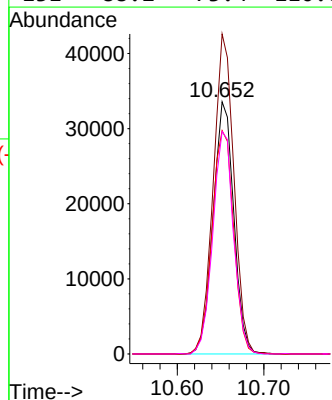
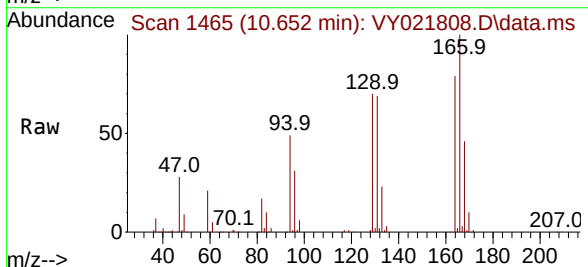
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

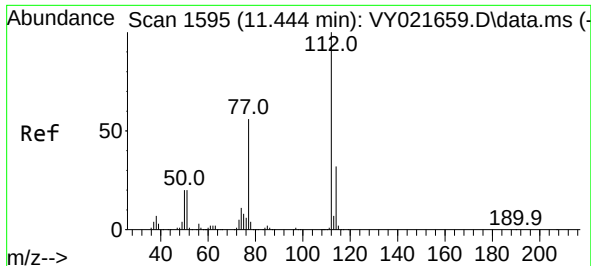
Tgt Ion:117 Resp: 278319
Ion Ratio Lower Upper
117 100
82 55.3 42.8 64.2
119 33.2 25.7 38.5



#64
Tetrachloroethene
Concen: 22.032 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion:164 Resp: 55848
Ion Ratio Lower Upper
164 100
166 126.9 104.6 156.8
129 88.6 76.6 114.8
131 88.2 73.4 110.0

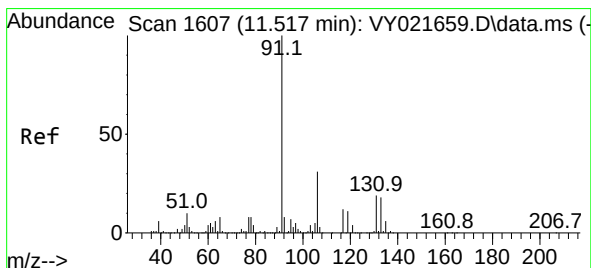
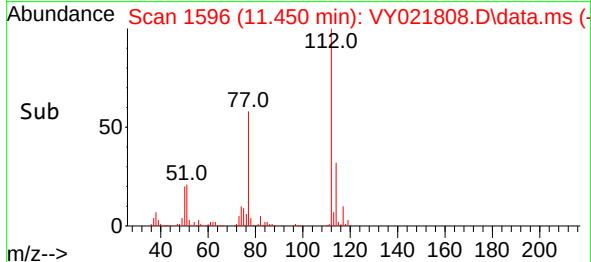
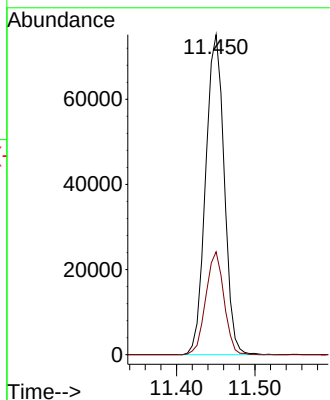
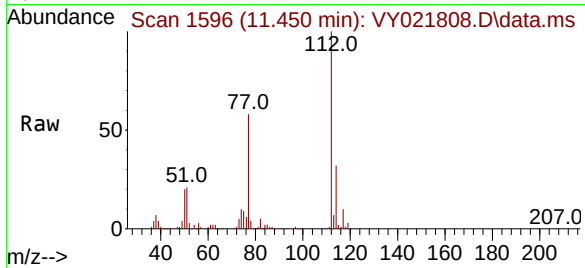




#65
Chlorobenzene
Concen: 19.369 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

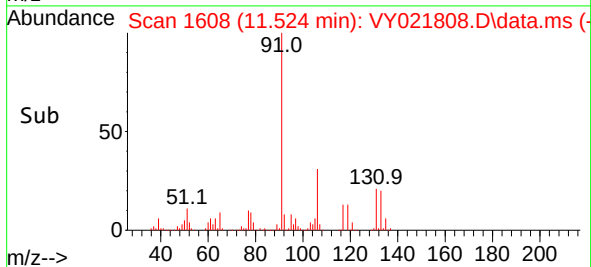
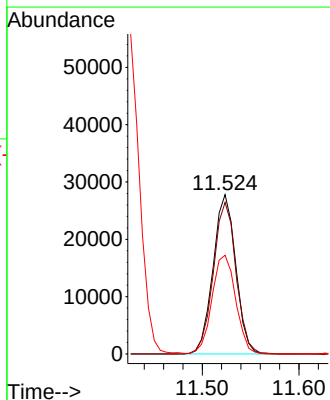
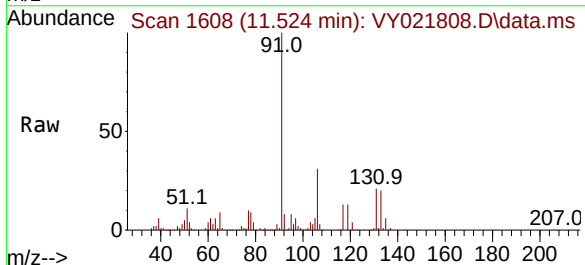
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

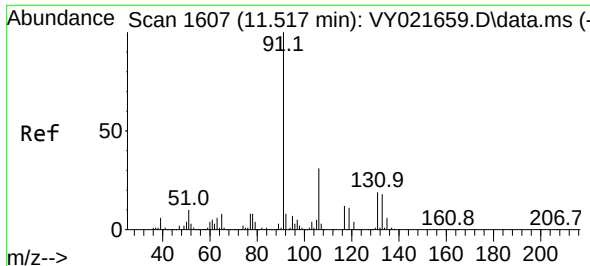
Tgt Ion:112 Resp: 123571
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.967 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion:131 Resp: 45198
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.8
119 64.6 31.6 95.0





#67

Ethyl Benzene

Concen: 19.177 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.012 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

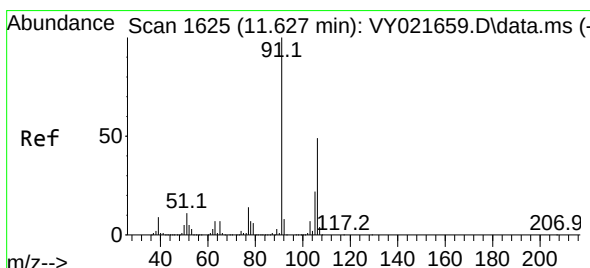
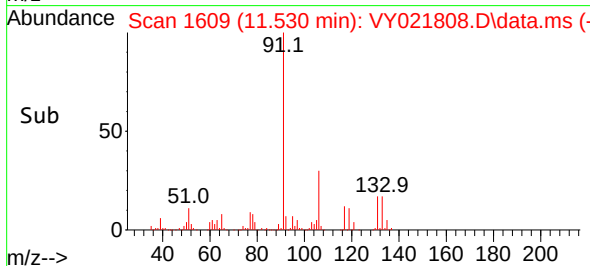
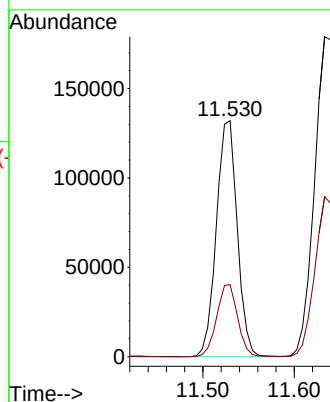
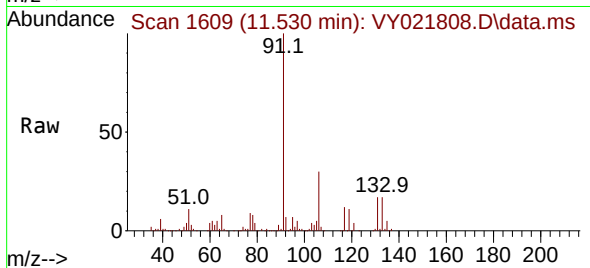
VY0409SBS01

Tgt Ion: 91 Resp: 209802

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 39.029 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021808.D

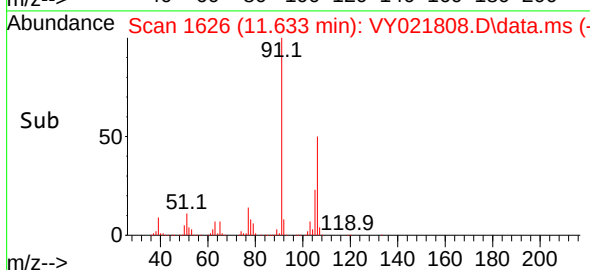
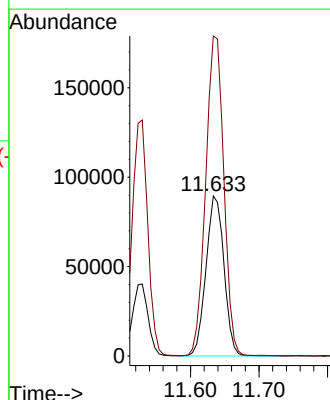
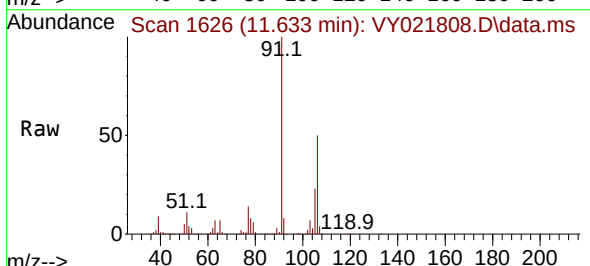
Acq: 09 Apr 2025 10:31

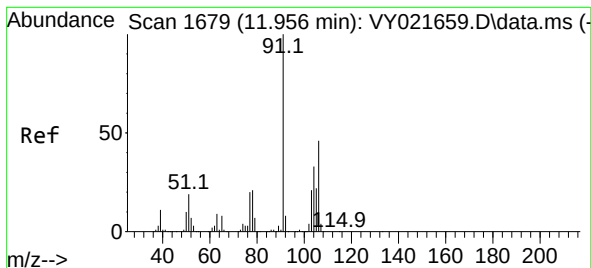
Tgt Ion: 106 Resp: 163506

Ion Ratio Lower Upper

106 100

91 201.0 162.4 243.6





#69

o-Xylene

Concen: 18.640 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

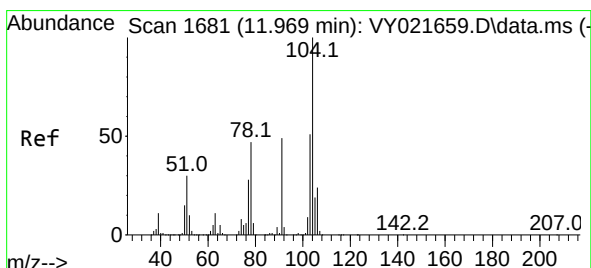
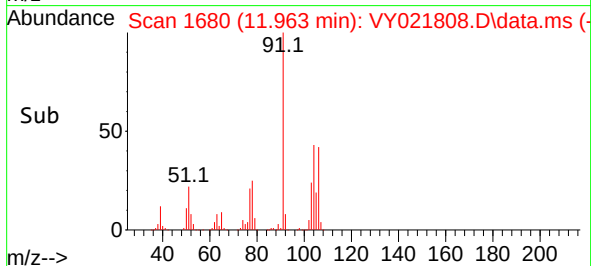
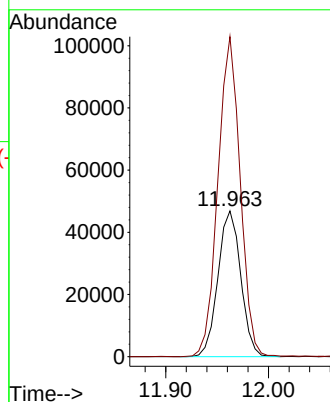
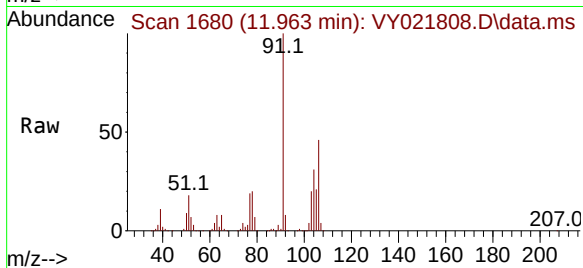
VY0409SBS01

Tgt Ion:106 Resp: 72082

Ion Ratio Lower Upper

106 100

91 215.3 106.7 319.9



#70

Styrene

Concen: 19.464 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

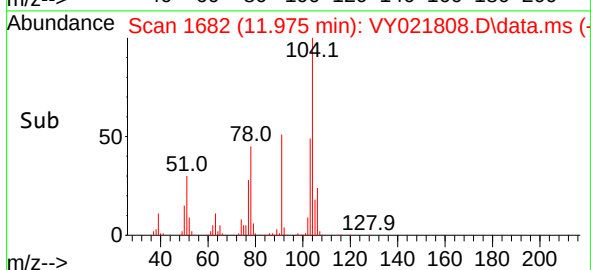
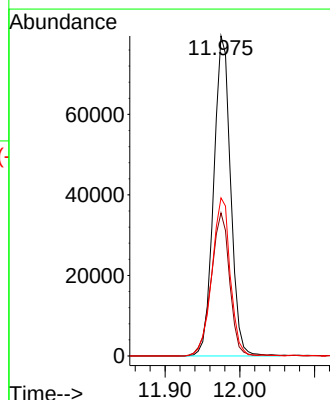
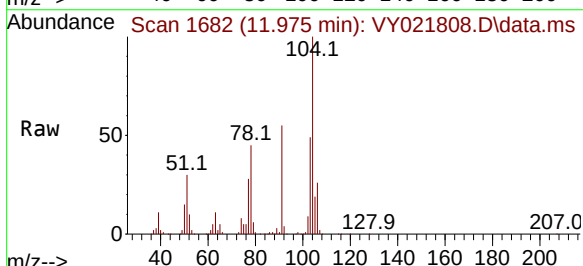
Tgt Ion:104 Resp: 125496

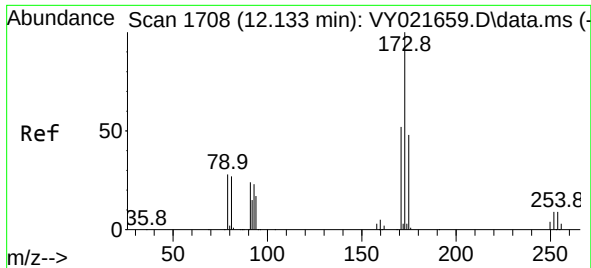
Ion Ratio Lower Upper

104 100

78 48.4 40.8 61.2

103 53.3 44.2 66.2

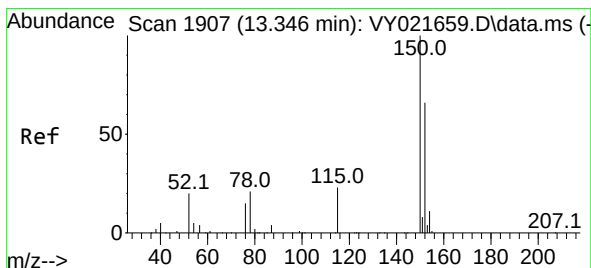
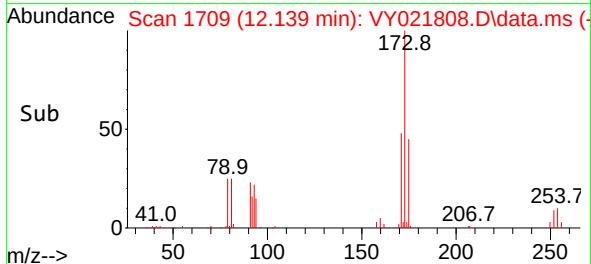
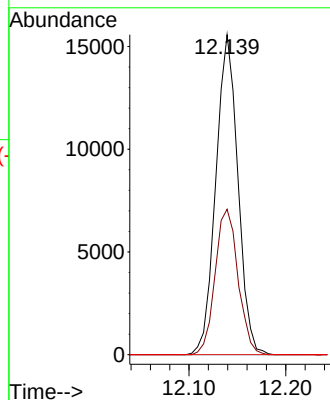
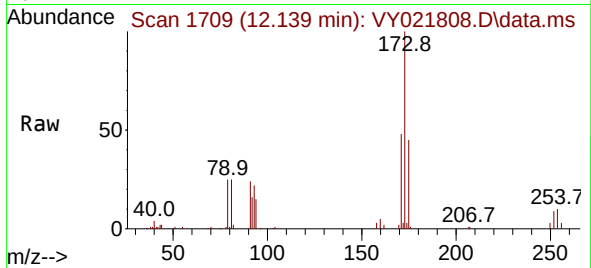




#71
Bromoform
Concen: 19.089 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

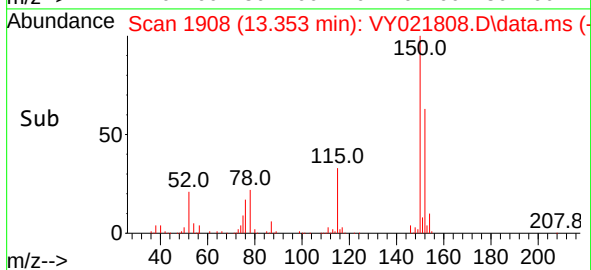
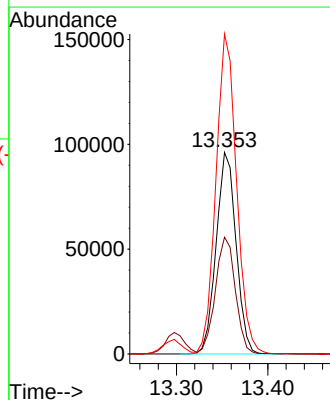
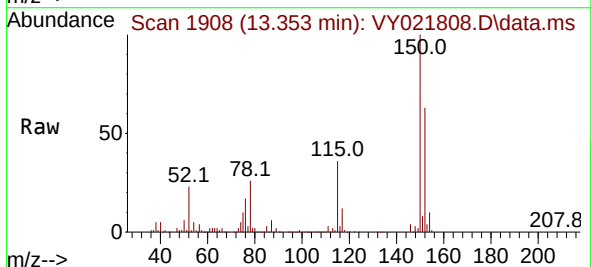
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

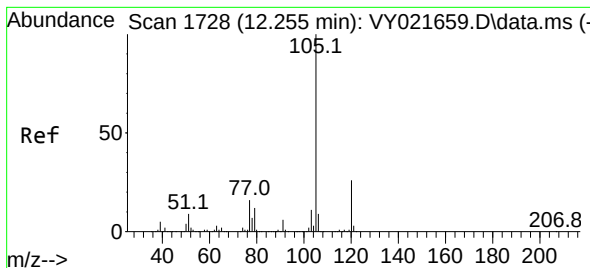
Tgt Ion:173 Resp: 24648
Ion Ratio Lower Upper
173 100
175 47.2 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion:152 Resp: 145498
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 164.5 0.0 348.4





#73

Isopropylbenzene

Concen: 18.020 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

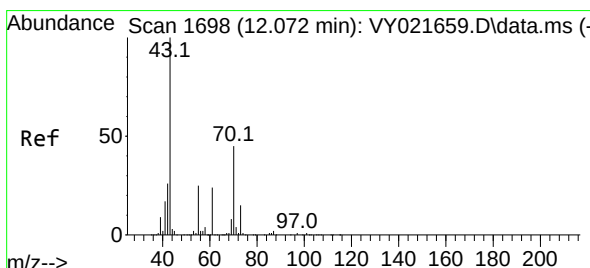
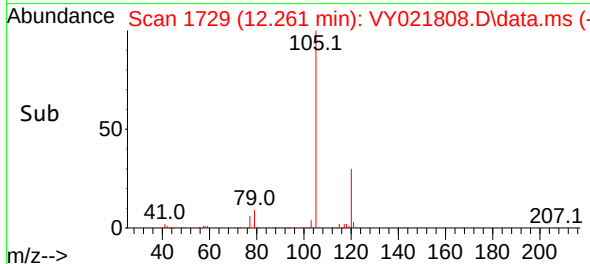
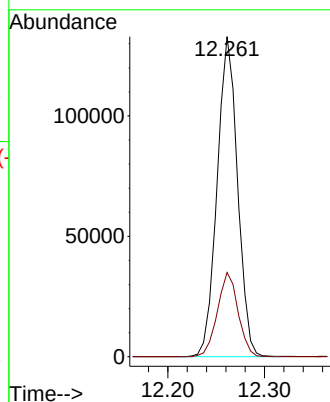
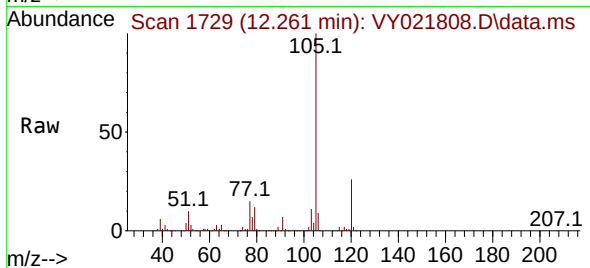
VY0409SBS01

Tgt Ion:105 Resp: 194735

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-amy1 acetate

Concen: 15.935 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Tgt Ion: 43 Resp: 40416

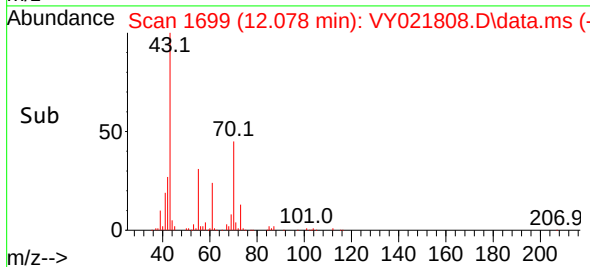
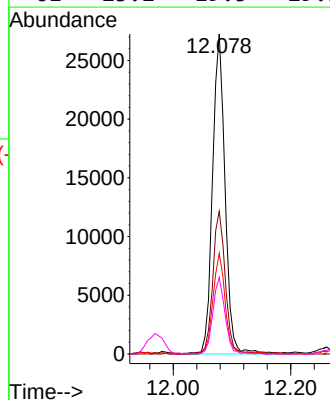
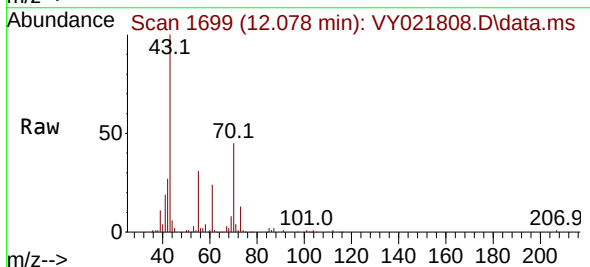
Ion Ratio Lower Upper

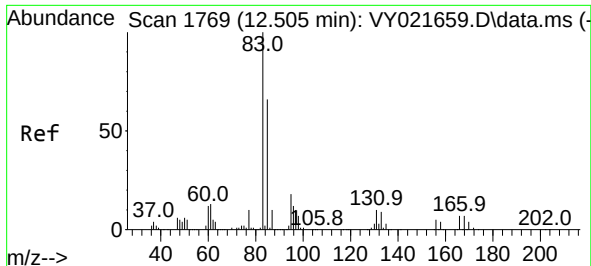
43 100

70 44.4 34.7 52.1

55 30.8 21.2 31.8

61 23.2 19.5 29.3

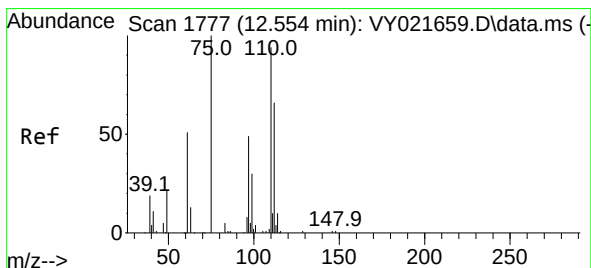
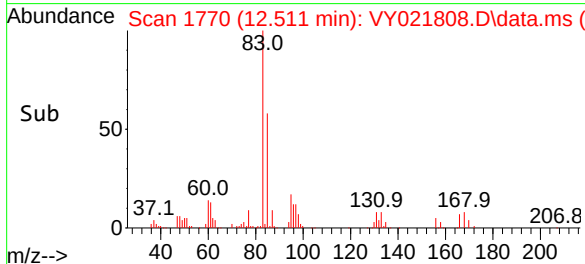
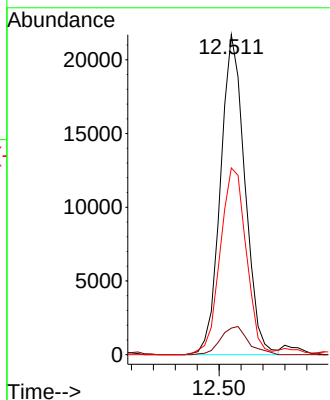
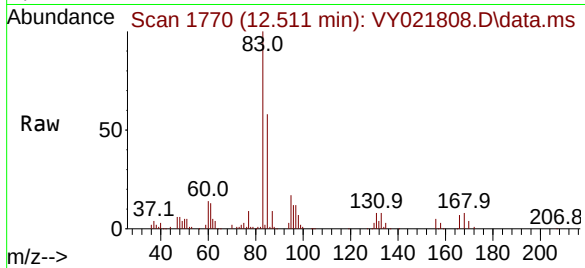




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.276 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

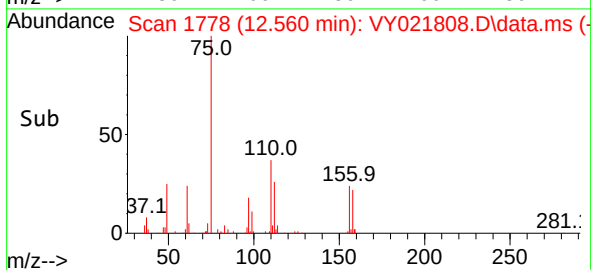
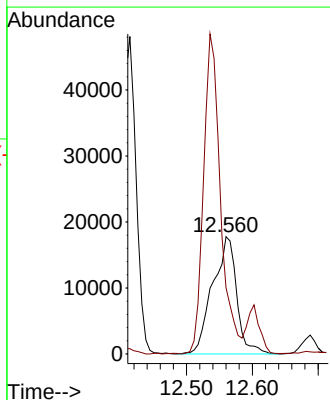
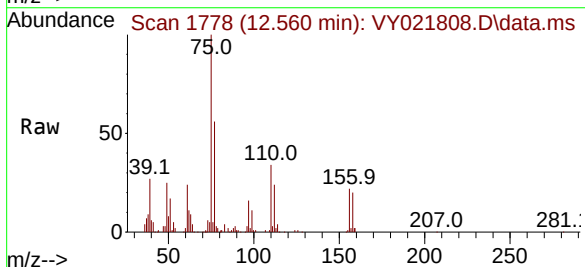
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

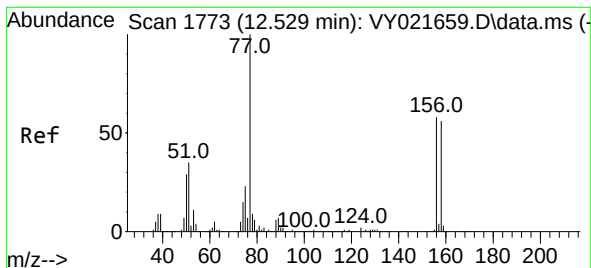
Tgt Ion: 83 Resp: 33567
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.3
 85 62.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 31.376 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

Tgt Ion: 75 Resp: 45253
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.527 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

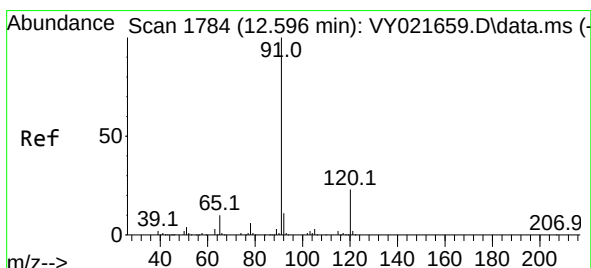
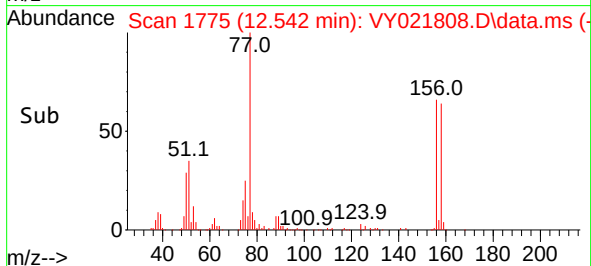
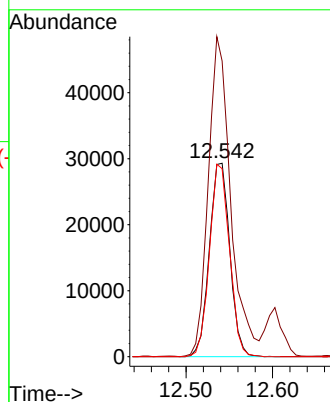
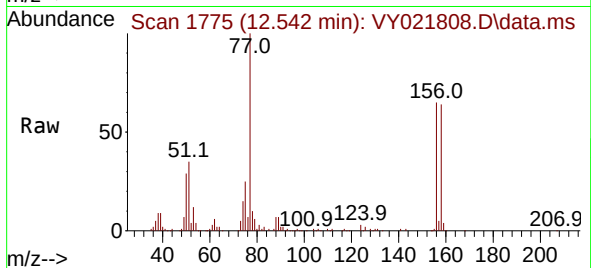
Tgt Ion:156 Resp: 48071

Ion Ratio Lower Upper

156 100

77 181.5 92.8 278.3

158 97.3 48.5 145.6



#78

n-propylbenzene

Concen: 18.678 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY021808.D

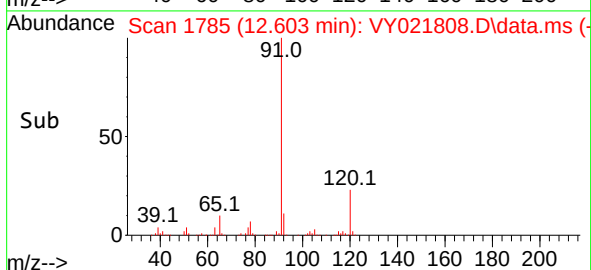
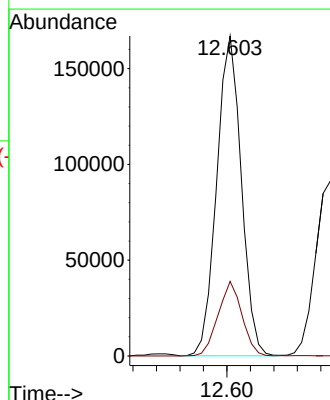
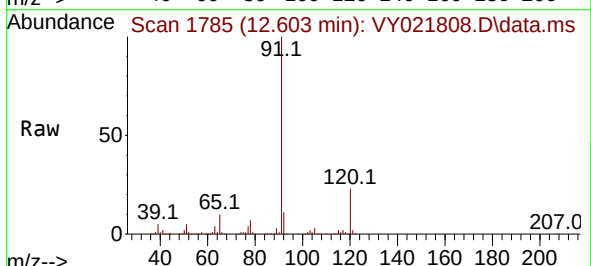
Acq: 09 Apr 2025 10:31

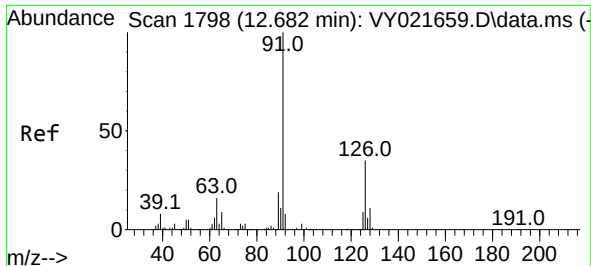
Tgt Ion: 91 Resp: 242670

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

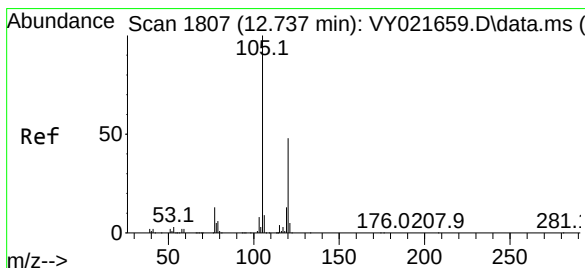
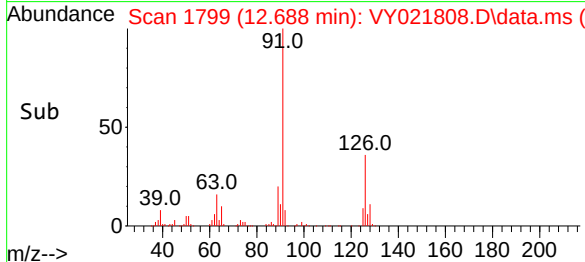
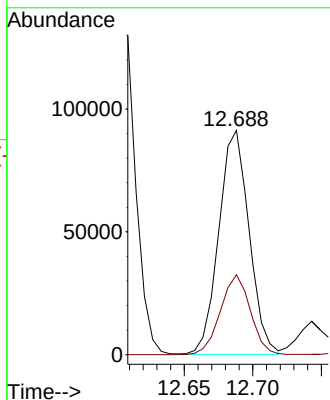
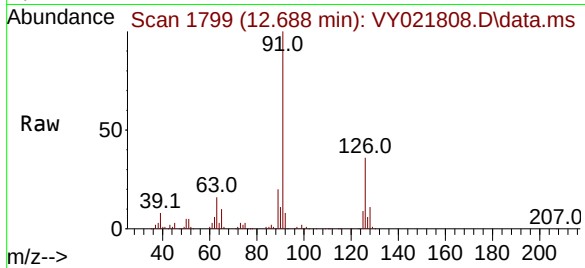




#79
2-Chlorotoluene
Concen: 18.560 ug/l
RT: 12.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

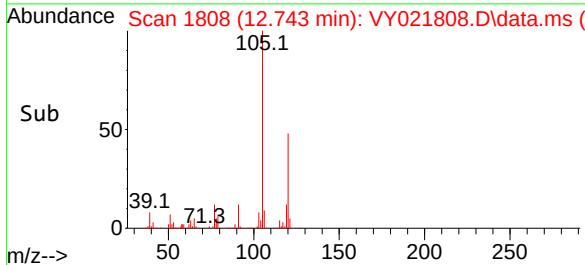
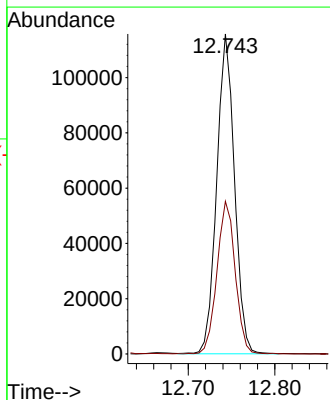
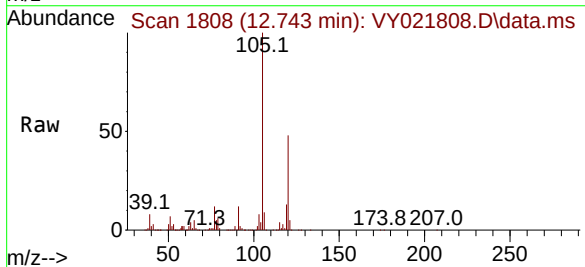
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

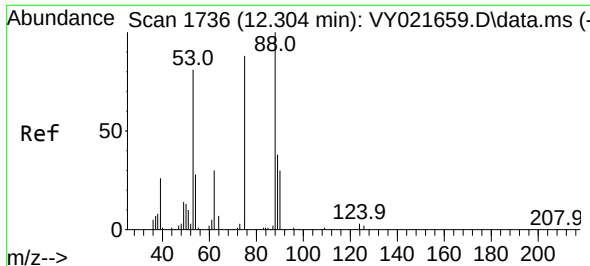
Tgt Ion: 91 Resp: 140056
Ion Ratio Lower Upper
91 100
126 35.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 18.656 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 105 Resp: 164775
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5

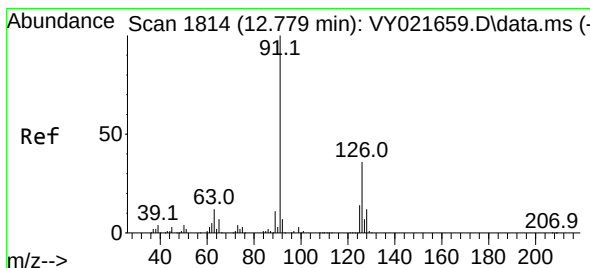
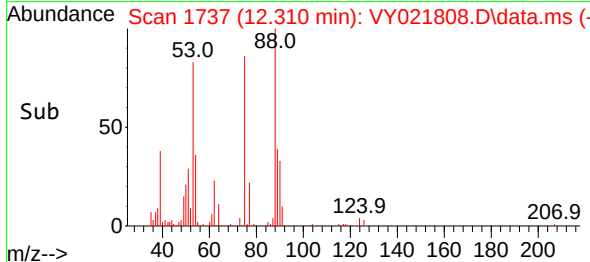
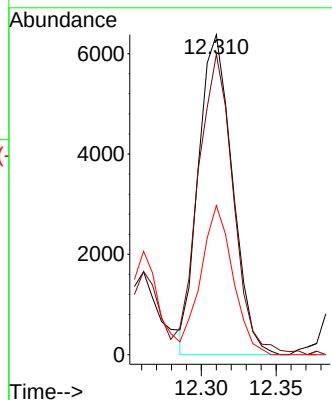
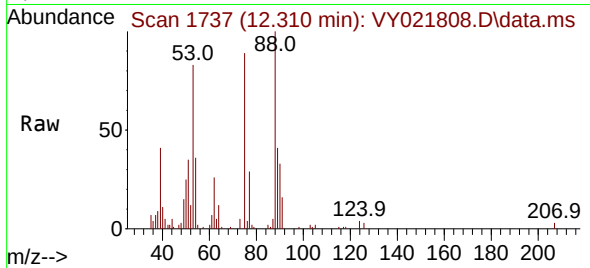




#81
trans-1,4-Dichloro-2-butene
Concen: 16.035 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

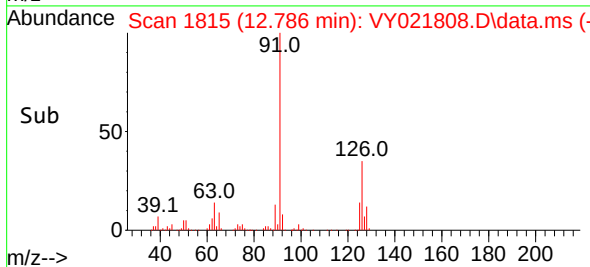
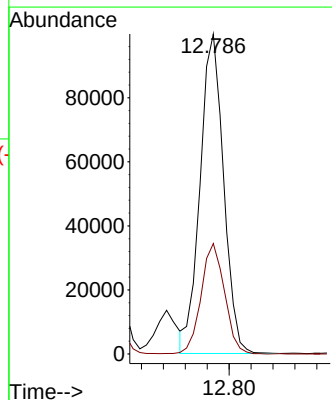
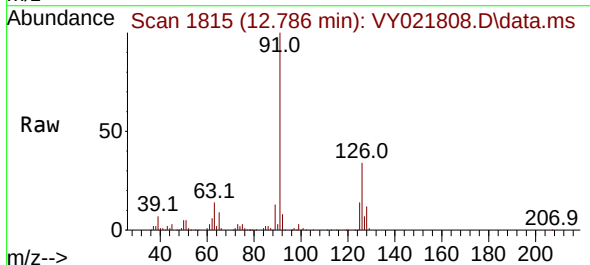
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

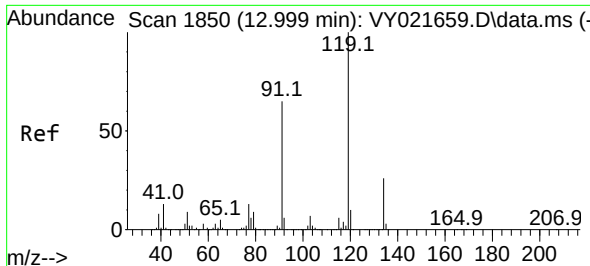
Tgt Ion: 75 Resp: 10037
Ion Ratio Lower Upper
75 100
53 98.2 76.1 114.1
89 44.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 18.875 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion: 91 Resp: 148491
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

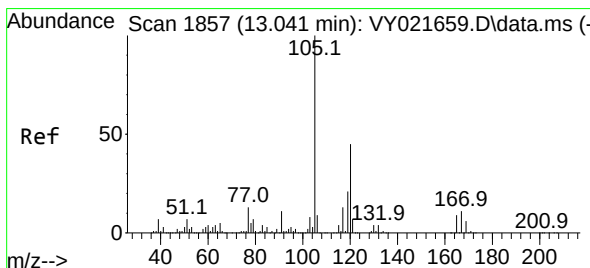
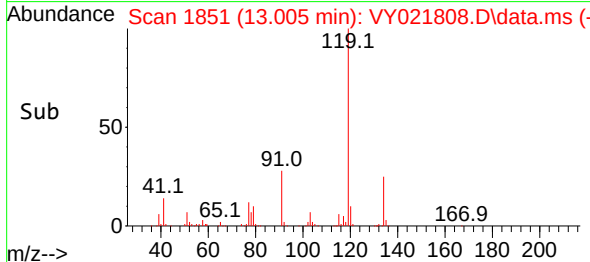
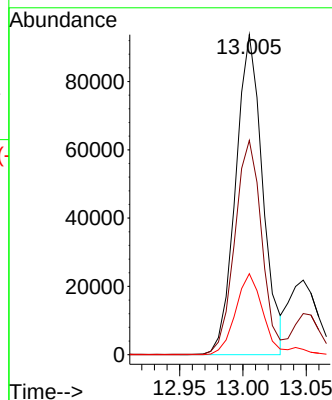
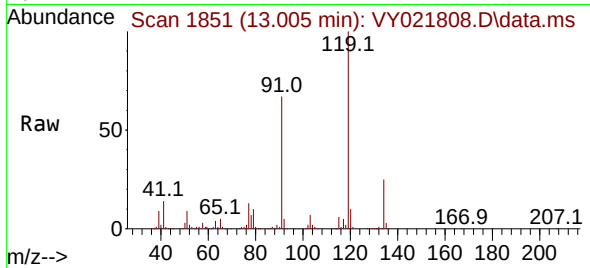




#83
tert-Butylbenzene
Concen: 17.782 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

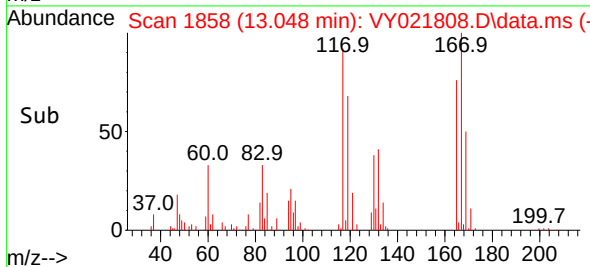
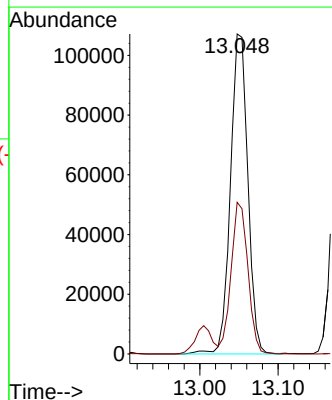
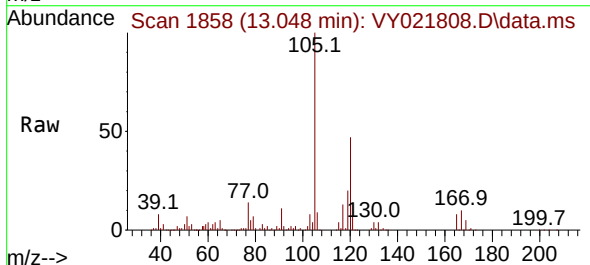
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

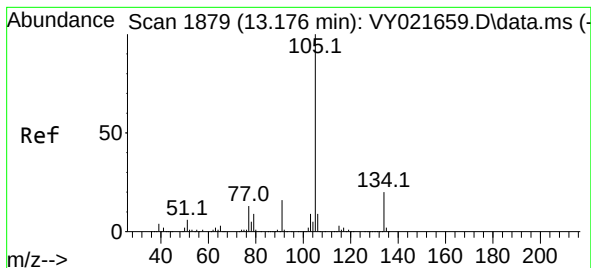
Tgt Ion:119 Resp: 139885
Ion Ratio Lower Upper
119 100
91 66.4 32.6 97.7
134 25.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.894 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion:105 Resp: 164934
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 18.622 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

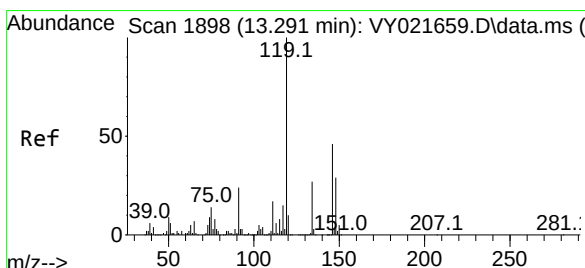
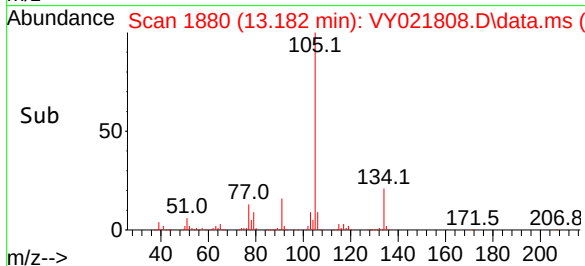
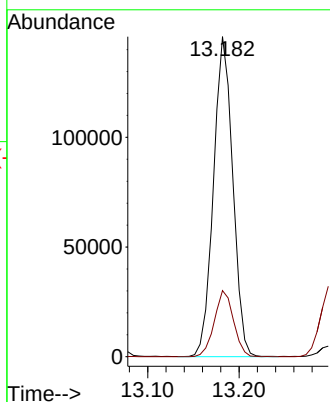
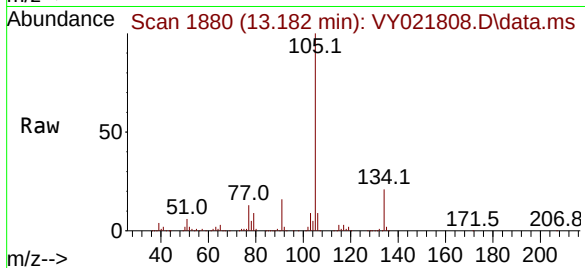
VY0409SBS01

Tgt Ion:105 Resp: 214095

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.516 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

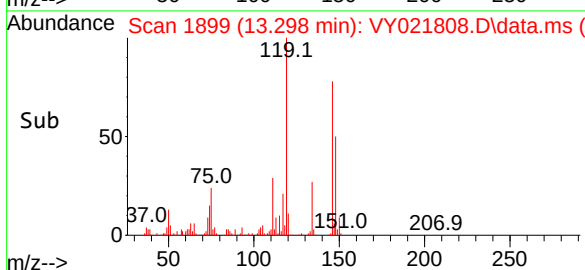
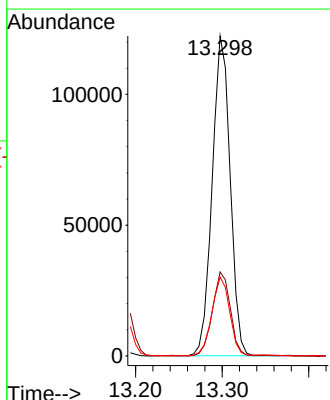
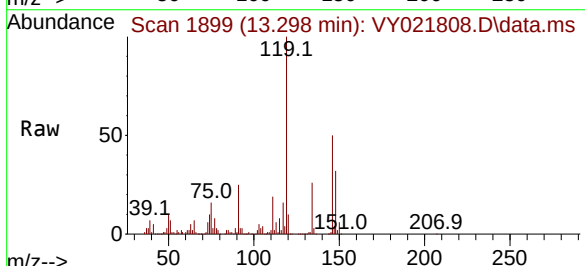
Tgt Ion:119 Resp: 175936

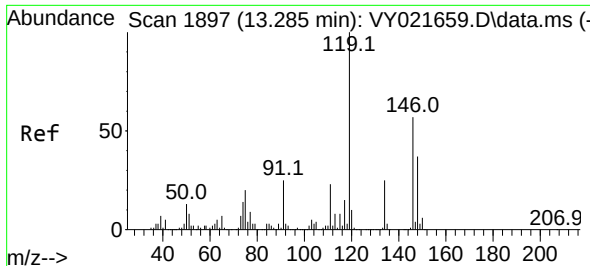
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 24.3 12.0 36.0

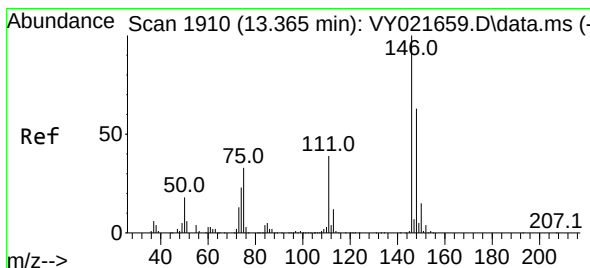
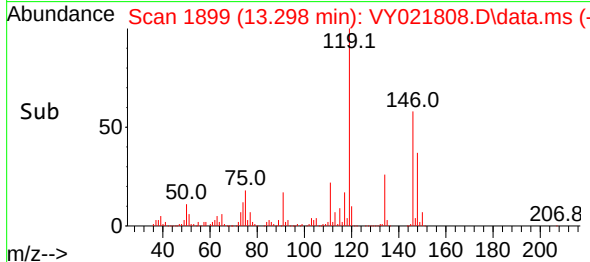
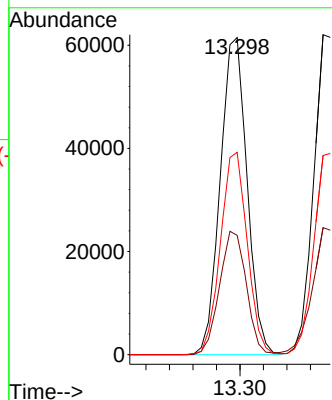
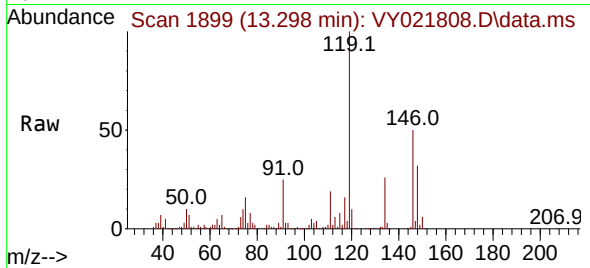




#87
1,3-Dichlorobenzene
Concen: 19.070 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.012 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

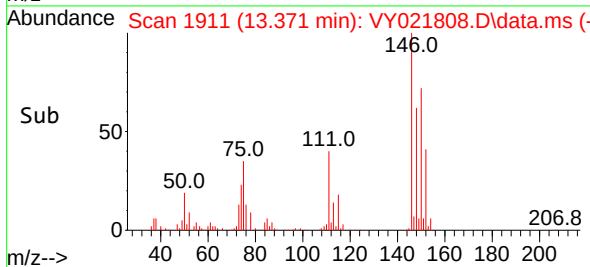
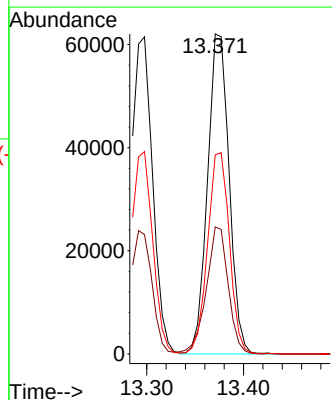
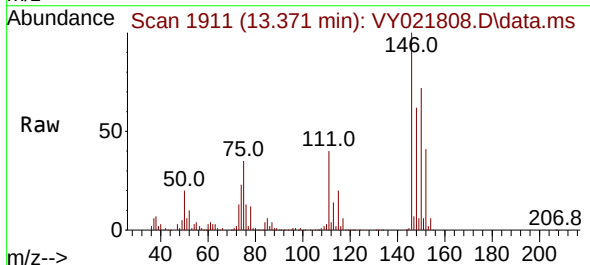
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

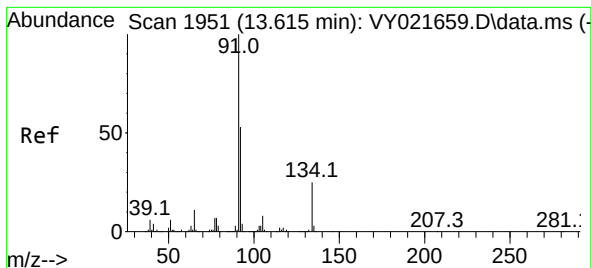
Tgt Ion:146 Resp: 97485
Ion Ratio Lower Upper
146 100
111 38.9 20.0 60.0
148 63.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.090 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021808.D
Acq: 09 Apr 2025 10:31

Tgt Ion:146 Resp: 96418
Ion Ratio Lower Upper
146 100
111 40.5 19.1 57.1
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 17.879 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.012 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

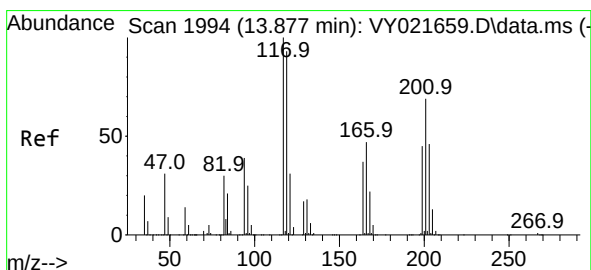
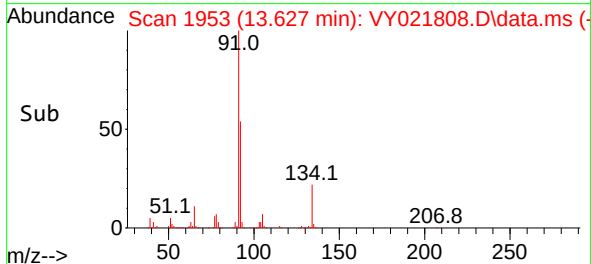
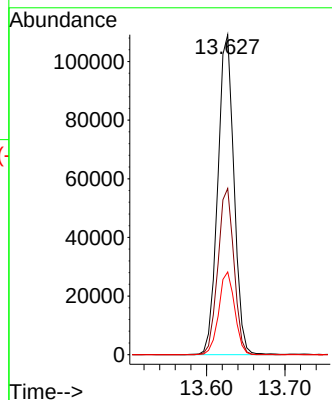
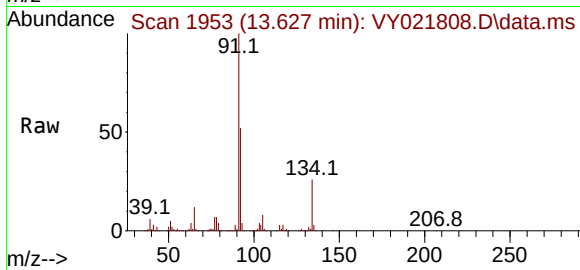
Tgt Ion: 91 Resp: 157112

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 17.743 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.012 min

Lab File: VY021808.D

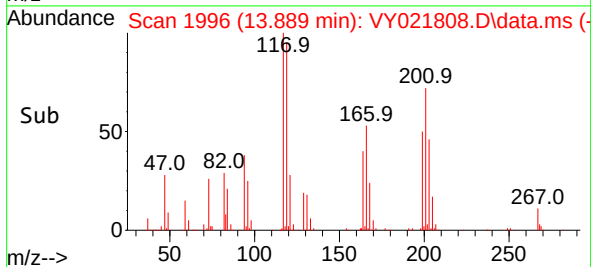
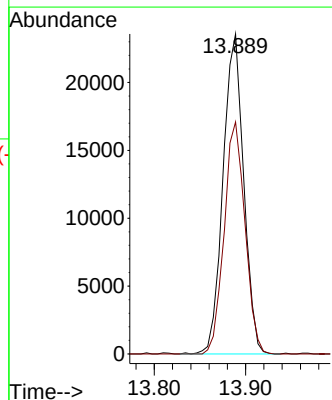
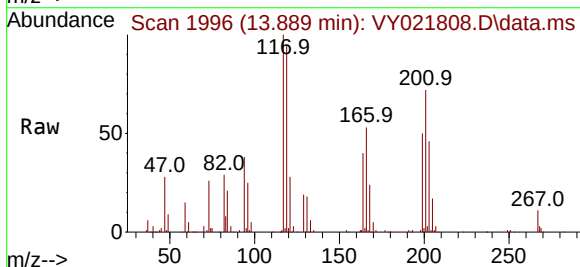
Acq: 09 Apr 2025 10:31

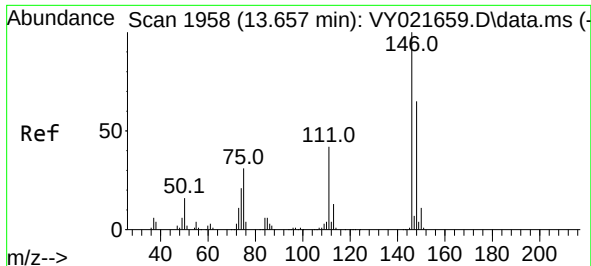
Tgt Ion: 117 Resp: 36945

Ion Ratio Lower Upper

117 100

201 73.2 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 18.854 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

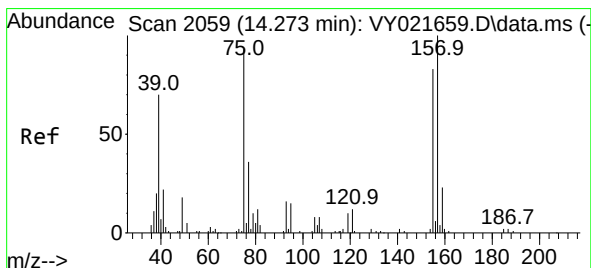
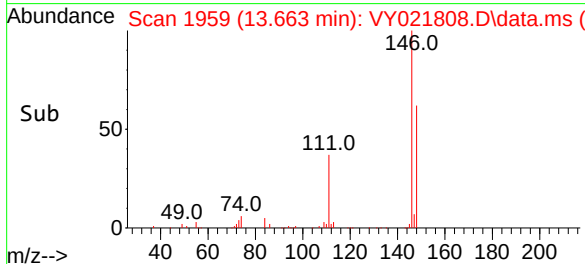
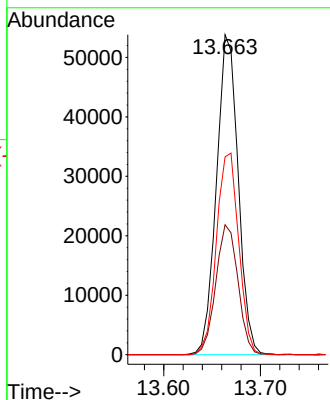
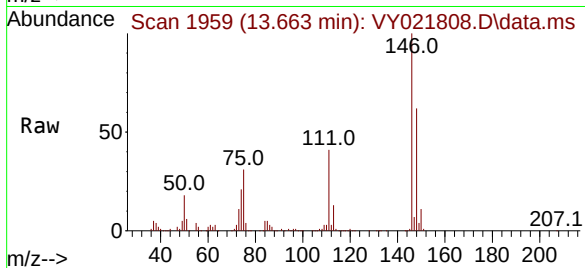
Tgt Ion:146 Resp: 83902

Ion Ratio Lower Upper

146 100

111 41.6 20.7 62.1

148 64.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.335 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

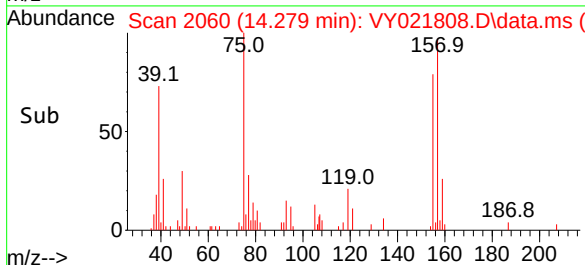
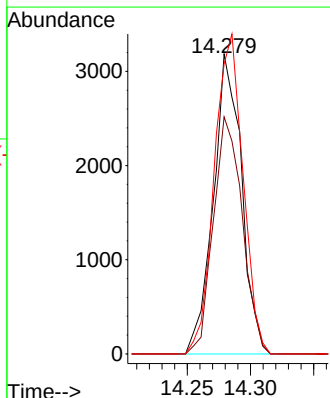
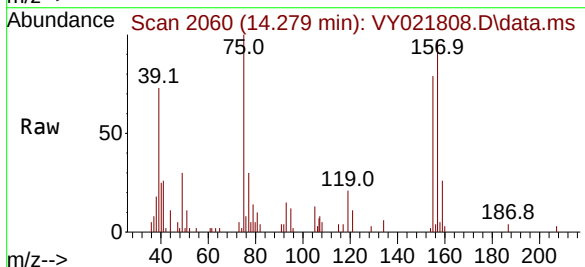
Tgt Ion: 75 Resp: 4919

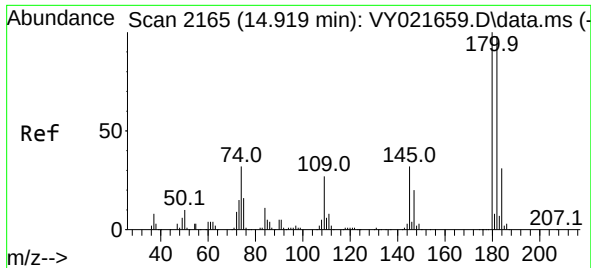
Ion Ratio Lower Upper

75 100

155 81.1 43.0 128.8

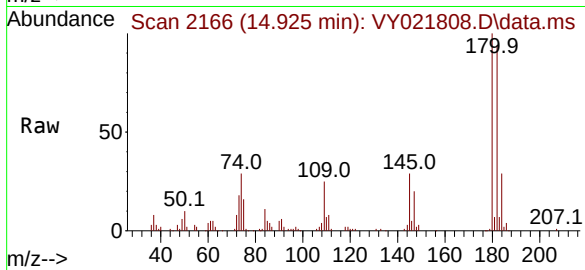
157 108.7 54.0 162.0



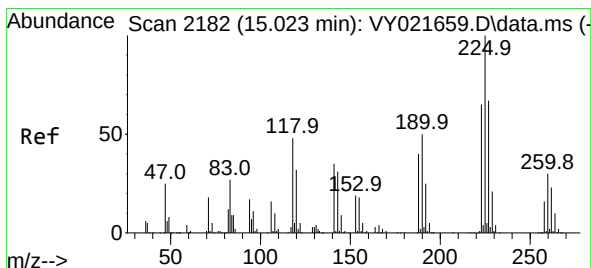
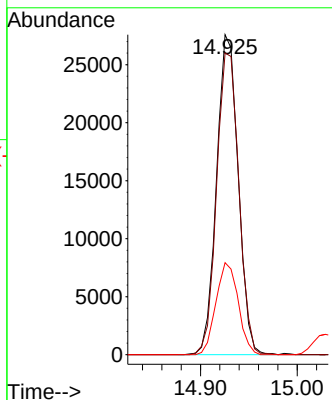
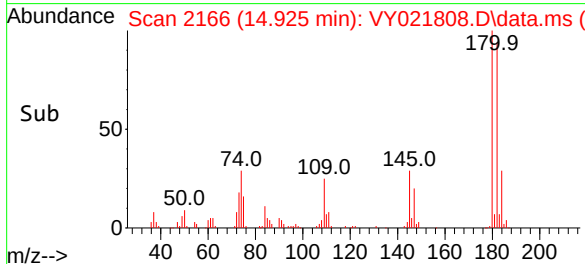


#93
 1,2,4-Trichlorobenzene
 Concen: 17.742 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

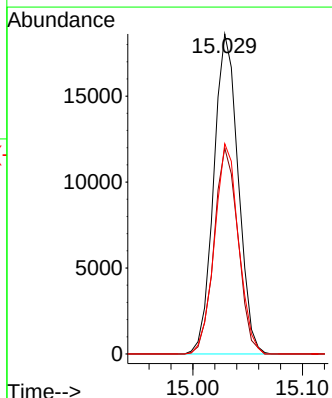
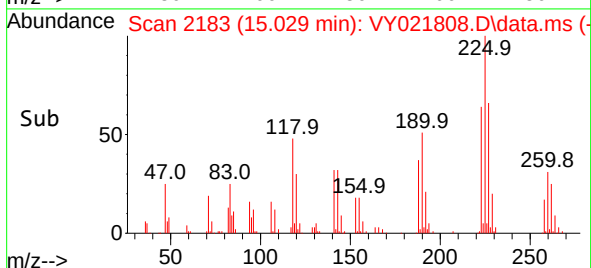
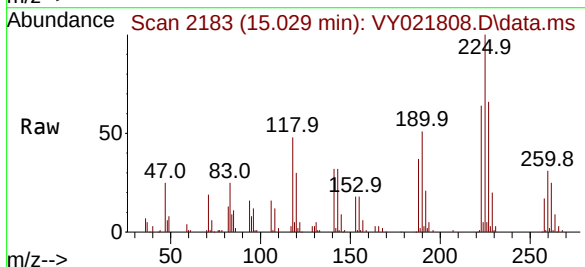


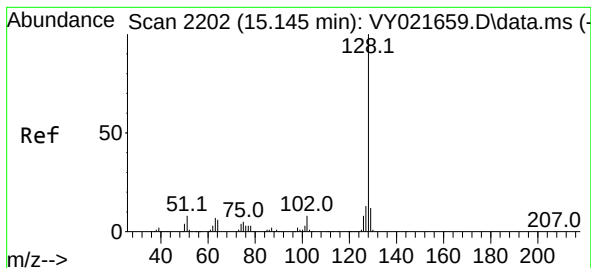
Tgt Ion:180 Resp: 42816
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.5 142.6
 145 29.5 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 19.131 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY021808.D
 Acq: 09 Apr 2025 10:31

Tgt Ion:225 Resp: 28834
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.7
 227 64.7 32.4 97.0





#95

Naphthalene

Concen: 15.921 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

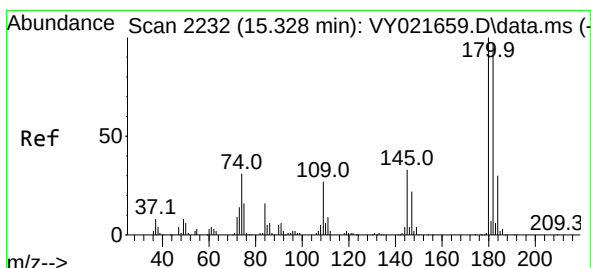
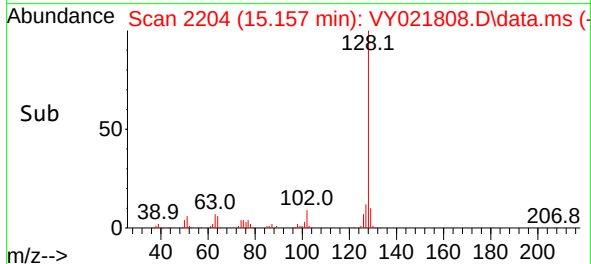
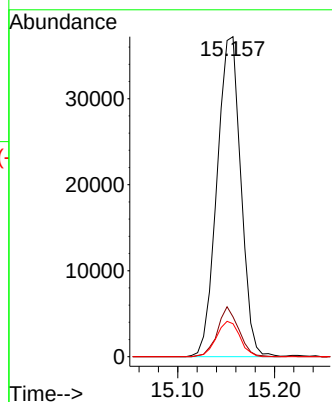
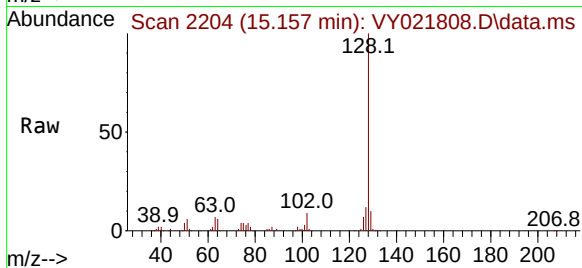
Tgt Ion:128 Resp: 63683

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.664 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY021808.D

Acq: 09 Apr 2025 10:31

Tgt Ion:180 Resp: 36350

Ion Ratio Lower Upper

180 100

182 98.1 47.5 142.5

145 33.7 15.9 47.7

