

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021880.D
 Acq On : 14 Apr 2025 19:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 15 01:53:25 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	7.707	168	234783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	374150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	337543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132119	51.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.880%	
35) Dibromofluoromethane	7.634	113	128575	52.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.109	98	488060	52.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.408	95	173756	55.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	105638	43.410	ug/l	99
3) Chloromethane	2.062	50	149963	43.826	ug/l	98
4) Vinyl Chloride	2.202	62	170060	43.946	ug/l	98
5) Bromomethane	2.598	94	128834	48.813	ug/l	99
6) Chloroethane	2.732	64	116936	46.180	ug/l	100
7) Trichlorofluoromethane	3.056	101	227325	45.858	ug/l	97
8) Diethyl Ether	3.458	74	67715	50.230	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	120967	46.267	ug/l	98
10) Methyl Iodide	4.001	142	161561	56.327	ug/l	98
11) Tert butyl alcohol	4.897	59	41077	248.610	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	117356	47.654	ug/l	99
13) Acrolein	3.659	56	17516	58.059	ug/l	99
14) Allyl chloride	4.385	41	186987	47.622	ug/l	98
15) Acrylonitrile	5.067	53	147430	261.923	ug/l	100
16) Acetone	3.885	43	104045	199.849	ug/l	97
17) Carbon Disulfide	4.104	76	356175	43.911	ug/l	99
18) Methyl Acetate	4.391	43	95135	73.731	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	326029	53.176	ug/l	96
20) Methylene Chloride	4.616	84	138502	54.733	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	134642	49.657	ug/l	97
22) Diisopropyl ether	6.018	45	419207	50.895	ug/l	97
23) Vinyl Acetate	5.964	43	1143765	237.368	ug/l	98
24) 1,1-Dichloroethane	5.915	63	245778	49.903	ug/l	99
25) 2-Butanone	6.896	43	182767	245.786	ug/l	96
26) 2,2-Dichloropropane	6.884	77	202752	46.279	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	155392	50.961	ug/l	96
28) Bromochloromethane	7.244	49	105897	50.983	ug/l	93
29) Tetrahydrofuran	7.268	42	123594	258.254	ug/l	95
30) Chloroform	7.421	83	259480	50.653	ug/l	98
31) Cyclohexane	7.701	56	197780	44.052	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	226694	48.963	ug/l	98
36) 1,1-Dichloropropene	7.835	75	174773	47.277	ug/l	98
37) Ethyl Acetate	6.982	43	83224	47.702	ug/l	97
38) Carbon Tetrachloride	7.817	117	204992	48.415	ug/l	98
39) Methylcyclohexane	9.109	83	210678	47.706	ug/l	99
40) Benzene	8.079	78	550867	49.758	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021880.D
 Acq On : 14 Apr 2025 19:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 15 01:53:25 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)
41) Methacrylonitrile	7.219	41	47405	51.163	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	155344	49.773	ug/l	100
43) Isopropyl Acetate	8.201	43	168463	50.953	ug/l	97
44) Trichloroethene	8.866	130	145400	51.546	ug/l	99
45) 1,2-Dichloropropane	9.140	63	133032	50.765	ug/l	98
46) Dibromomethane	9.231	93	78457	51.949	ug/l	99
47) Bromodichloromethane	9.426	83	197855	50.558	ug/l	97
48) Methyl methacrylate	9.219	41	79764	52.565	ug/l	97
49) 1,4-Dioxane	9.243	88	16927	1046.229	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	465643	270.632	ug/l	99
52) Toluene	10.170	92	351527	50.892	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	176569	50.797	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	202657	49.420	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	102050	52.507	ug/l	98
56) Ethyl methacrylate	10.438	69	142287	57.334	ug/l	97
57) 1,3-Dichloropropane	10.719	76	174717	52.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	363354	300.129	ug/l	98
59) 2-Hexanone	10.762	43	312475	272.695	ug/l	98
60) Dibromochloromethane	10.914	129	140656	53.006	ug/l	100
61) 1,2-Dibromoethane	11.011	107	96399	52.873	ug/l	96
64) Tetrachloroethene	10.646	164	159653	51.932	ug/l	99
65) Chlorobenzene	11.444	112	389238	50.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	140594	51.213	ug/l	100
67) Ethyl Benzene	11.517	91	668237	50.363	ug/l	98
68) m/p-Xylenes	11.627	106	514191	101.203	ug/l	99
69) o-Xylene	11.956	106	242832	51.777	ug/l	99
70) Styrene	11.969	104	412679	52.774	ug/l	99
71) Bromoform	12.133	173	84793	54.147	ug/l #	100
73) Isopropylbenzene	12.255	105	641719	48.398	ug/l	99
74) N-amyl acetate	12.072	43	152153	48.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	114837	48.172	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	155683	87.977	ug/l #	100
77) Bromobenzene	12.529	156	155958	48.989	ug/l	99
78) n-propylbenzene	12.597	91	762970	47.863	ug/l	99
79) 2-Chlorotoluene	12.682	91	443147	47.863	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	529871	48.896	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	35572	46.318	ug/l	99
82) 4-Chlorotoluene	12.779	91	458428	47.493	ug/l	99
83) tert-Butylbenzene	12.999	119	470233	48.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	530030	49.487	ug/l	99
85) sec-Butylbenzene	13.176	105	680731	48.259	ug/l	100
86) p-Isopropyltoluene	13.292	119	572741	49.127	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	305435	48.697	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	301248	48.612	ug/l	99
89) n-Butylbenzene	13.615	91	517352	47.983	ug/l	98
90) Hexachloroethane	13.883	117	121746	47.654	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	272399	49.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19654	53.194	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	162195	54.779	ug/l	98
94) Hexachlorobutadiene	15.023	225	93949	50.805	ug/l	99
95) Naphthalene	15.145	128	307369	62.628	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	144233	57.124	ug/l	99

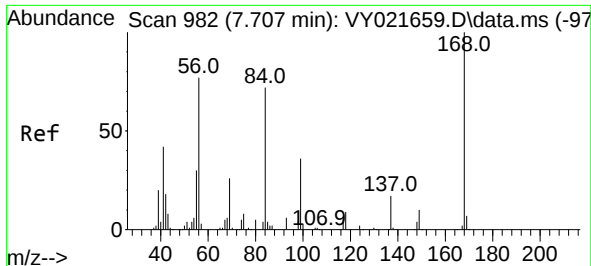
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
Data File : VY021880.D
Acq On : 14 Apr 2025 19:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 15 01:53:25 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)
----------	------	------	----------	------	-------	----------

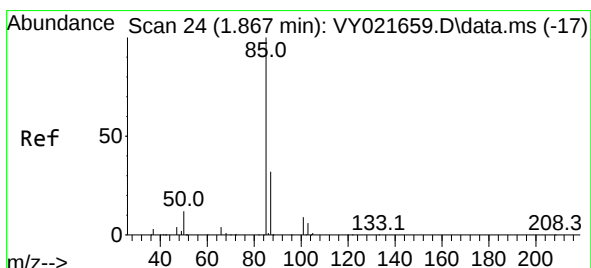
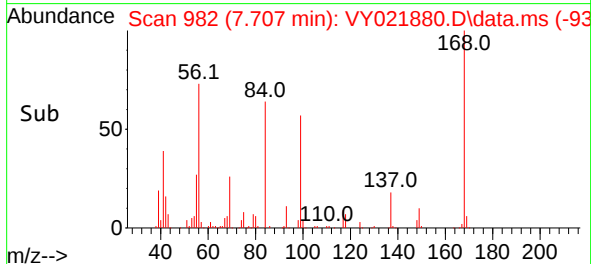
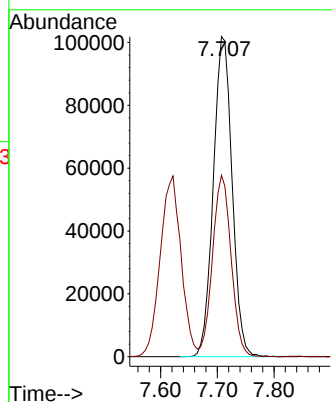
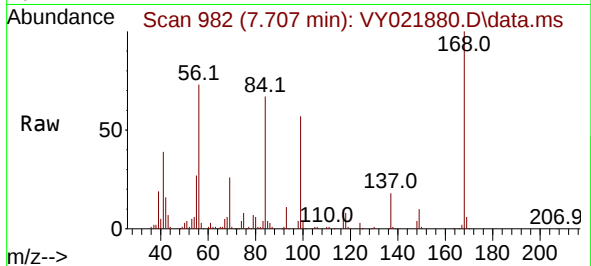
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

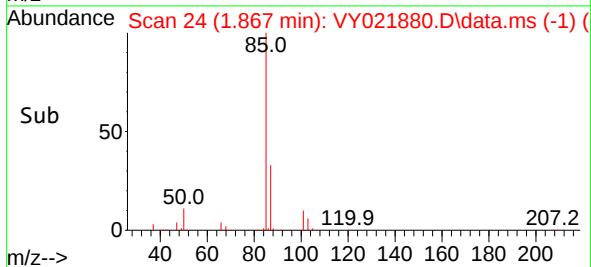
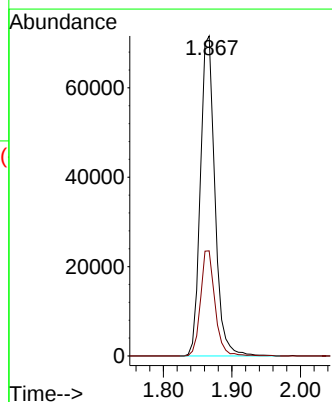
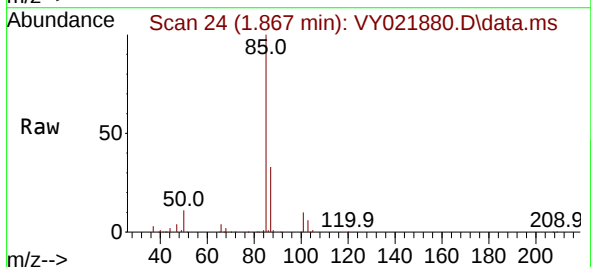
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

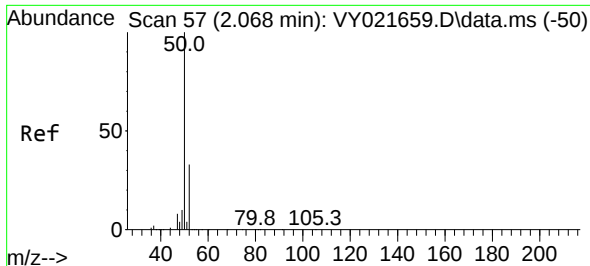
Tgt Ion:168 Resp: 234783
Ion Ratio Lower Upper
168 100
99 56.7 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 43.410 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 85 Resp: 105638
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6

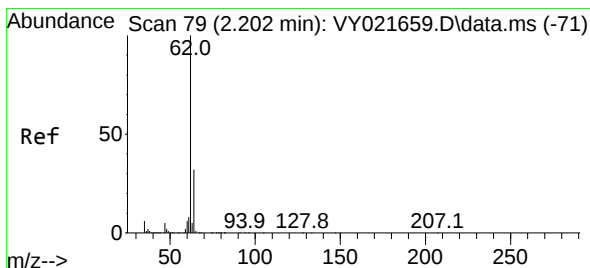
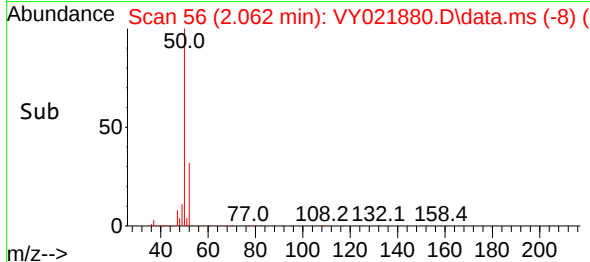
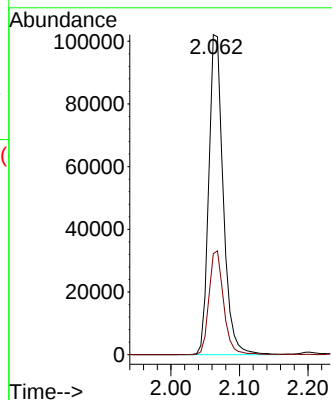
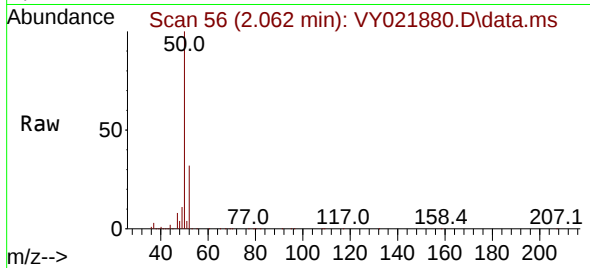




#3
Chloromethane
Concen: 43.826 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

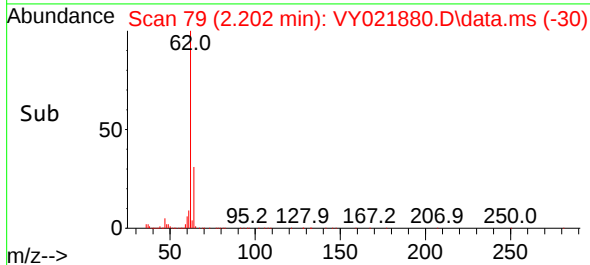
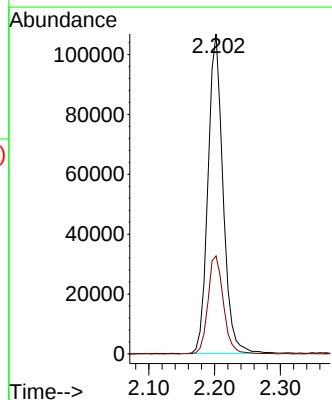
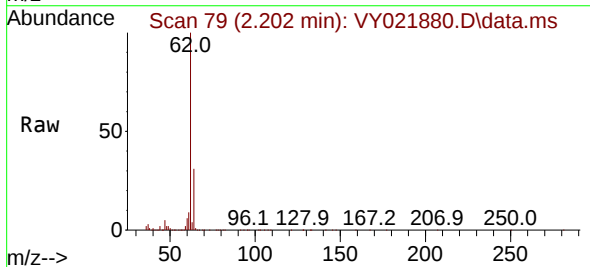
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

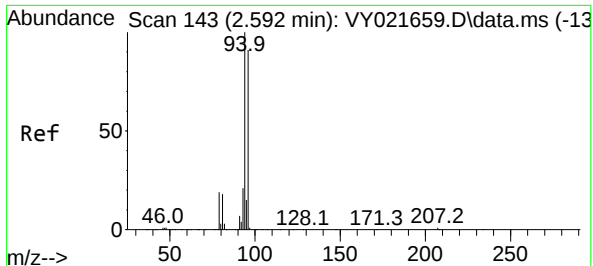
Tgt Ion: 50 Resp: 149963
Ion Ratio Lower Upper
50 100
52 31.5 26.3 39.5



#4
Vinyl Chloride
Concen: 43.946 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 62 Resp: 170060
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3

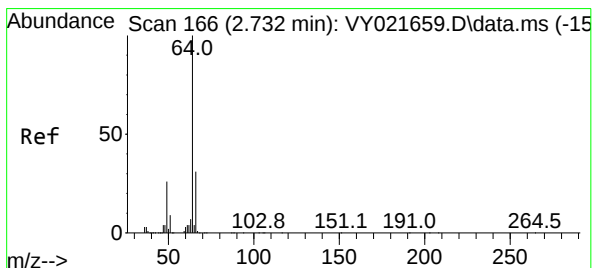
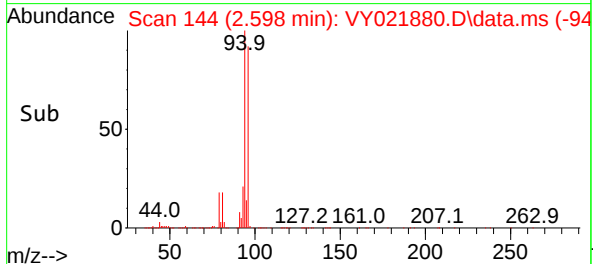
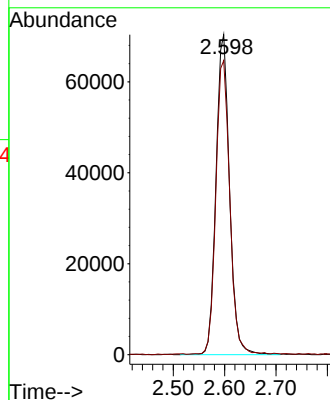
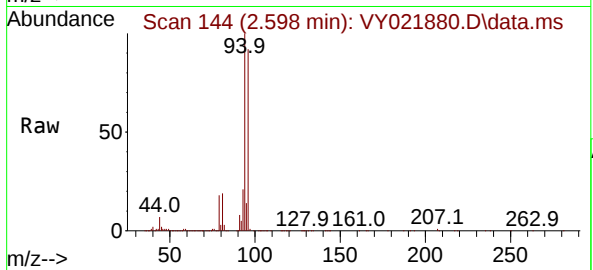




#5
Bromomethane
Concen: 48.813 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

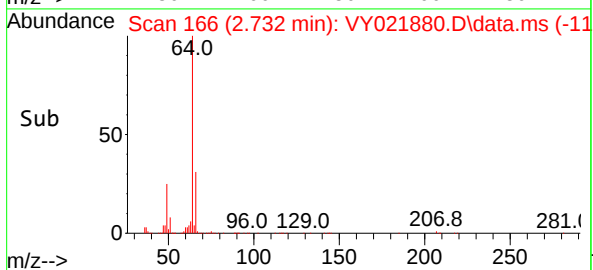
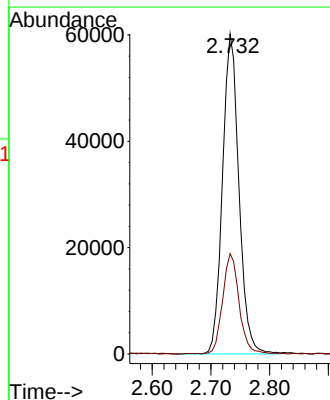
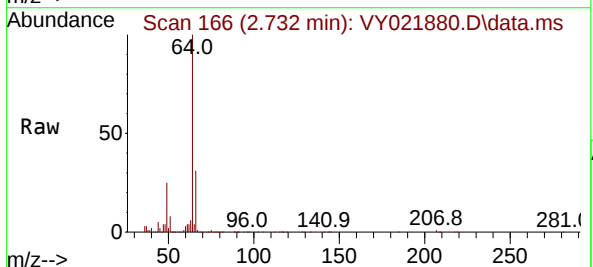
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 128834
Ion Ratio Lower Upper
94 100
96 91.7 72.8 109.2



#6
Chloroethane
Concen: 46.180 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 64 Resp: 116936
Ion Ratio Lower Upper
64 100
66 31.3 24.9 37.3

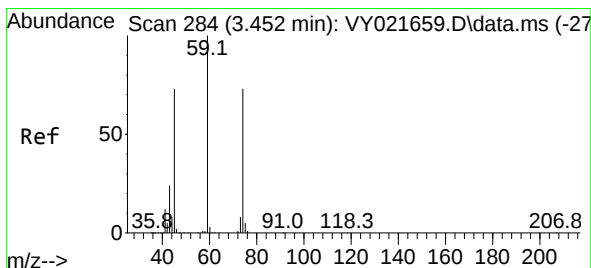
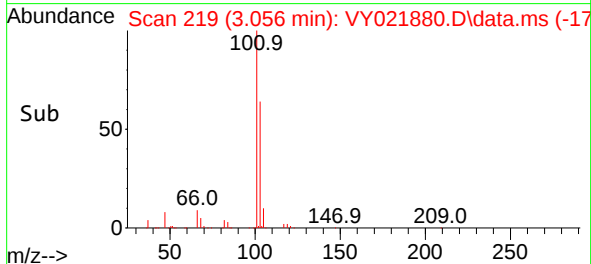
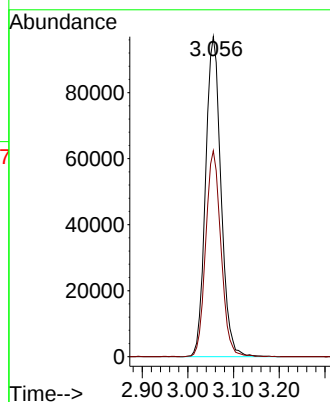
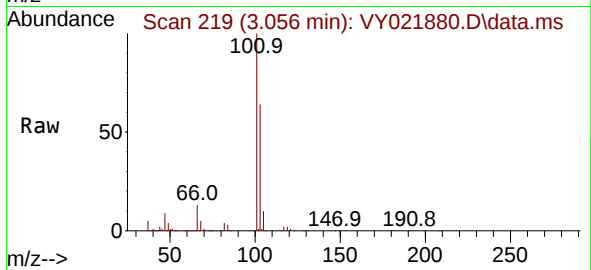




#7
 Trichlorofluoromethane
 Concen: 45.858 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

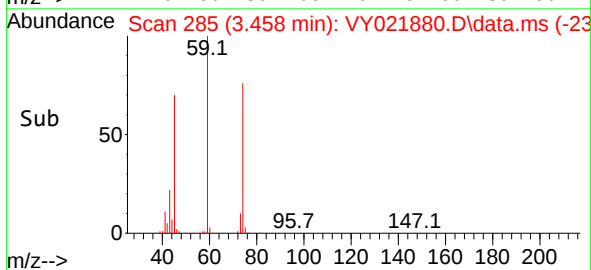
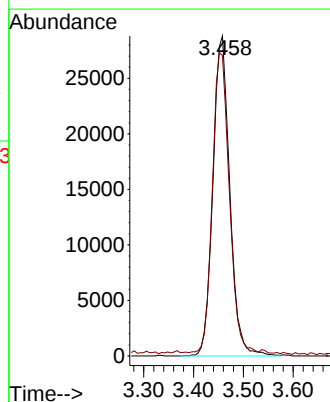
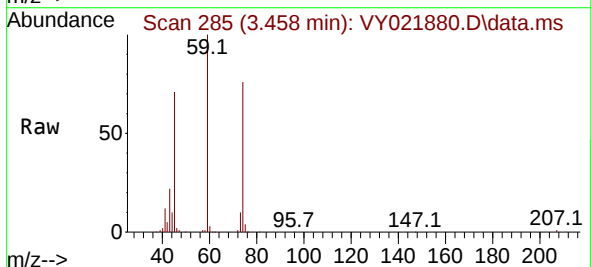
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

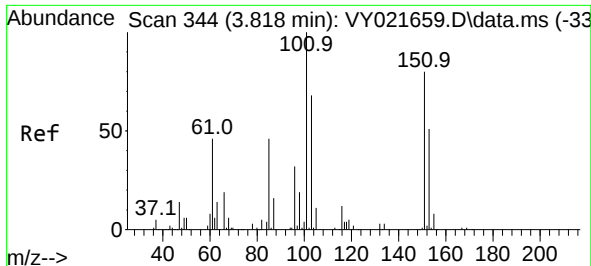
Tgt Ion:101 Resp: 227325
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 50.230 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

Tgt Ion: 74 Resp: 67715
 Ion Ratio Lower Upper
 74 100
 45 93.7 48.6 145.8

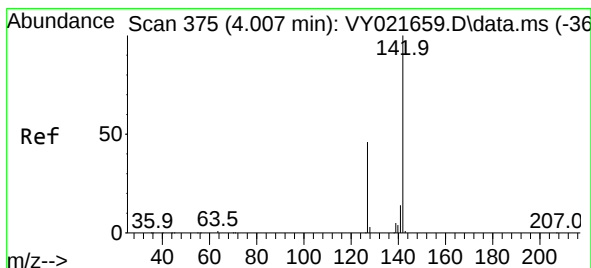
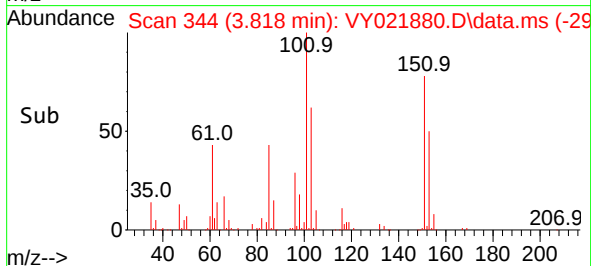
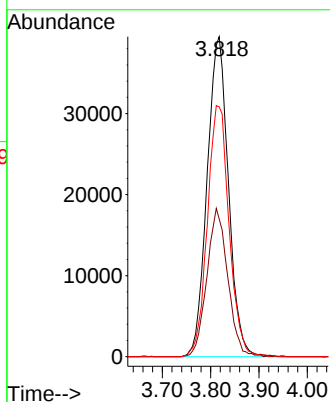
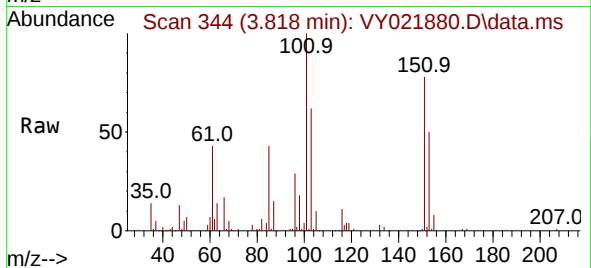




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.267 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

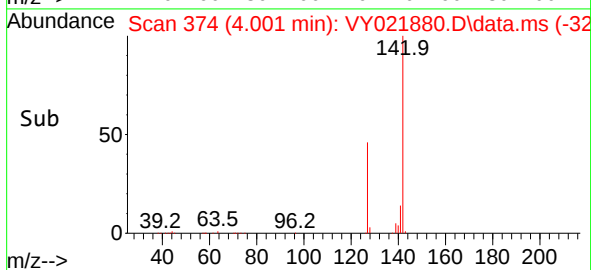
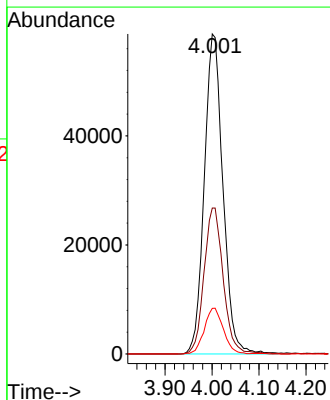
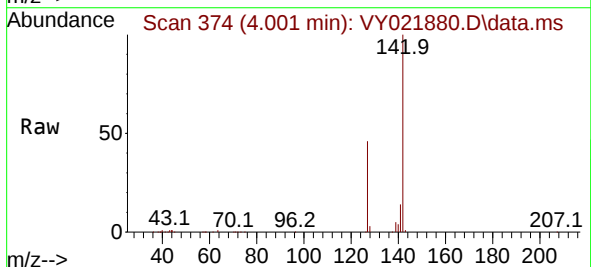
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

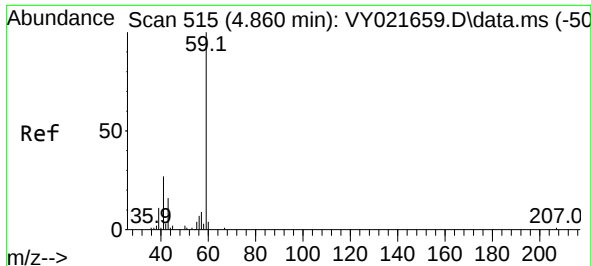
Tgt Ion:101 Resp: 120967
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 79.8 61.3 91.9



#10
Methyl Iodide
Concen: 56.327 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion:142 Resp: 161561
Ion Ratio Lower Upper
142 100
127 47.0 38.7 58.1
141 14.6 11.5 17.3

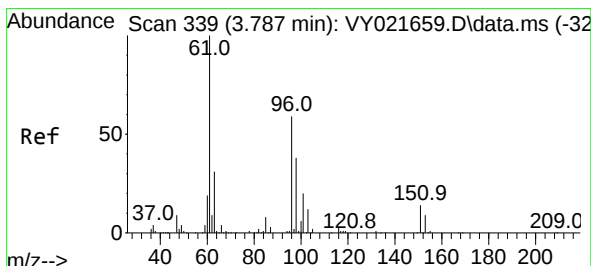
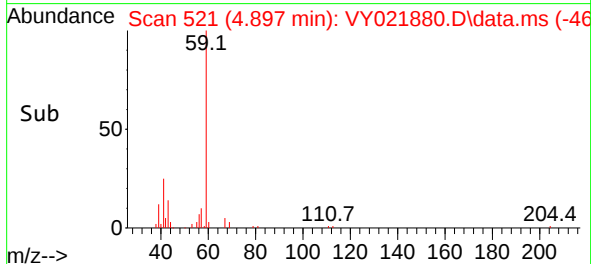
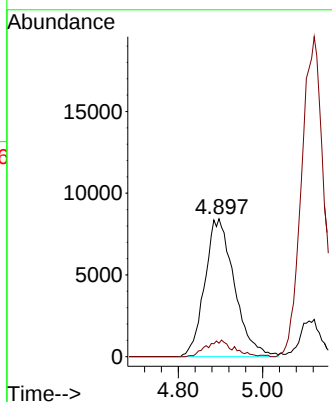
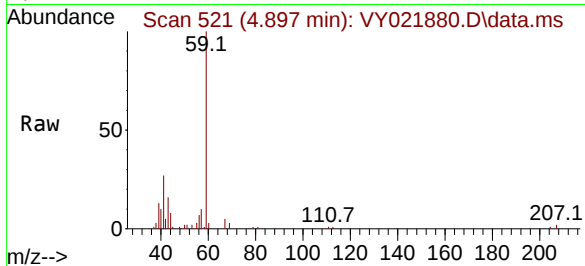




#11
Tert butyl alcohol
Concen: 248.610 ug/l
RT: 4.897 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

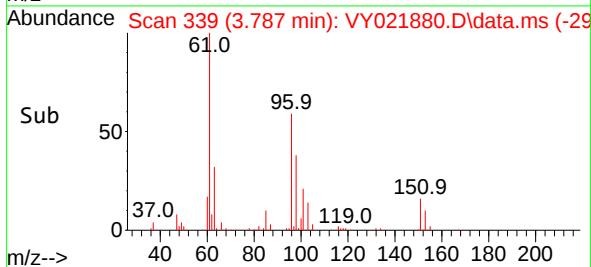
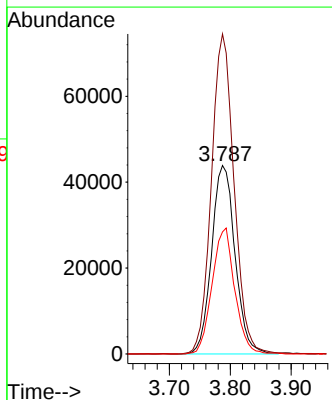
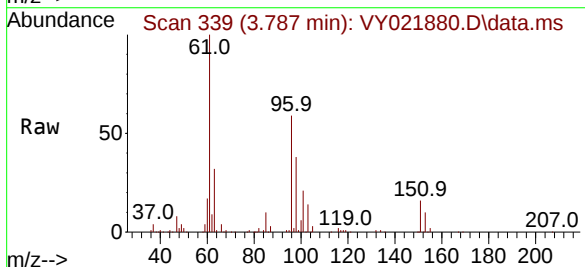
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

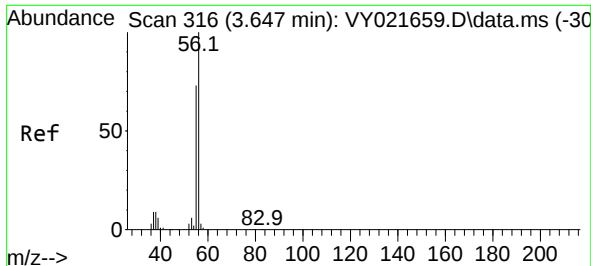
Tgt Ion: 59 Resp: 41077
Ion Ratio Lower Upper
59 100
57 8.8 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 47.654 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 96 Resp: 117356
Ion Ratio Lower Upper
96 100
61 169.7 136.6 204.8
98 64.8 52.3 78.5

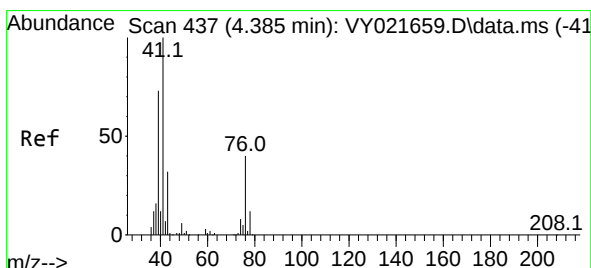
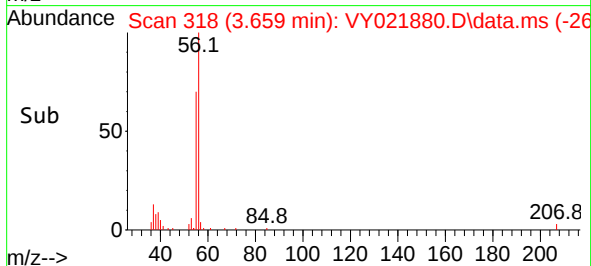
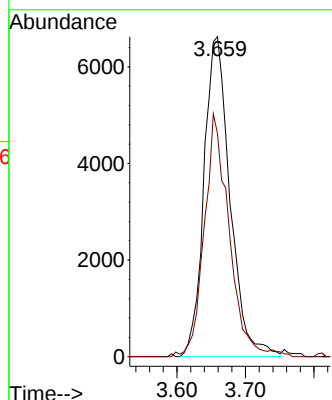
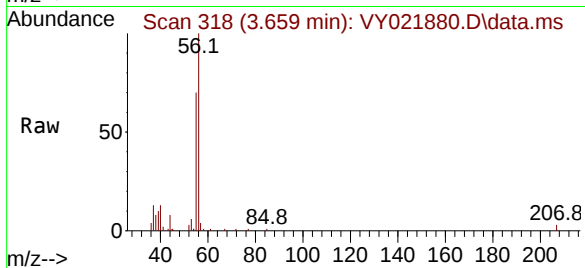




#13
Acrolein
Concen: 58.059 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

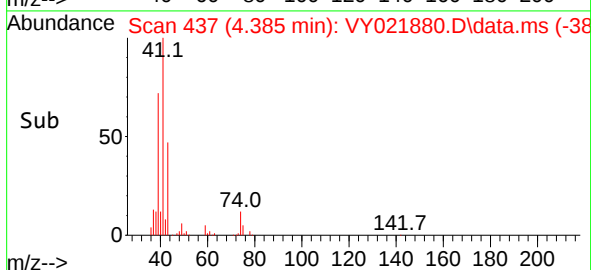
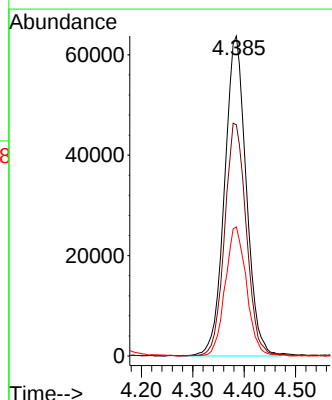
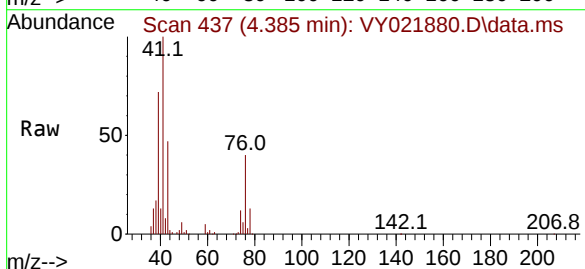
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

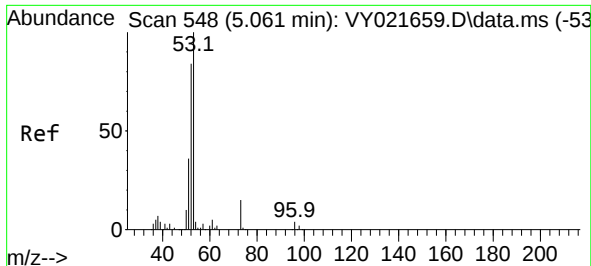
Tgt Ion: 56 Resp: 17516
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0



#14
Allyl chloride
Concen: 47.622 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 41 Resp: 186987
Ion Ratio Lower Upper
41 100
39 72.5 58.6 88.0
76 39.7 30.3 45.5

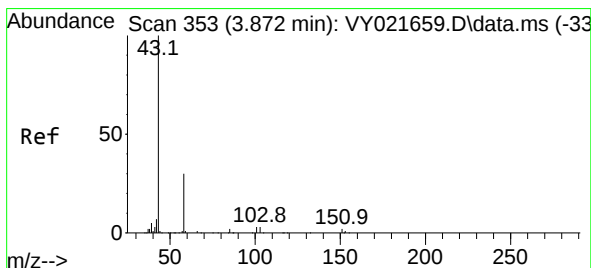
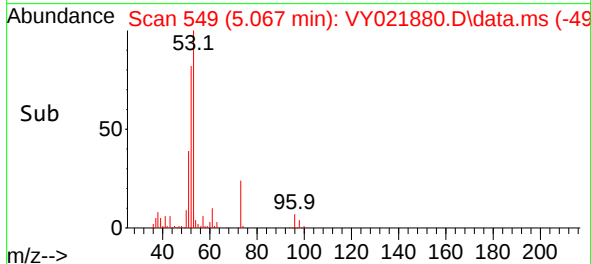
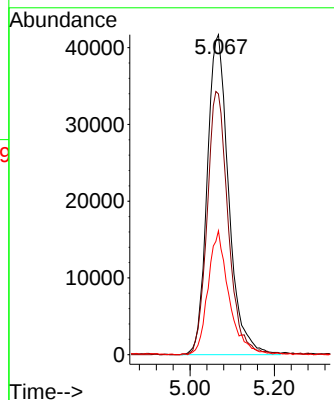
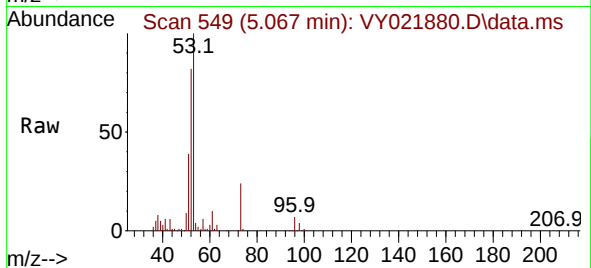




#15
Acrylonitrile
Concen: 261.923 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

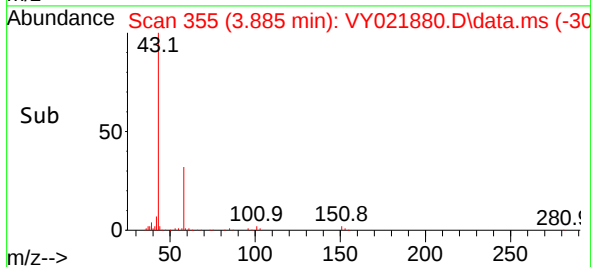
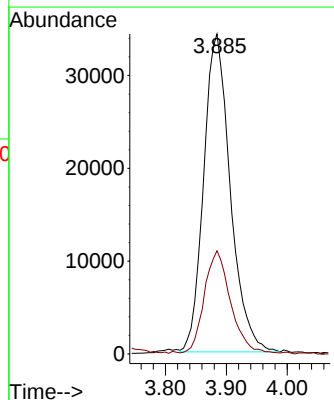
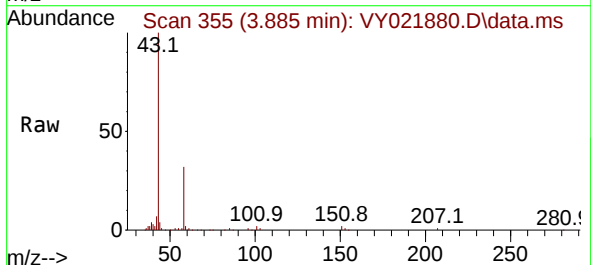
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

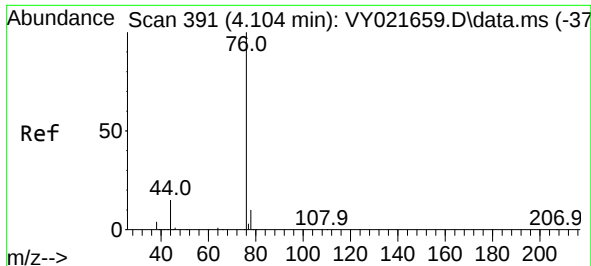
Tgt Ion: 53 Resp: 147430
Ion Ratio Lower Upper
53 100
52 80.6 64.9 97.3
51 37.8 30.2 45.2



#16
Acetone
Concen: 199.849 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 43 Resp: 104045
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.4

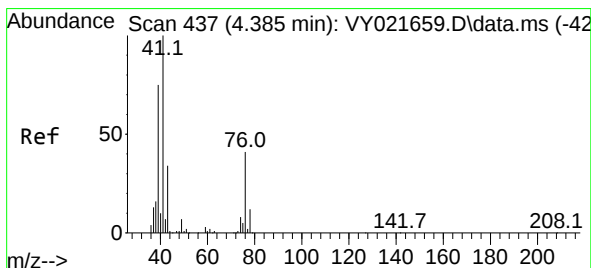
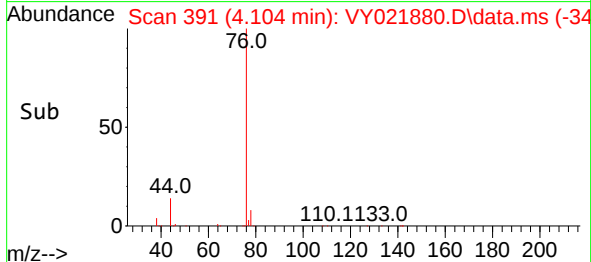
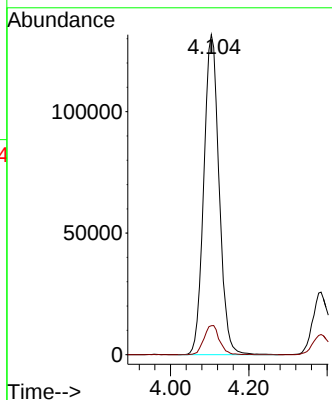
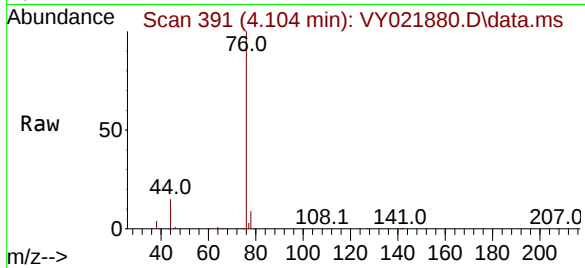




#17
Carbon Disulfide
Concen: 43.911 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

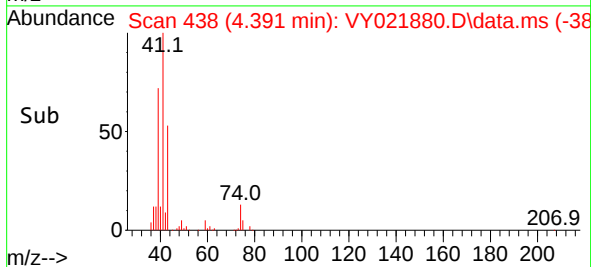
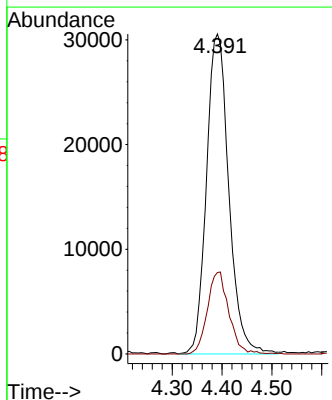
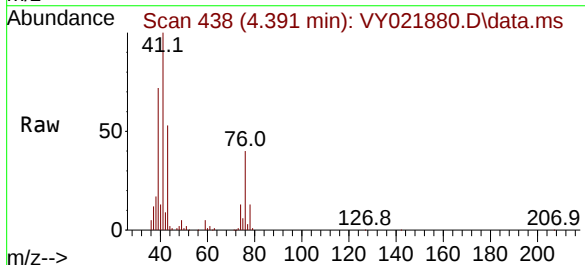
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 356175
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 73.731 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 43 Resp: 95135
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7

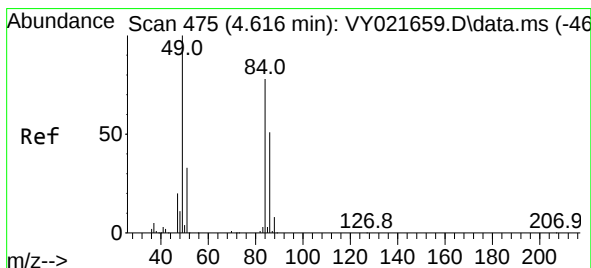
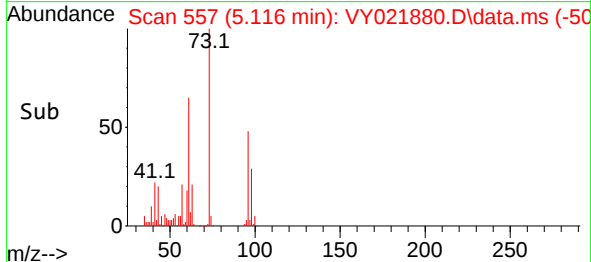
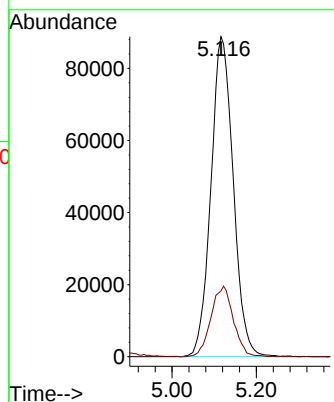
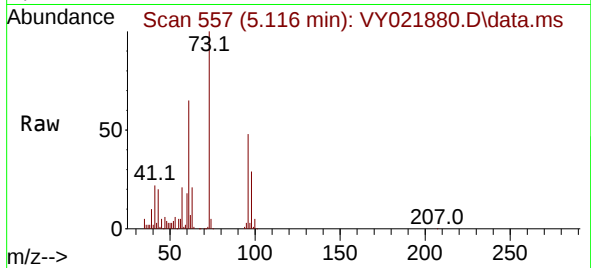




#19
Methyl tert-butyl Ether
Concen: 53.176 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

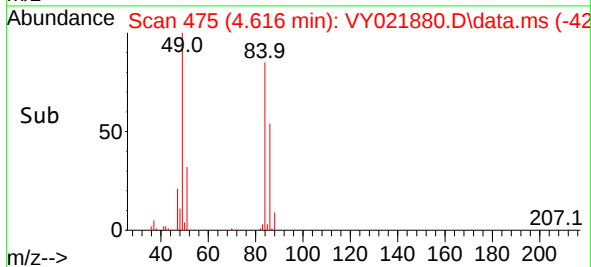
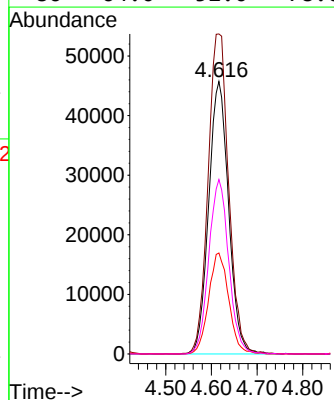
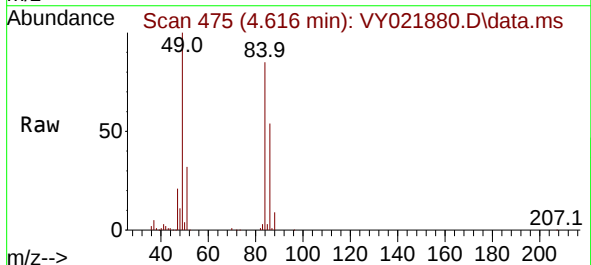
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 326029
Ion Ratio Lower Upper
73 100
57 20.6 18.1 27.1



#20
Methylene Chloride
Concen: 54.733 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 84 Resp: 138502
Ion Ratio Lower Upper
84 100
49 117.4 102.8 154.2
51 37.1 33.5 50.3
86 64.0 52.0 78.0

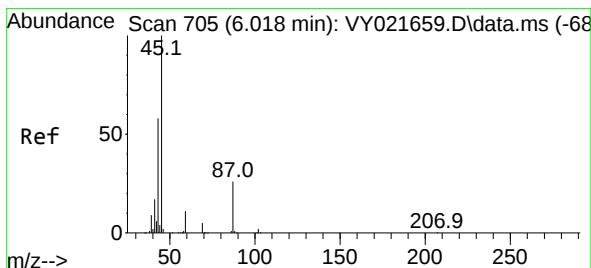
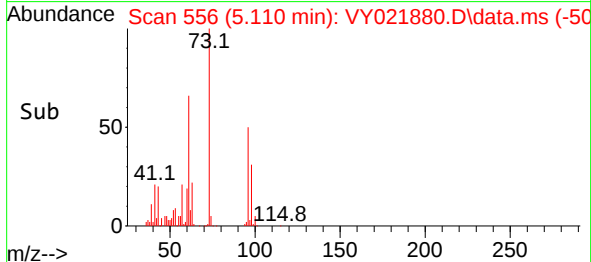
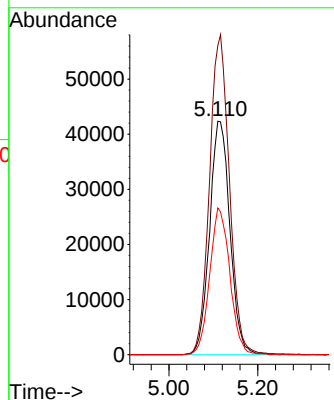
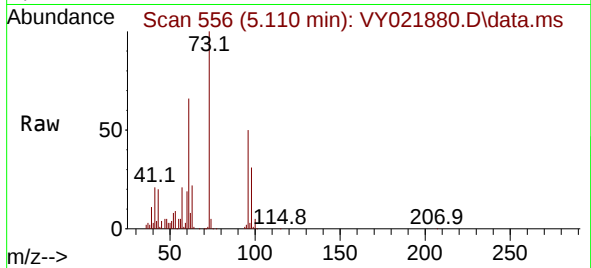




#21
trans-1,2-Dichloroethene
Concen: 49.657 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

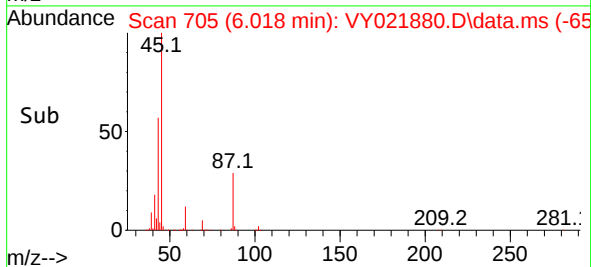
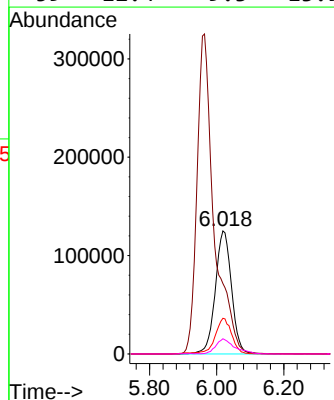
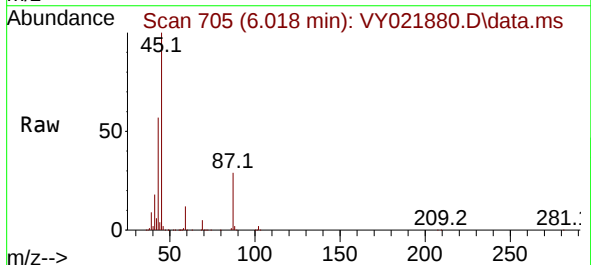
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

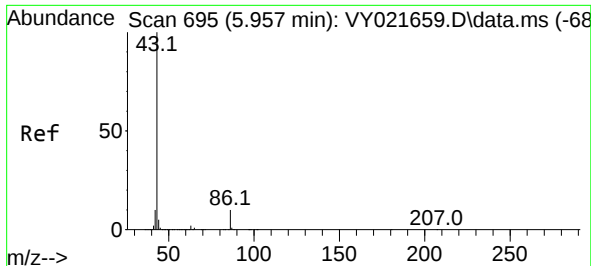
Tgt Ion: 96 Resp: 134642
Ion Ratio Lower Upper
96 100
61 132.4 109.4 164.0
98 62.8 50.2 75.2



#22
Diisopropyl ether
Concen: 50.895 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 45 Resp: 419207
Ion Ratio Lower Upper
45 100
43 57.1 46.6 69.8
87 29.1 20.7 31.1
59 12.4 9.3 13.9

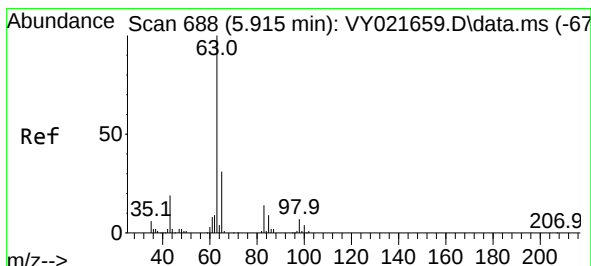
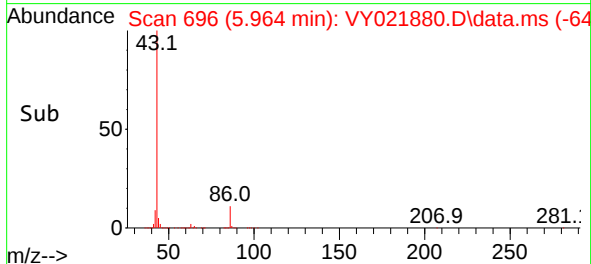
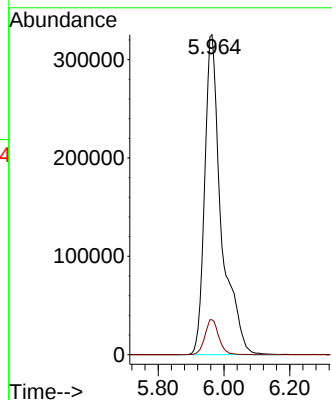
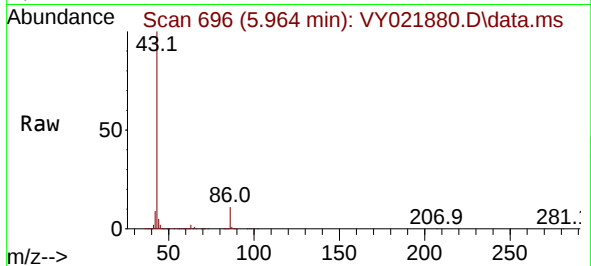




#23
 Vinyl Acetate
 Concen: 237.368 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

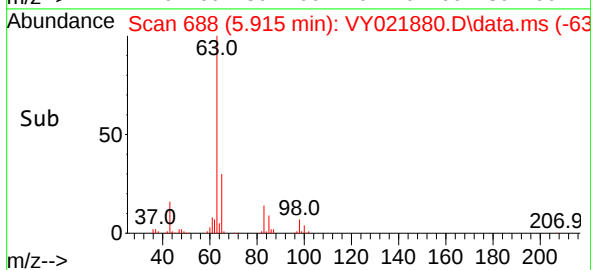
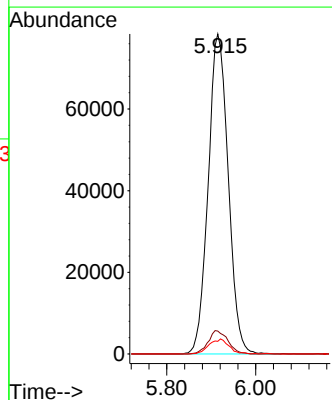
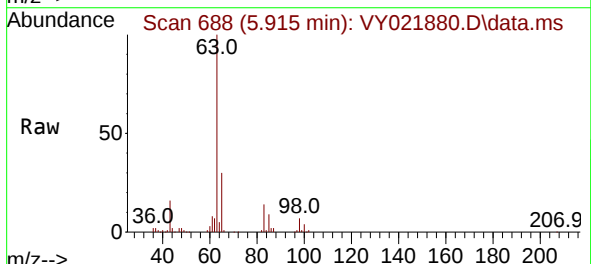
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

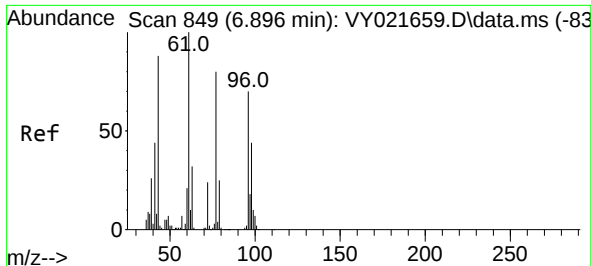
Tgt Ion: 43 Resp: 1143765
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.903 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

Tgt Ion: 63 Resp: 245778
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 245.786 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

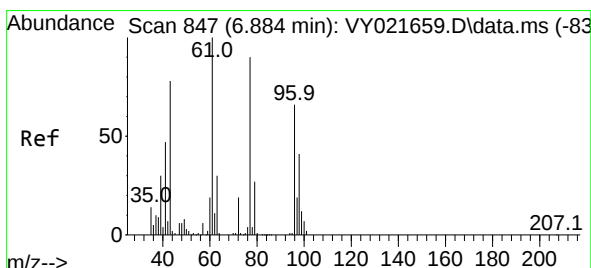
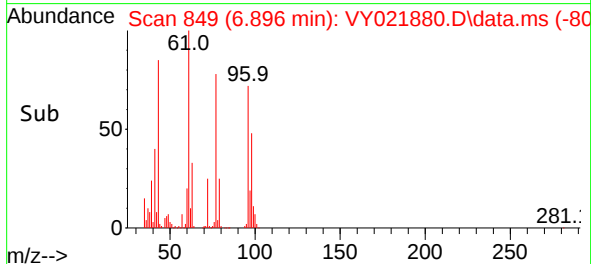
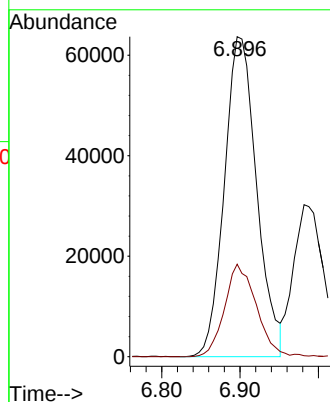
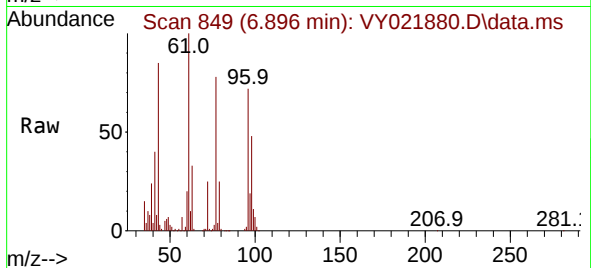
VSTDCCC050EC

Tgt Ion: 43 Resp: 182767

Ion Ratio Lower Upper

43 100

72 28.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.279 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021880.D

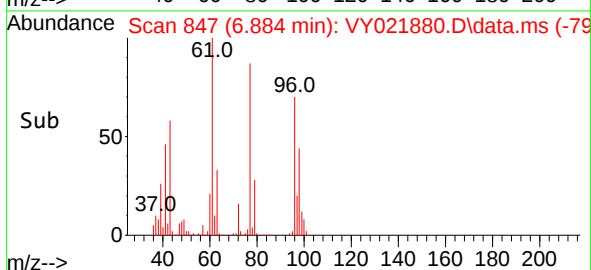
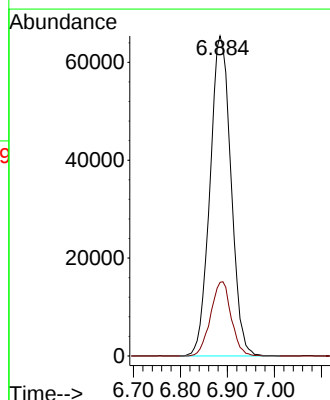
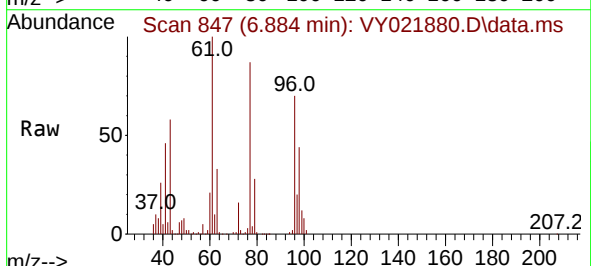
Acq: 14 Apr 2025 19:20

Tgt Ion: 77 Resp: 202752

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.961 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

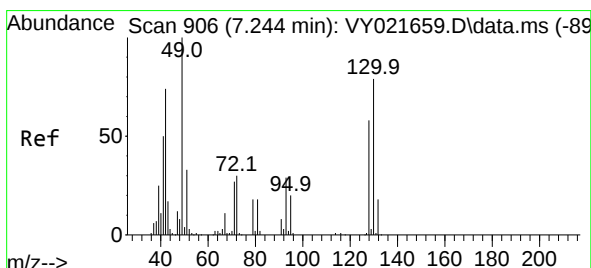
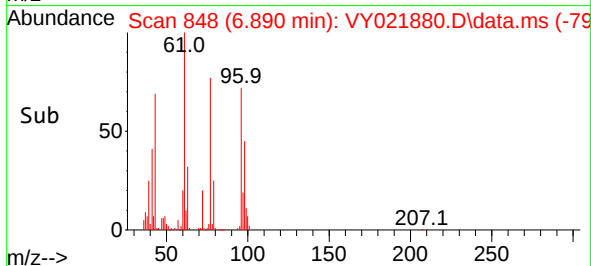
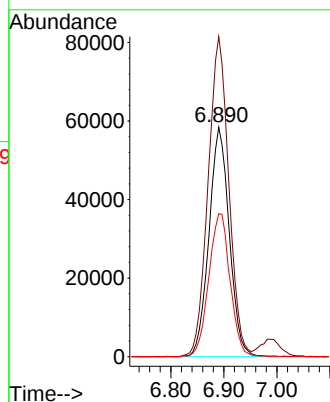
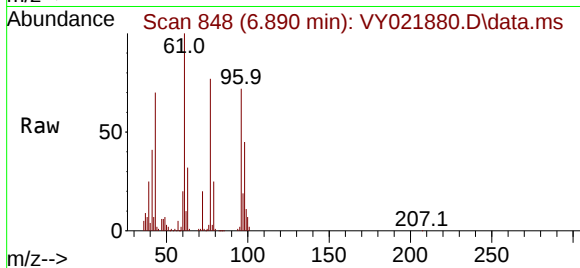
Tgt Ion: 96 Resp: 155392

Ion Ratio Lower Upper

96 100

61 142.1 0.0 296.4

98 65.2 0.0 128.0



#28

Bromochloromethane

Concen: 50.983 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

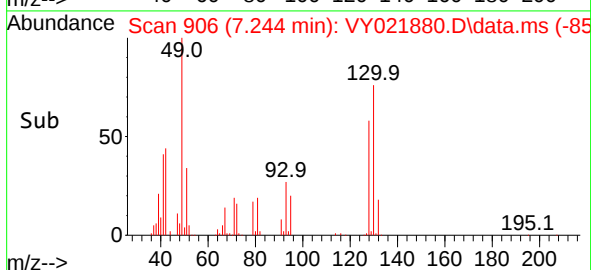
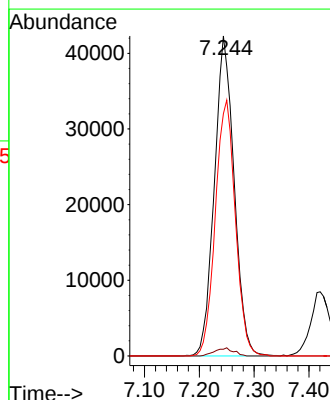
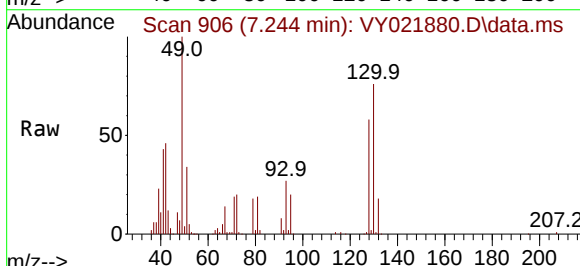
Tgt Ion: 49 Resp: 105897

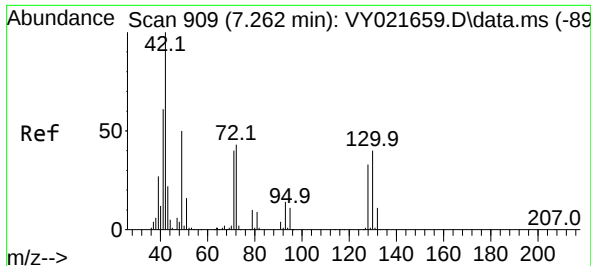
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 81.0 60.1 90.1





#29

Tetrahydrofuran

Concen: 258.254 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

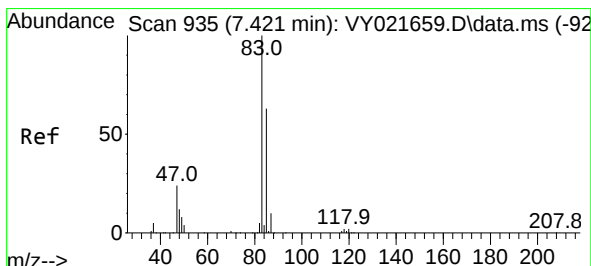
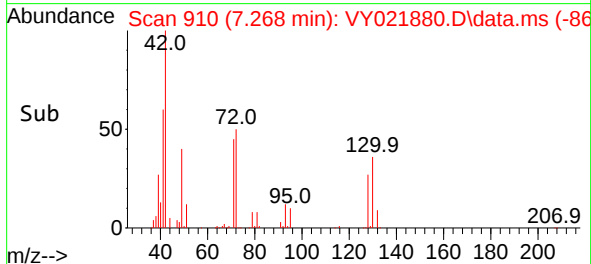
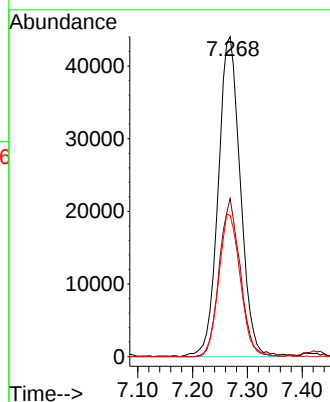
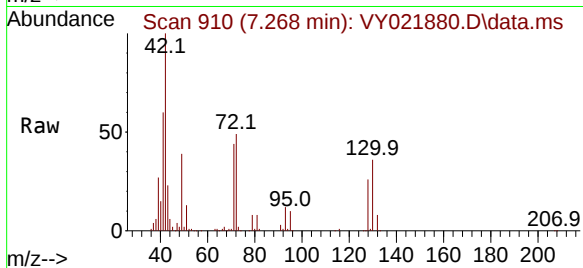
Tgt Ion: 42 Resp: 123594

Ion Ratio Lower Upper

42 100

72 46.6 34.6 52.0

71 43.4 32.5 48.7



#30

Chloroform

Concen: 50.653 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021880.D

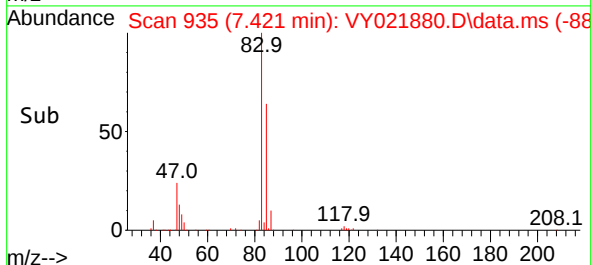
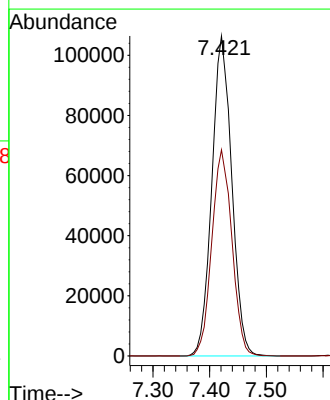
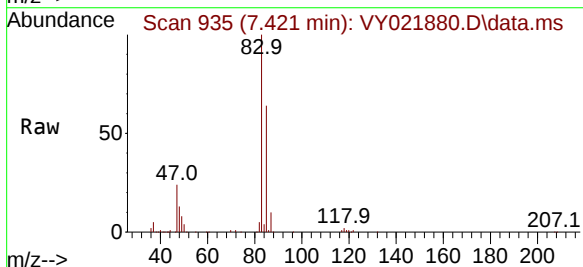
Acq: 14 Apr 2025 19:20

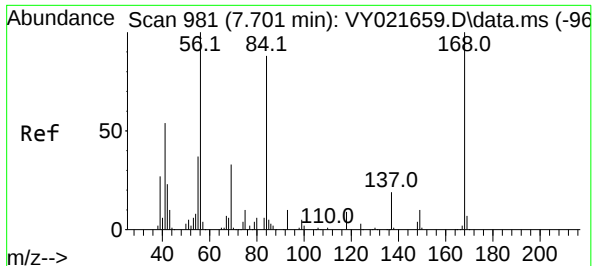
Tgt Ion: 83 Resp: 259480

Ion Ratio Lower Upper

83 100

85 64.4 50.6 75.8

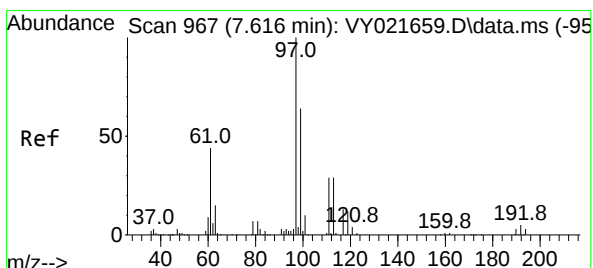
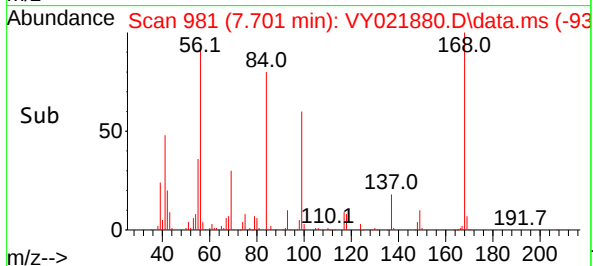
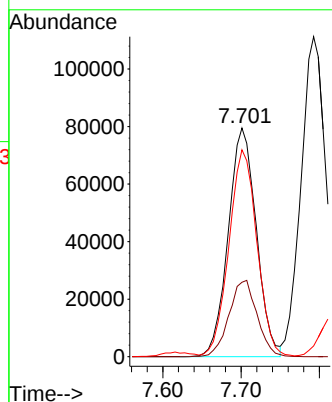
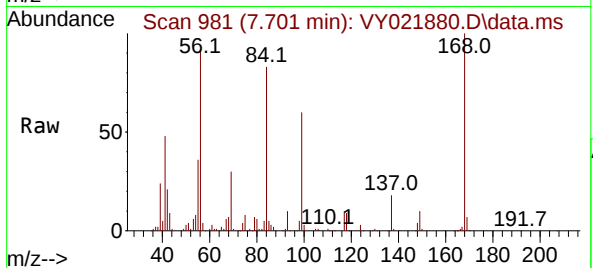




#31
Cyclohexane
Concen: 44.052 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

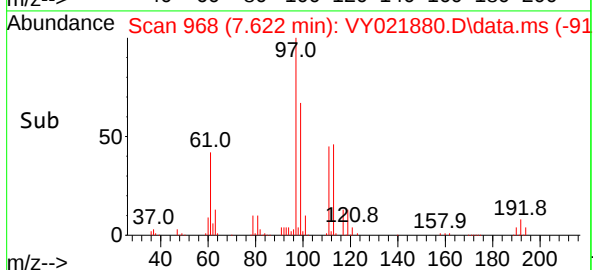
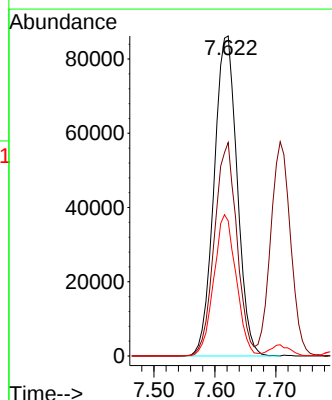
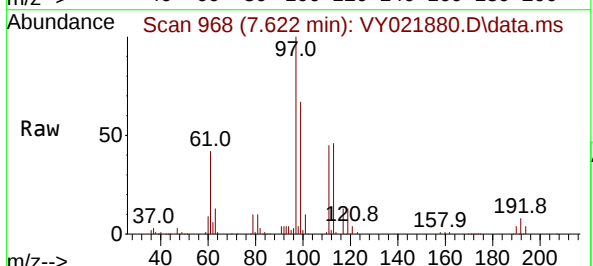
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

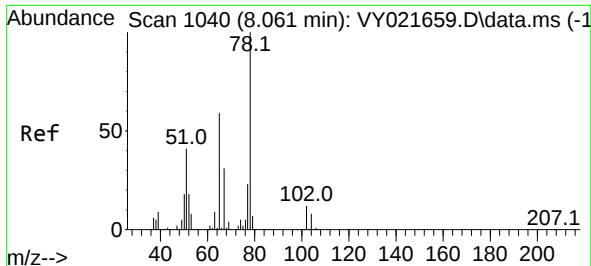
Tgt Ion: 56 Resp: 197780
Ion Ratio Lower Upper
56 100
69 32.6 26.6 40.0
84 88.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 48.963 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 97 Resp: 226694
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 42.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.938 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

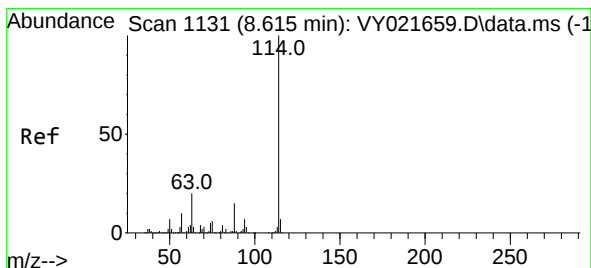
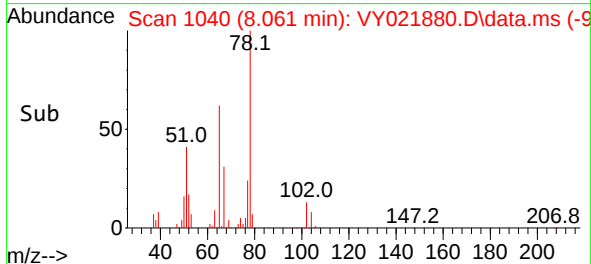
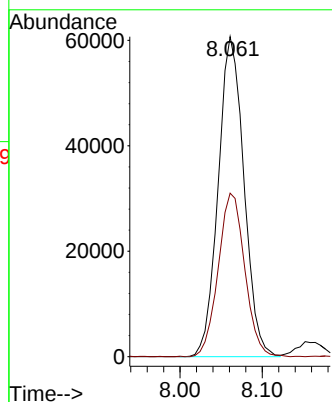
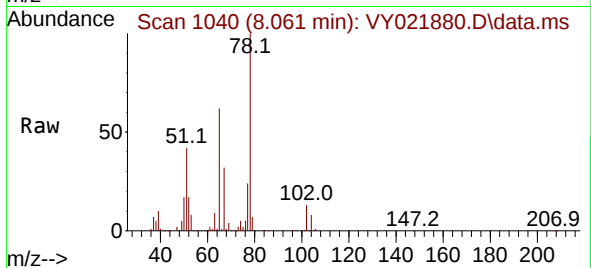
VSTDCCC050EC

Tgt Ion: 65 Resp: 132119

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

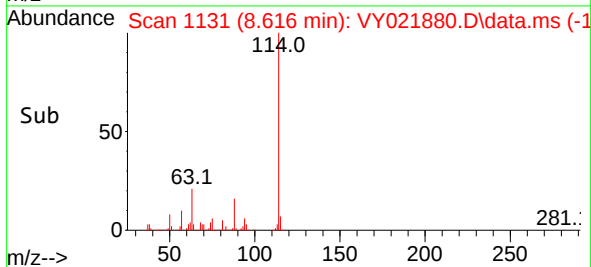
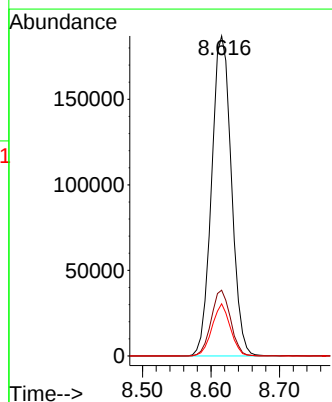
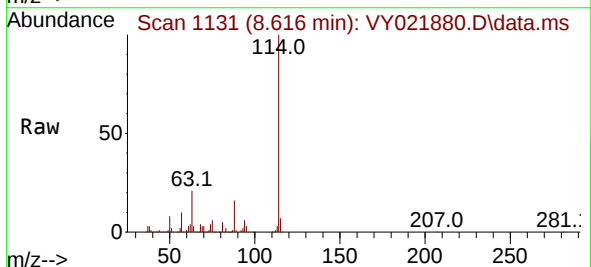
Tgt Ion: 114 Resp: 374150

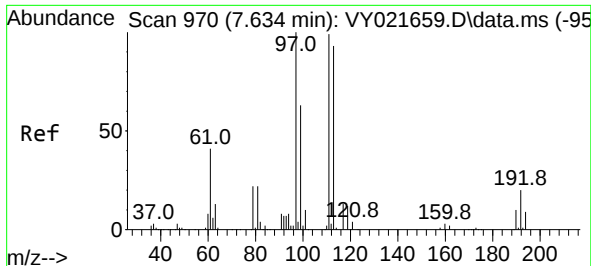
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 16.3 0.0 29.8

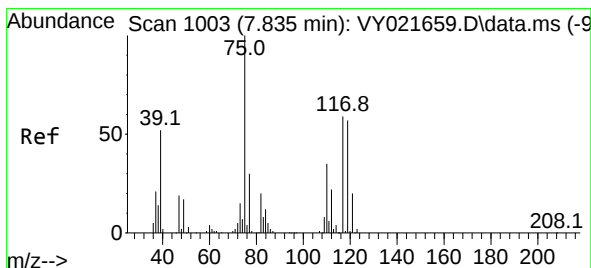
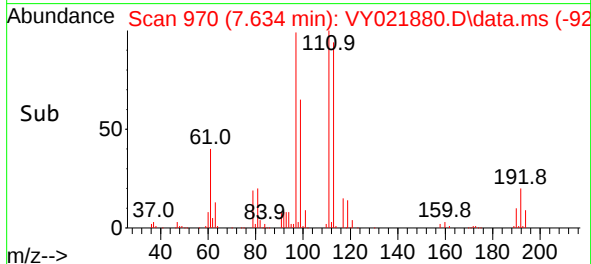
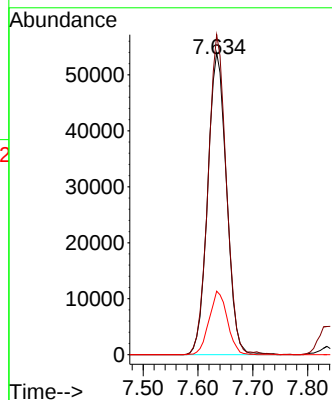
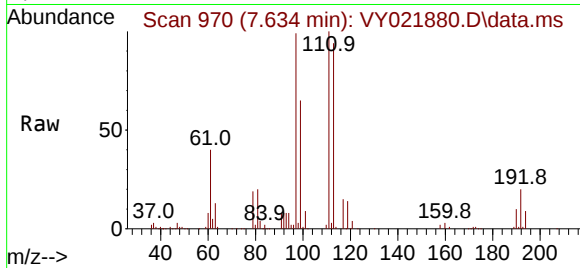




#35
 Dibromofluoromethane
 Concen: 52.976 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

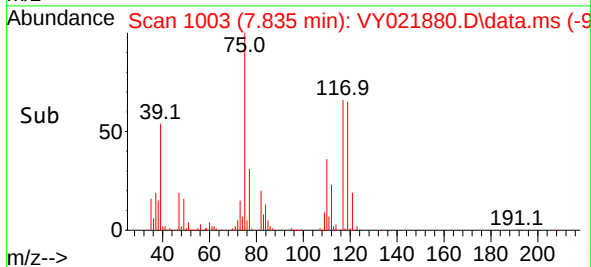
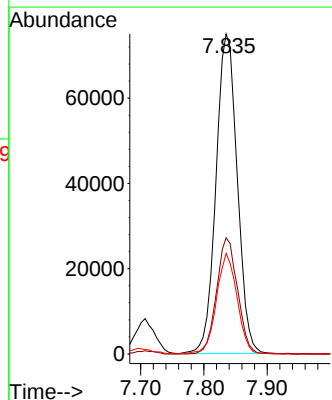
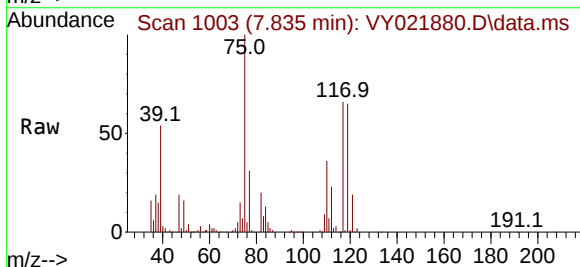
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

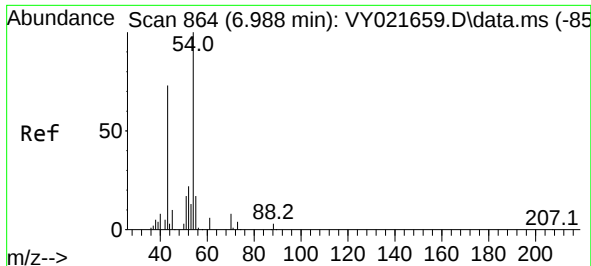
Tgt Ion:113 Resp: 128575
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 123.8
 192 20.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 47.277 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

Tgt Ion: 75 Resp: 174773
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.0 50.9
 77 30.6 24.8 37.2

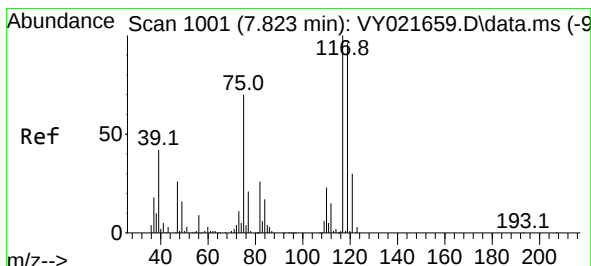
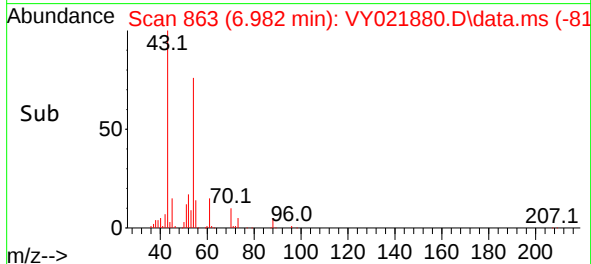
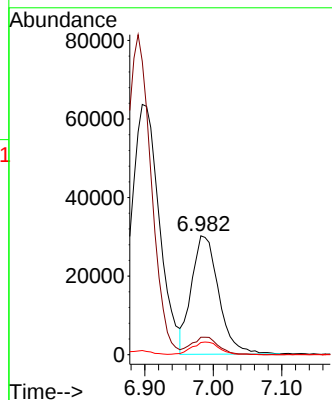
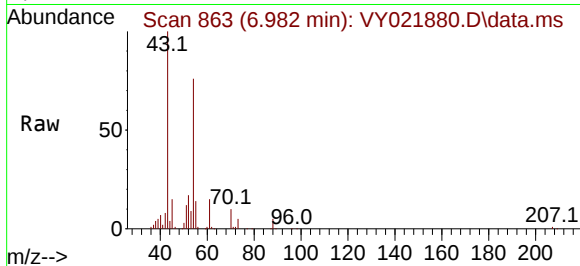




#37
Ethyl Acetate
Concen: 47.702 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

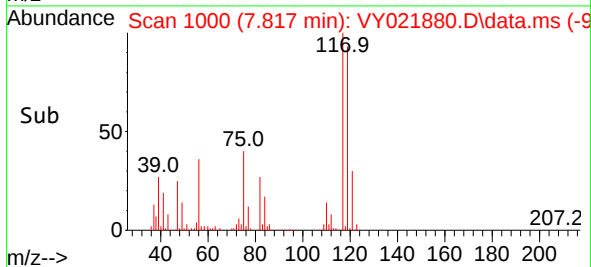
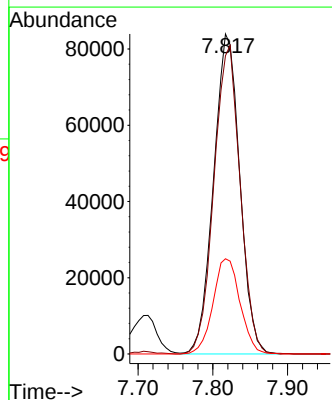
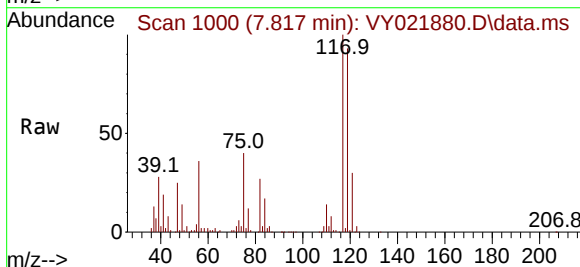
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

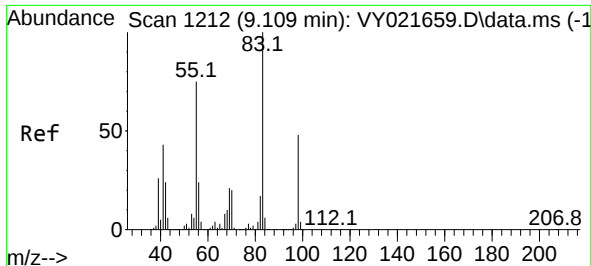
Tgt Ion: 43 Resp: 83224
Ion Ratio Lower Upper
43 100
61 15.0 11.0 16.6
70 10.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 48.415 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 117 Resp: 204992
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.4
121 29.8 24.2 36.4





#39

Methylcyclohexane

Concen: 47.706 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

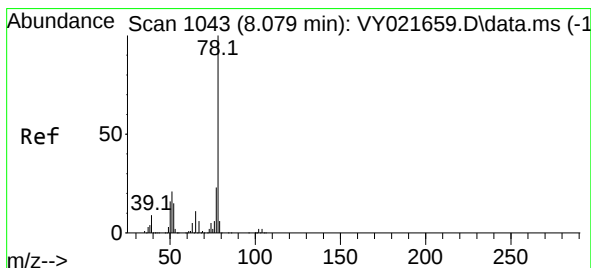
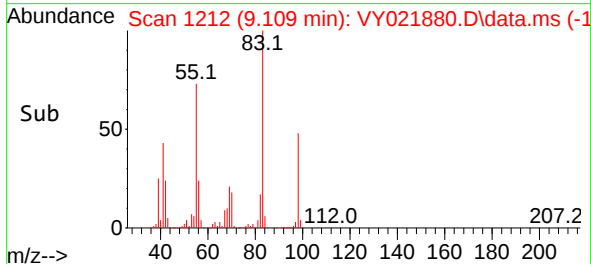
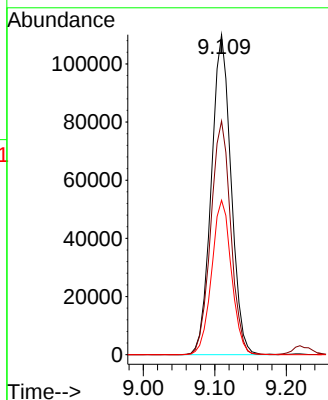
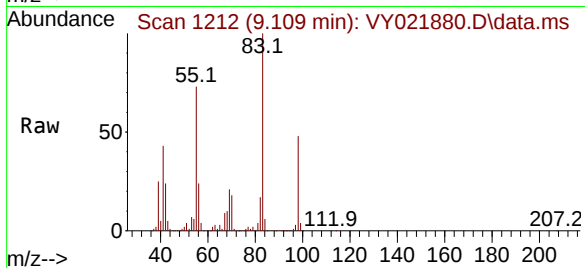
Tgt Ion: 83 Resp: 210678

Ion Ratio Lower Upper

83 100

55 73.0 59.7 89.5

98 48.2 38.3 57.5



#40

Benzene

Concen: 49.758 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021880.D

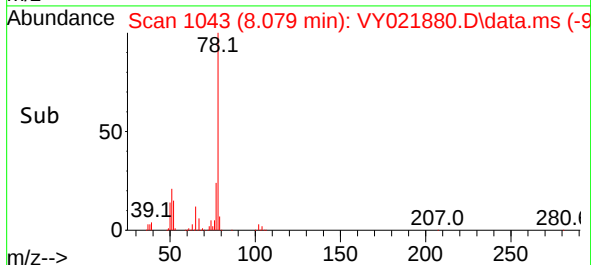
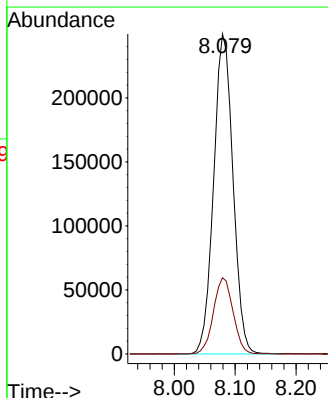
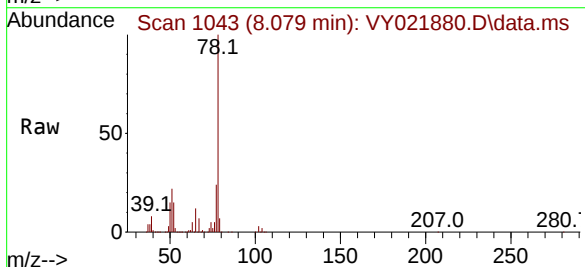
Acq: 14 Apr 2025 19:20

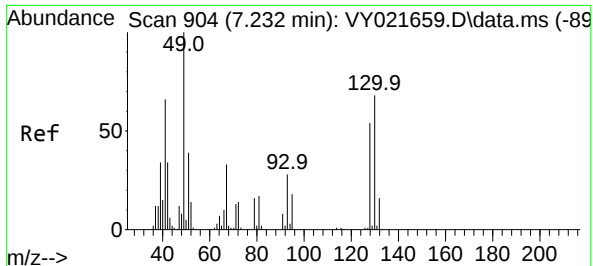
Tgt Ion: 78 Resp: 550867

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

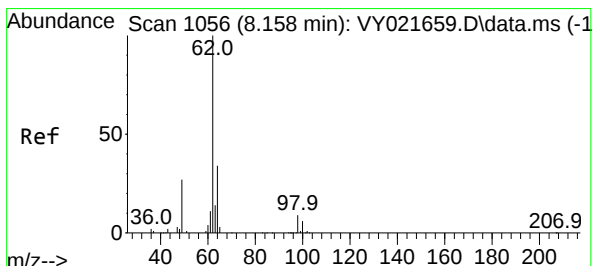
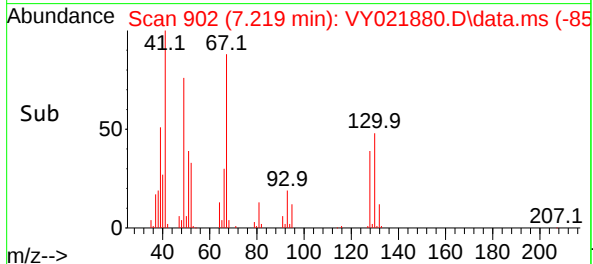
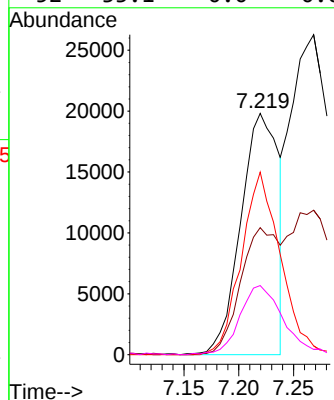
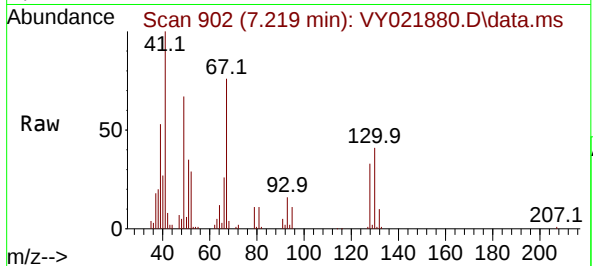




#41
Methacrylonitrile
Concen: 51.163 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

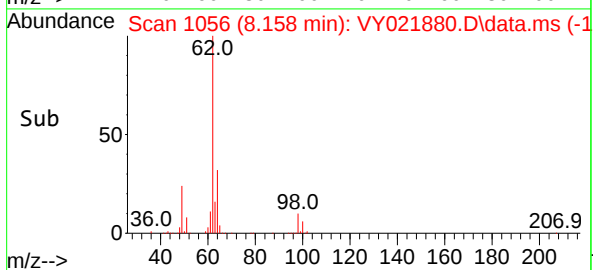
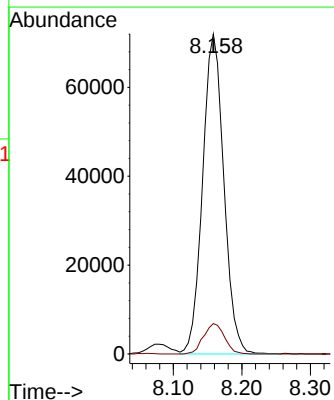
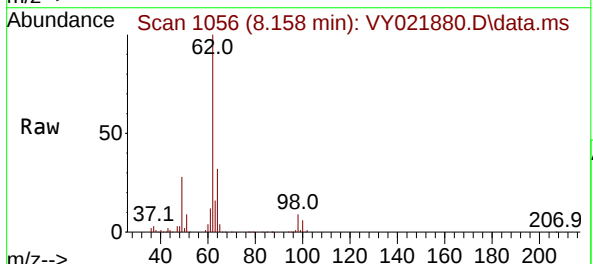
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

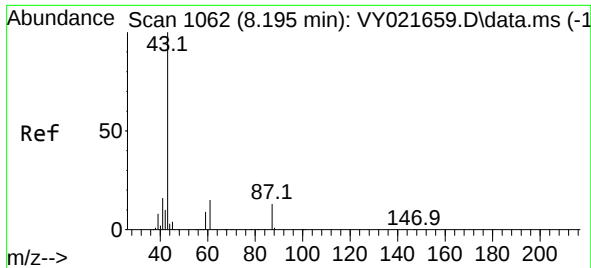
Tgt Ion: 41 Resp: 47405
Ion Ratio Lower Upper
41 100
39 53.6 0.0 0.0#
67 78.4 0.0 0.0#
52 33.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.773 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 62 Resp: 155344
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 50.953 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

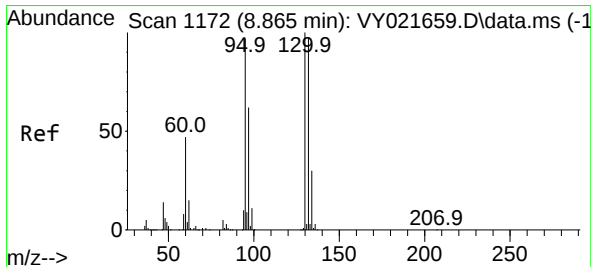
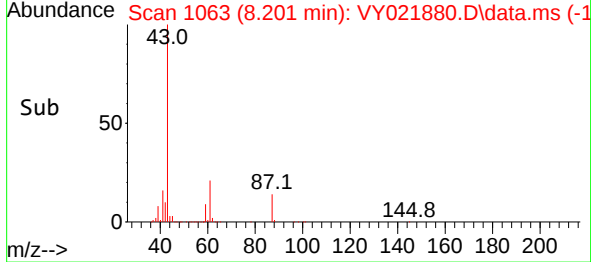
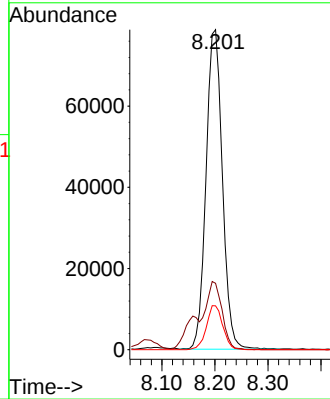
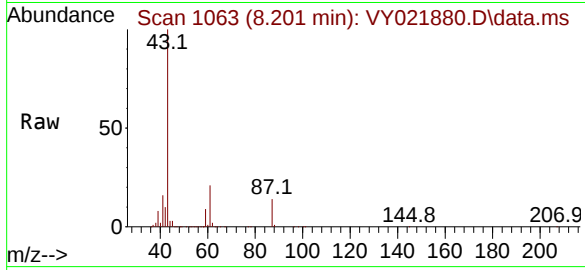
Tgt Ion: 43 Resp: 168463

Ion Ratio Lower Upper

43 100

61 21.4 15.9 23.9

87 13.8 10.4 15.6



#44

Trichloroethene

Concen: 51.546 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021880.D

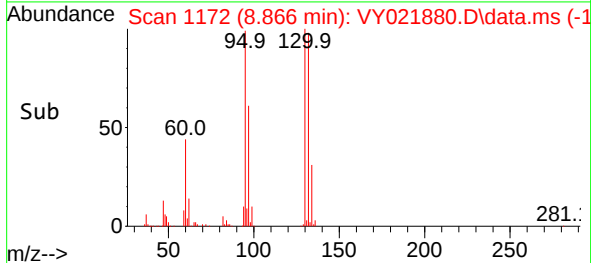
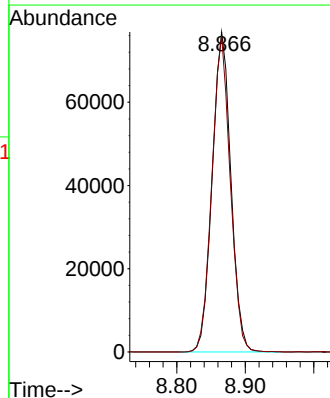
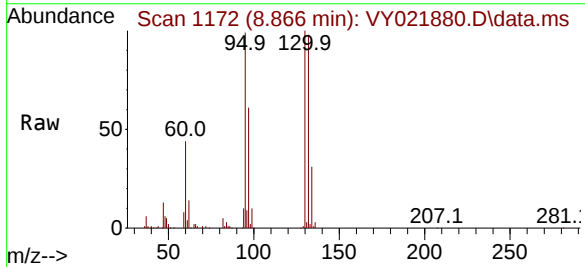
Acq: 14 Apr 2025 19:20

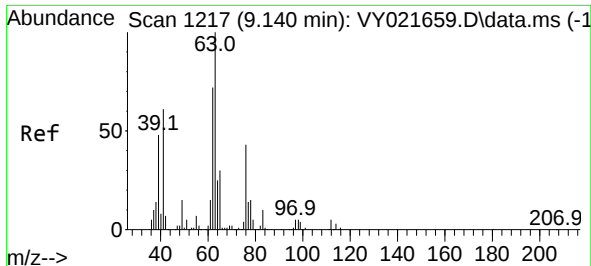
Tgt Ion:130 Resp: 145400

Ion Ratio Lower Upper

130 100

95 98.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.765 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

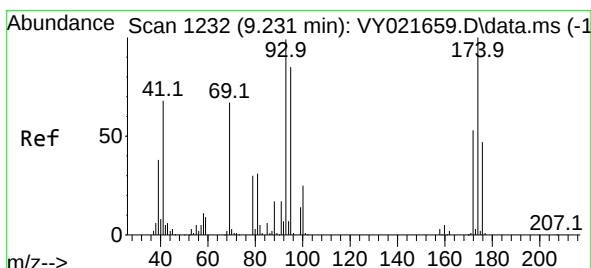
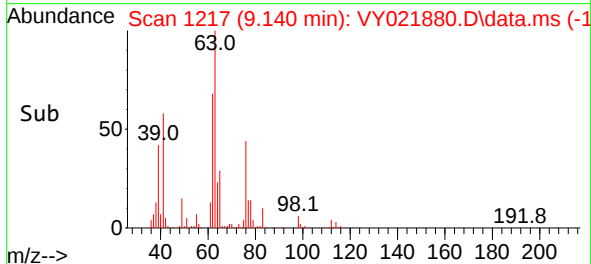
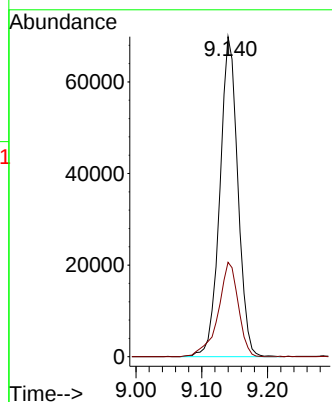
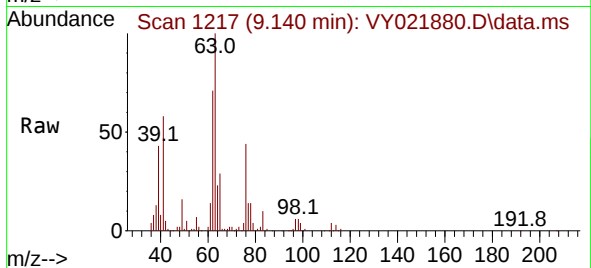
VSTDCCC050EC

Tgt Ion: 63 Resp: 133032

Ion Ratio Lower Upper

63 100

65 29.5 24.4 36.6



#46

Dibromomethane

Concen: 51.949 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

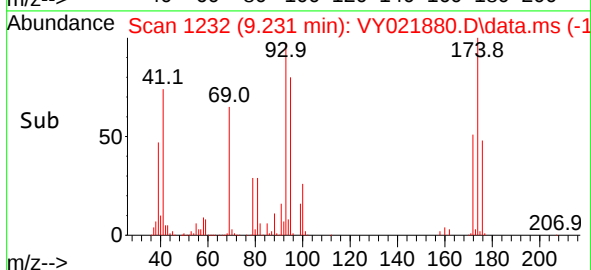
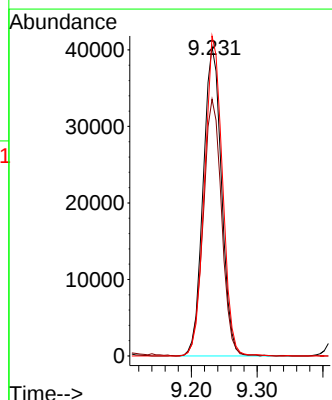
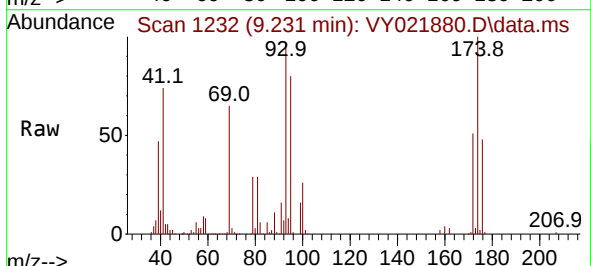
Tgt Ion: 93 Resp: 78457

Ion Ratio Lower Upper

93 100

95 82.9 68.1 102.1

174 101.0 80.9 121.3

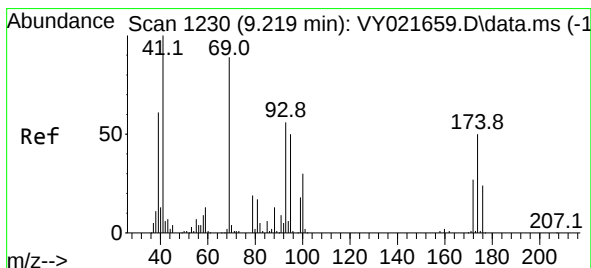
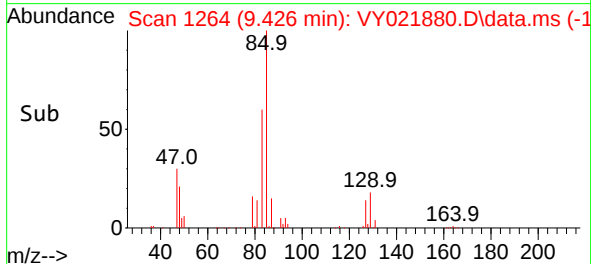
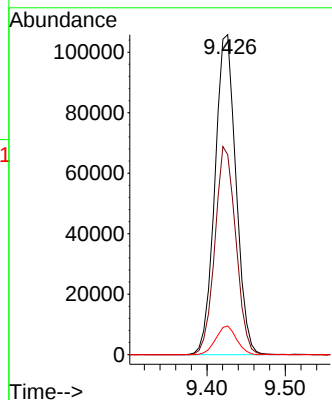
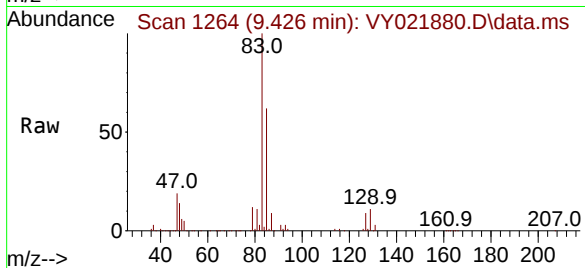




#47
Bromodichloromethane
Concen: 50.558 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

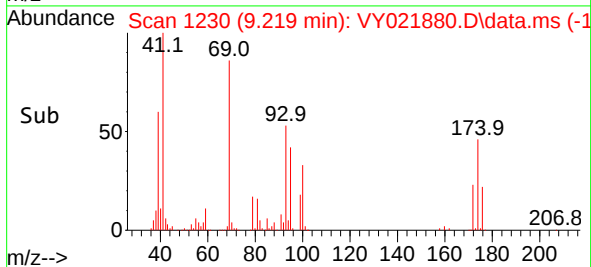
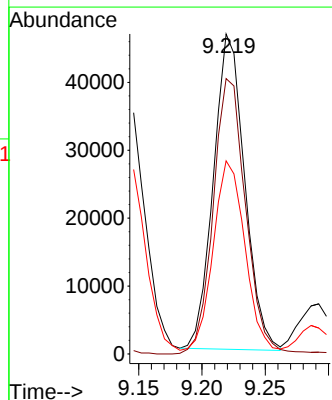
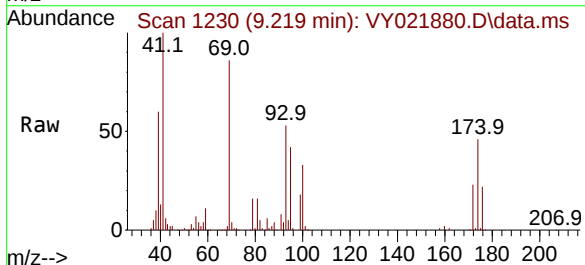
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

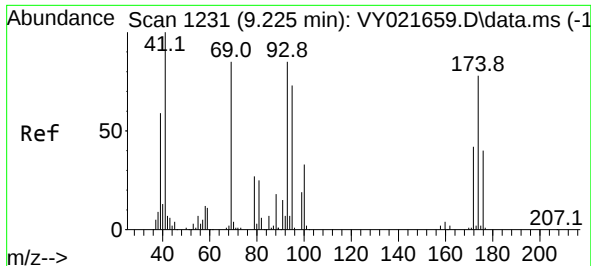
Tgt Ion: 83 Resp: 197855
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6
127 9.0 6.8 10.2



#48
Methyl methacrylate
Concen: 52.565 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 41 Resp: 79764
Ion Ratio Lower Upper
41 100
69 91.3 69.8 104.8
39 60.6 47.2 70.8

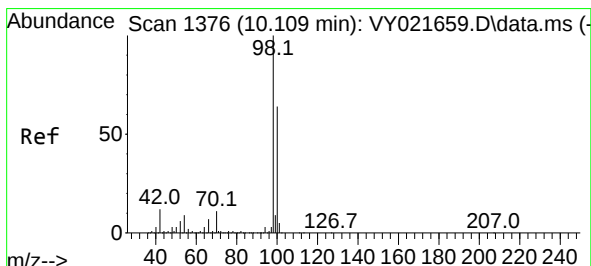
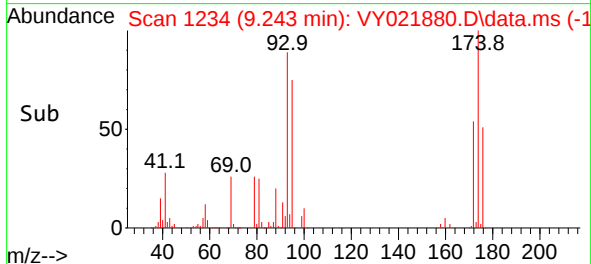
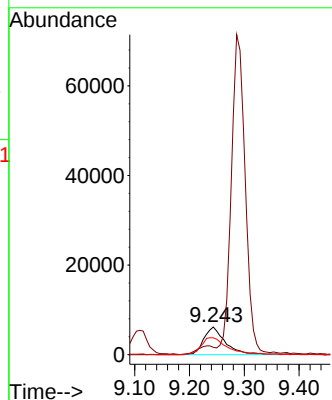
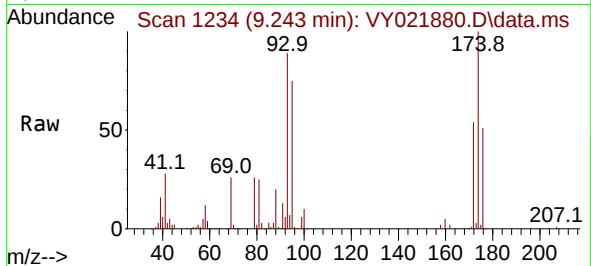




#49
1,4-Dioxane
Concen: 1046.229 ug/l
RT: 9.243 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

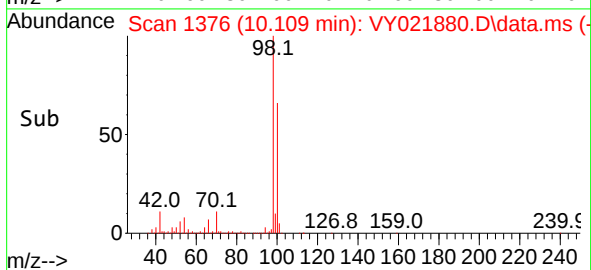
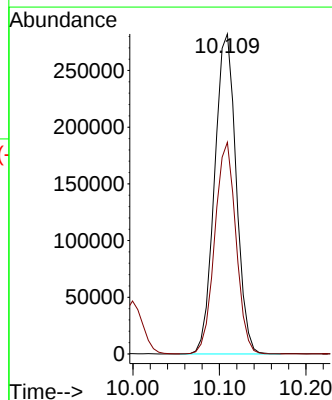
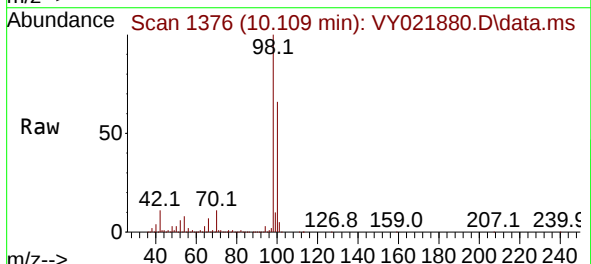
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

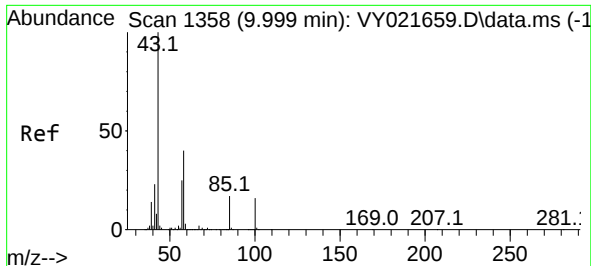
Tgt Ion: 88 Resp: 16927
Ion Ratio Lower Upper
88 100
43 26.2 28.8 43.2#
58 73.1 59.4 89.2



#50
Toluene-d8
Concen: 52.859 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 98 Resp: 488060
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 270.632 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

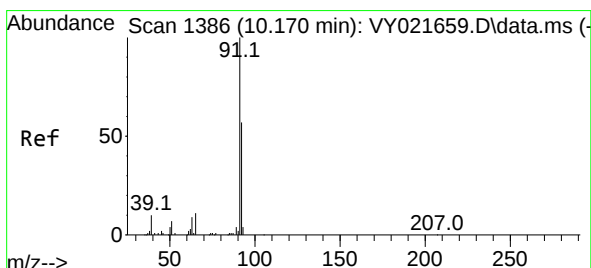
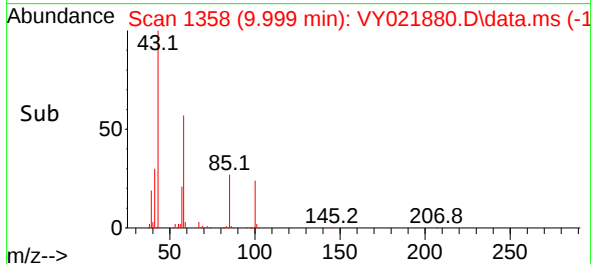
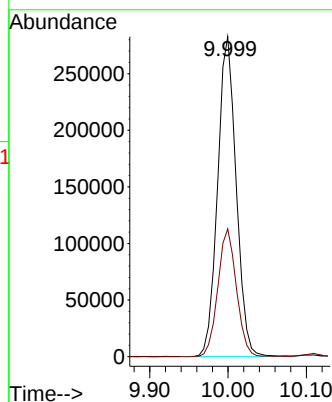
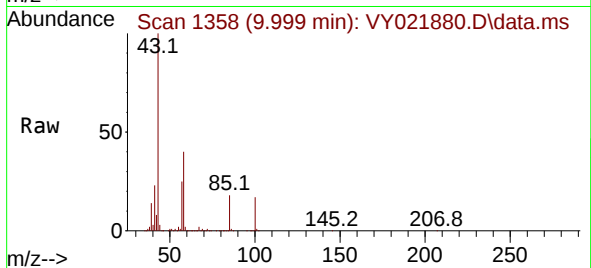
VSTDCCC050EC

Tgt Ion: 43 Resp: 465643

Ion Ratio Lower Upper

43 100

58 40.1 31.5 47.3



#52

Toluene

Concen: 50.892 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021880.D

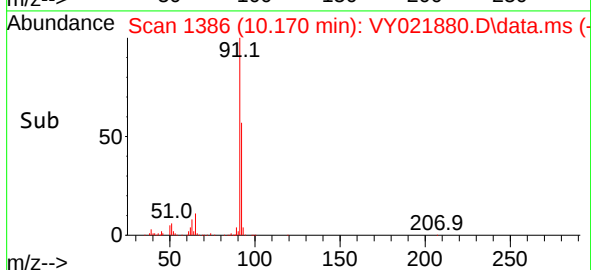
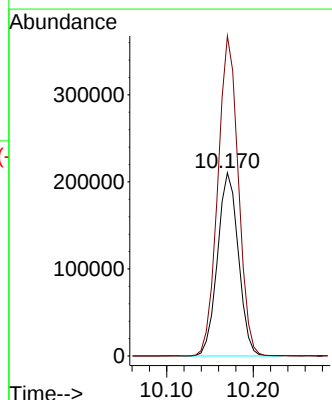
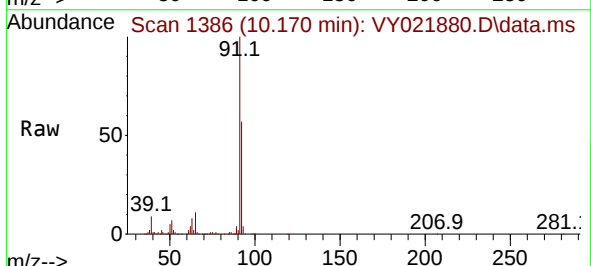
Acq: 14 Apr 2025 19:20

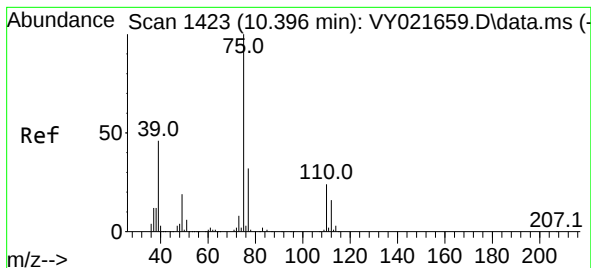
Tgt Ion: 92 Resp: 351527

Ion Ratio Lower Upper

92 100

91 172.1 138.6 207.8

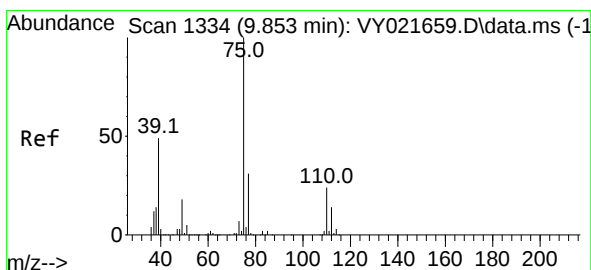
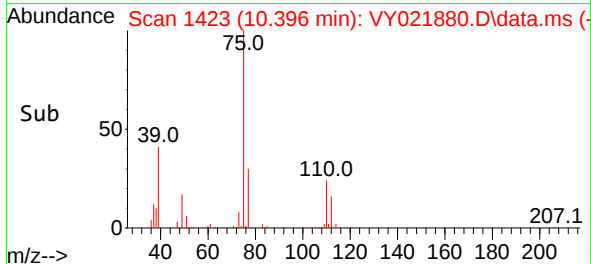
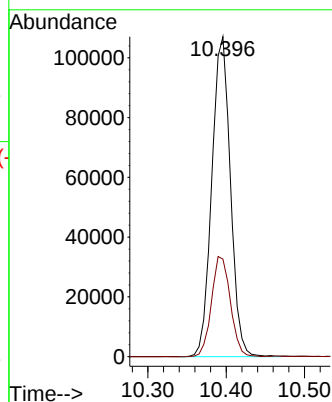
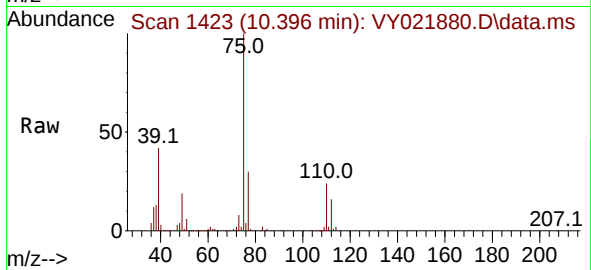




#53
 t-1,3-Dichloropropene
 Concen: 50.797 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

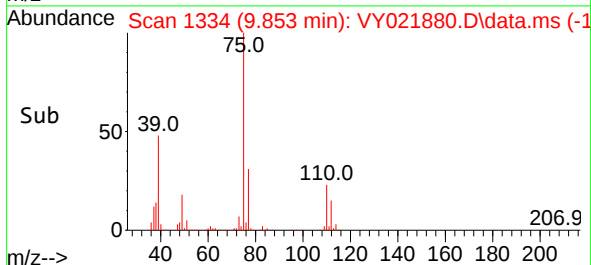
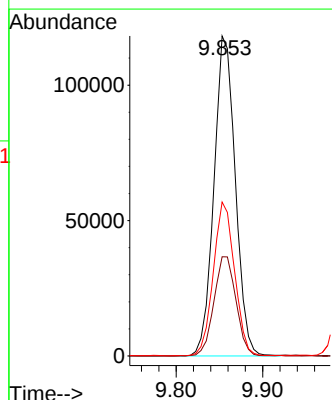
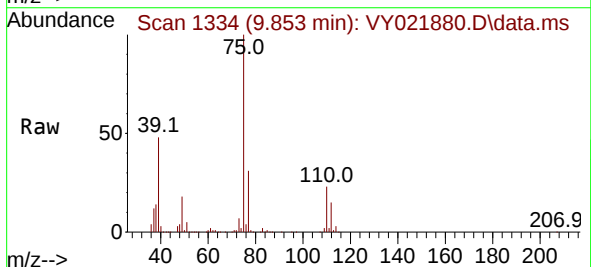
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

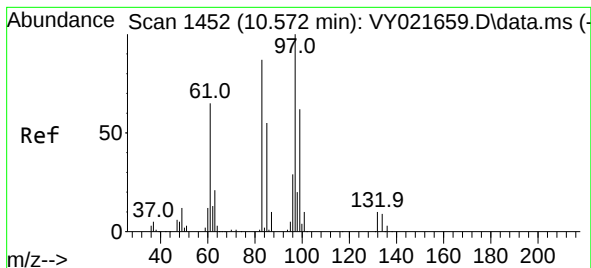
Tgt Ion: 75 Resp: 176569
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.420 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

Tgt Ion: 75 Resp: 202657
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3
 39 48.0 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 52.507 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 102050

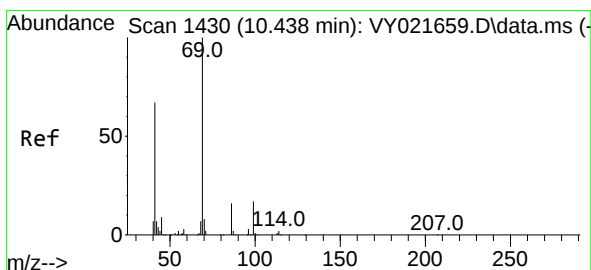
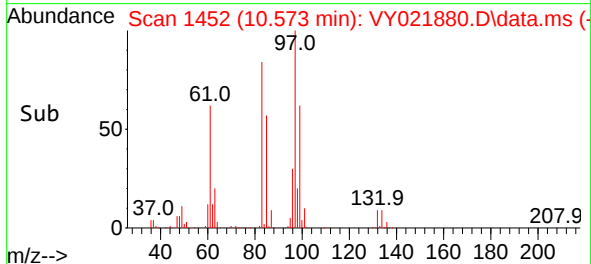
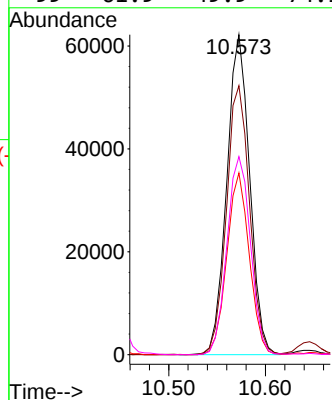
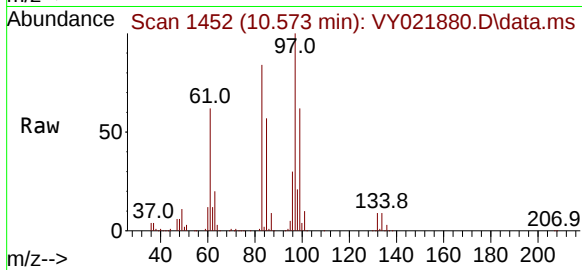
Ion Ratio Lower Upper

97 100

83 84.1 69.5 104.3

85 56.7 43.9 65.9

99 61.9 49.9 74.9



#56

Ethyl methacrylate

Concen: 57.334 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

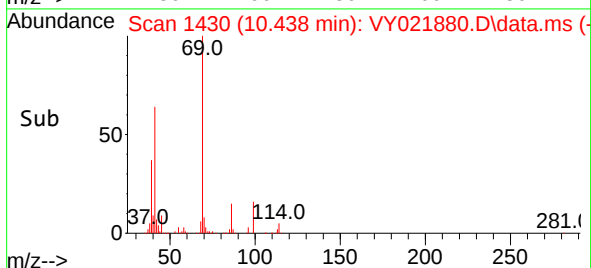
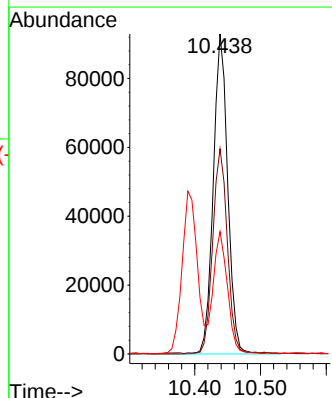
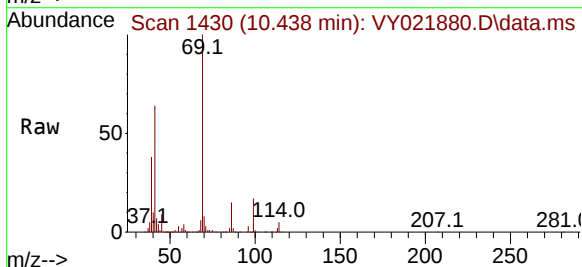
Tgt Ion: 69 Resp: 142287

Ion Ratio Lower Upper

69 100

41 64.5 53.8 80.6

39 37.9 29.6 44.4





#57

1,3-Dichloropropane

Concen: 52.051 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

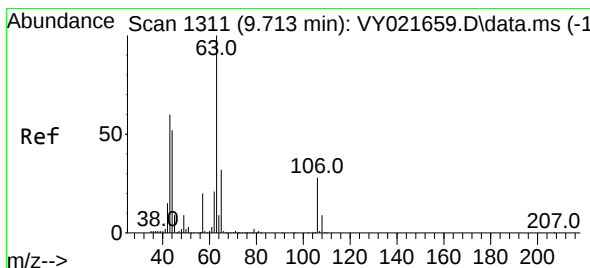
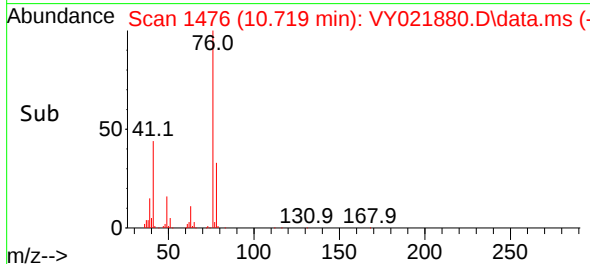
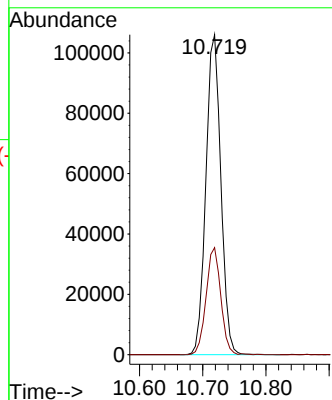
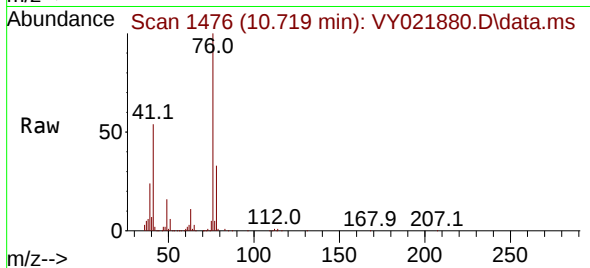
VSTDCCC050EC

Tgt Ion: 76 Resp: 174717

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 300.129 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021880.D

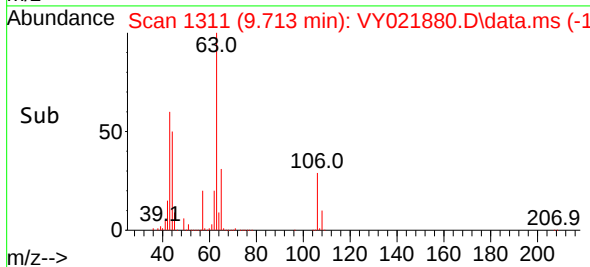
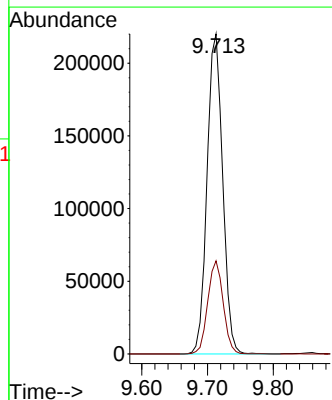
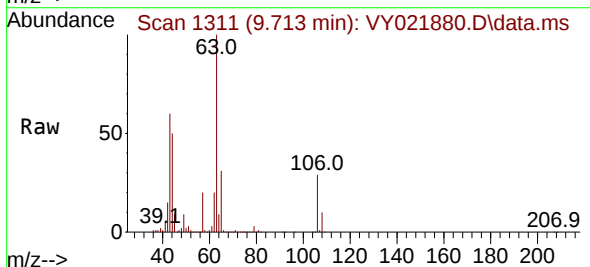
Acq: 14 Apr 2025 19:20

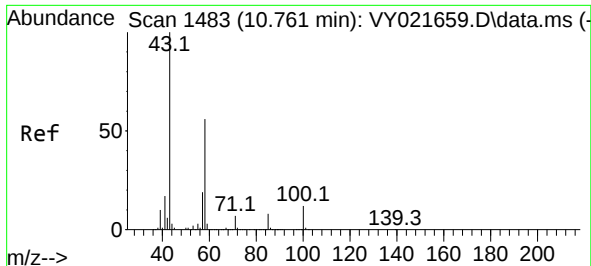
Tgt Ion: 63 Resp: 363354

Ion Ratio Lower Upper

63 100

106 28.8 22.4 33.6

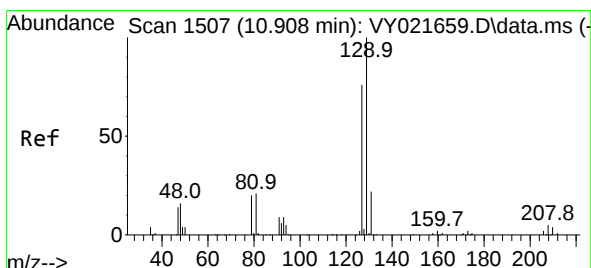
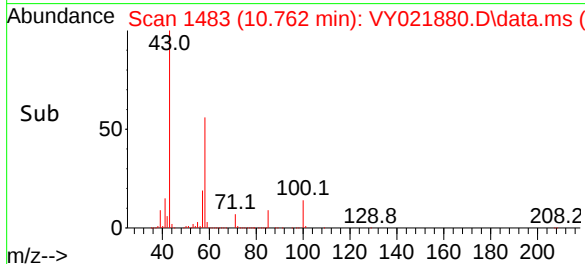
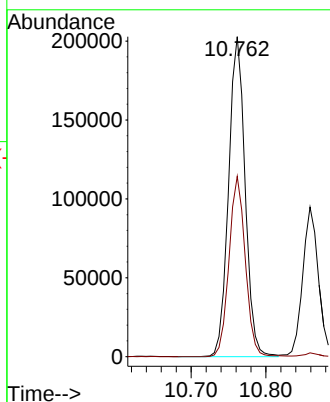
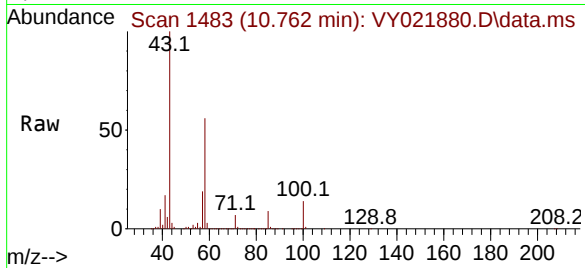




#59
2-Hexanone
Concen: 272.695 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

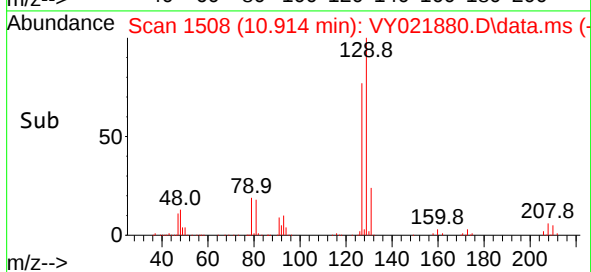
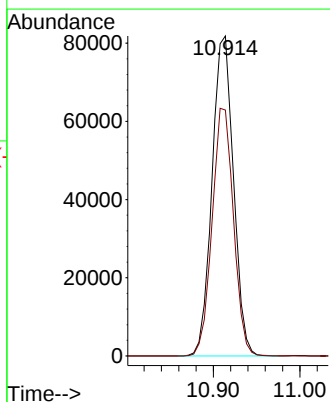
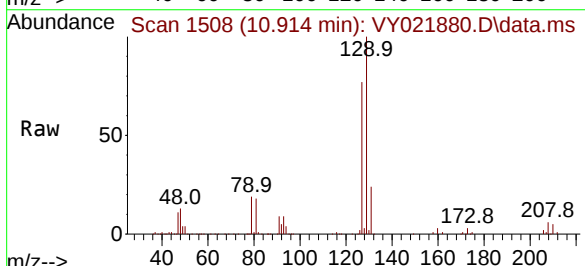
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

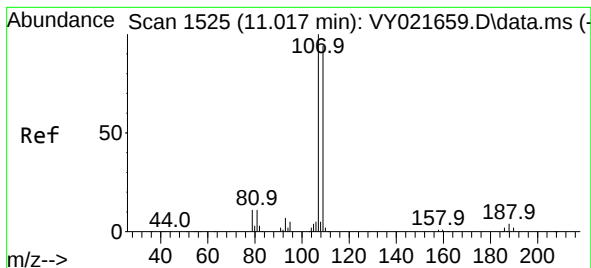
Tgt Ion: 43 Resp: 312475
Ion Ratio Lower Upper
43 100
58 55.6 27.2 81.5



#60
Dibromochloromethane
Concen: 53.006 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 129 Resp: 140656
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7

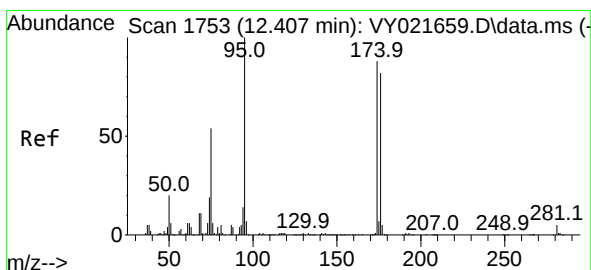
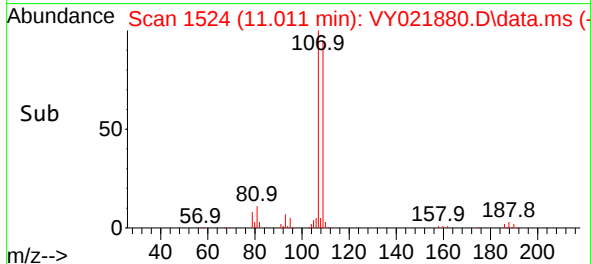
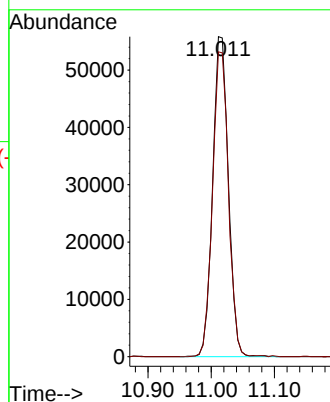
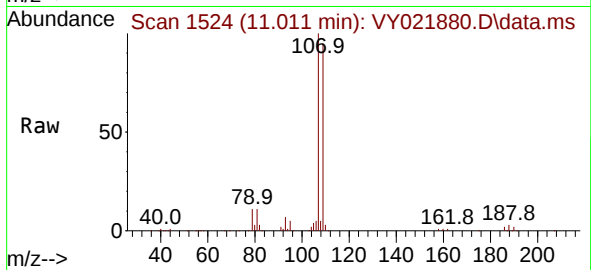




#61
1,2-Dibromoethane
Concen: 52.873 ug/l
RT: 11.011 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

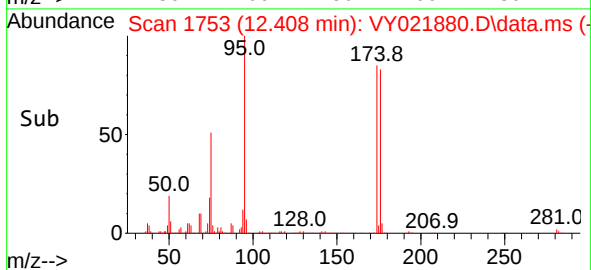
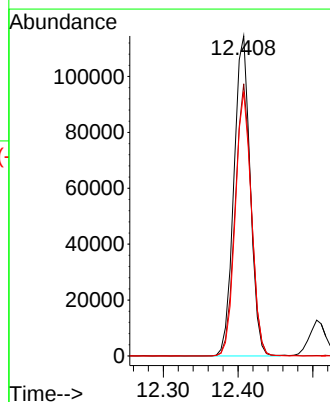
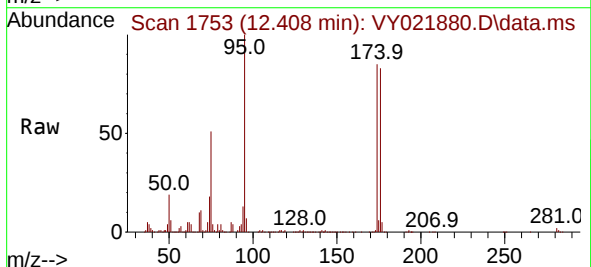
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

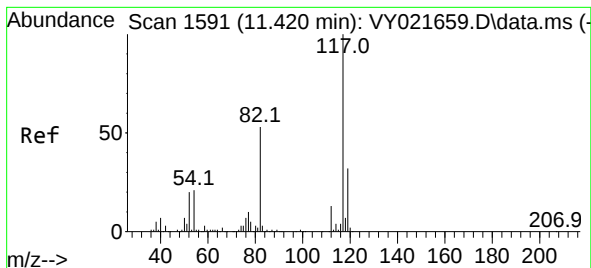
Tgt Ion:107 Resp: 96399
Ion Ratio Lower Upper
107 100
109 96.5 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 55.636 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 95 Resp: 173756
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 81.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

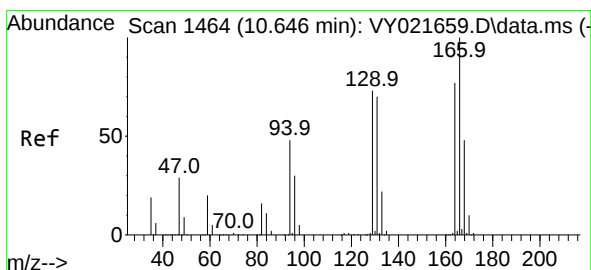
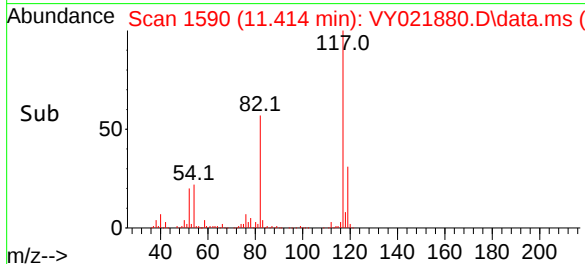
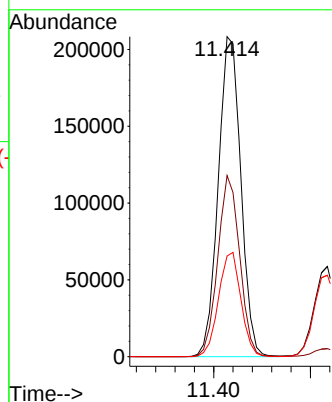
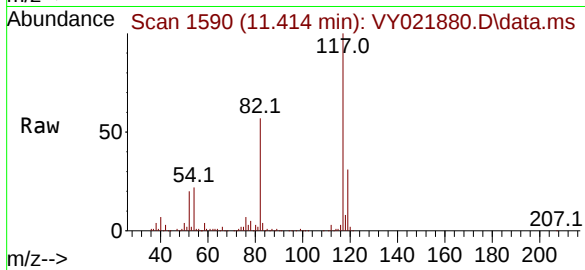
Tgt Ion:117 Resp: 337543

Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 51.932 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Tgt Ion:164 Resp: 159653

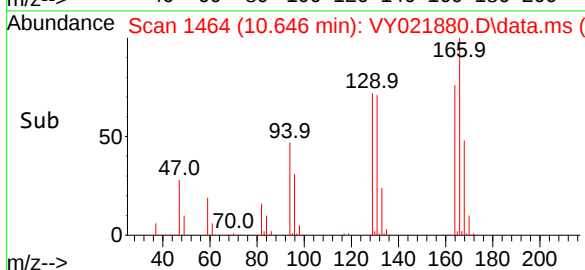
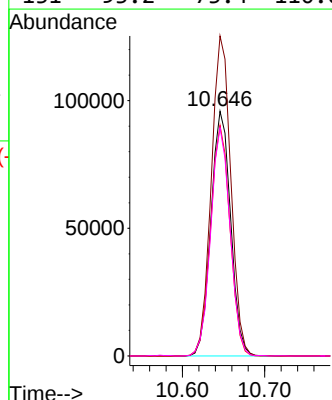
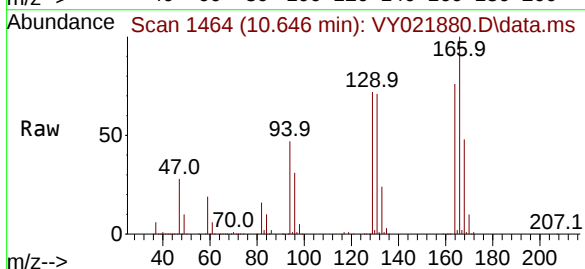
Ion Ratio Lower Upper

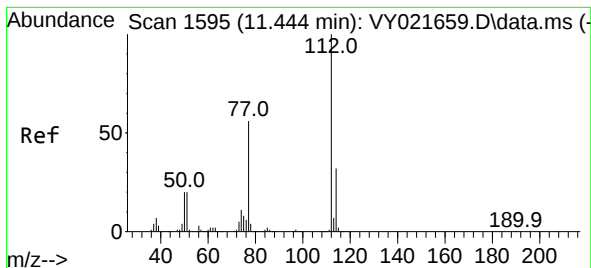
164 100

166 130.8 104.6 156.8

129 94.3 76.6 114.8

131 93.2 73.4 110.0





#65

Chlorobenzene

Concen: 50.305 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

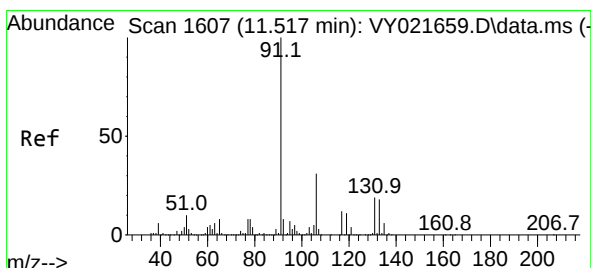
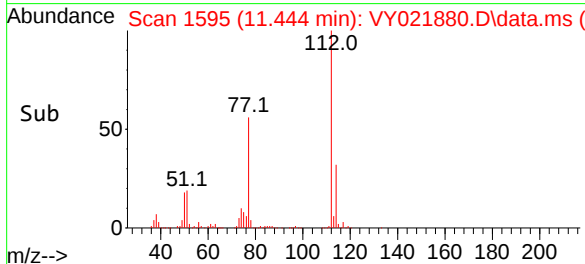
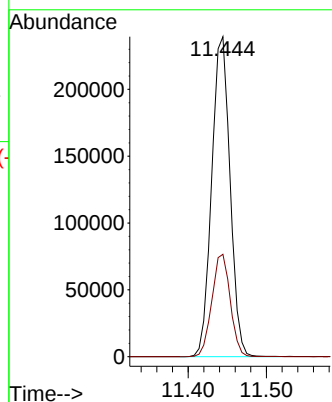
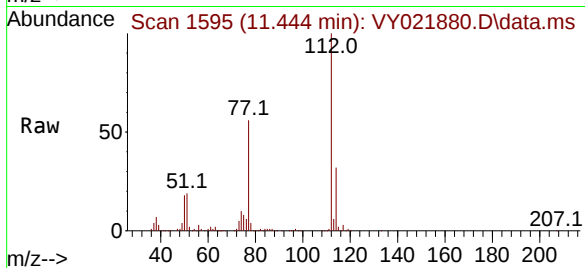
VSTDCCC050EC

Tgt Ion:112 Resp: 389238

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 51.213 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

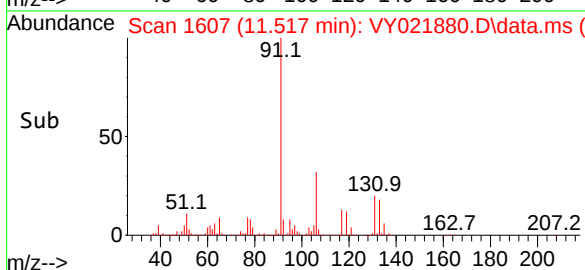
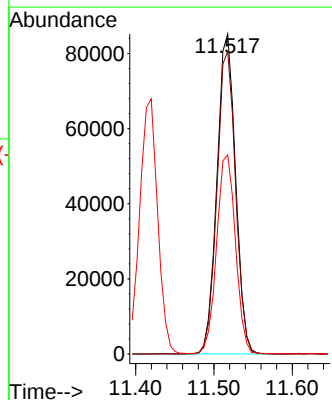
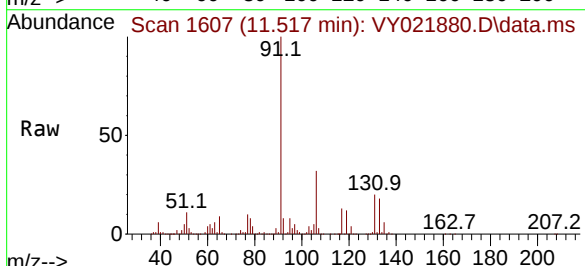
Tgt Ion:131 Resp: 140594

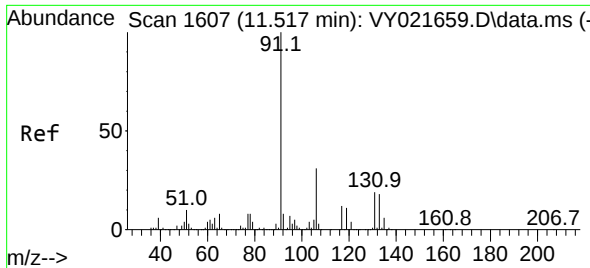
Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.8

119 63.3 31.6 95.0

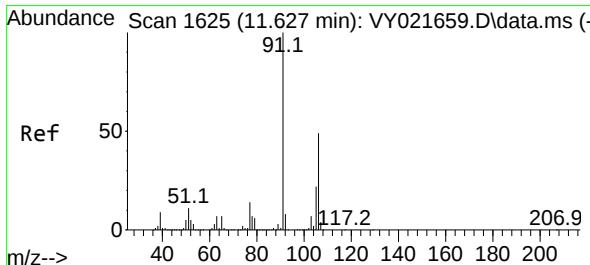
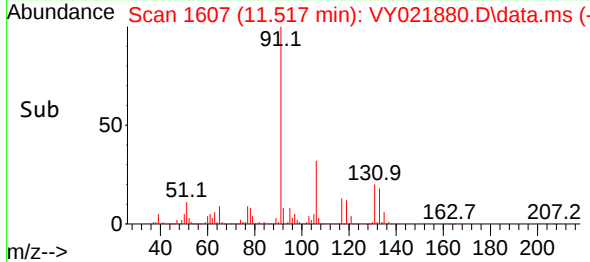
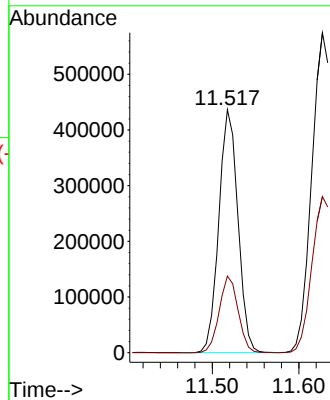
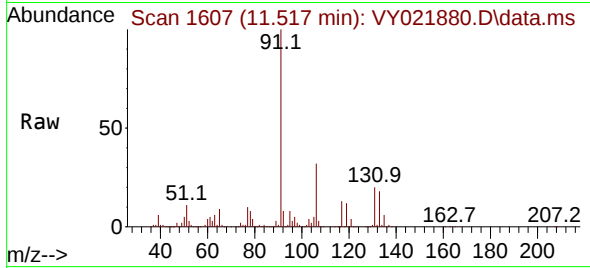




#67
Ethyl Benzene
Concen: 50.363 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

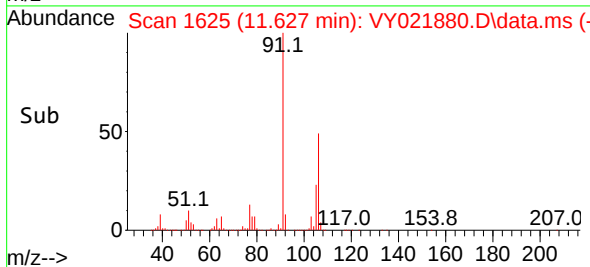
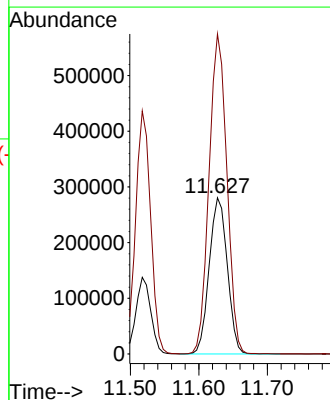
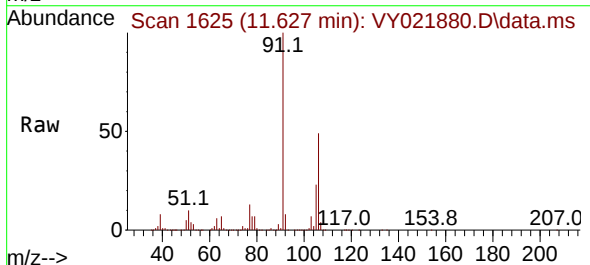
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

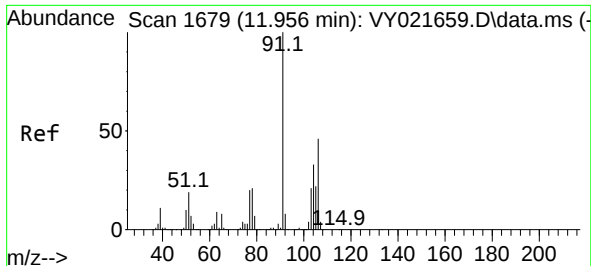
Tgt Ion: 91 Resp: 668237
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 101.203 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 106 Resp: 514191
Ion Ratio Lower Upper
106 100
91 202.2 162.4 243.6

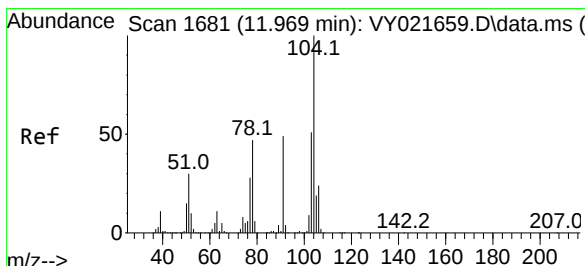
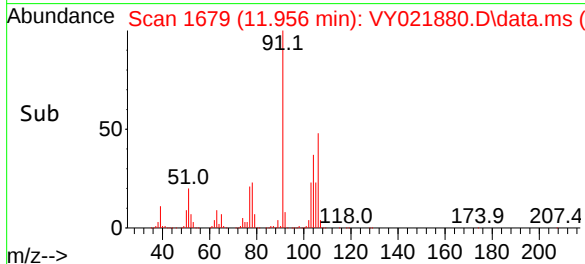
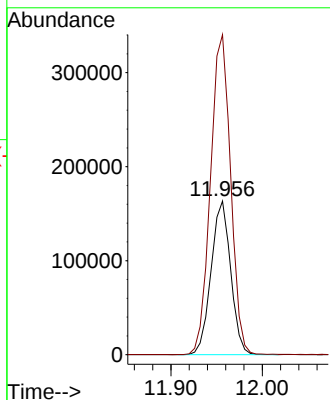
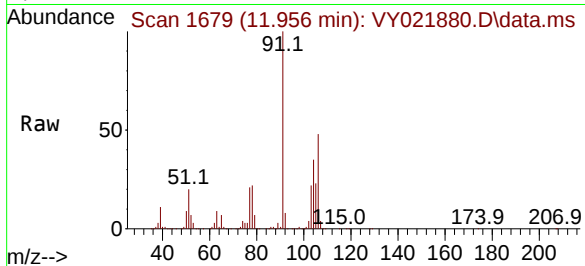




#69
o-Xylene
Concen: 51.777 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

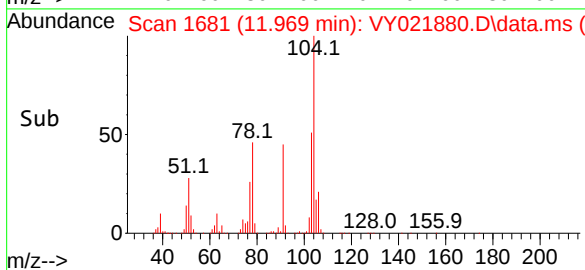
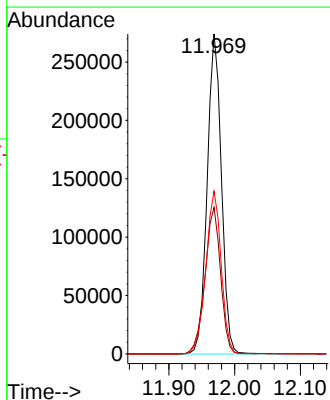
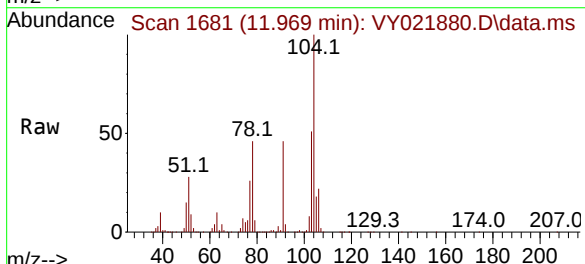
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

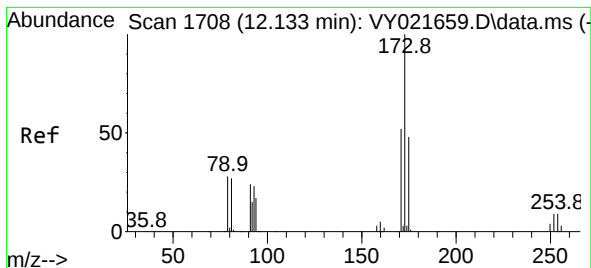
Tgt Ion:106 Resp: 242832
Ion Ratio Lower Upper
106 100
91 214.7 106.7 319.9



#70
Styrene
Concen: 52.774 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion:104 Resp: 412679
Ion Ratio Lower Upper
104 100
78 50.2 40.8 61.2
103 55.0 44.2 66.2





#71

Bromoform

Concen: 54.147 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

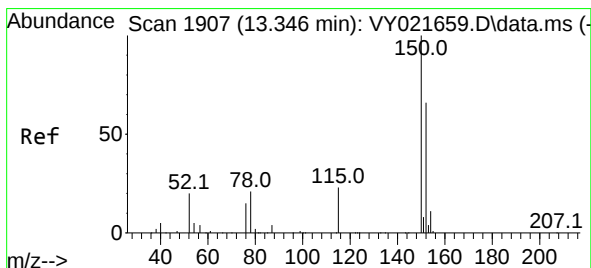
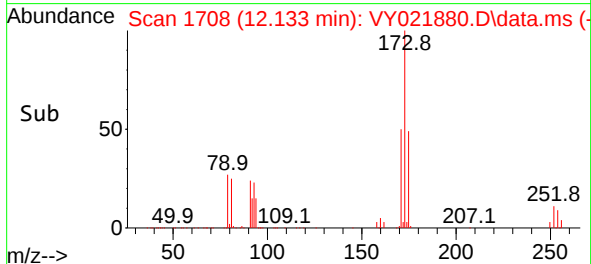
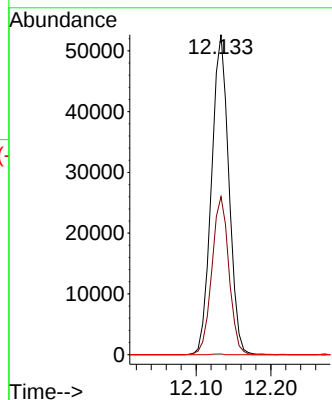
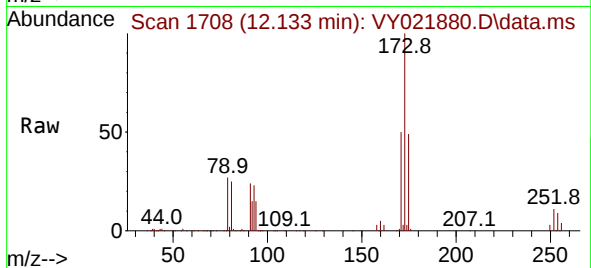
Tgt Ion:173 Resp: 84793

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

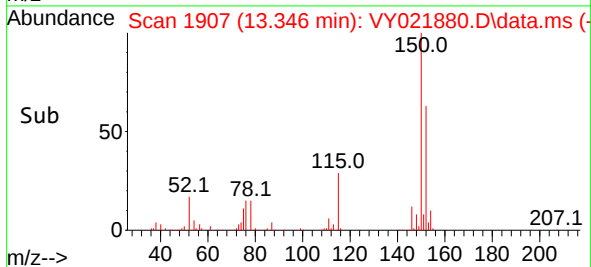
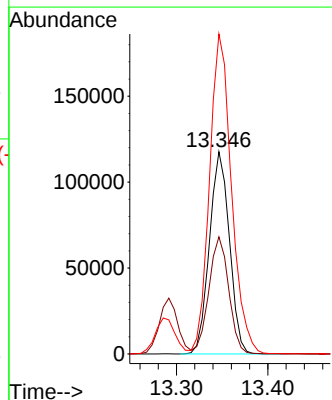
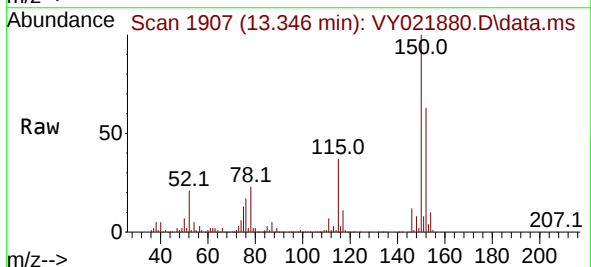
Tgt Ion:152 Resp: 178519

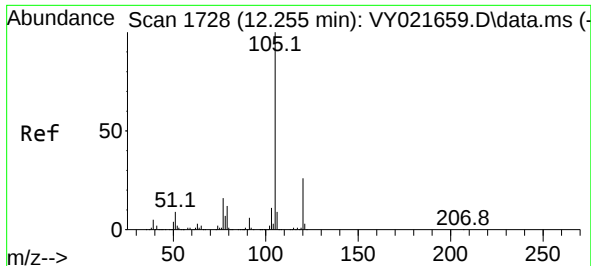
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 173.8 0.0 348.4

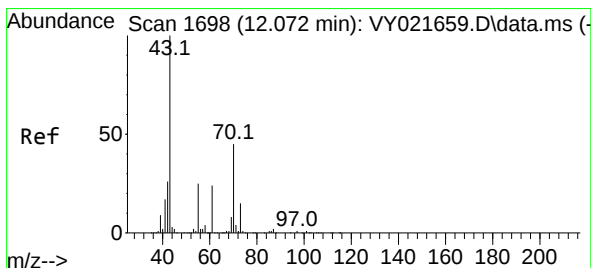
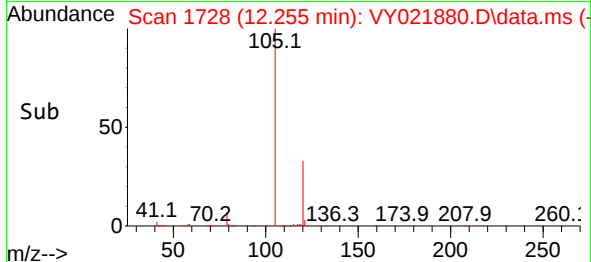
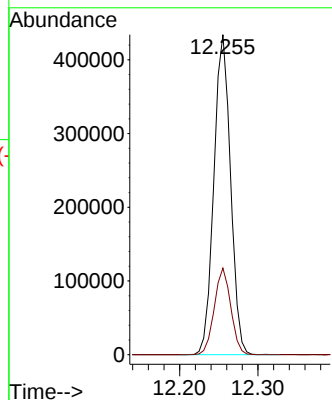
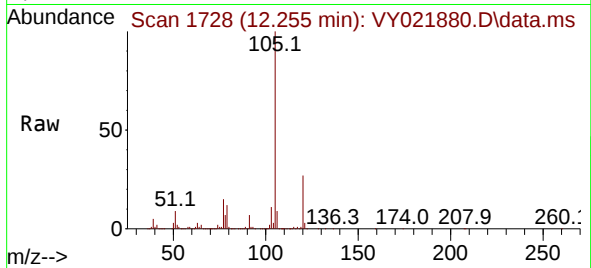




#73
Isopropylbenzene
Concen: 48.398 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

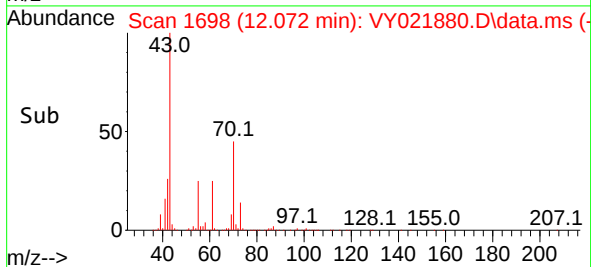
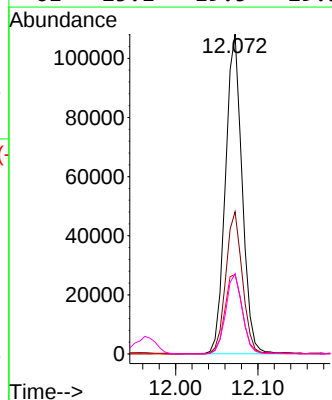
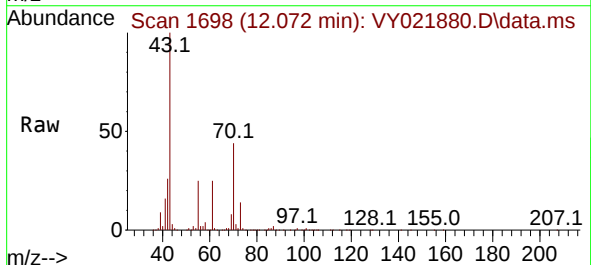
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

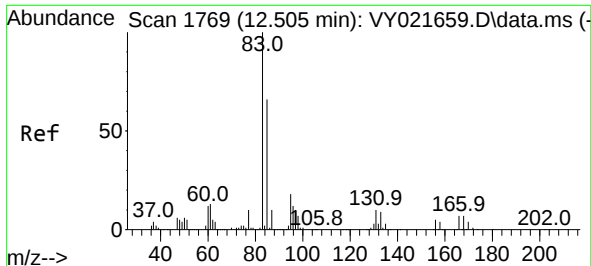
Tgt Ion:105 Resp: 641719
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5



#74
N-ethyl acetate
Concen: 48.895 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 43 Resp: 152153
Ion Ratio Lower Upper
43 100
70 44.6 34.7 52.1
55 26.4 21.2 31.8
61 25.1 19.5 29.3

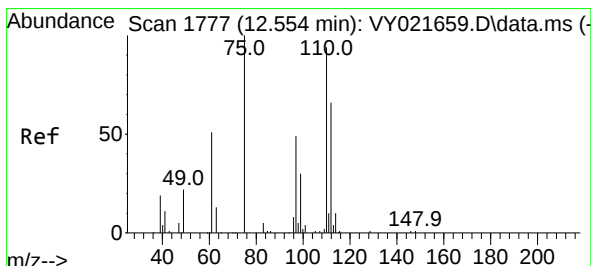
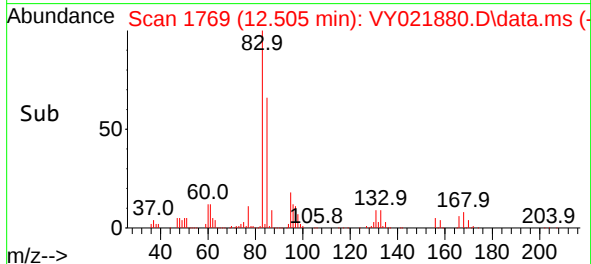
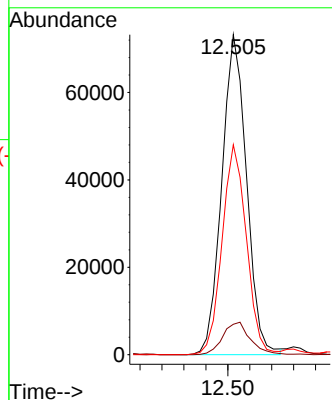
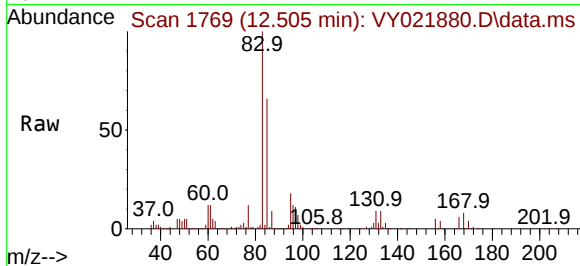




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.172 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

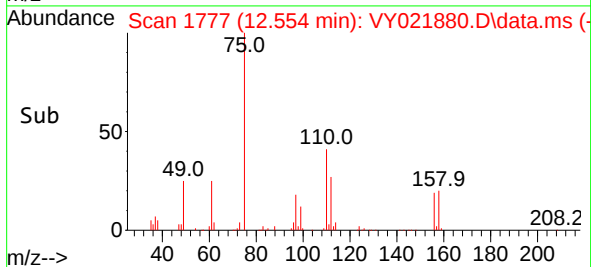
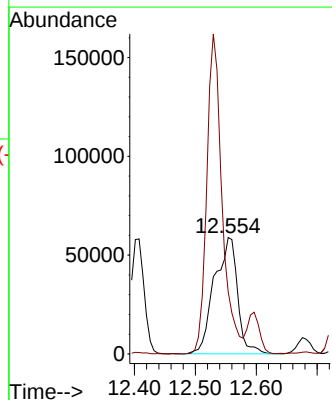
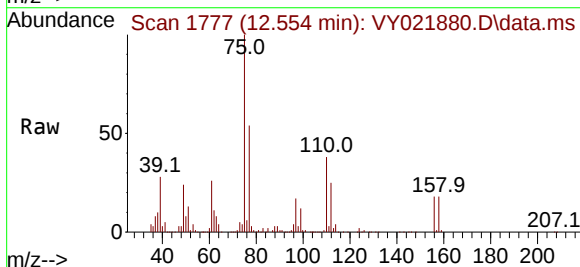
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

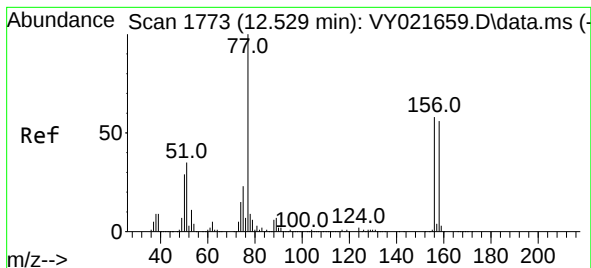
Tgt Ion: 83 Resp: 114837
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.1 15.3
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 87.977 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021880.D
 Acq: 14 Apr 2025 19:20

Tgt Ion: 75 Resp: 155683
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.989 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

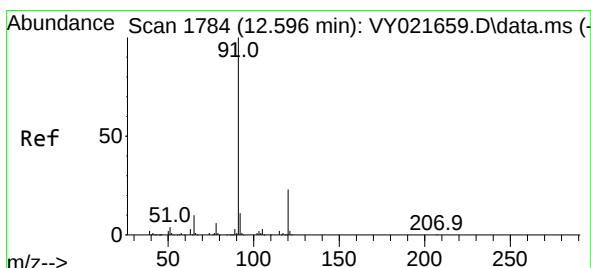
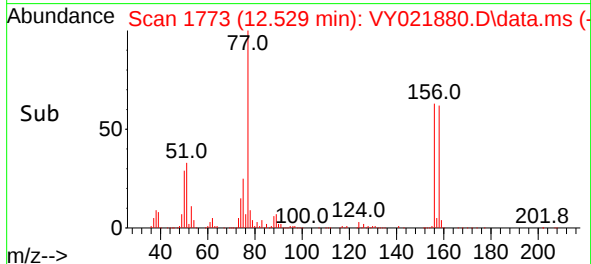
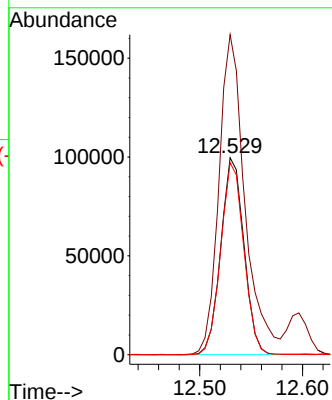
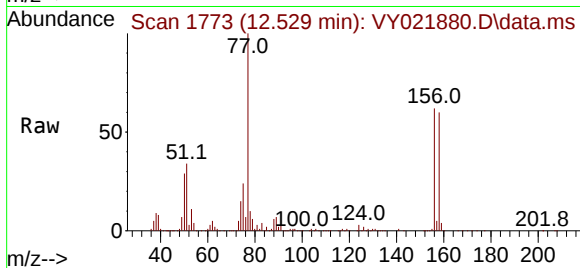
Tgt Ion:156 Resp: 155958

Ion Ratio Lower Upper

156 100

77 182.5 92.8 278.3

158 97.3 48.5 145.6



#78

n-propylbenzene

Concen: 47.863 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021880.D

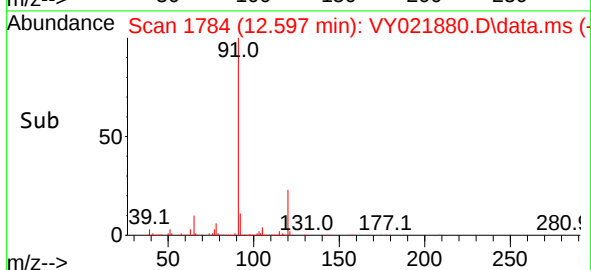
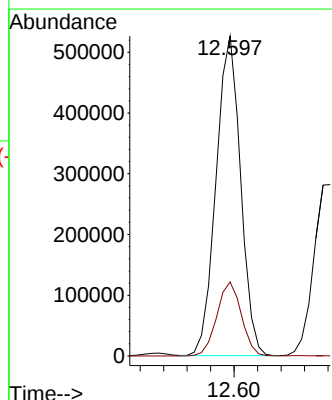
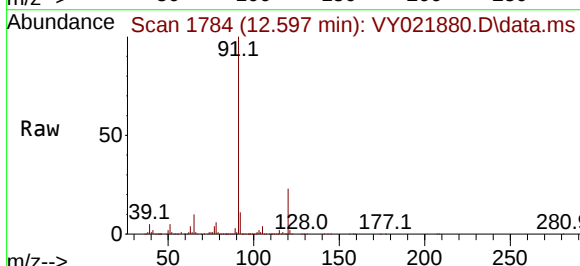
Acq: 14 Apr 2025 19:20

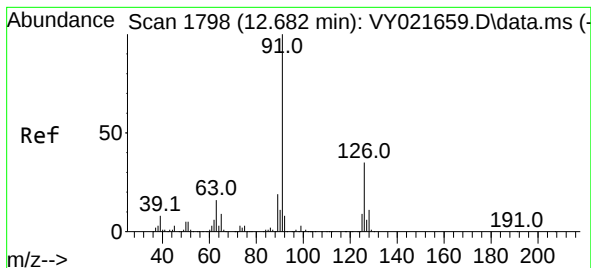
Tgt Ion: 91 Resp: 762970

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 47.863 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

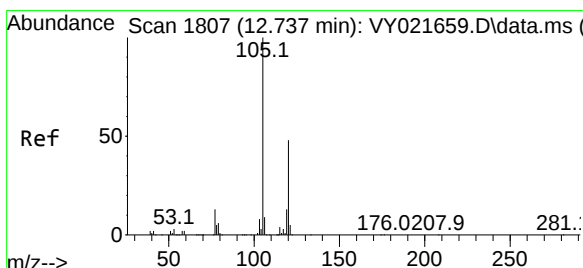
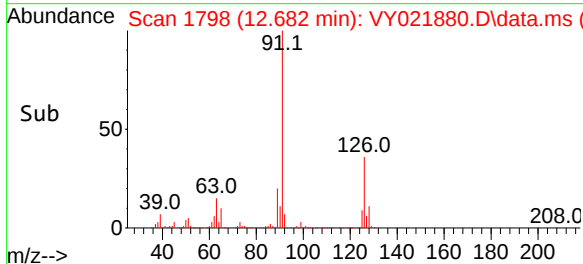
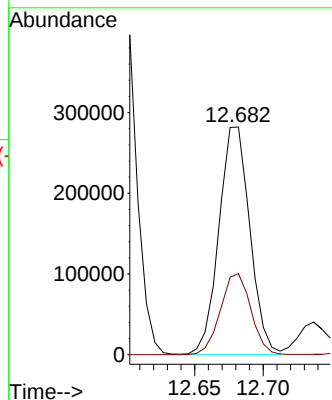
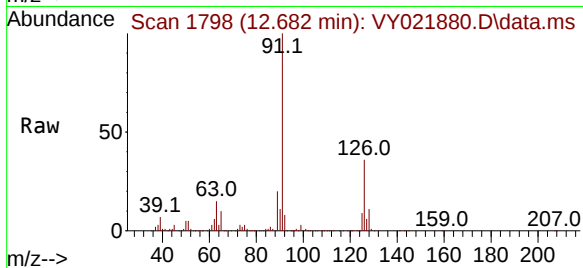
VSTDCCC050EC

Tgt Ion: 91 Resp: 443147

Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 48.896 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021880.D

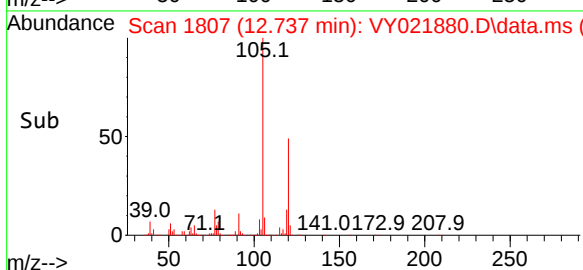
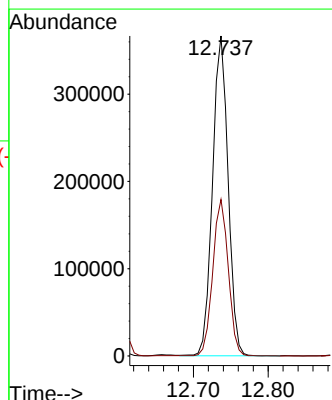
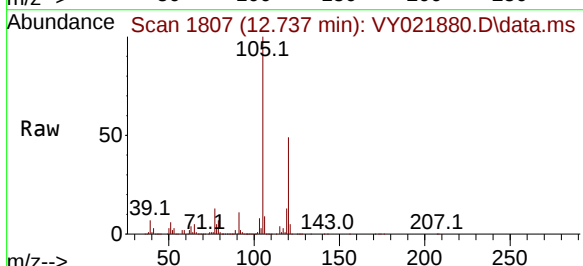
Acq: 14 Apr 2025 19:20

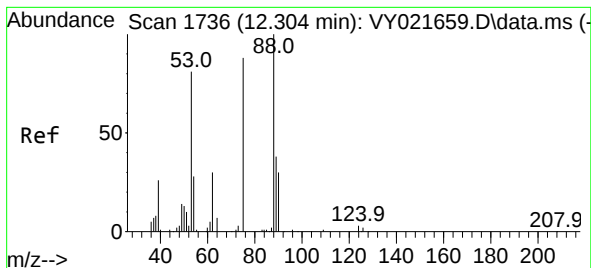
Tgt Ion: 105 Resp: 529871

Ion Ratio Lower Upper

105 100

120 48.8 24.5 73.5

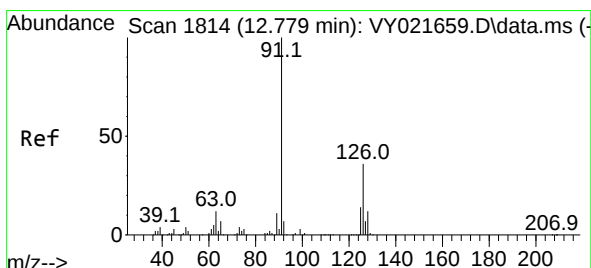
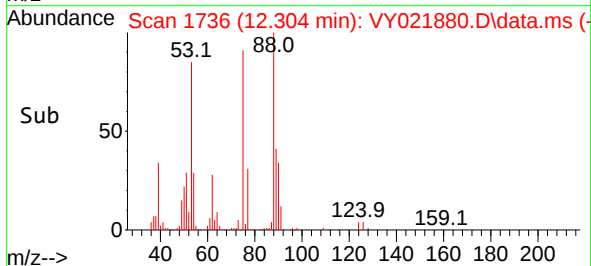
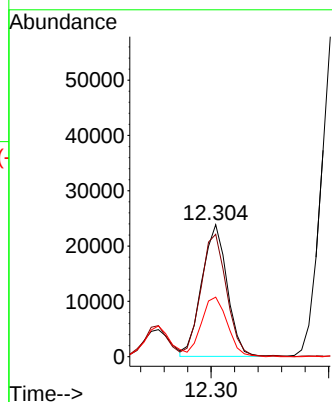
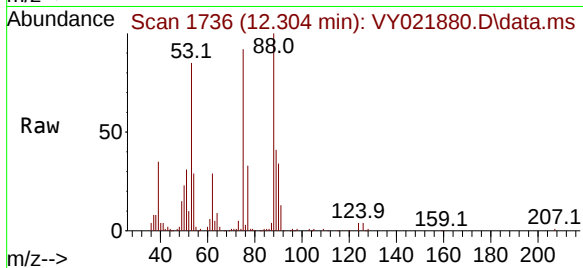




#81
trans-1,4-Dichloro-2-butene
Concen: 46.318 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

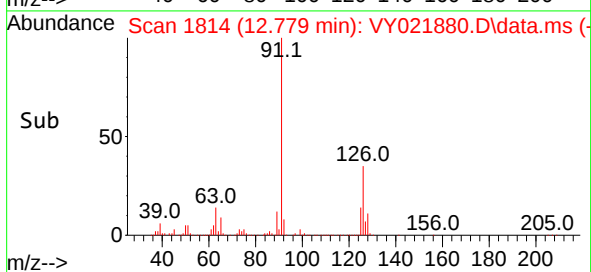
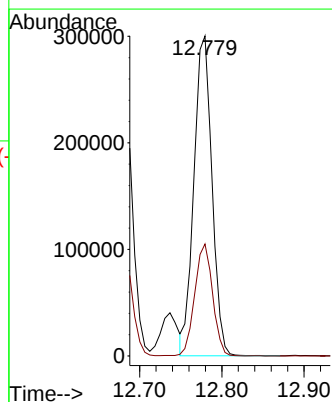
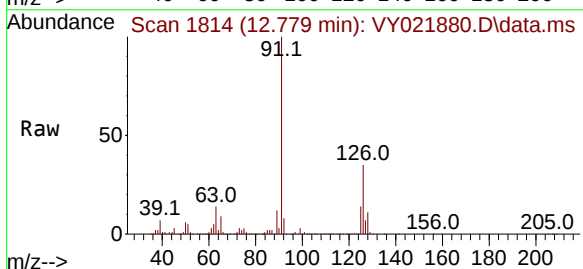
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

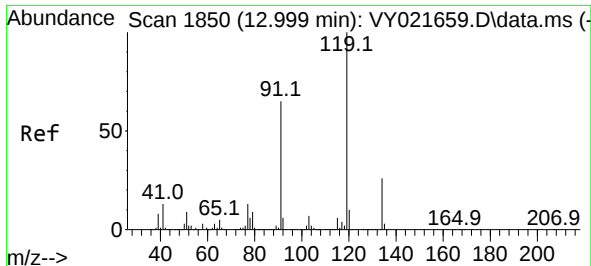
Tgt Ion: 75 Resp: 35572
Ion Ratio Lower Upper
75 100
53 95.6 76.1 114.1
89 46.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 47.493 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 91 Resp: 458428
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9

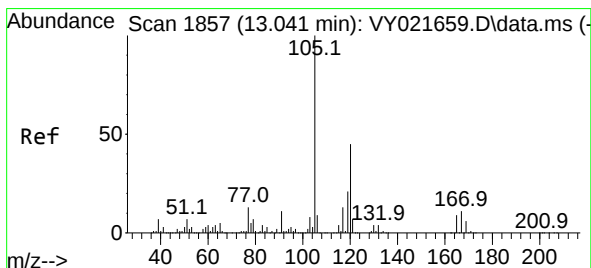
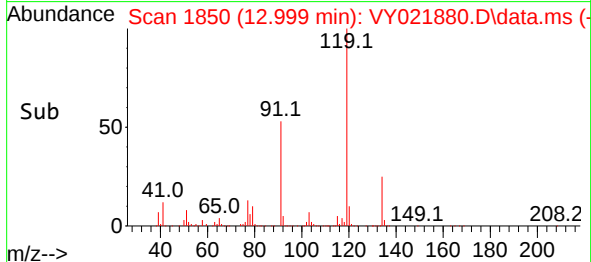
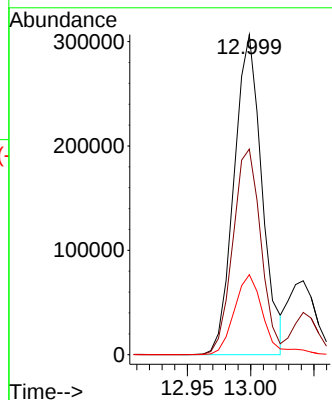
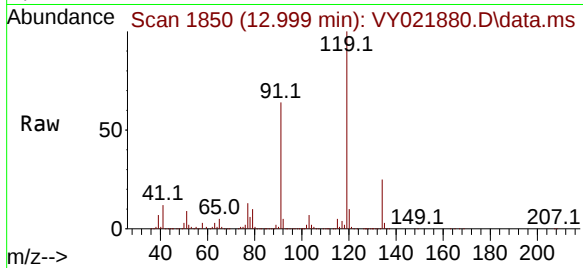




#83
tert-Butylbenzene
Concen: 48.718 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

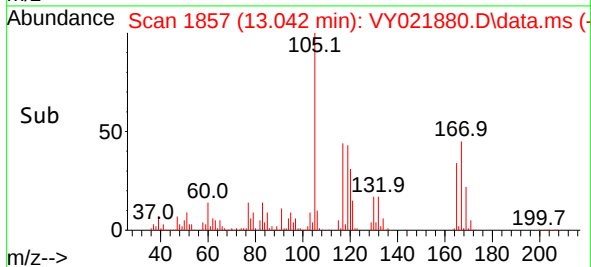
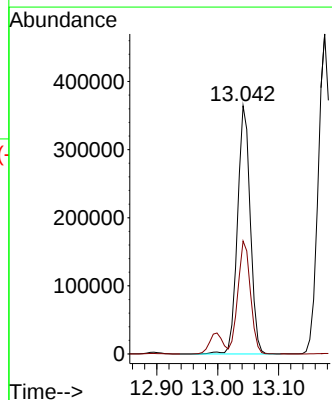
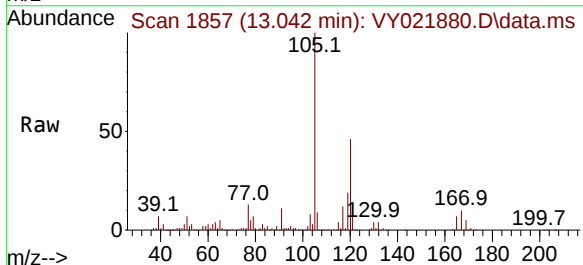
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

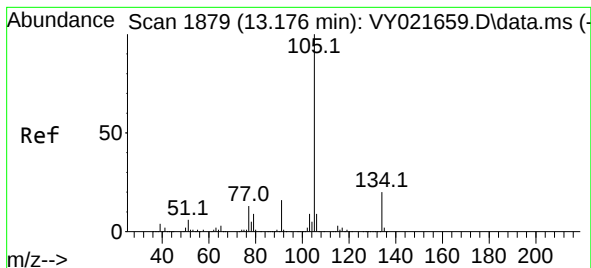
Tgt Ion:119 Resp: 470233
Ion Ratio Lower Upper
119 100
91 64.6 32.6 97.7
134 26.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.487 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion:105 Resp: 530030
Ion Ratio Lower Upper
105 100
120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.259 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

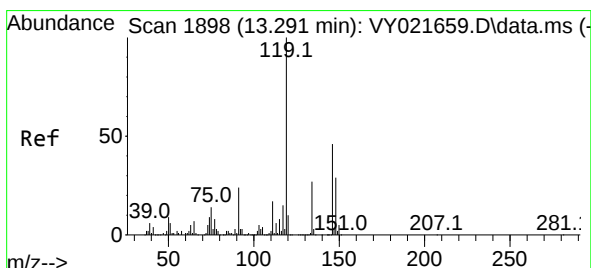
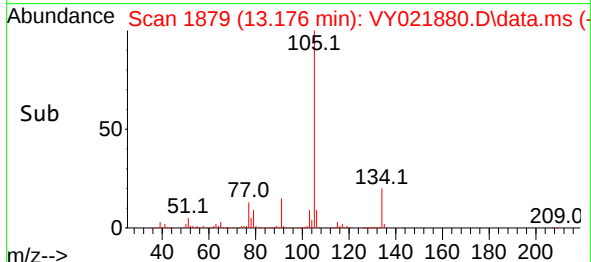
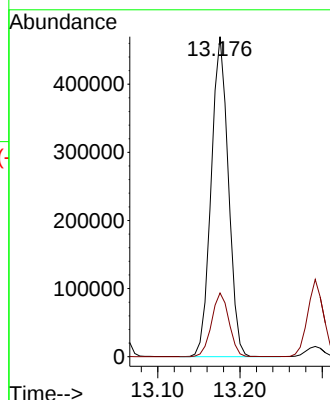
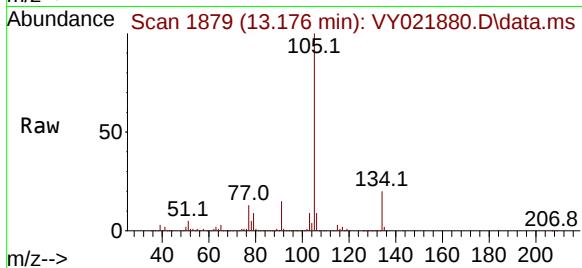
VSTDCCC050EC

Tgt Ion:105 Resp: 680731

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.127 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

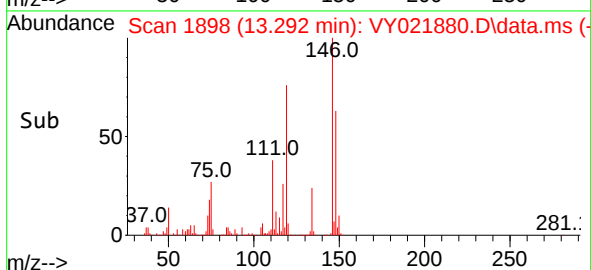
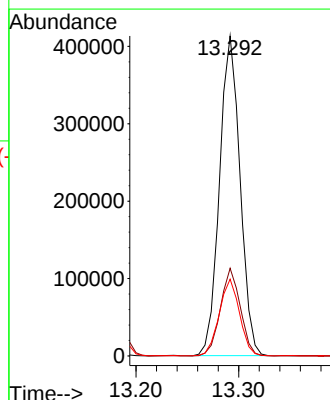
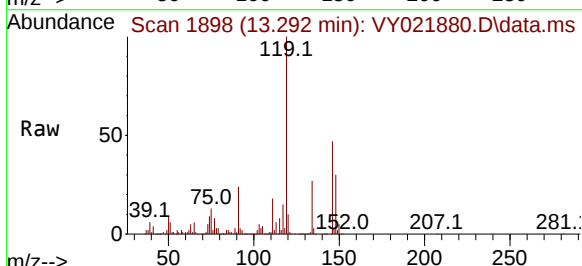
Tgt Ion:119 Resp: 572741

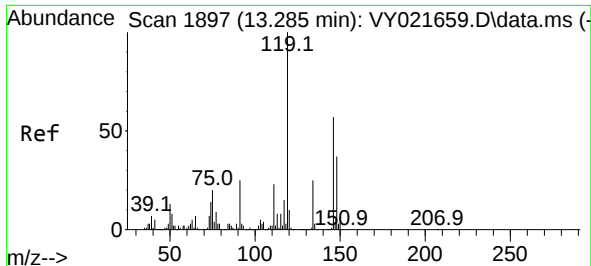
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 23.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 48.697 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

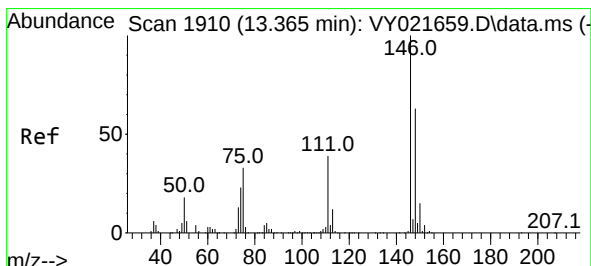
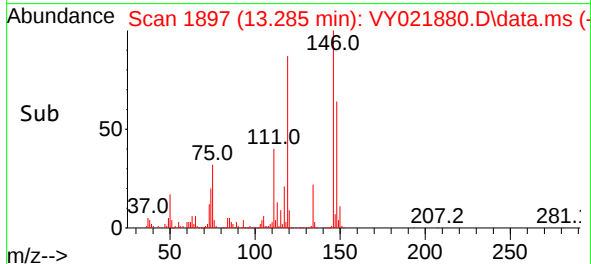
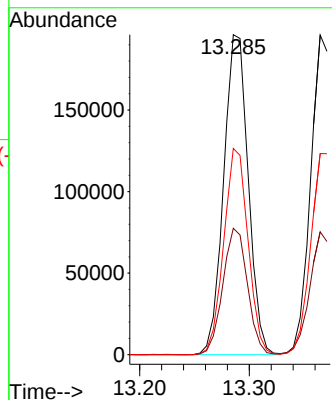
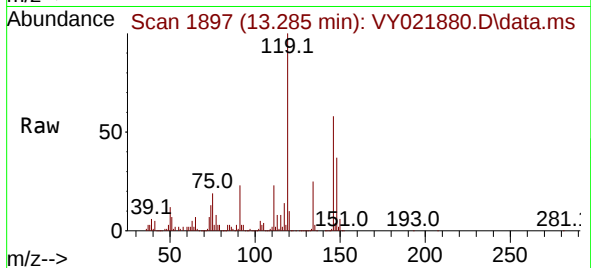
Tgt Ion:146 Resp: 305435

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.612 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

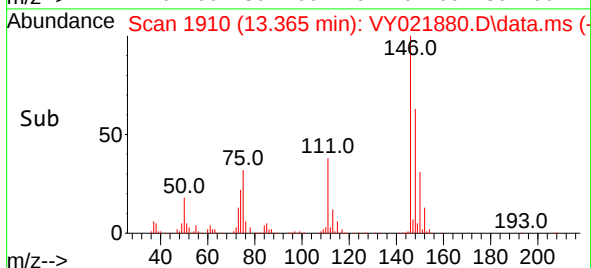
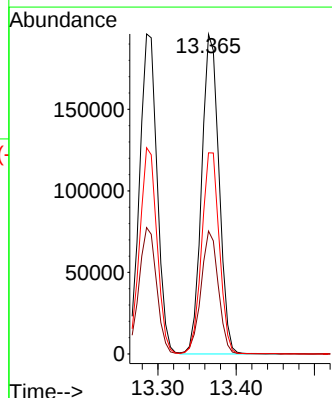
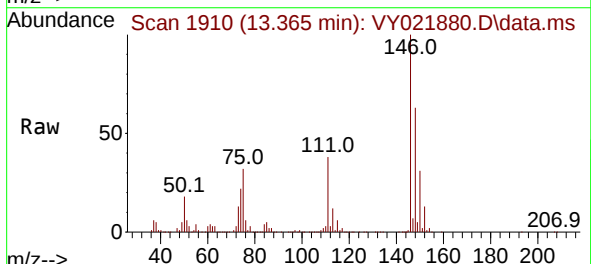
Tgt Ion:146 Resp: 301248

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 47.983 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

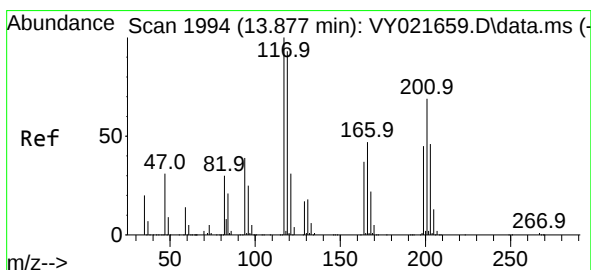
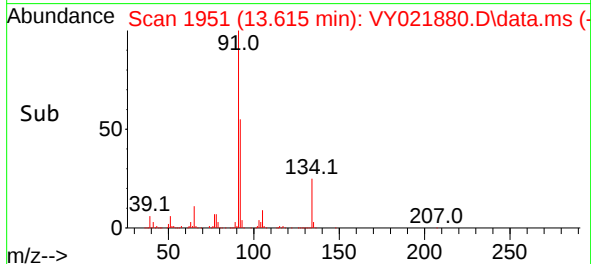
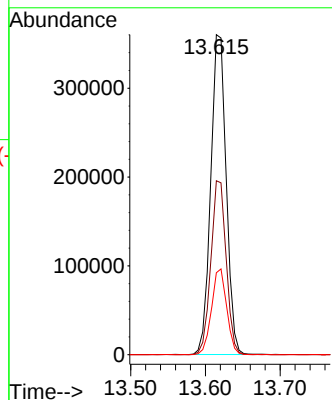
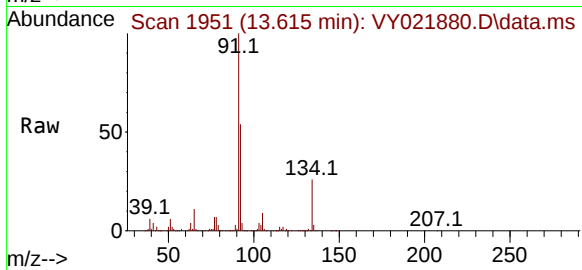
Tgt Ion: 91 Resp: 517352

Ion Ratio Lower Upper

91 100

92 53.9 26.4 79.2

134 26.3 12.8 38.4



#90

Hexachloroethane

Concen: 47.654 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021880.D

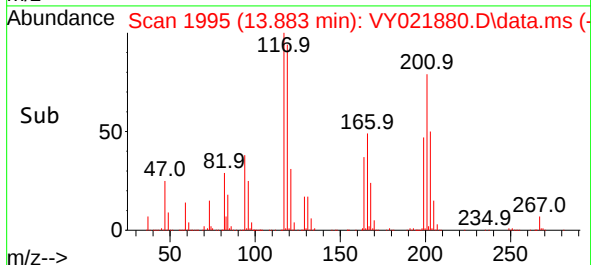
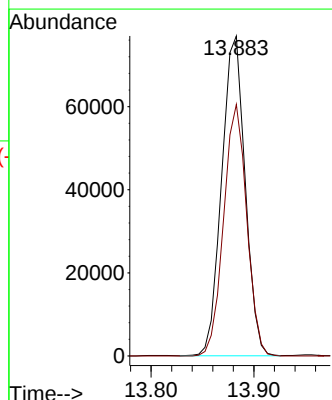
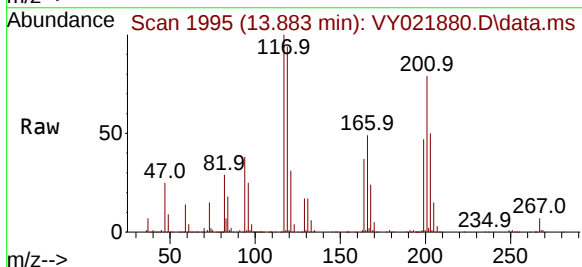
Acq: 14 Apr 2025 19:20

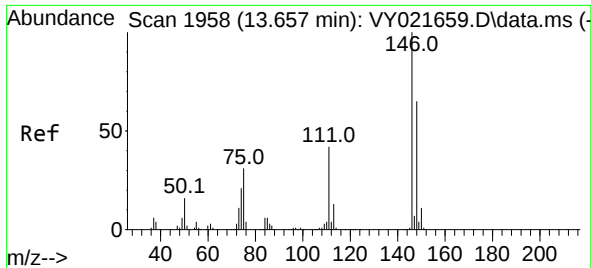
Tgt Ion: 117 Resp: 121746

Ion Ratio Lower Upper

117 100

201 77.2 37.4 112.1

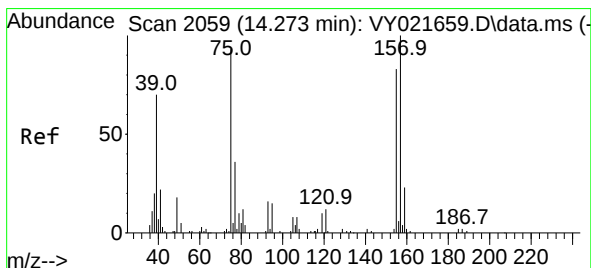
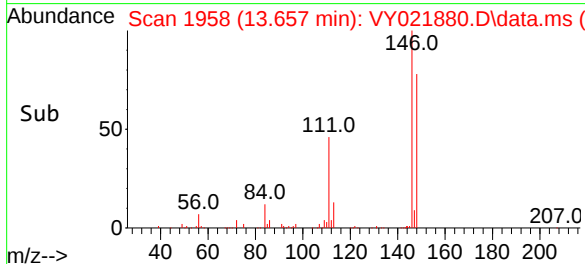
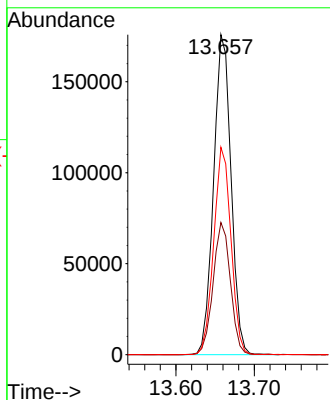
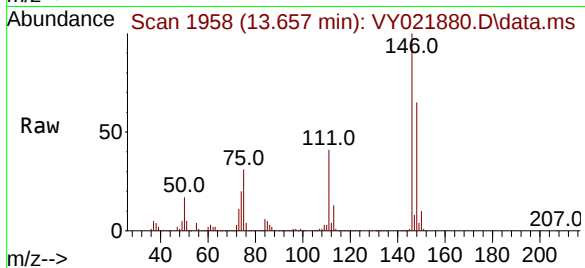




#91
1,2-Dichlorobenzene
Concen: 49.890 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

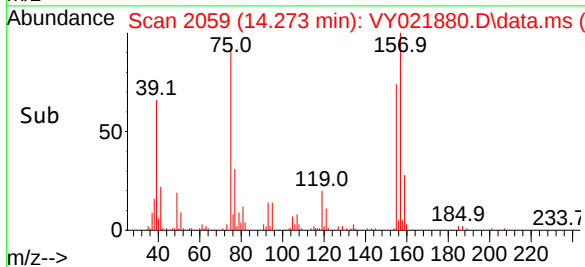
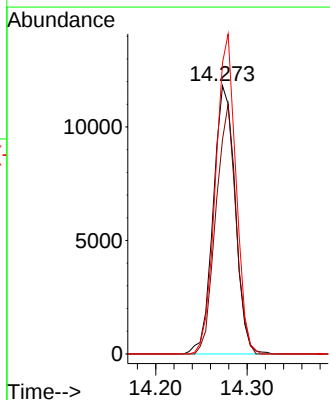
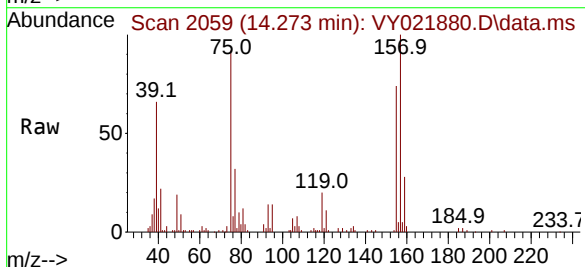
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

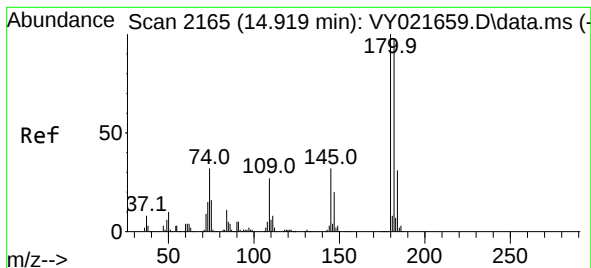
Tgt Ion:146 Resp: 272399
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 64.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.194 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021880.D
Acq: 14 Apr 2025 19:20

Tgt Ion: 75 Resp: 19654
Ion Ratio Lower Upper
75 100
155 85.4 43.0 128.8
157 110.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.779 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

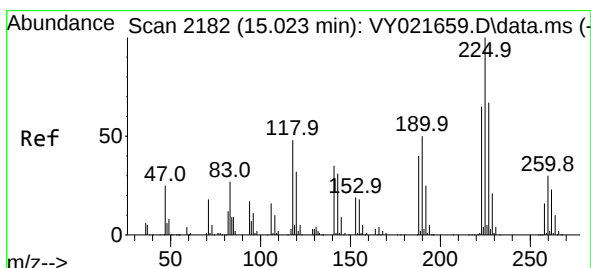
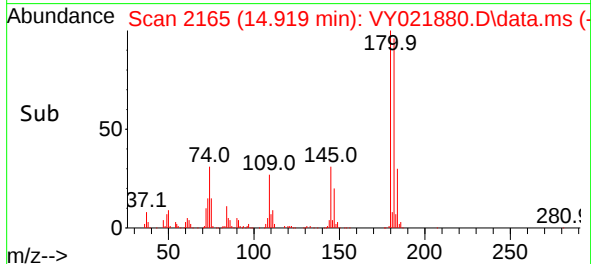
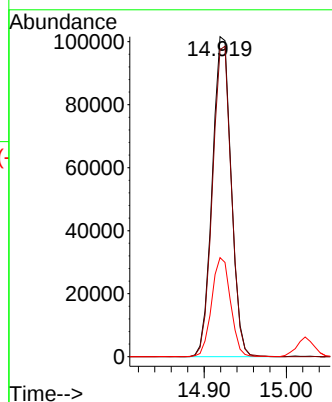
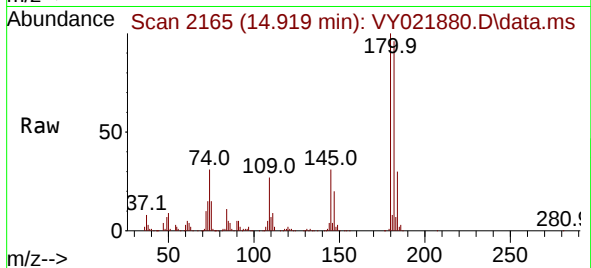
Tgt Ion:180 Resp: 162195

Ion Ratio Lower Upper

180 100

182 96.7 47.5 142.6

145 31.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 50.805 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

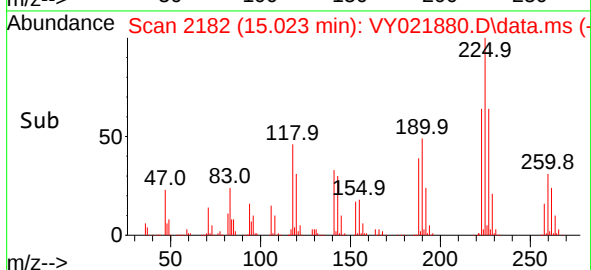
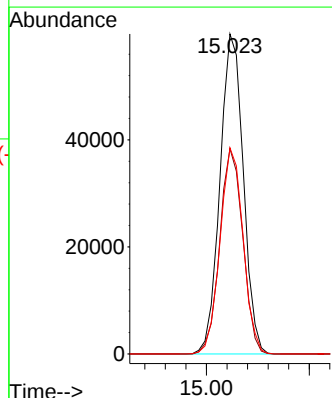
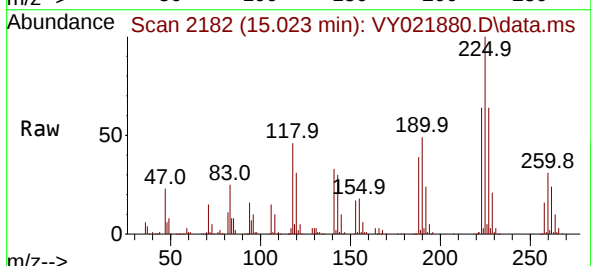
Tgt Ion:225 Resp: 93949

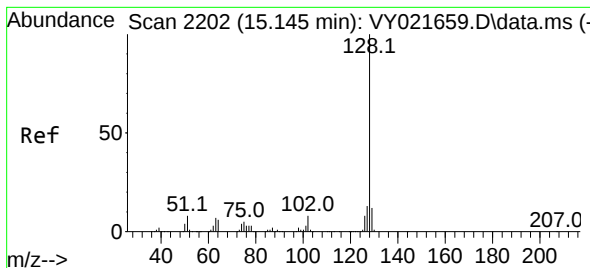
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.7

227 63.7 32.4 97.0





#95

Naphthalene

Concen: 62.628 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

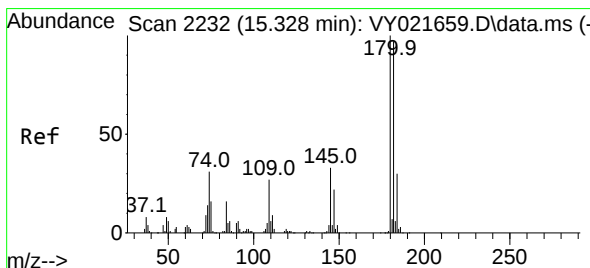
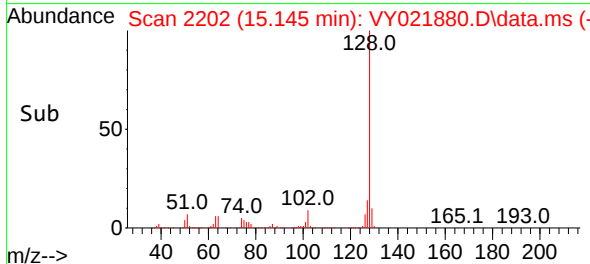
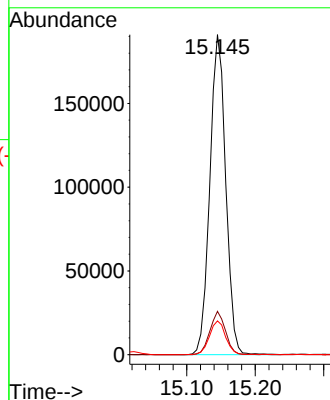
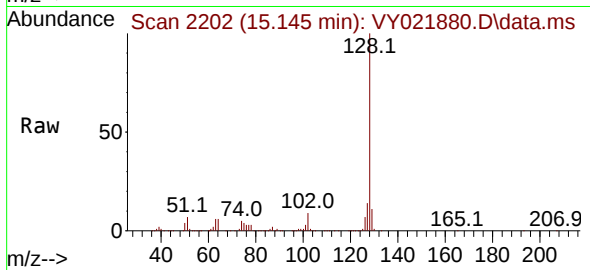
Tgt Ion:128 Resp: 307369

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 57.124 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021880.D

Acq: 14 Apr 2025 19:20

Tgt Ion:180 Resp: 144233

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.5

145 31.9 15.9 47.7

