

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021776.D
 Acq On : 04 Apr 2025 09:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 04 23:38:07 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	228718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	342799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	308777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	160179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121896	49.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.380%
35) Dibromofluoromethane	7.634	113	115525	51.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.109	98	446617	52.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.580%
62) 4-Bromofluorobenzene	12.408	95	151449	52.928	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.860%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	105148	44.355	ug/l 99
3) Chloromethane	2.068	50	145939	43.781	ug/l 100
4) Vinyl Chloride	2.202	62	165639	43.939	ug/l 99
5) Bromomethane	2.598	94	110489	42.973	ug/l 94
6) Chloroethane	2.733	64	108599	44.025	ug/l 98
7) Trichlorofluoromethane	3.056	101	219380	45.429	ug/l 99
8) Diethyl Ether	3.452	74	57638	43.889	ug/l 100
9) 1,1,2-Trichlorotrifluo...	3.812	101	117758	46.234	ug/l 98
10) Methyl Iodide	4.001	142	132756	47.511	ug/l 100
11) Tert butyl alcohol	4.866	59	31915	198.281	ug/l 98
12) 1,1-Dichloroethene	3.787	96	109939	45.826	ug/l 97
13) Acrolein	3.653	56	31766	108.084	ug/l 98
14) Allyl chloride	4.385	41	174528	45.628	ug/l 100
15) Acrylonitrile	5.055	53	120986	220.642	ug/l 99
16) Acetone	3.873	43	104133	205.322	ug/l 98
17) Carbon Disulfide	4.104	76	354255	44.833	ug/l 99
18) Methyl Acetate	4.385	43	59191	47.090	ug/l 97
19) Methyl tert-butyl Ether	5.110	73	275214	46.078	ug/l 99
20) Methylene Chloride	4.610	84	118494	47.558	ug/l 97
21) trans-1,2-Dichloroethene	5.110	96	122071	46.214	ug/l 97
22) Diisopropyl ether	6.012	45	384515	47.921	ug/l 95
23) Vinyl Acetate	5.958	43	1073117	228.612	ug/l 99
24) 1,1-Dichloroethane	5.915	63	222969	46.472	ug/l 99
25) 2-Butanone	6.890	43	155279	214.357	ug/l 98
26) 2,2-Dichloropropane	6.884	77	199917	46.842	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	139352	46.913	ug/l 99
28) Bromochloromethane	7.244	49	98842	48.848	ug/l 98
29) Tetrahydrofuran	7.262	42	103430	221.852	ug/l 98
30) Chloroform	7.421	83	231492	46.388	ug/l 94
31) Cyclohexane	7.701	56	196299	44.882	ug/l 95
32) 1,1,1-Trichloroethane	7.616	97	209951	46.549	ug/l 99
36) 1,1-Dichloropropene	7.835	75	169689	50.100	ug/l 99
37) Ethyl Acetate	6.982	43	71529	44.748	ug/l 98
38) Carbon Tetrachloride	7.817	117	192102	49.520	ug/l 98
39) Methylcyclohexane	9.110	83	204403	50.518	ug/l 97
40) Benzene	8.079	78	499841	49.278	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36866	43.428	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	137468	48.074	ug/l	100
43) Isopropyl Acetate	8.195	43	140563	46.402	ug/l	99
44) Trichloroethene	8.866	130	128424	49.692	ug/l	99
45) 1,2-Dichloropropane	9.140	63	118428	49.325	ug/l	98
46) Dibromomethane	9.231	93	66580	48.116	ug/l	97
47) Bromodichloromethane	9.420	83	175976	49.080	ug/l	97
48) Methyl methacrylate	9.219	41	67680	48.681	ug/l	98
49) 1,4-Dioxane	9.231	88	13592	916.931	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	380500	241.372	ug/l	99
52) Toluene	10.170	92	321091	50.737	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	156628	49.181	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	184020	48.979	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	86585	48.624	ug/l	99
56) Ethyl methacrylate	10.439	69	116496	51.235	ug/l	97
57) 1,3-Dichloropropane	10.719	76	151785	49.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	293090	264.232	ug/l	100
59) 2-Hexanone	10.762	43	255713	243.569	ug/l	100
60) Dibromochloromethane	10.914	129	123226	50.684	ug/l	100
61) 1,2-Dibromoethane	11.018	107	82662	49.485	ug/l	99
64) Tetrachloroethene	10.646	164	139676	49.667	ug/l	99
65) Chlorobenzene	11.444	112	343523	48.533	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	124267	49.482	ug/l	99
67) Ethyl Benzene	11.518	91	615700	50.727	ug/l	99
68) m/p-Xylenes	11.627	106	470149	101.155	ug/l	100
69) o-Xylene	11.957	106	217467	50.688	ug/l	99
70) Styrene	11.969	104	371495	51.933	ug/l	99
71) Bromoform	12.133	173	70273	49.056	ug/l #	99
73) Isopropylbenzene	12.255	105	584770	49.152	ug/l	100
74) N-amyl acetate	12.072	43	128883	46.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	94598	44.226	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	133217	83.901	ug/l #	100
77) Bromobenzene	12.536	156	135583	47.465	ug/l	98
78) n-propylbenzene	12.597	91	712013	49.780	ug/l	100
79) 2-Chlorotoluene	12.682	91	403179	48.532	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	480341	49.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30582	44.380	ug/l	95
82) 4-Chlorotoluene	12.780	91	420225	48.519	ug/l	100
83) tert-Butylbenzene	12.999	119	422284	48.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	480654	50.015	ug/l	100
85) sec-Butylbenzene	13.176	105	628096	49.626	ug/l	100
86) p-Isopropyltoluene	13.292	119	527940	50.469	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	269775	47.936	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	264990	47.658	ug/l	99
89) n-Butylbenzene	13.621	91	487055	50.346	ug/l	100
90) Hexachloroethane	13.883	117	110054	48.010	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	236937	48.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14822	44.709	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	131155	49.367	ug/l	99
94) Hexachlorobutadiene	15.023	225	80970	48.800	ug/l	99
95) Naphthalene	15.145	128	214835	48.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	112664	49.730	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

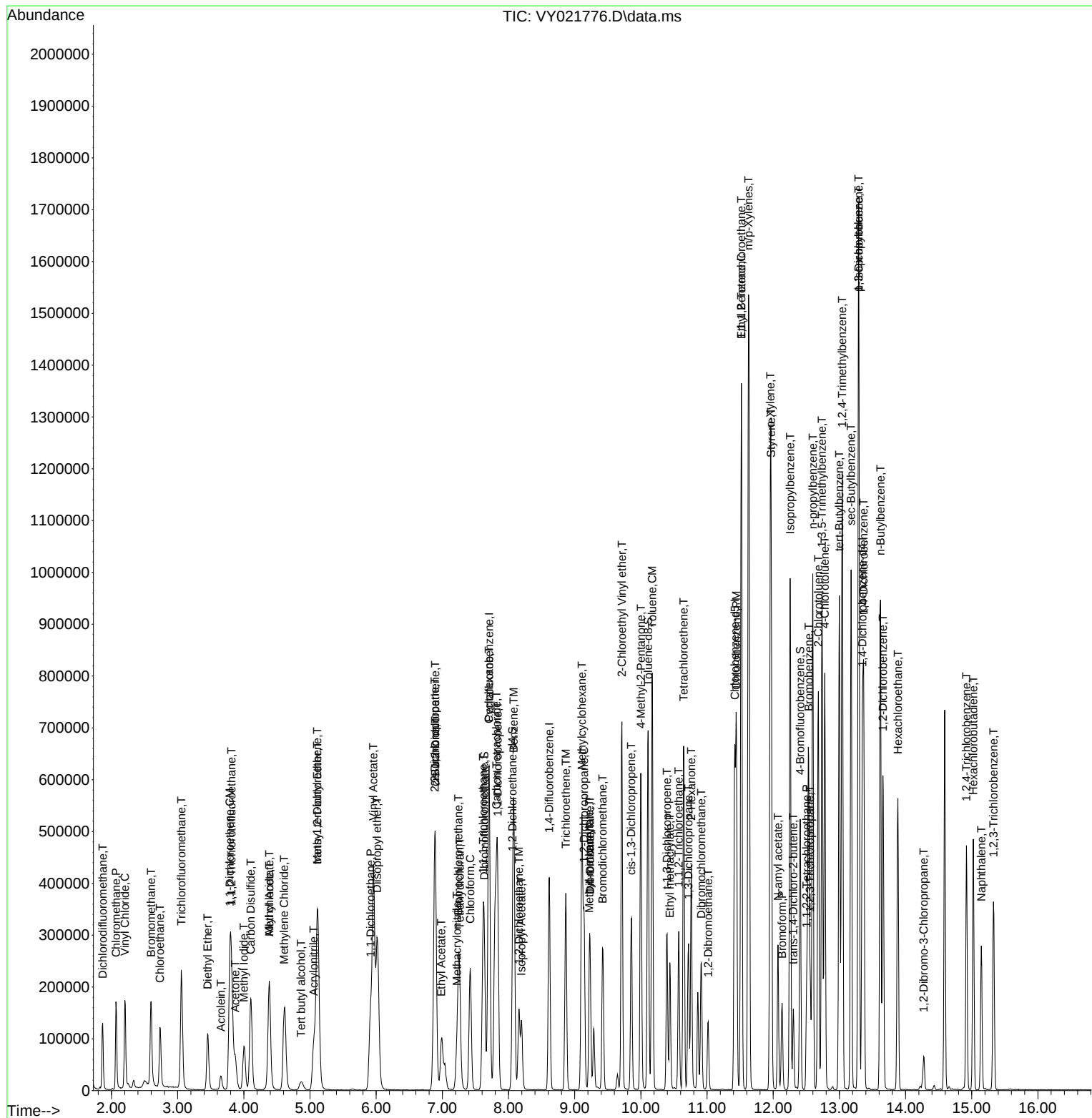
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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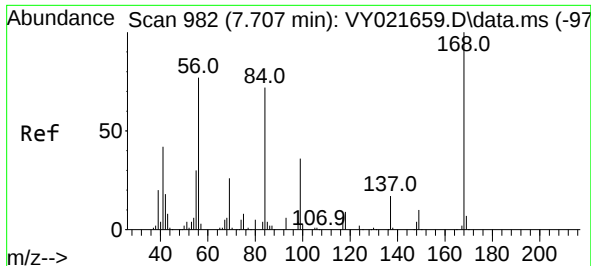
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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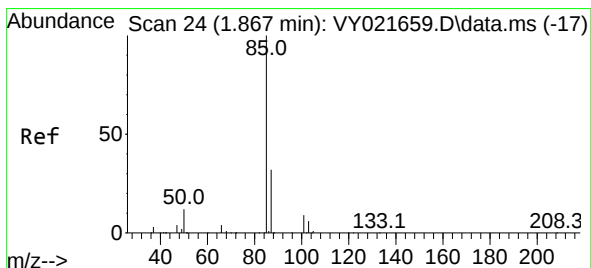
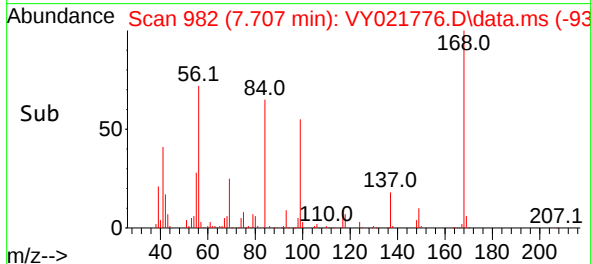
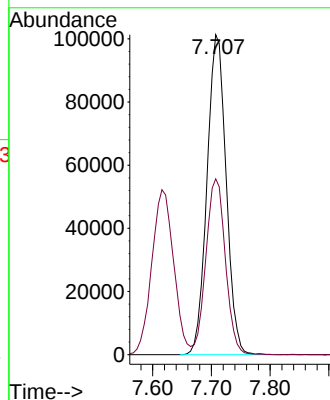
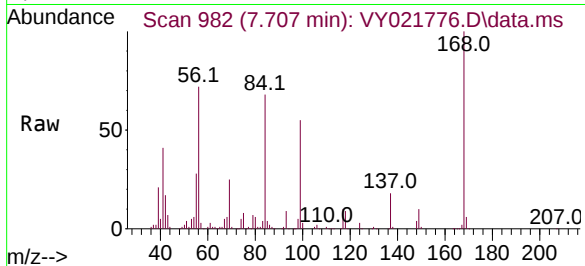




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021776.D
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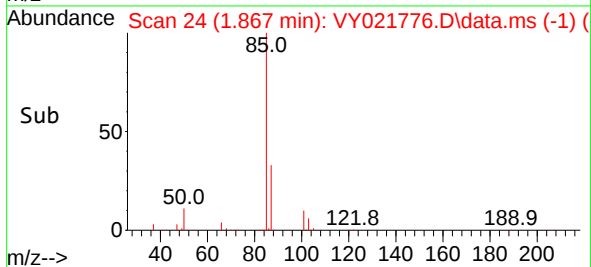
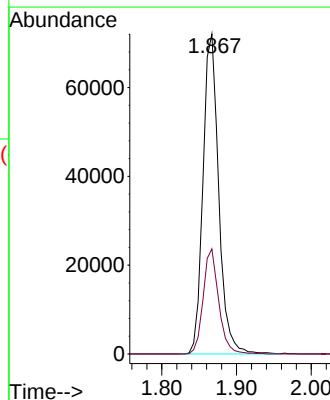
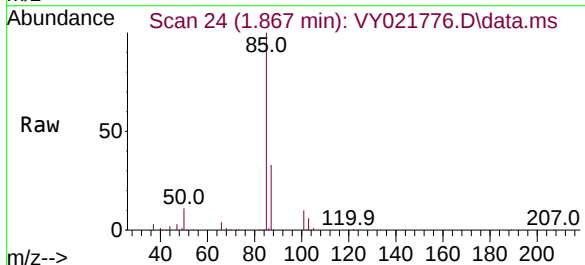
Instrument :
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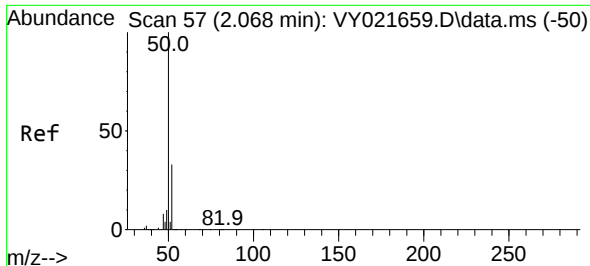
Tgt Ion:168 Resp: 228718
Ion Ratio Lower Upper
168 100
99 55.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 44.355 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 85 Resp: 105148
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6

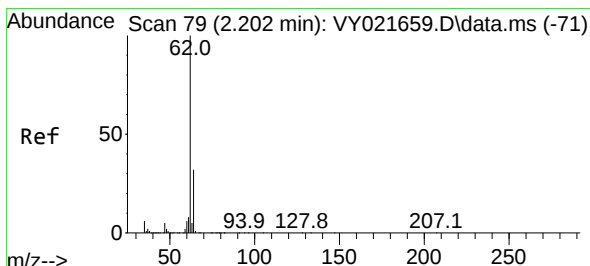
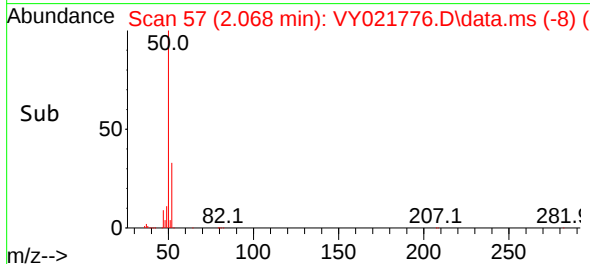
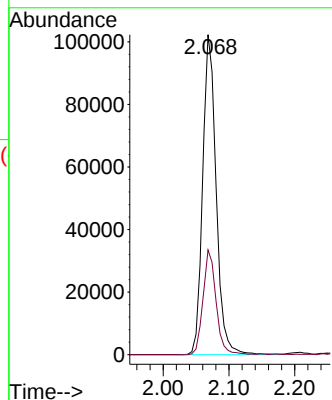
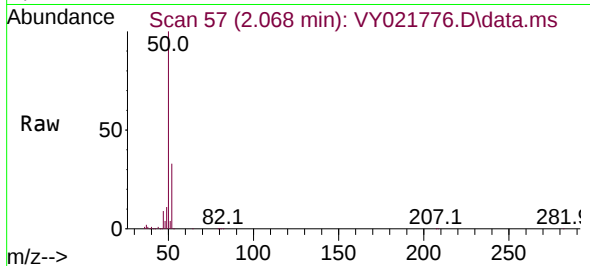




#3
Chloromethane
Concen: 43.781 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

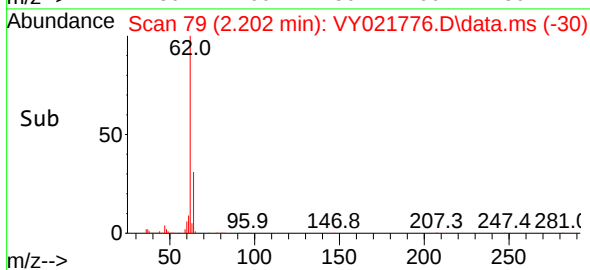
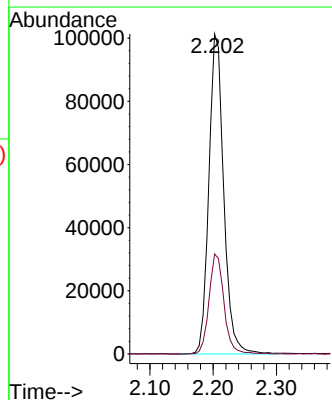
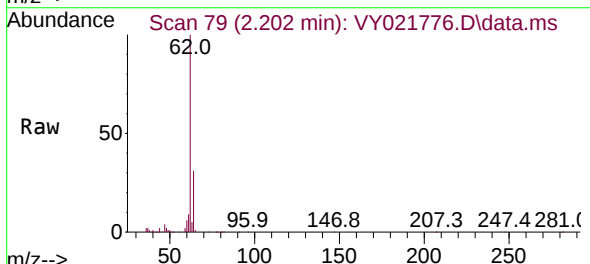
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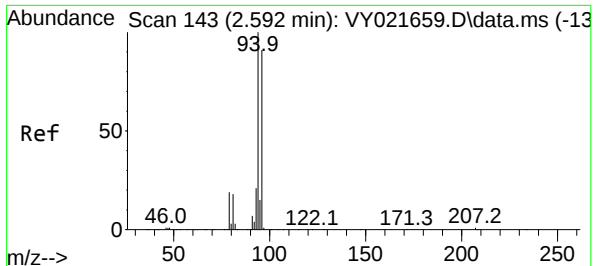
Tgt Ion: 50 Resp: 145939
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 43.939 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 62 Resp: 165639
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3

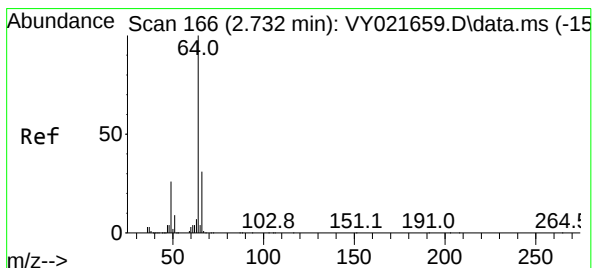
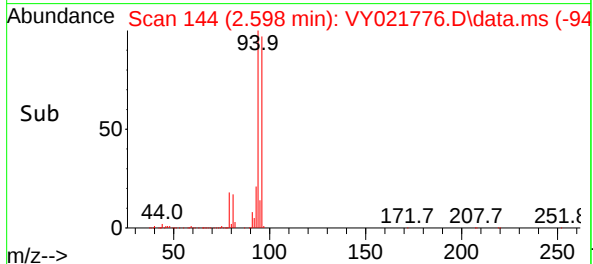
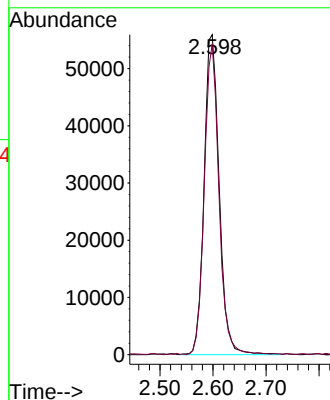
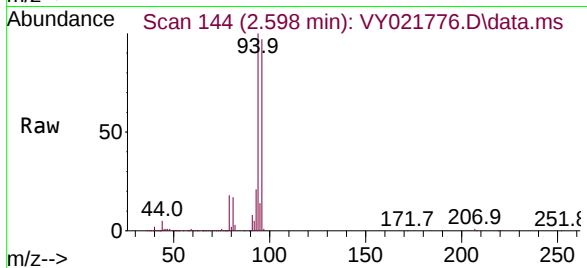




#5
Bromomethane
Concen: 42.973 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021776.D
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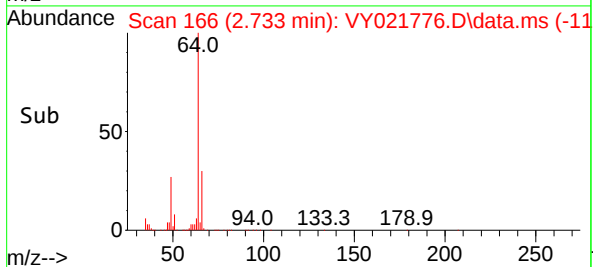
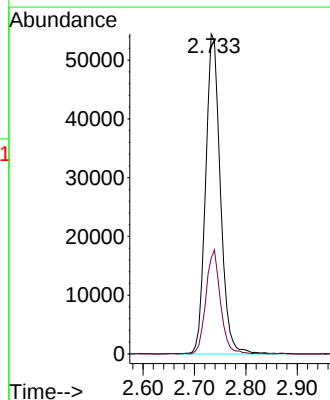
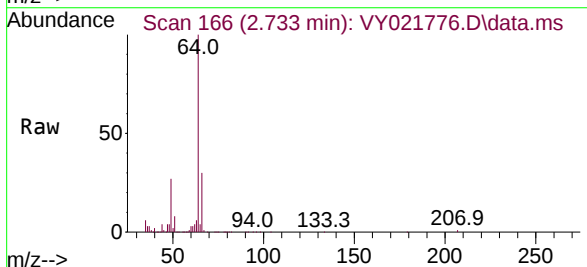
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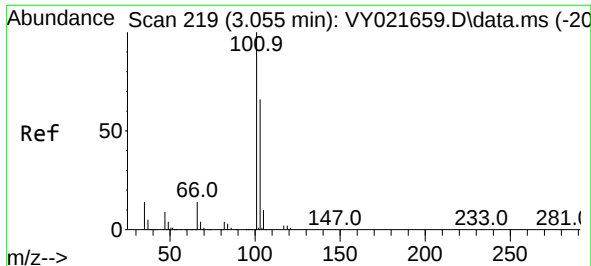
Tgt Ion: 94 Resp: 110489
Ion Ratio Lower Upper
94 100
96 97.0 72.8 109.2



#6
Chloroethane
Concen: 44.025 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021776.D
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Tgt Ion: 64 Resp: 108599
Ion Ratio Lower Upper
64 100
66 29.9 24.9 37.3

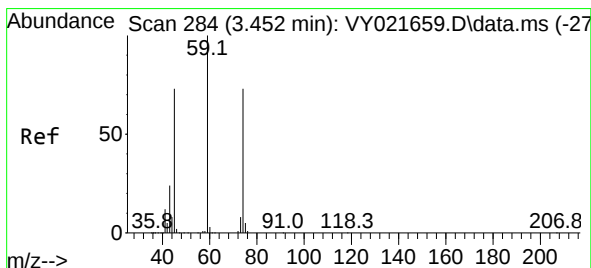
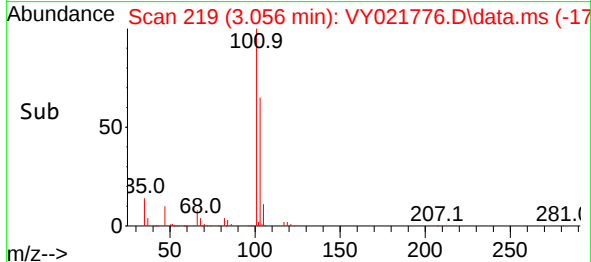
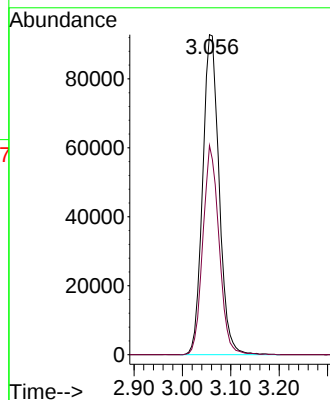
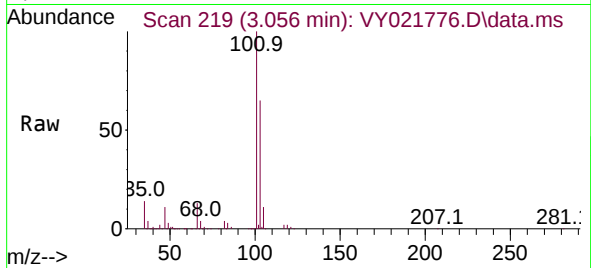




#7
 Trichlorofluoromethane
 Concen: 45.429 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

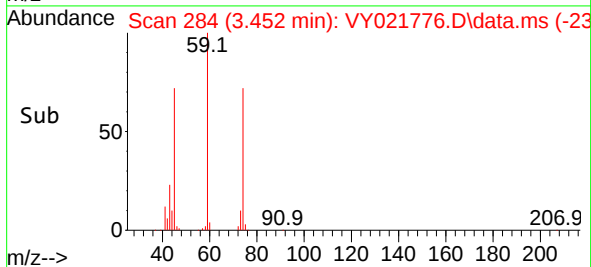
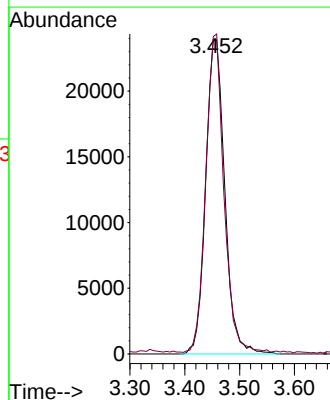
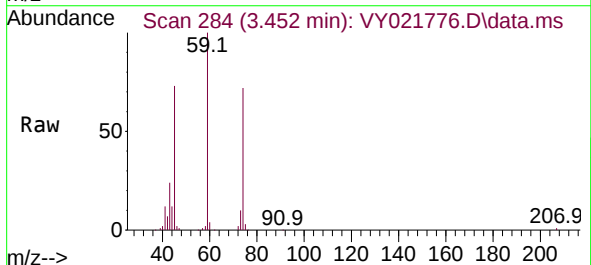
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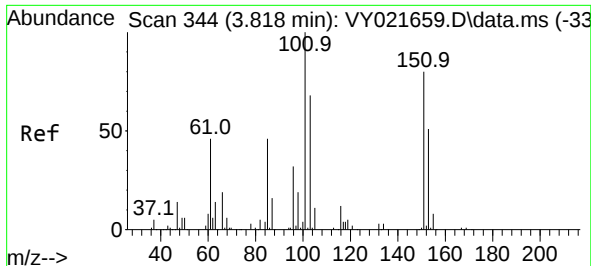
Tgt Ion:101 Resp: 219380
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 43.889 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021776.D
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Tgt Ion: 74 Resp: 57638
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.6 145.8

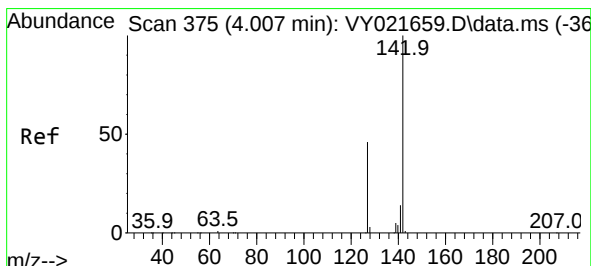
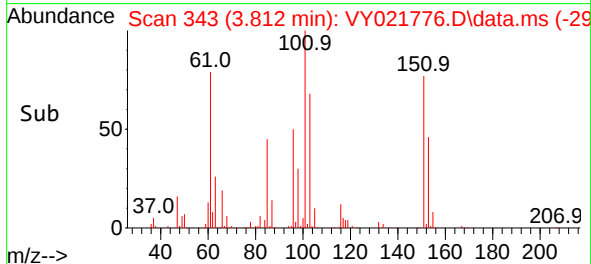
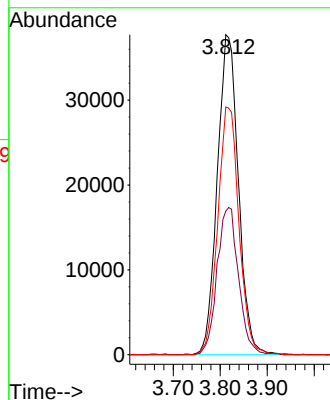
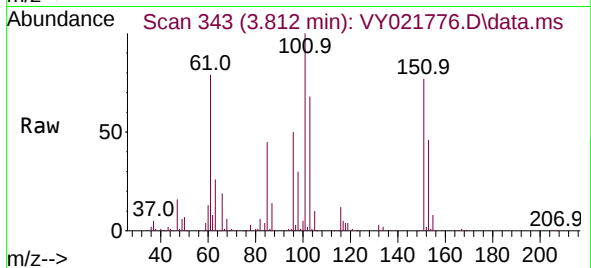




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.234 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

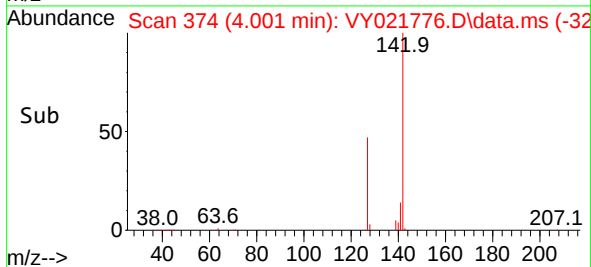
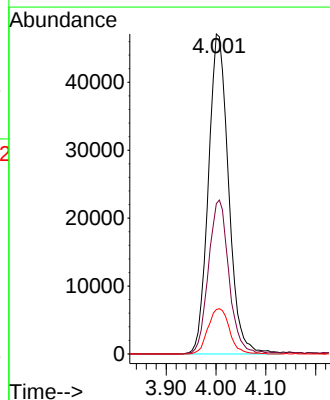
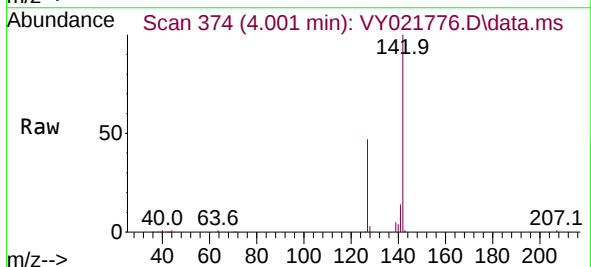
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

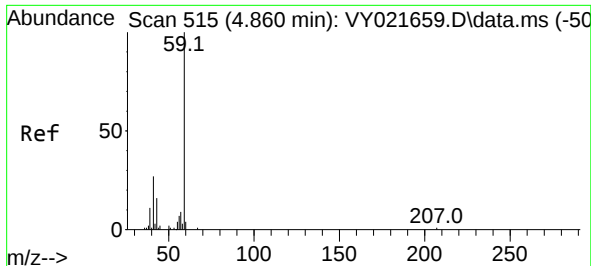
Tgt Ion:101 Resp: 117758
Ion Ratio Lower Upper
101 100
85 46.8 36.3 54.5
151 77.8 61.3 91.9



#10
Methyl Iodide
Concen: 47.511 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion:142 Resp: 132756
Ion Ratio Lower Upper
142 100
127 48.5 38.7 58.1
141 15.0 11.5 17.3

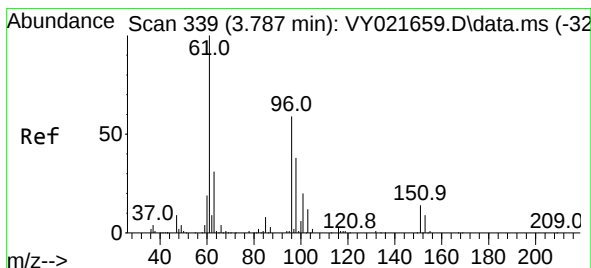
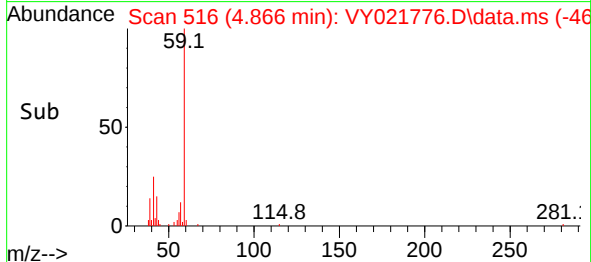
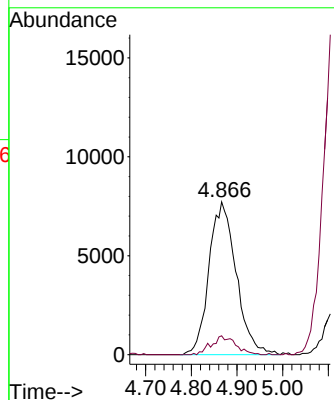
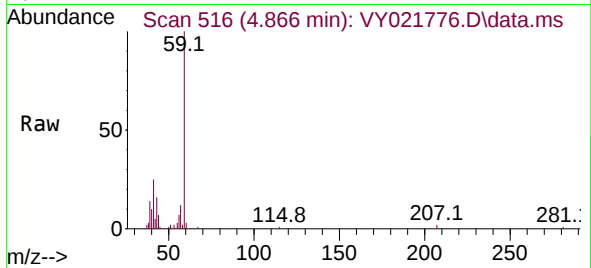




#11
Tert butyl alcohol
Concen: 198.281 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

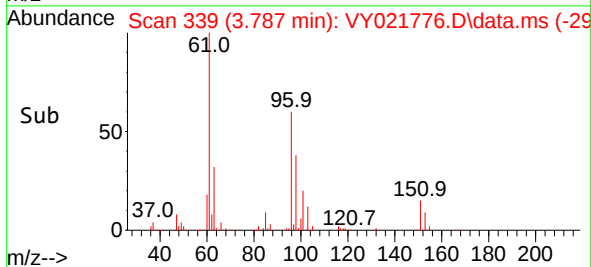
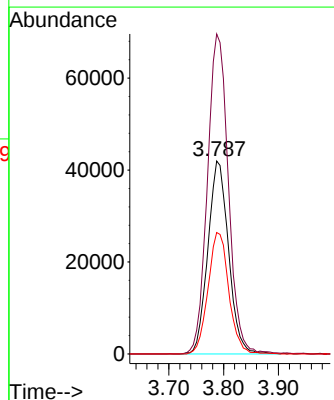
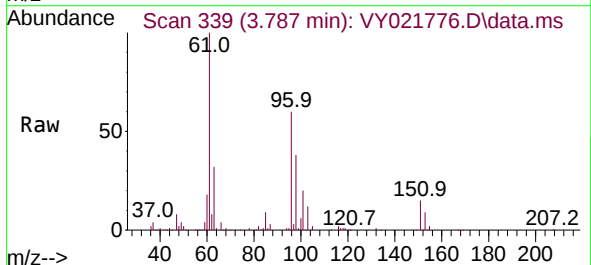
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

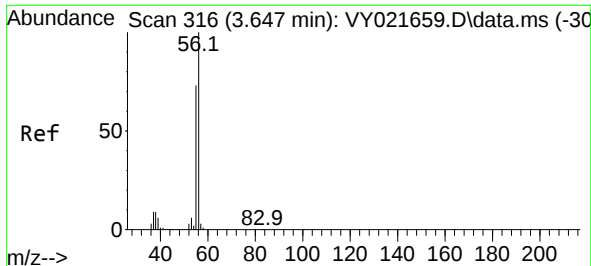
Tgt Ion: 59 Resp: 31915
Ion Ratio Lower Upper
59 100
57 10.9 9.2 13.8



#12
1,1-Dichloroethene
Concen: 45.826 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 96 Resp: 109939
Ion Ratio Lower Upper
96 100
61 165.9 136.6 204.8
98 63.0 52.3 78.5





#13

Acrolein

Concen: 108.084 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

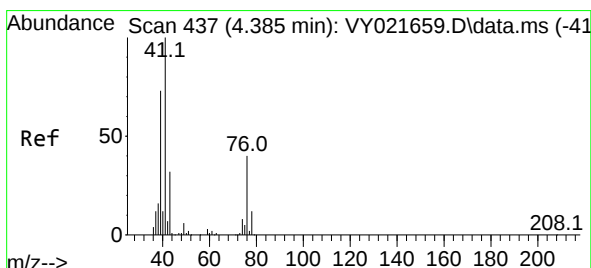
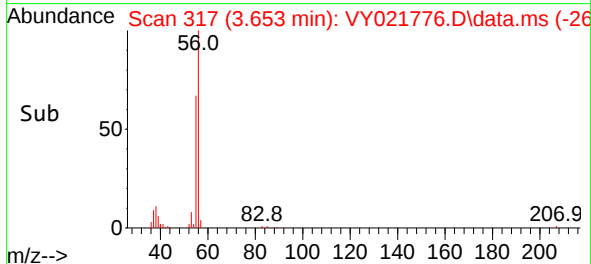
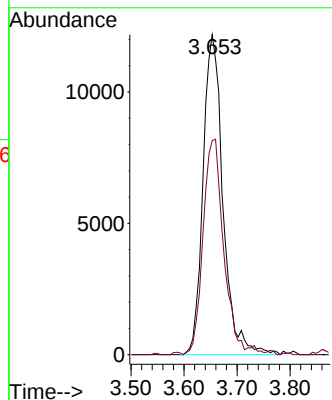
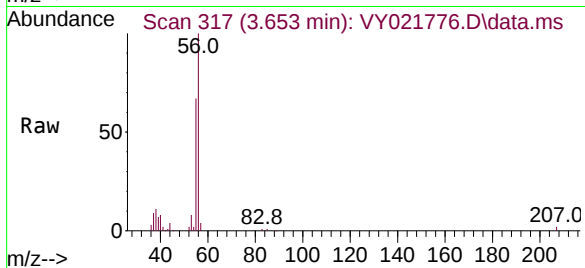
VSTDCCC050

Tgt Ion: 56 Resp: 31766

Ion Ratio Lower Upper

56 100

55 69.4 56.6 85.0



#14

Allyl chloride

Concen: 45.628 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

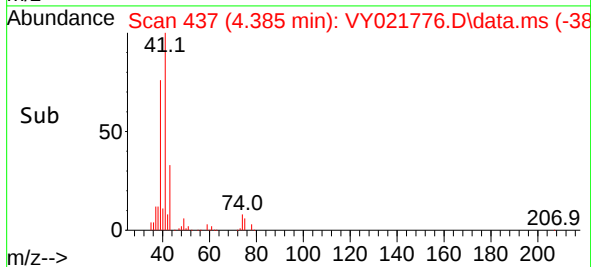
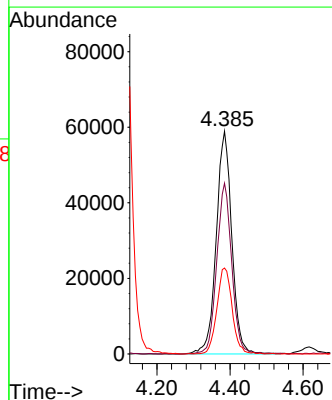
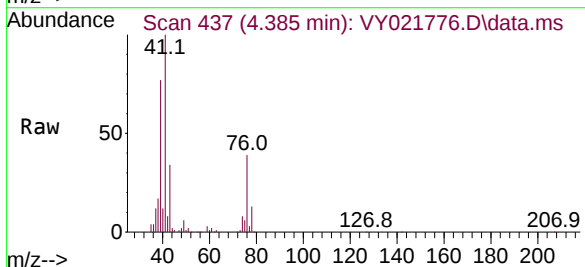
Tgt Ion: 41 Resp: 174528

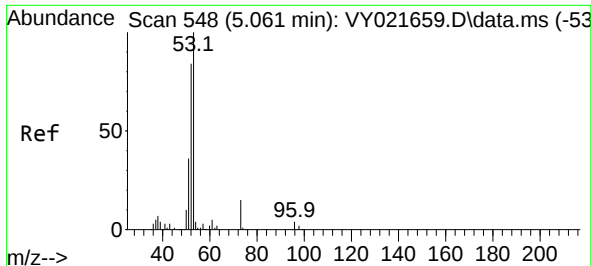
Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

76 37.8 30.3 45.5

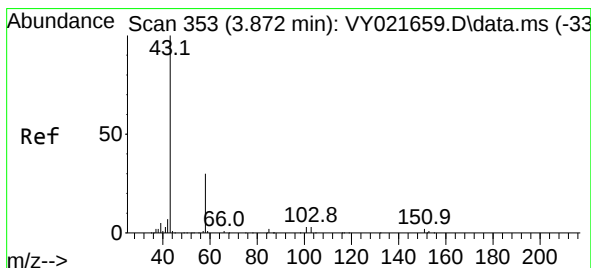
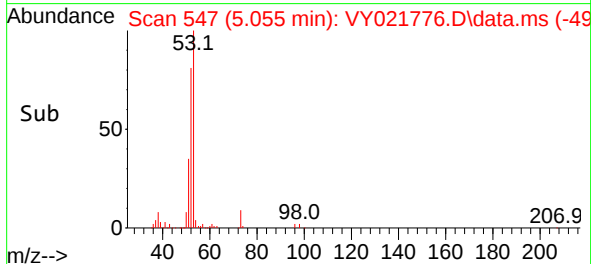
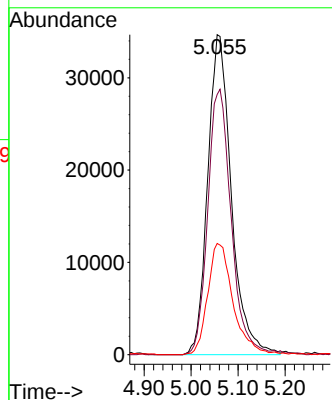
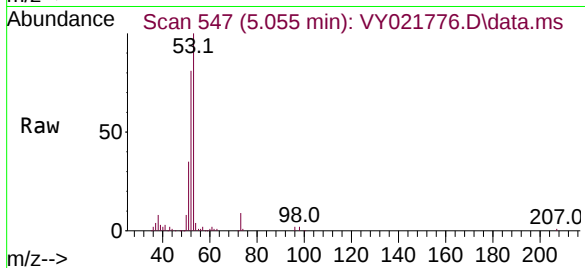




#15
Acrylonitrile
Concen: 220.642 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

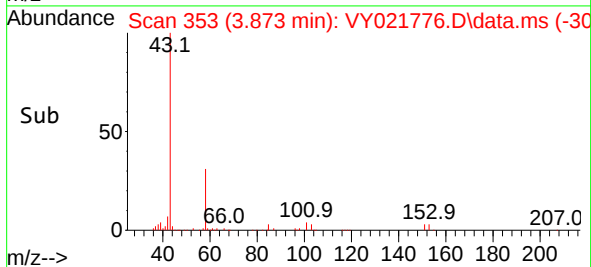
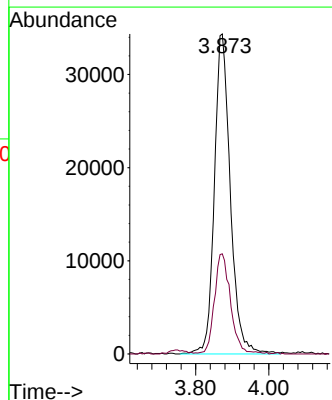
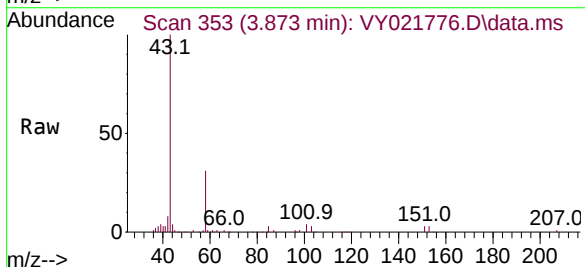
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

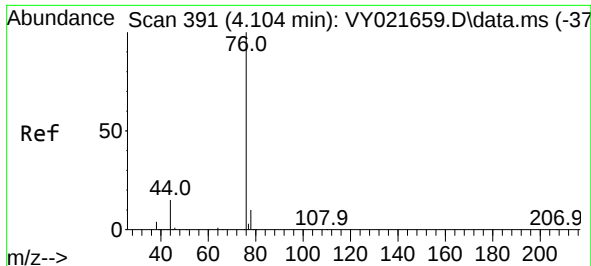
Tgt Ion: 53 Resp: 120986
Ion Ratio Lower Upper
53 100
52 82.7 64.9 97.3
51 37.4 30.2 45.2



#16
Acetone
Concen: 205.322 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 43 Resp: 104133
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4

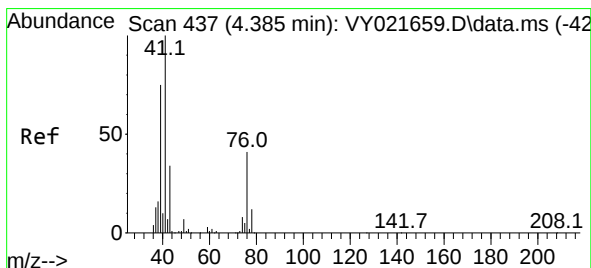
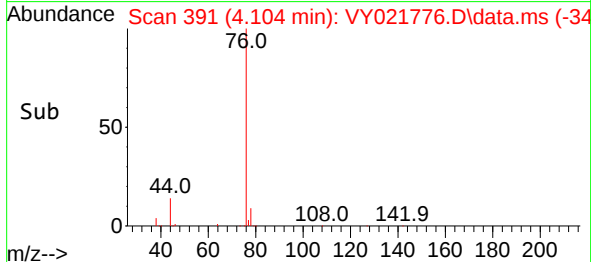
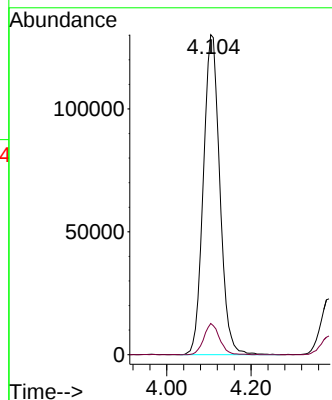
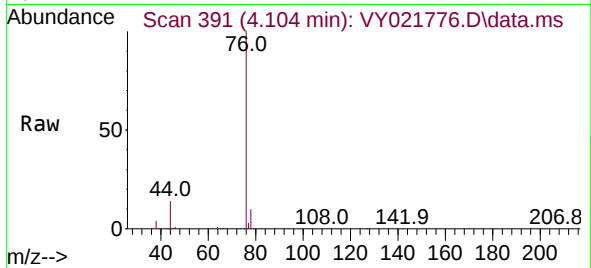




#17
Carbon Disulfide
Concen: 44.833 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

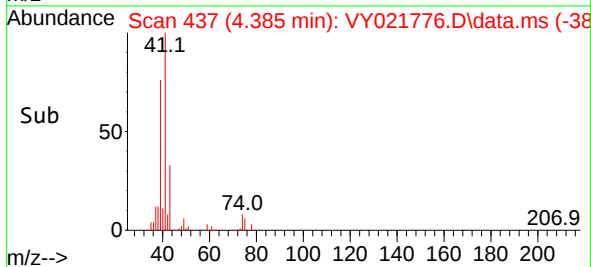
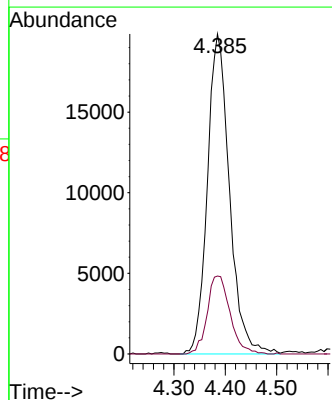
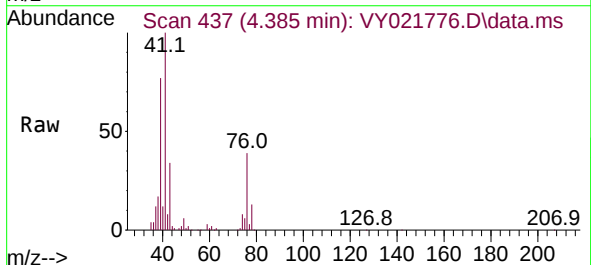
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

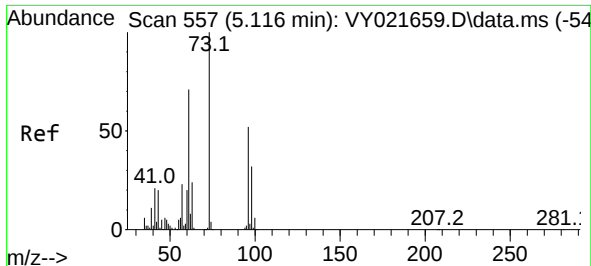
Tgt Ion: 76 Resp: 354255
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4



#18
Methyl Acetate
Concen: 47.090 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 43 Resp: 59191
Ion Ratio Lower Upper
43 100
74 25.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 46.078 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

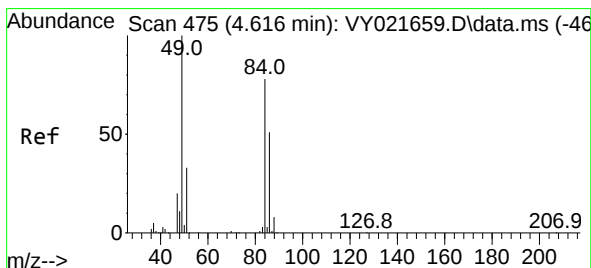
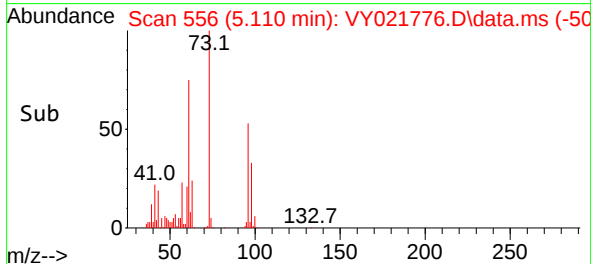
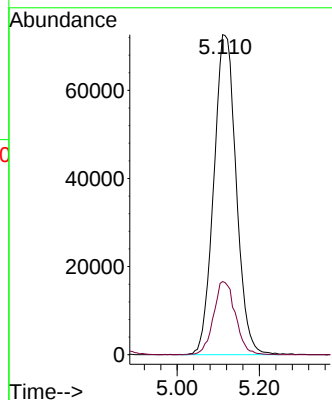
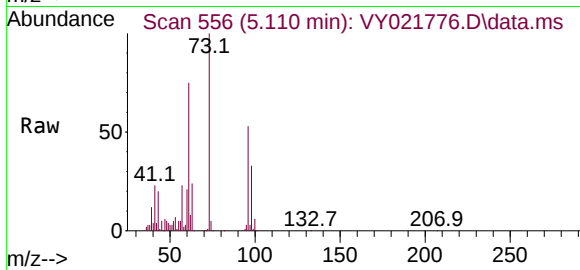
VSTDCCC050

Tgt Ion: 73 Resp: 275214

Ion Ratio Lower Upper

73 100

57 22.9 18.1 27.1



#20

Methylene Chloride

Concen: 47.558 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion: 84 Resp: 118494

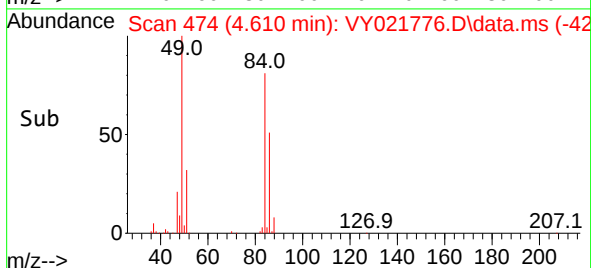
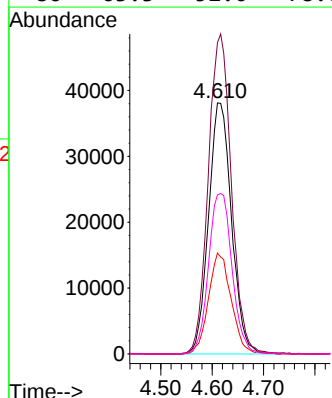
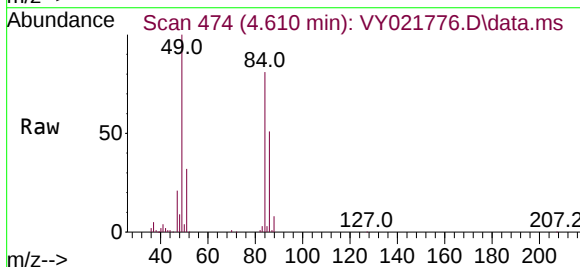
Ion Ratio Lower Upper

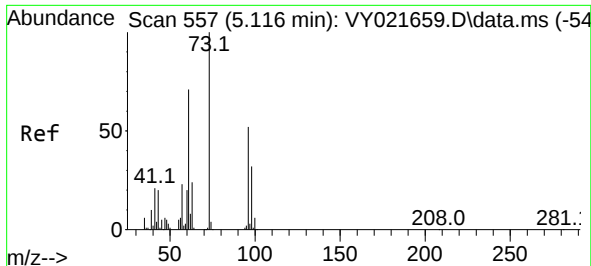
84 100

49 124.0 102.8 154.2

51 40.2 33.5 50.3

86 63.3 52.0 78.0

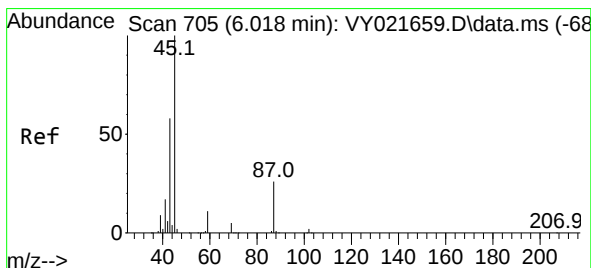
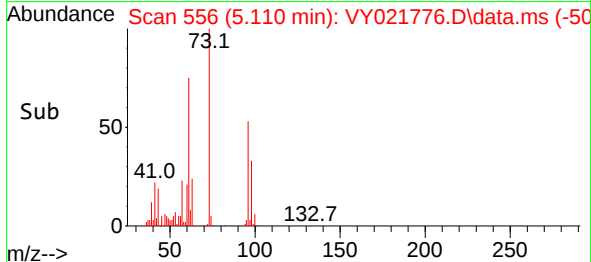
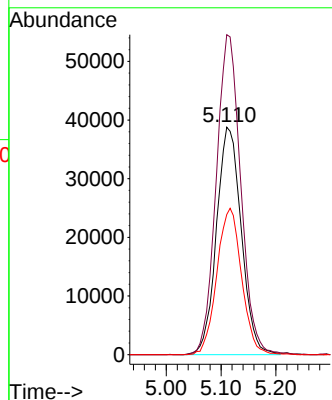
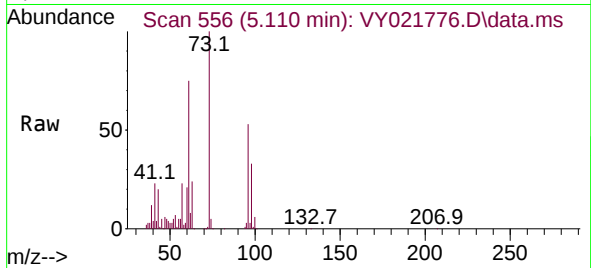




#21
trans-1,2-Dichloroethene
Concen: 46.214 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

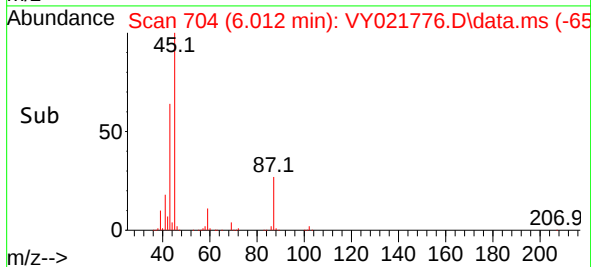
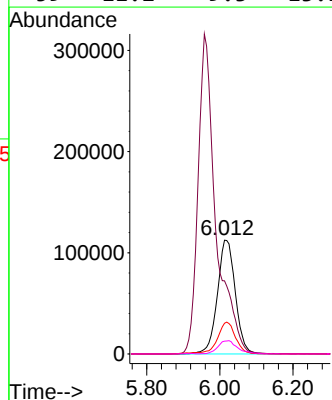
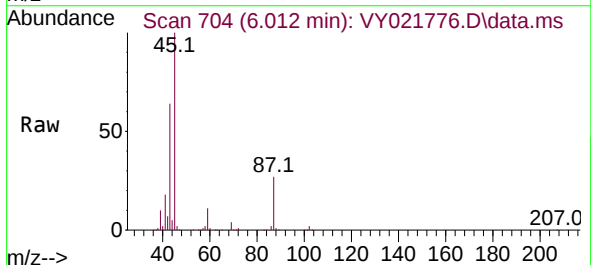
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

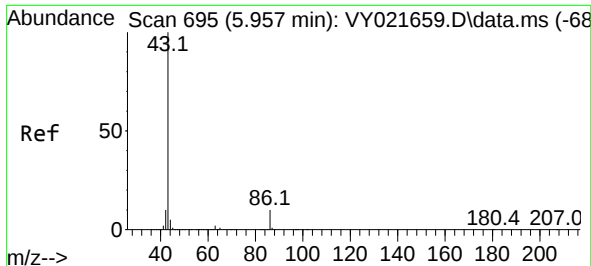
Tgt Ion: 96 Resp: 122071
Ion Ratio Lower Upper
96 100
61 140.7 109.4 164.0
98 61.6 50.2 75.2



#22
Diisopropyl ether
Concen: 47.921 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 45 Resp: 384515
Ion Ratio Lower Upper
45 100
43 64.0 46.6 69.8
87 27.0 20.7 31.1
59 11.2 9.3 13.9

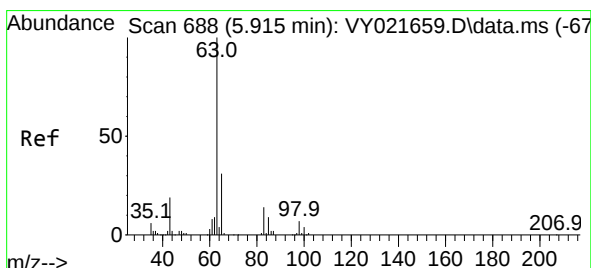
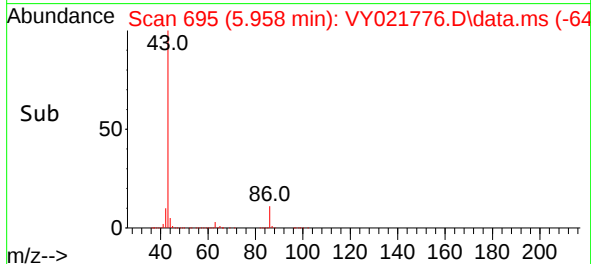
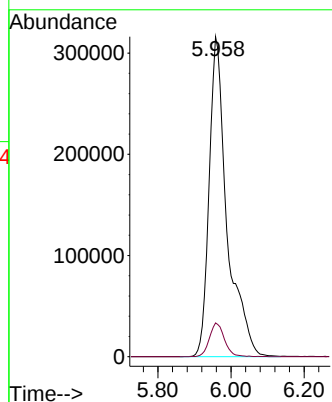
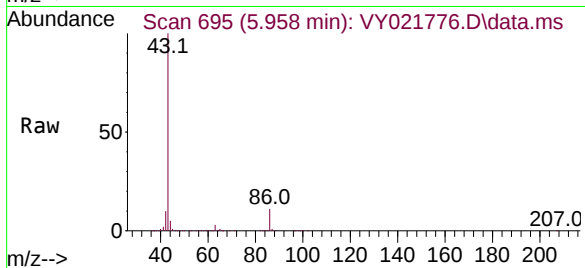




#23
 Vinyl Acetate
 Concen: 228.612 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

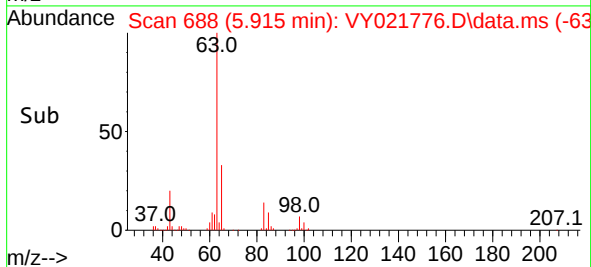
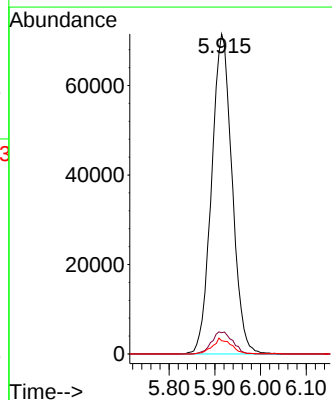
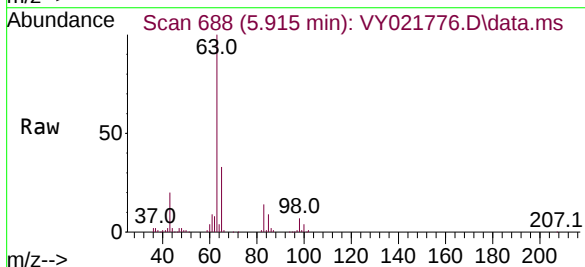
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

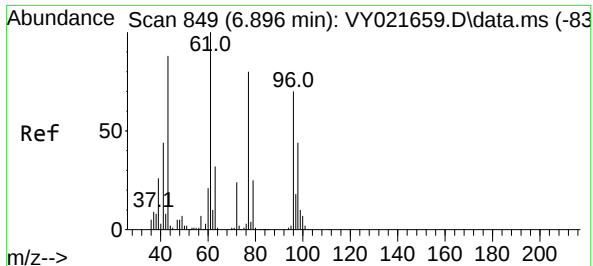
Tgt Ion: 43 Resp: 1073117
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 46.472 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

Tgt Ion: 63 Resp: 222969
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.1 2.2 6.6

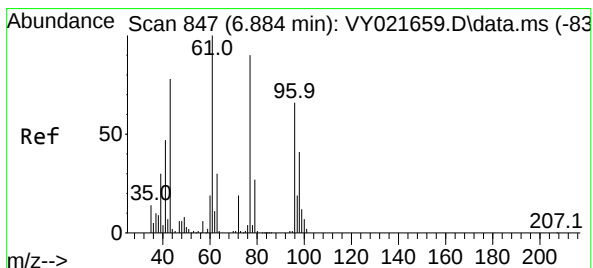
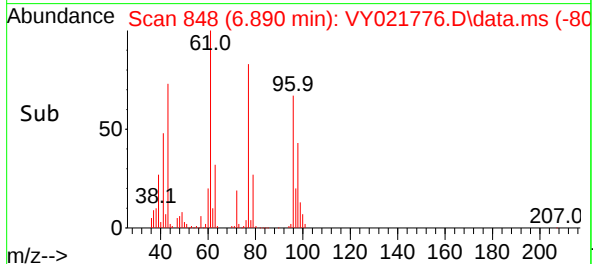
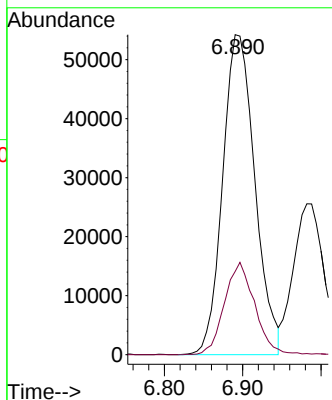
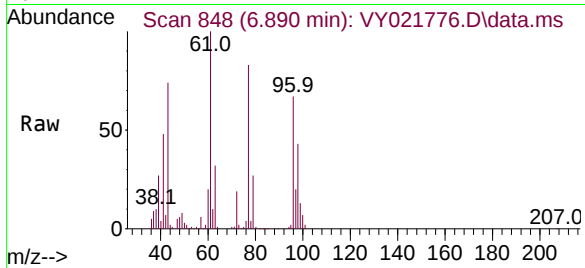




#25
2-Butanone
Concen: 214.357 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

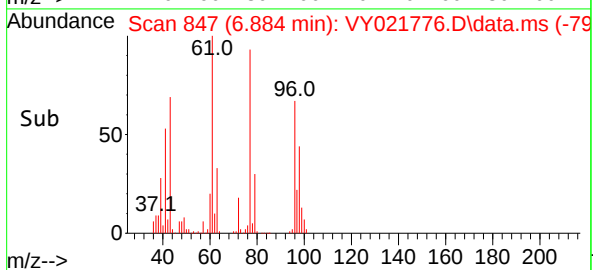
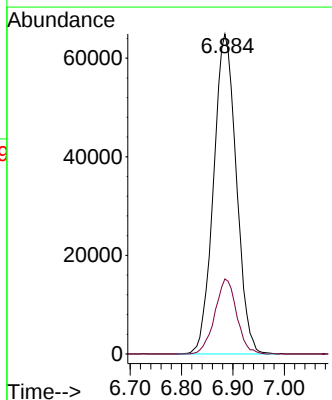
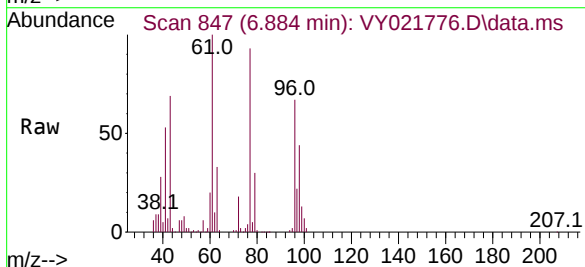
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 155279
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.842 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 77 Resp: 199917
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 46.913 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

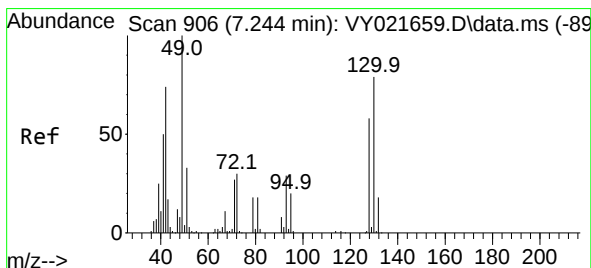
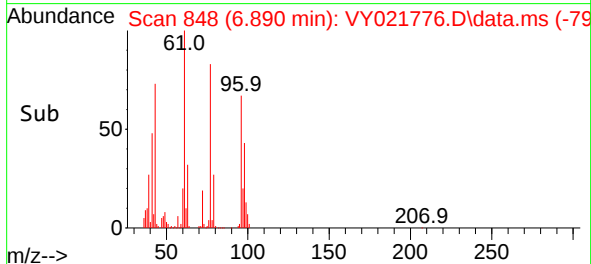
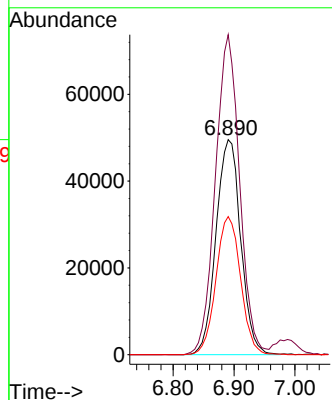
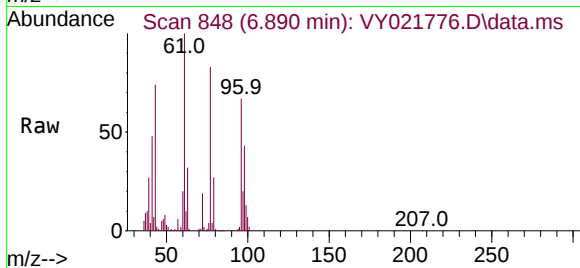
Tgt Ion: 96 Resp: 139352

Ion Ratio Lower Upper

96 100

61 146.2 0.0 296.4

98 64.1 0.0 128.0



#28

Bromochloromethane

Concen: 48.848 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

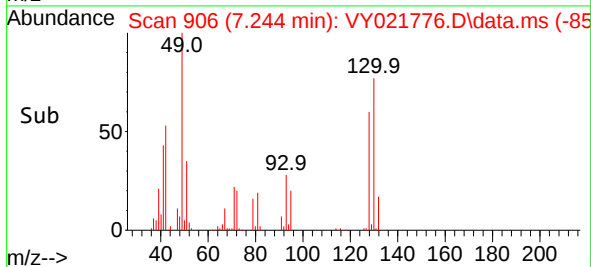
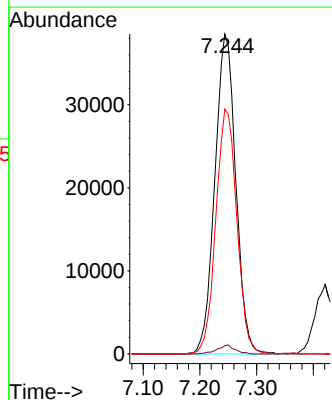
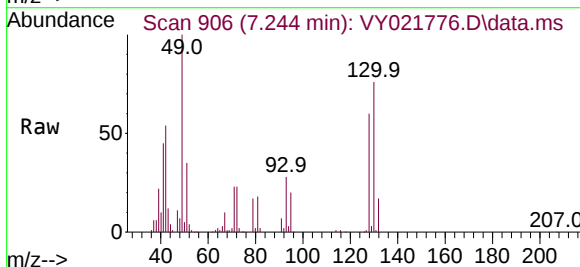
Tgt Ion: 49 Resp: 98842

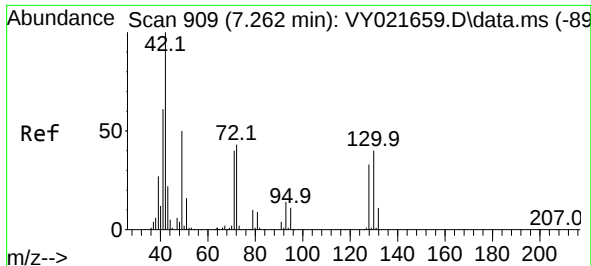
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 76.6 60.1 90.1





#29

Tetrahydrofuran

Concen: 221.852 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

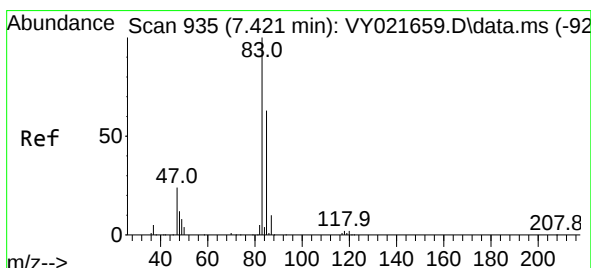
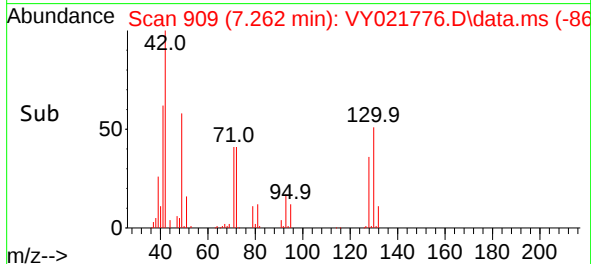
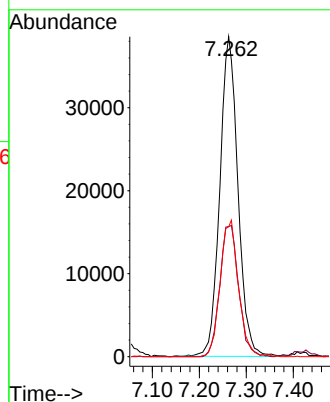
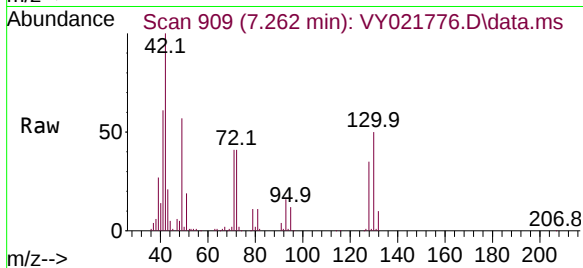
Tgt Ion: 42 Resp: 103430

Ion Ratio Lower Upper

42 100

72 42.7 34.6 52.0

71 42.9 32.5 48.7



#30

Chloroform

Concen: 46.388 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021776.D

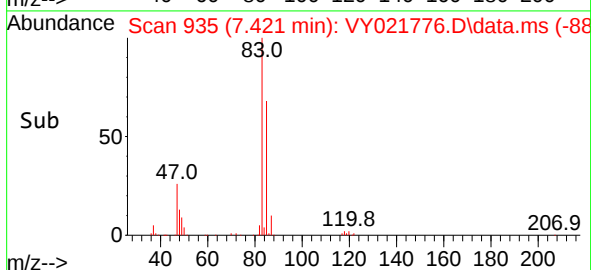
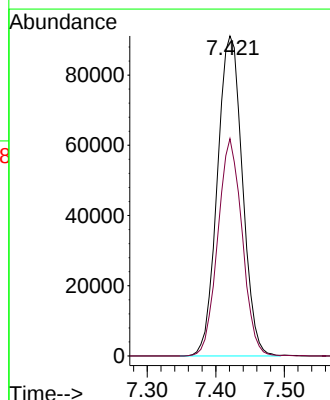
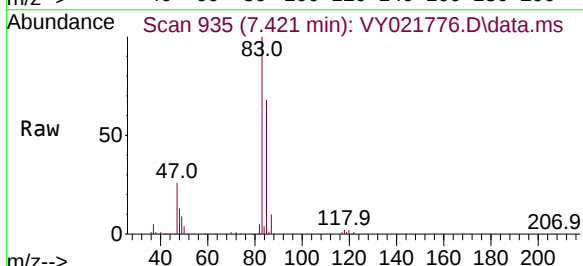
Acq: 04 Apr 2025 09:22

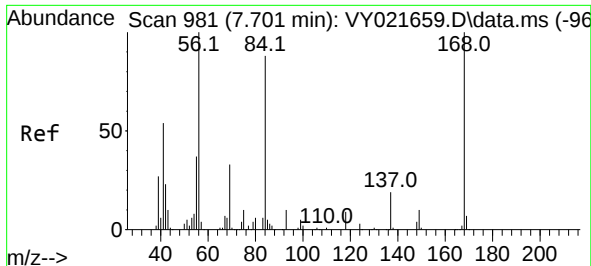
Tgt Ion: 83 Resp: 231492

Ion Ratio Lower Upper

83 100

85 67.9 50.6 75.8

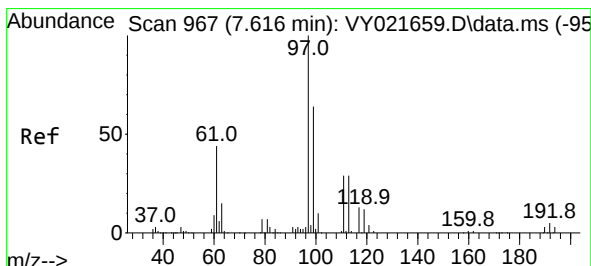
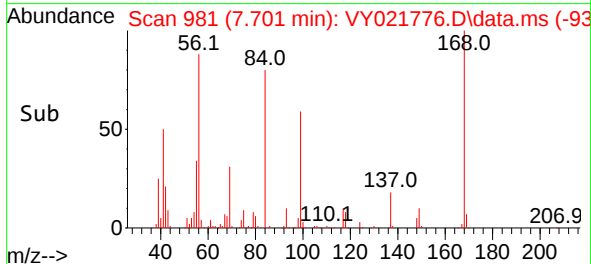
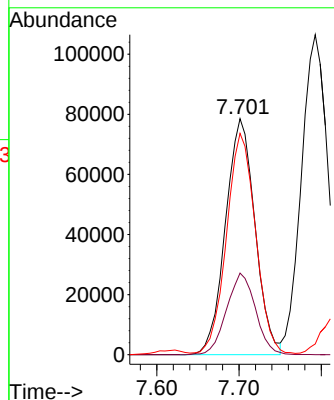
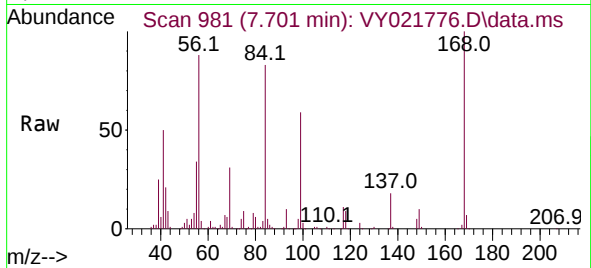




#31
Cyclohexane
Concen: 44.882 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

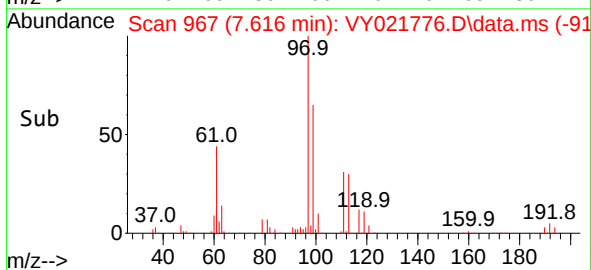
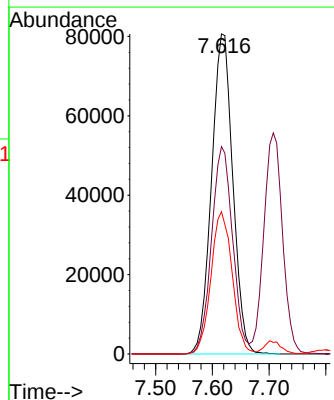
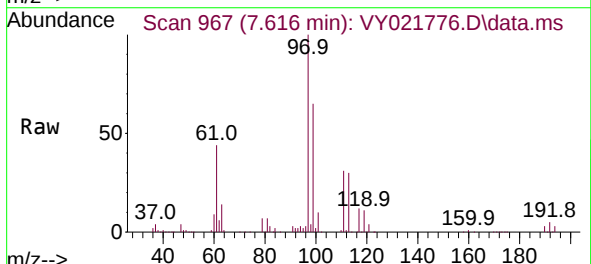
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

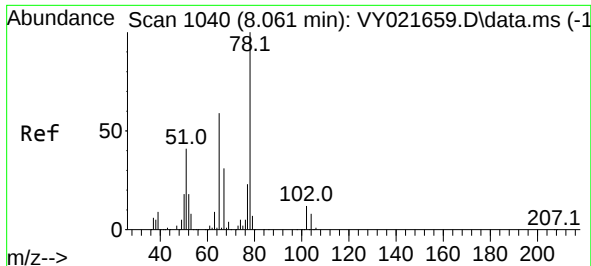
Tgt Ion: 56 Resp: 196299
Ion Ratio Lower Upper
56 100
69 34.6 26.6 40.0
84 92.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 46.549 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 97 Resp: 209951
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 44.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.189 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

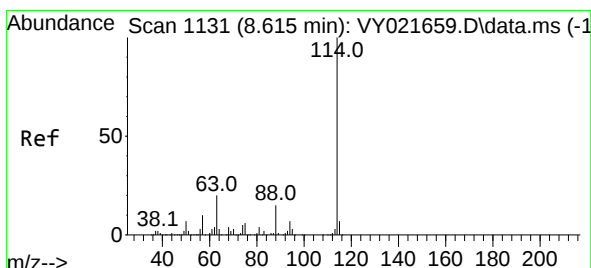
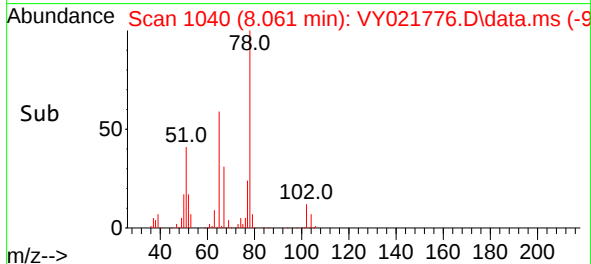
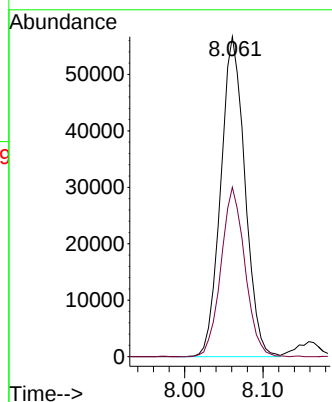
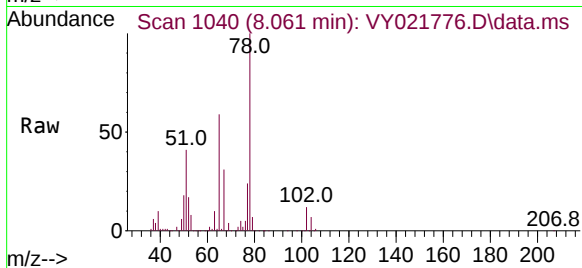
VSTDCCC050

Tgt Ion: 65 Resp: 121896

Ion Ratio Lower Upper

65 100

67 52.3 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: VY021776.D

Acq: 04 Apr 2025 09:22

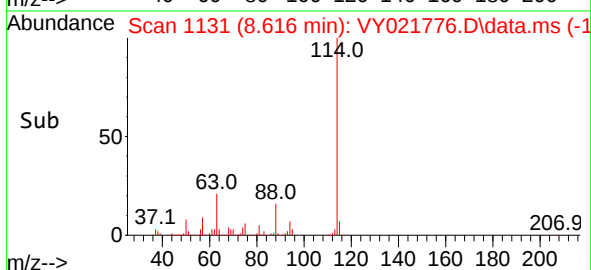
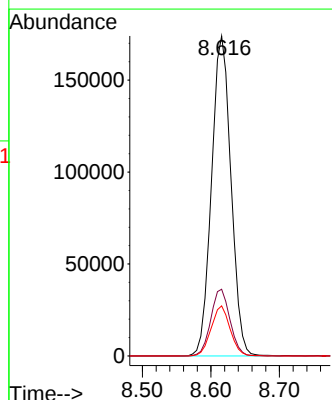
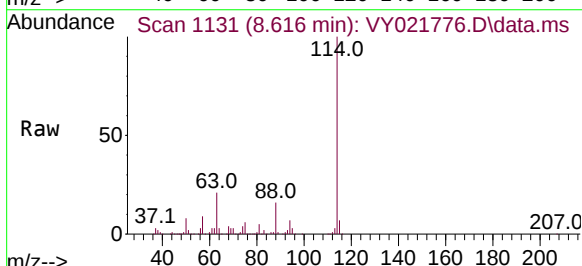
Tgt Ion: 114 Resp: 342799

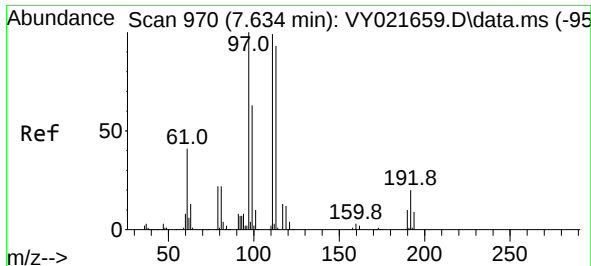
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.7 0.0 29.8

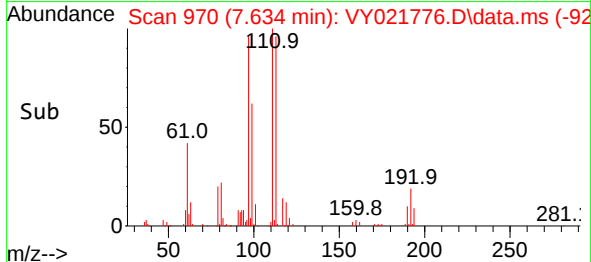
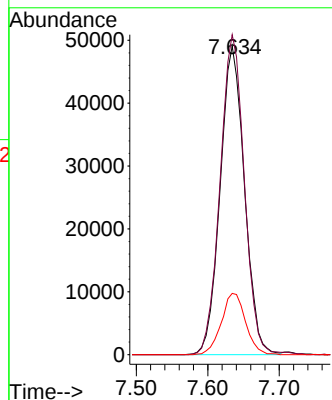
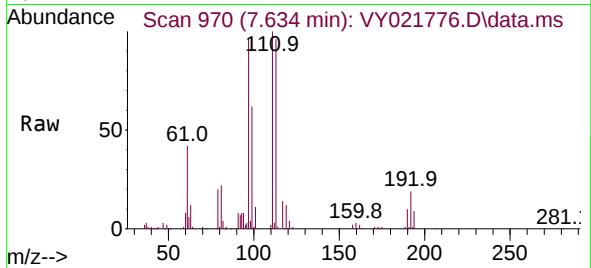




#35
Dibromofluoromethane
Concen: 51.952 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

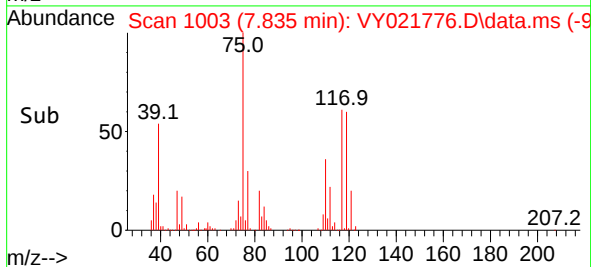
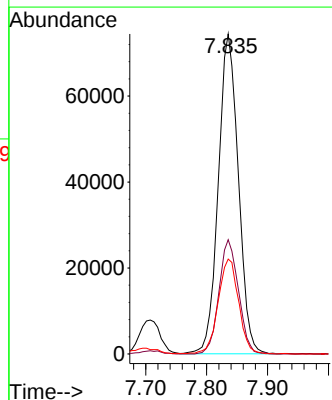
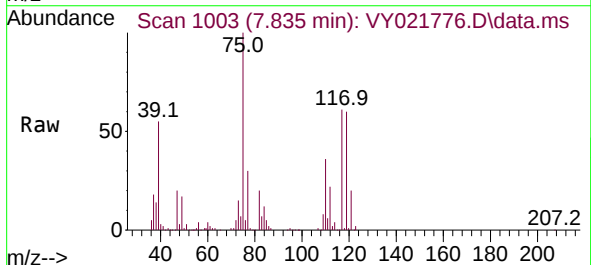
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

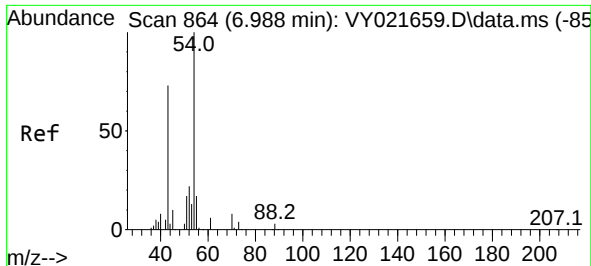
Tgt Ion:113 Resp: 115525
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.100 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 75 Resp: 169689
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 30.4 24.8 37.2

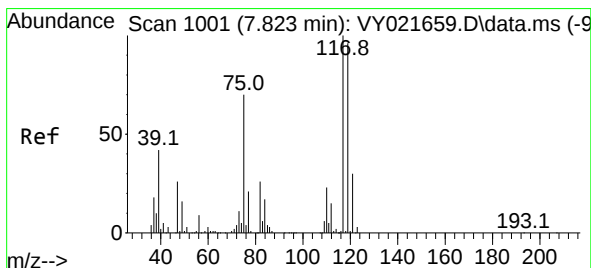
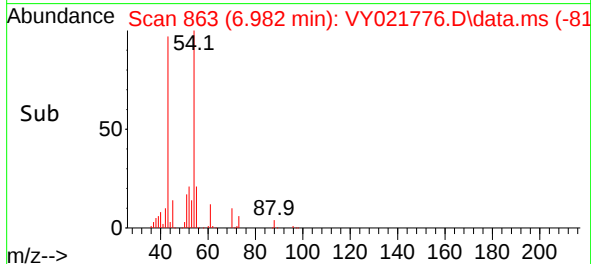
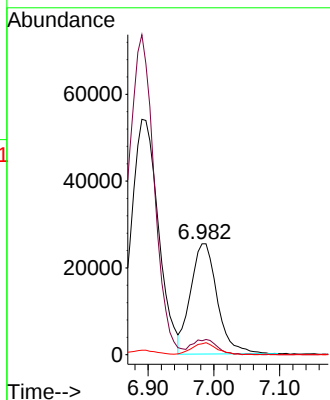
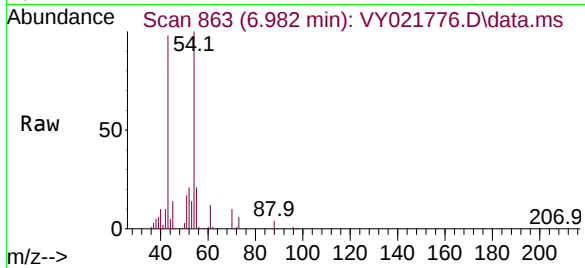




#37
Ethyl Acetate
Concen: 44.748 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

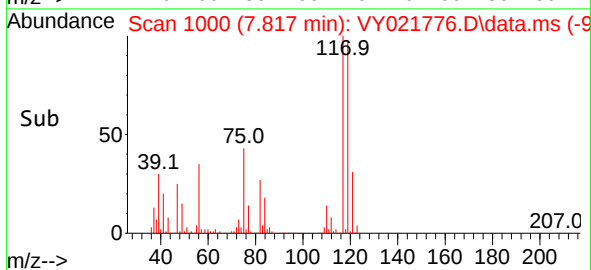
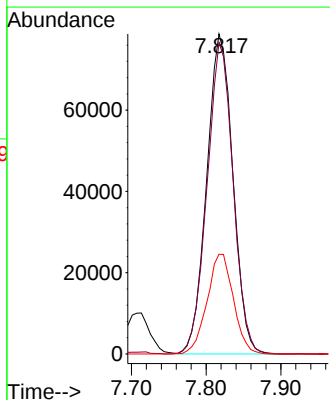
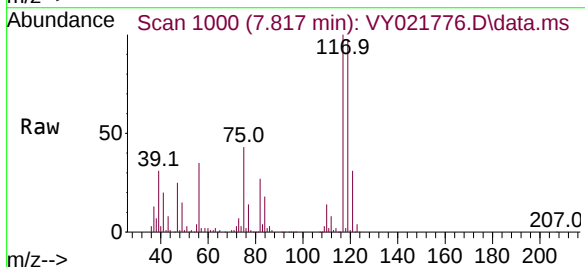
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

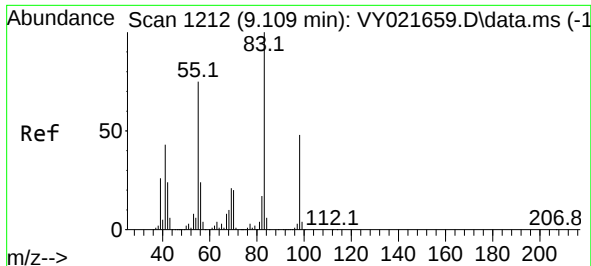
Tgt Ion: 43 Resp: 71529
Ion Ratio Lower Upper
43 100
61 12.2 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.520 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 117 Resp: 192102
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.4
121 31.1 24.2 36.4





#39

Methylcyclohexane

Concen: 50.518 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

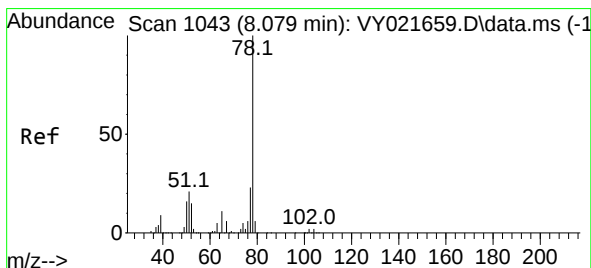
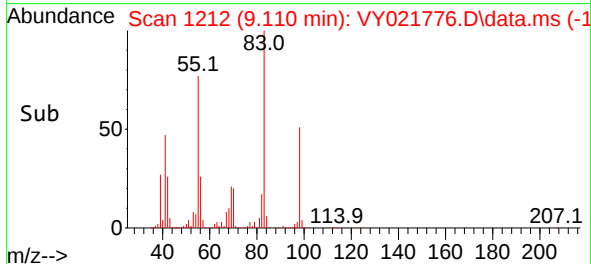
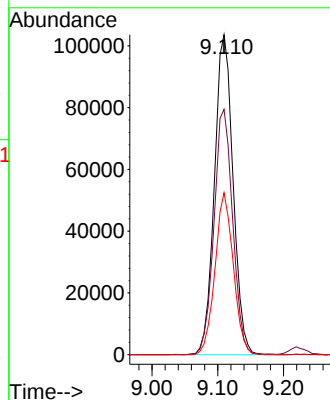
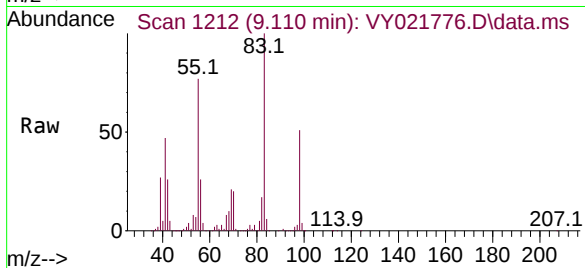
Tgt Ion: 83 Resp: 204403

Ion Ratio Lower Upper

83 100

55 76.6 59.7 89.5

98 50.6 38.3 57.5



#40

Benzene

Concen: 49.278 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021776.D

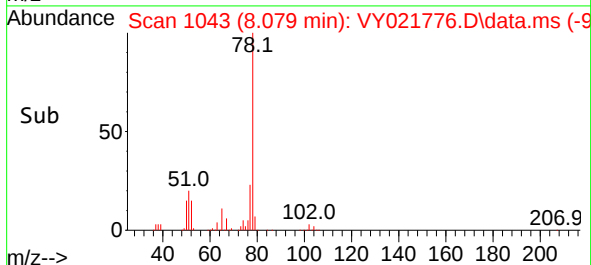
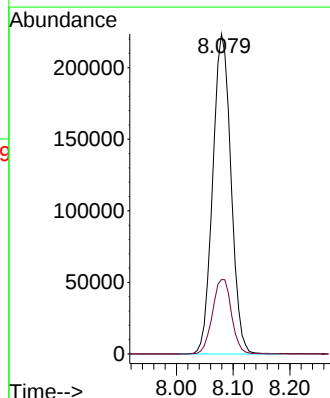
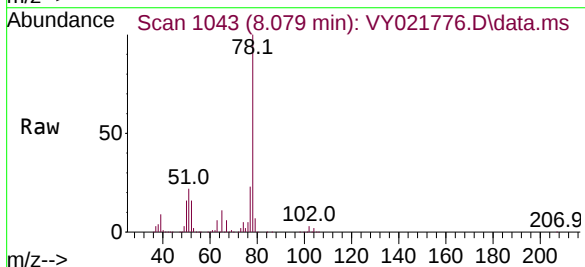
Acq: 04 Apr 2025 09:22

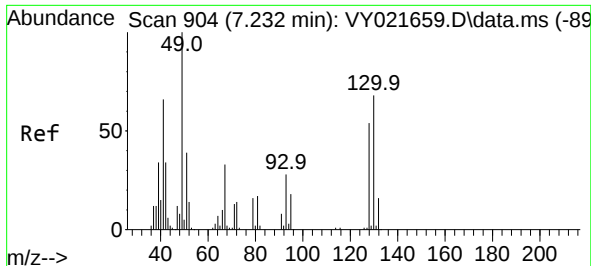
Tgt Ion: 78 Resp: 499841

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

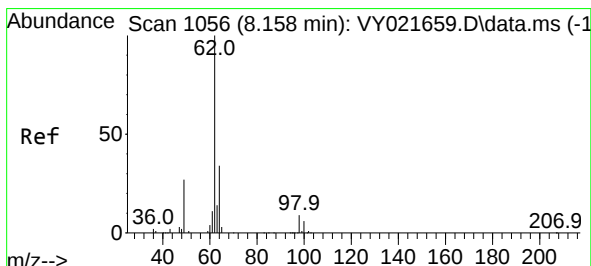
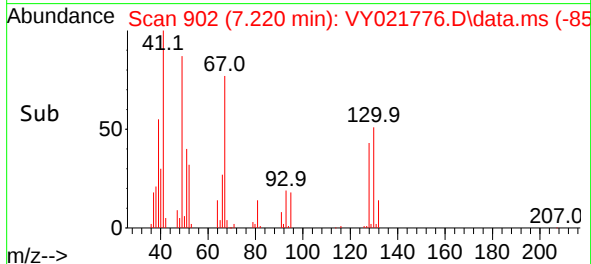
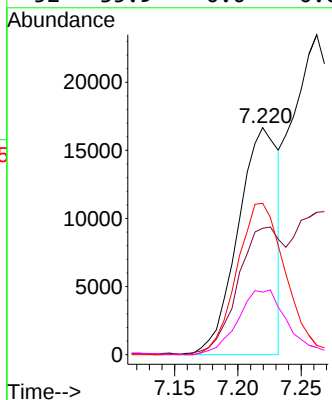
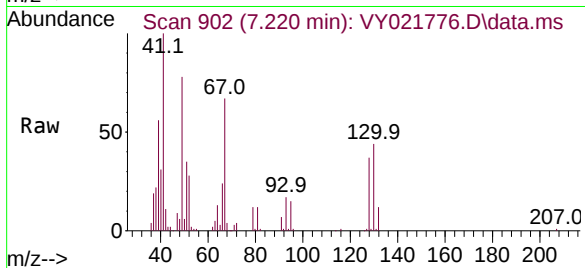




#41
Methacrylonitrile
Concen: 43.428 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

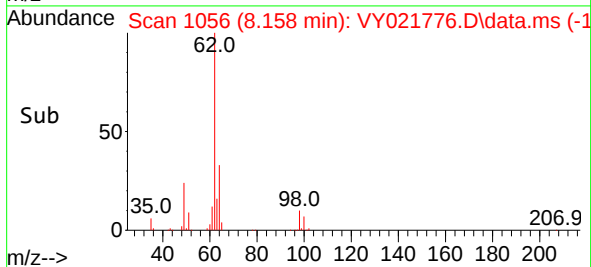
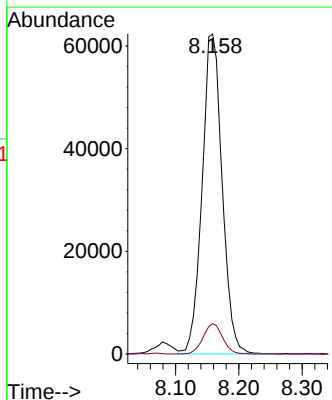
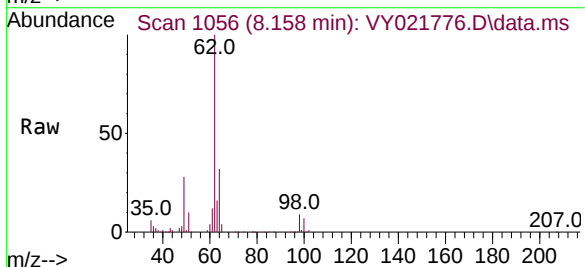
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

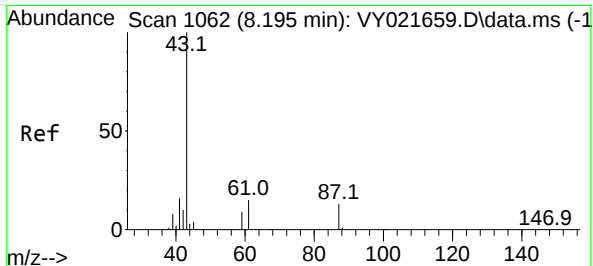
Tgt Ion: 41 Resp: 36866
Ion Ratio Lower Upper
41 100
39 64.9 0.0 0.0#
67 81.4 0.0 0.0#
52 35.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.074 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 62 Resp: 137468
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 46.402 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

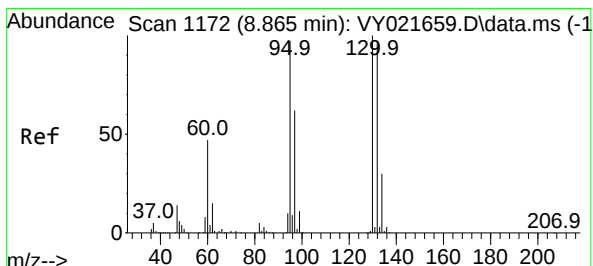
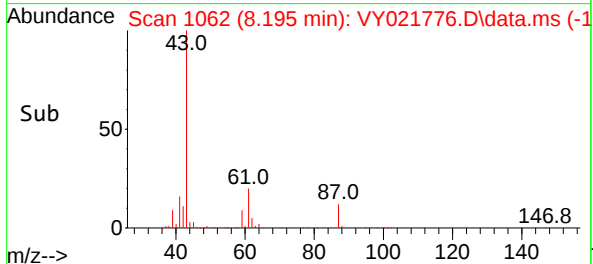
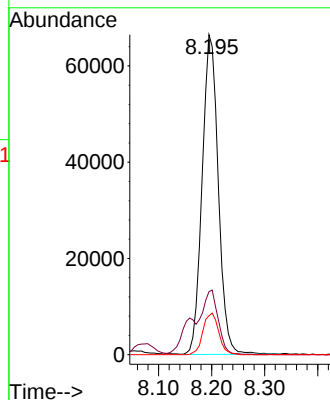
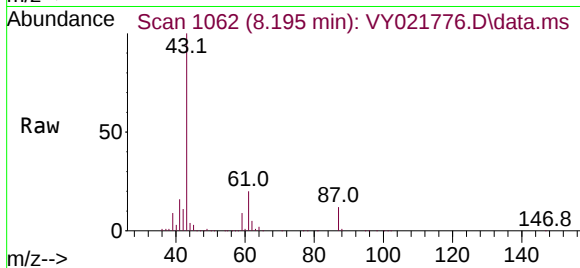
Tgt Ion: 43 Resp: 140563

Ion Ratio Lower Upper

43 100

61 20.1 15.9 23.9

87 12.6 10.4 15.6



#44

Trichloroethene

Concen: 49.692 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021776.D

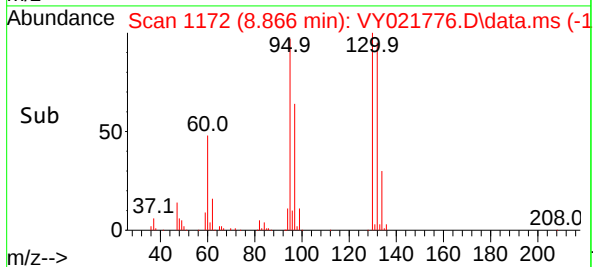
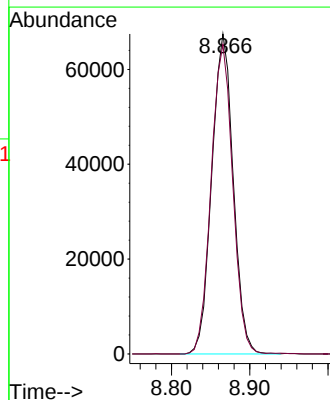
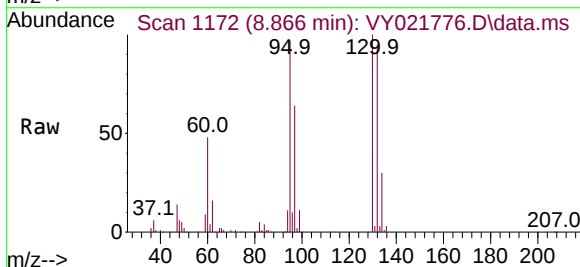
Acq: 04 Apr 2025 09:22

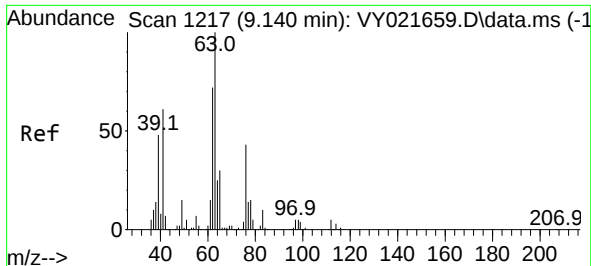
Tgt Ion:130 Resp: 128424

Ion Ratio Lower Upper

130 100

95 96.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.325 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

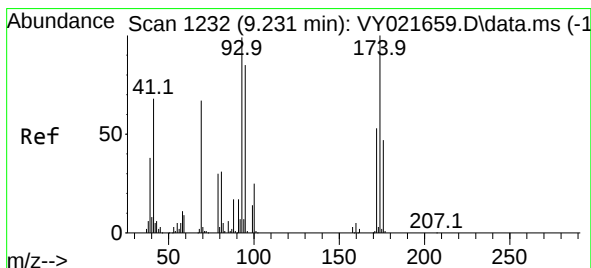
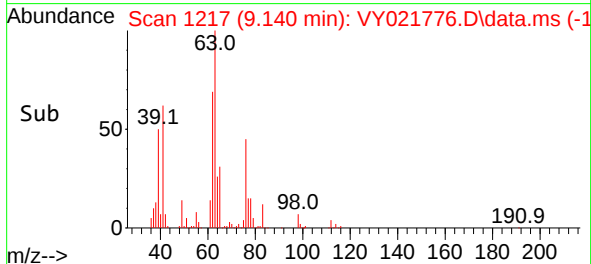
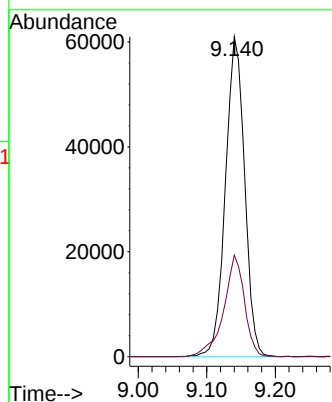
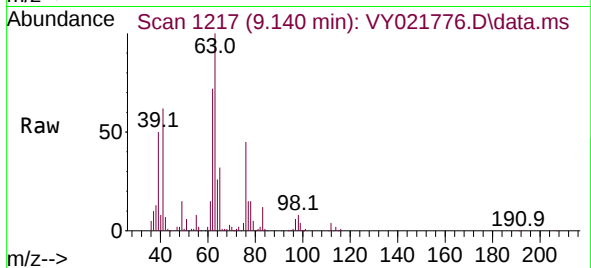
VSTDCCC050

Tgt Ion: 63 Resp: 118428

Ion Ratio Lower Upper

63 100

65 31.8 24.4 36.6



#46

Dibromomethane

Concen: 48.116 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

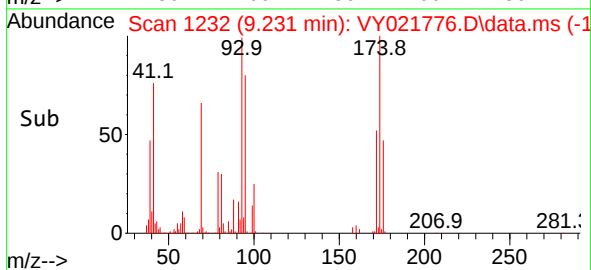
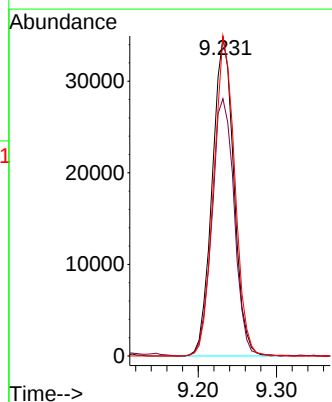
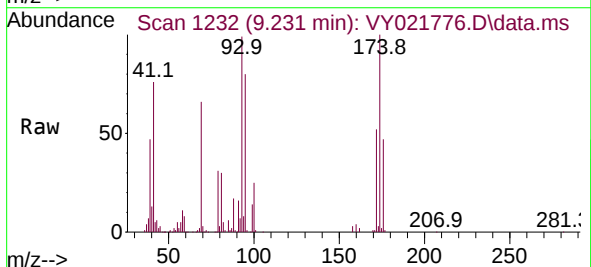
Tgt Ion: 93 Resp: 66580

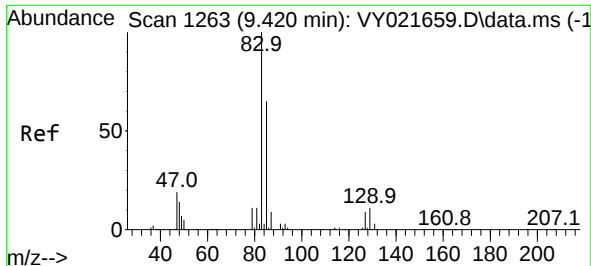
Ion Ratio Lower Upper

93 100

95 83.4 68.1 102.1

174 98.1 80.9 121.3





#47

Bromodichloromethane

Concen: 49.080 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

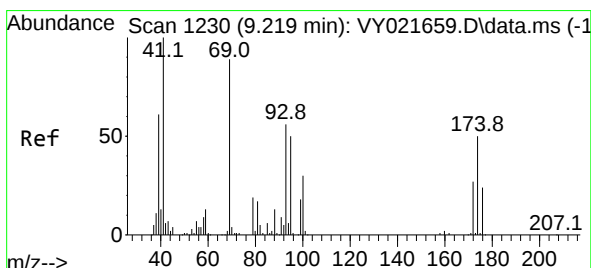
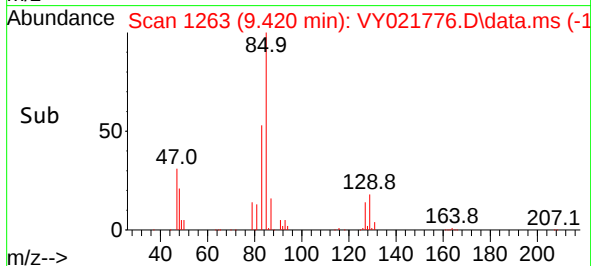
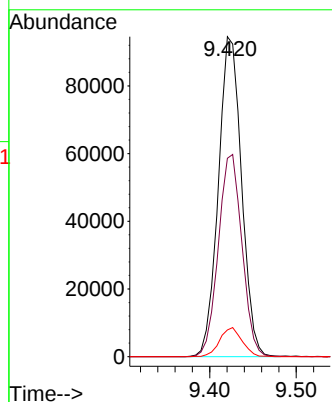
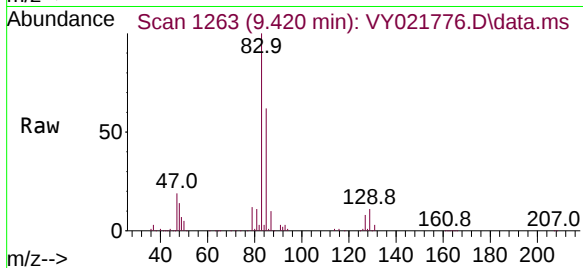
Tgt Ion: 83 Resp: 175976

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.6

127 8.3 6.8 10.2



#48

Methyl methacrylate

Concen: 48.681 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

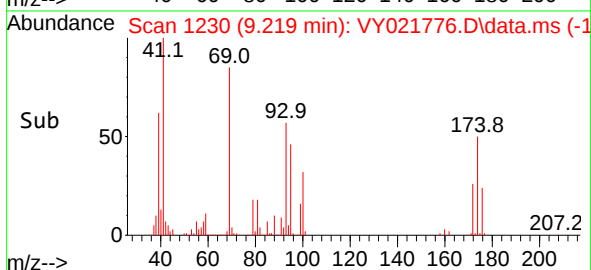
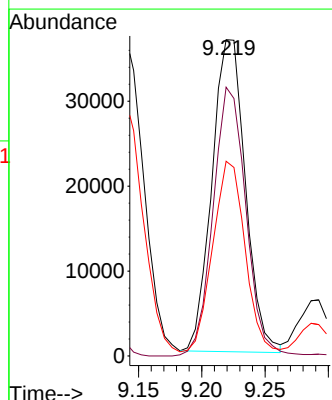
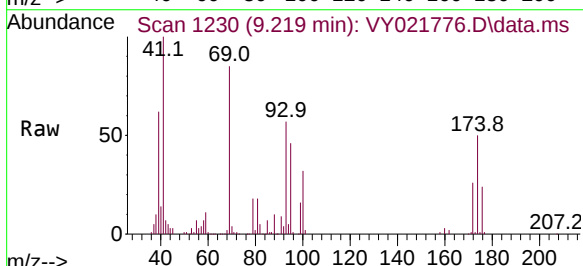
Tgt Ion: 41 Resp: 67680

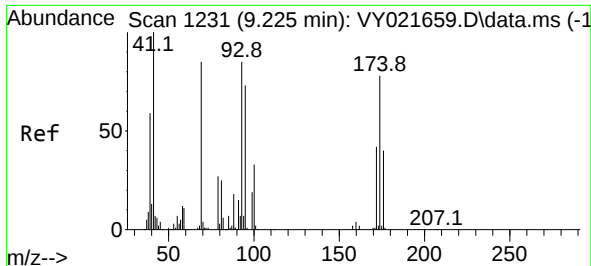
Ion Ratio Lower Upper

41 100

69 84.5 69.8 104.8

39 59.0 47.2 70.8





#49

1,4-Dioxane

Concen: 916.931 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

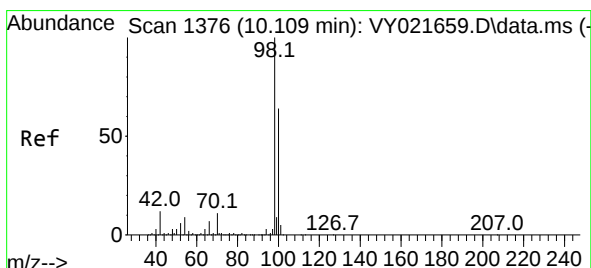
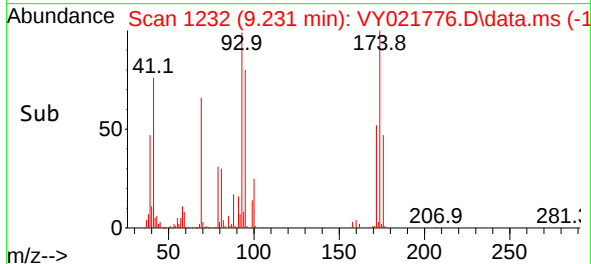
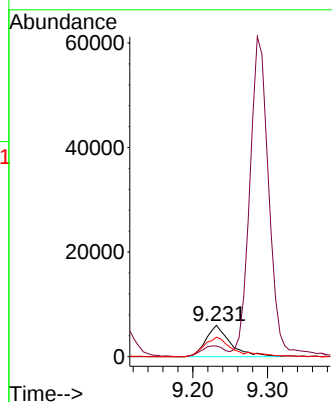
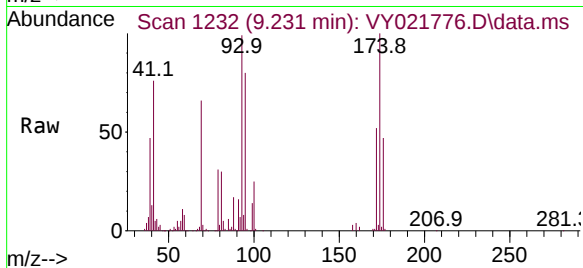
Tgt Ion: 88 Resp: 13592

Ion Ratio Lower Upper

88 100

43 33.9 28.8 43.2

58 75.3 59.4 89.2



#50

Toluene-d8

Concen: 52.794 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021776.D

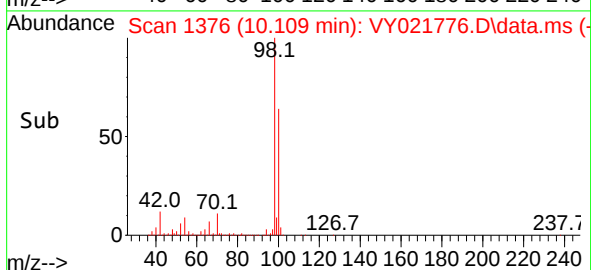
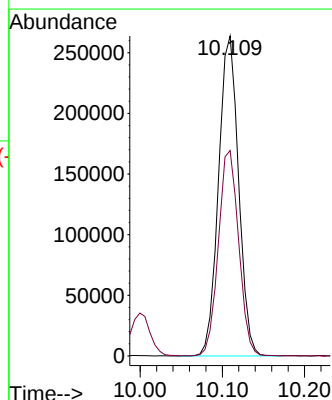
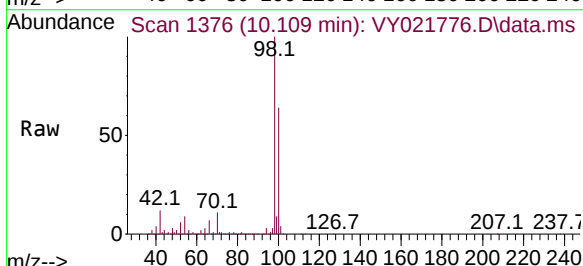
Acq: 04 Apr 2025 09:22

Tgt Ion: 98 Resp: 446617

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 241.372 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

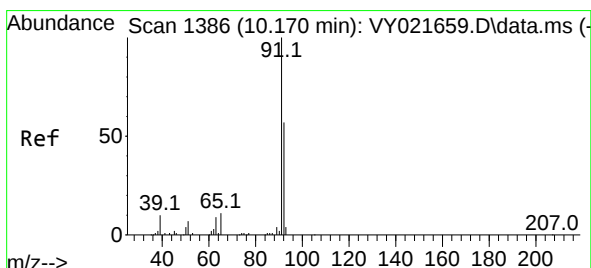
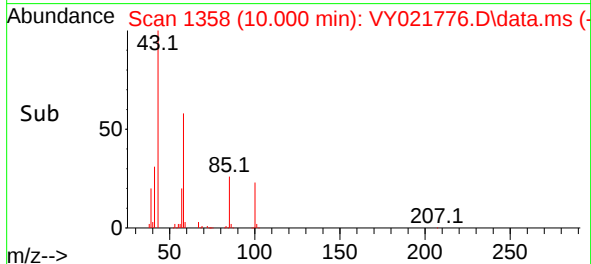
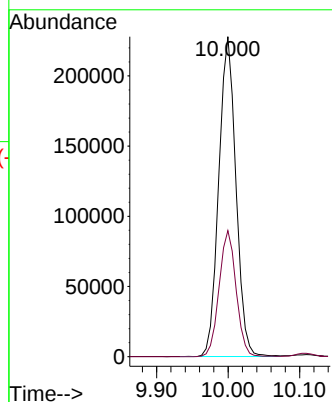
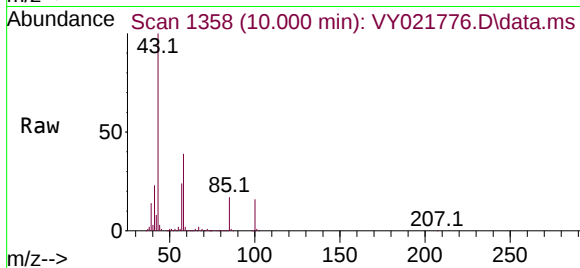
VSTDCCC050

Tgt Ion: 43 Resp: 380500

Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



#52

Toluene

Concen: 50.737 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021776.D

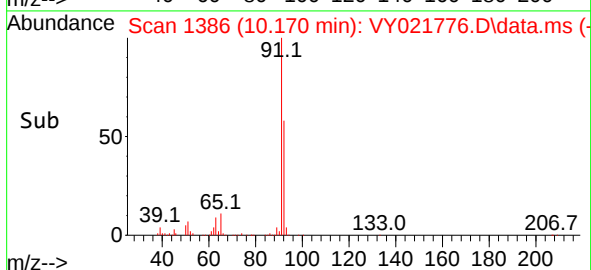
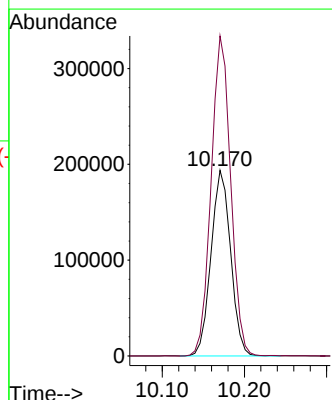
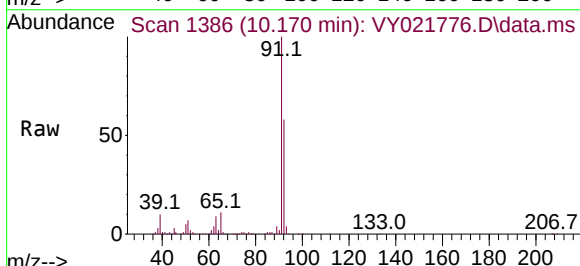
Acq: 04 Apr 2025 09:22

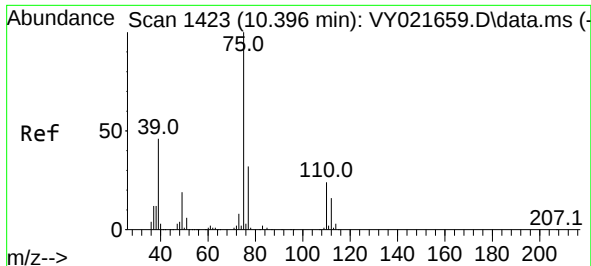
Tgt Ion: 92 Resp: 321091

Ion Ratio Lower Upper

92 100

91 171.7 138.6 207.8

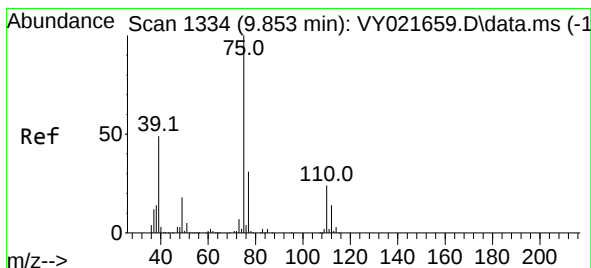
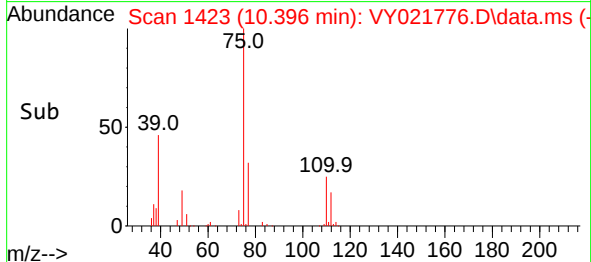
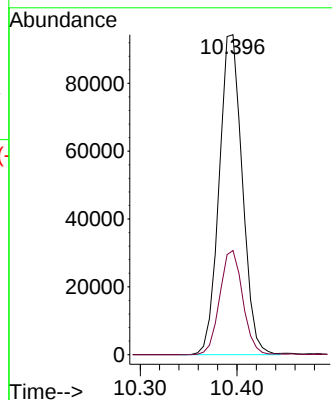
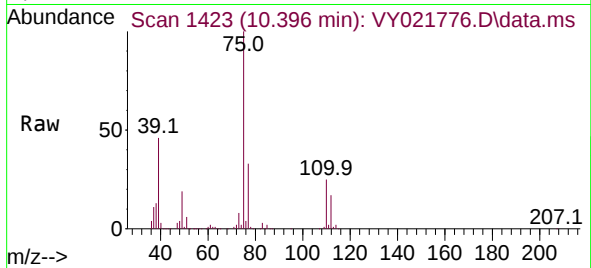




#53
 t-1,3-Dichloropropene
 Concen: 49.181 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

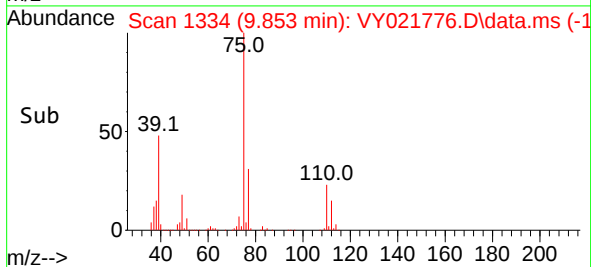
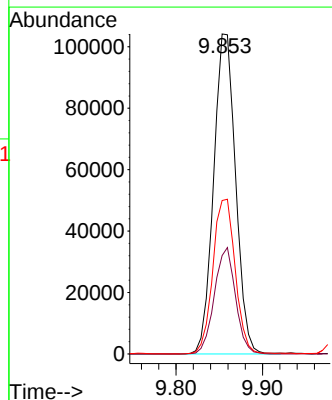
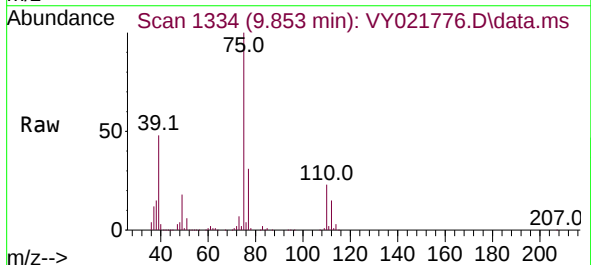
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

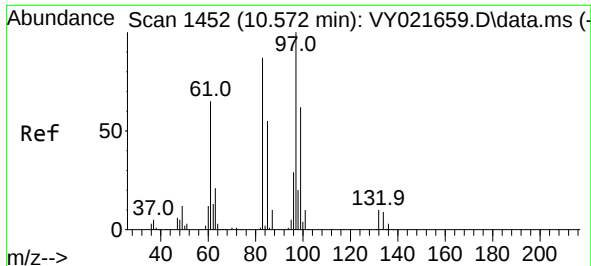
Tgt Ion: 75 Resp: 156628
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.979 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

Tgt Ion: 75 Resp: 184020
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.9 37.3
 39 47.9 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 48.624 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 86585

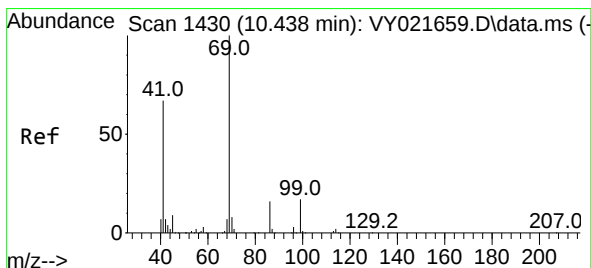
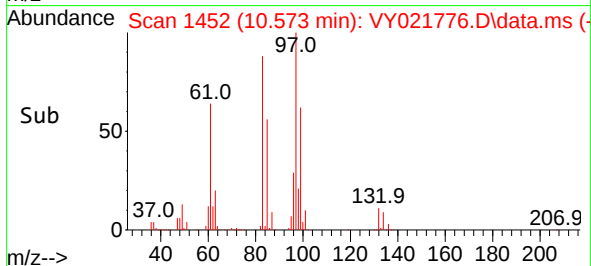
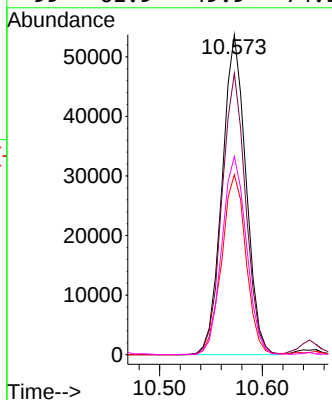
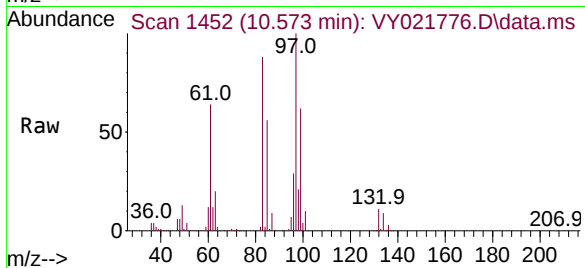
Ion Ratio Lower Upper

97 100

83 88.0 69.5 104.3

85 56.2 43.9 65.9

99 61.9 49.9 74.9



#56

Ethyl methacrylate

Concen: 51.235 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

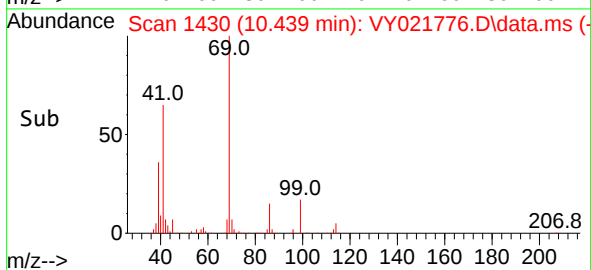
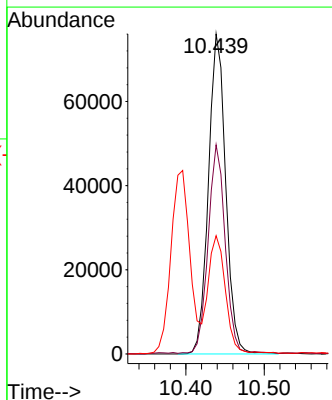
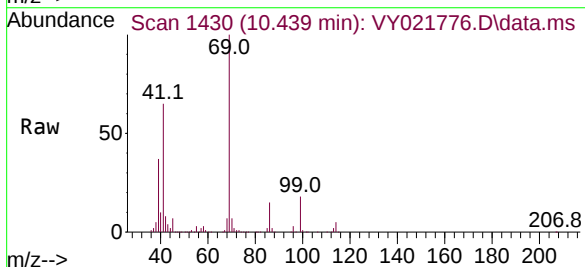
Tgt Ion: 69 Resp: 116496

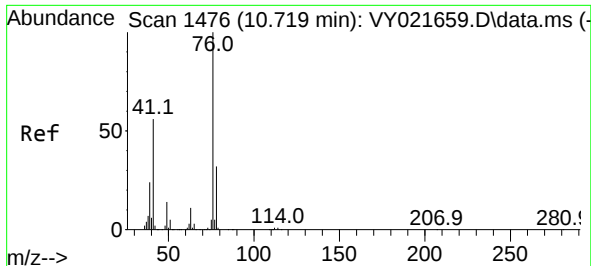
Ion Ratio Lower Upper

69 100

41 64.7 53.8 80.6

39 36.1 29.6 44.4





#57

1,3-Dichloropropane

Concen: 49.355 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

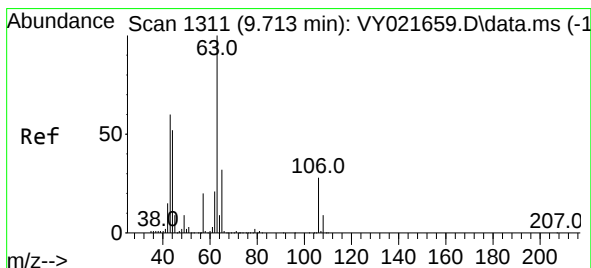
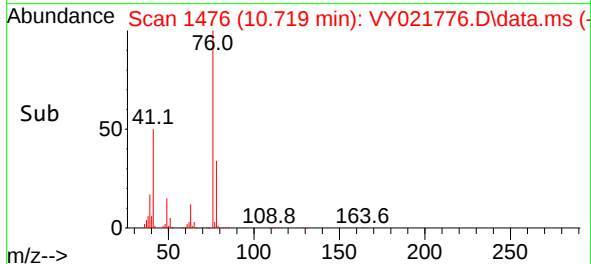
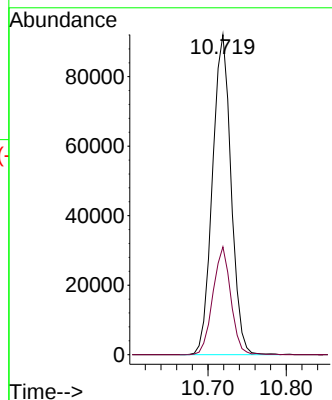
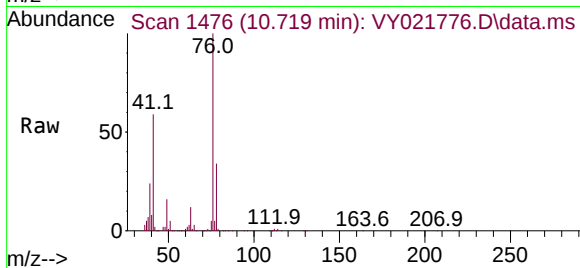
VSTDCCC050

Tgt Ion: 76 Resp: 151785

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.232 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021776.D

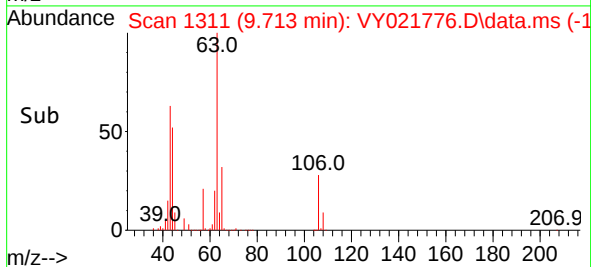
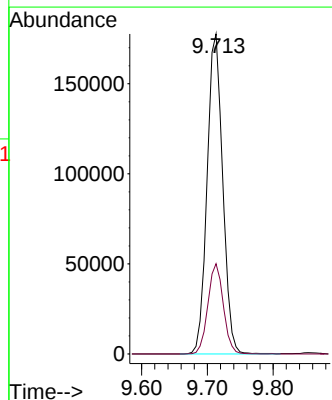
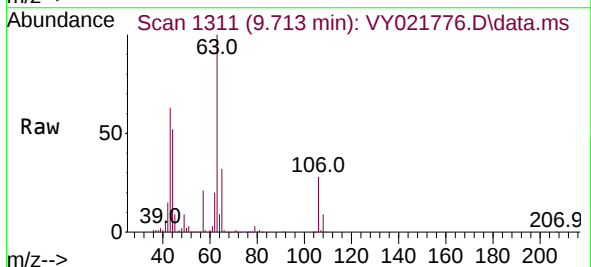
Acq: 04 Apr 2025 09:22

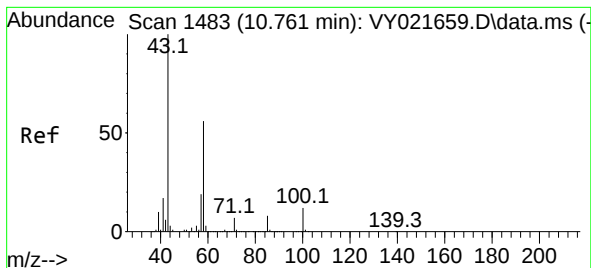
Tgt Ion: 63 Resp: 293090

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6





#59

2-Hexanone

Concen: 243.569 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

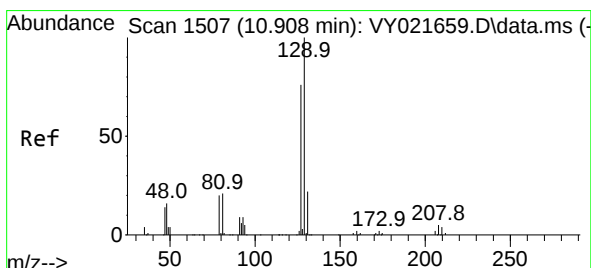
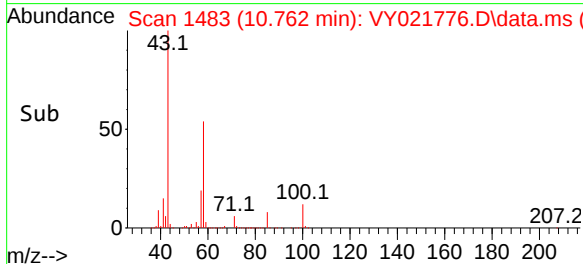
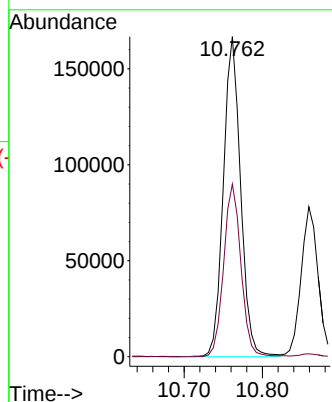
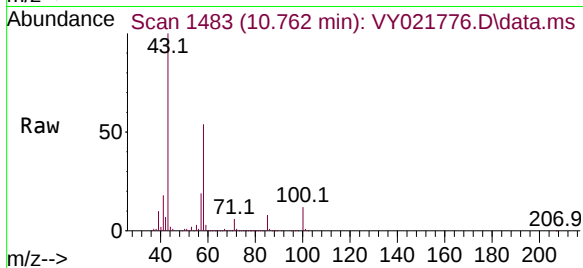
VSTDCCC050

Tgt Ion: 43 Resp: 255713

Ion Ratio Lower Upper

43 100

58 54.0 27.2 81.5



#60

Dibromochloromethane

Concen: 50.684 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021776.D

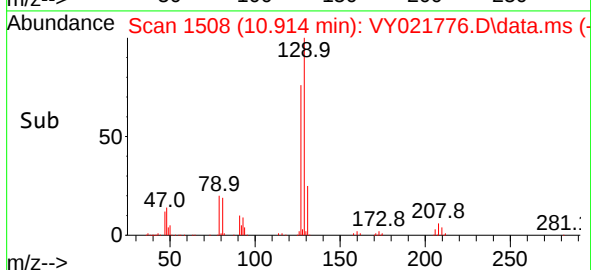
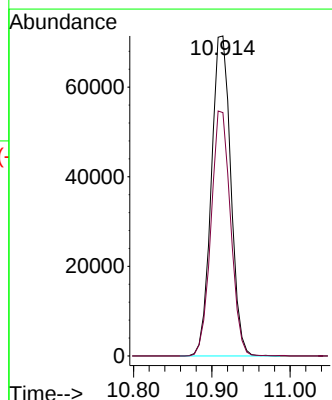
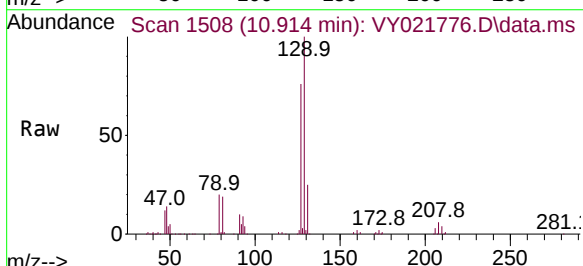
Acq: 04 Apr 2025 09:22

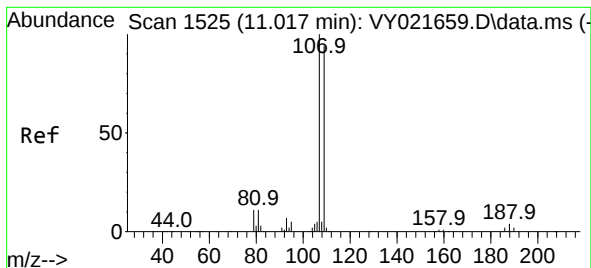
Tgt Ion: 129 Resp: 123226

Ion Ratio Lower Upper

129 100

127 76.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 49.485 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

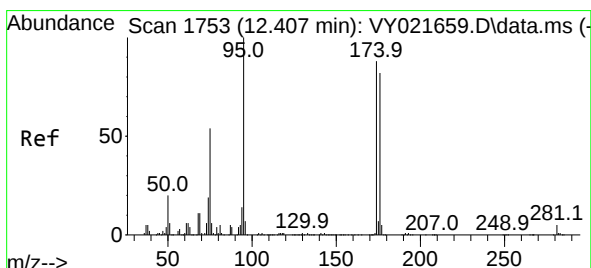
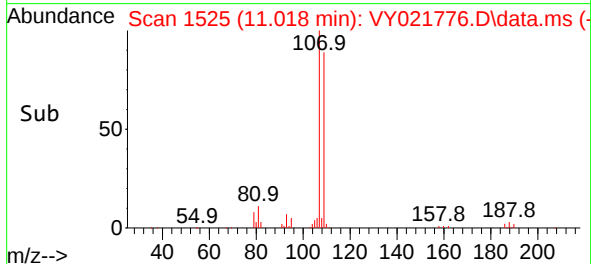
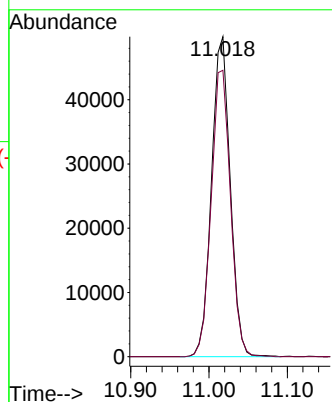
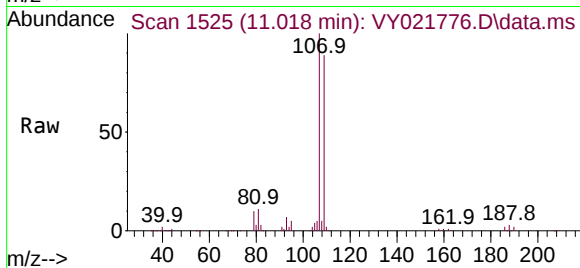
VSTDCCC050

Tgt Ion:107 Resp: 82662

Ion Ratio Lower Upper

107 100

109 92.4 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 52.928 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

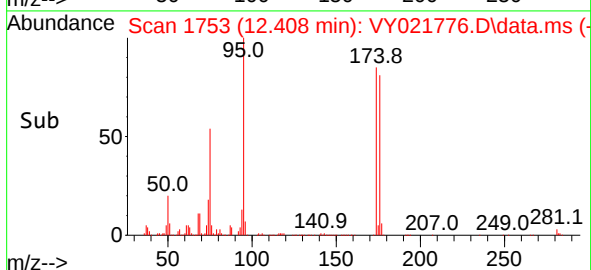
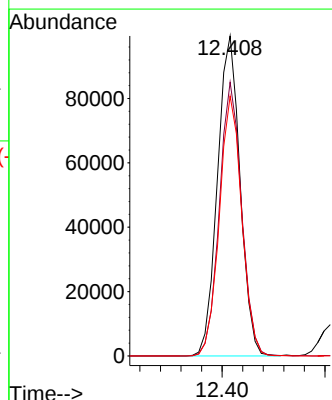
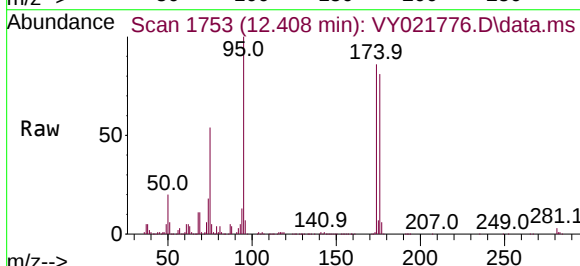
Tgt Ion: 95 Resp: 151449

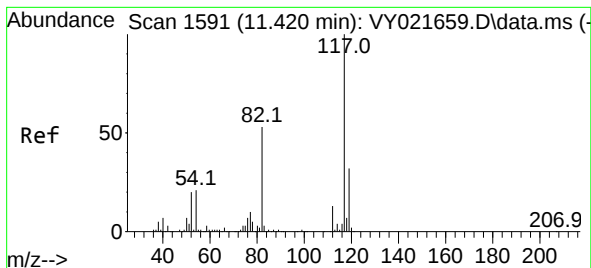
Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.8

176 80.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

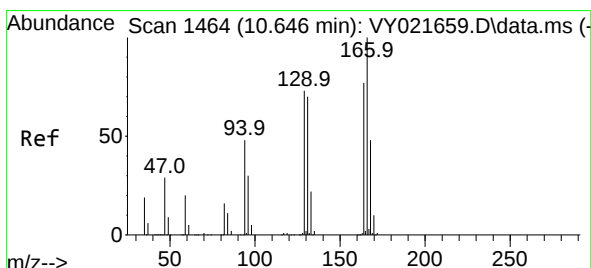
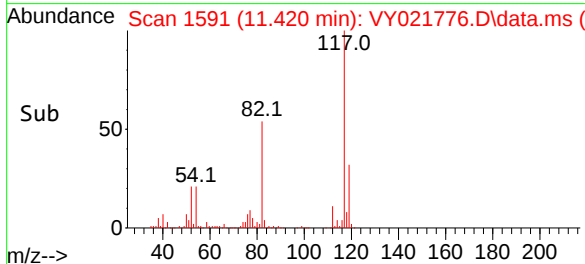
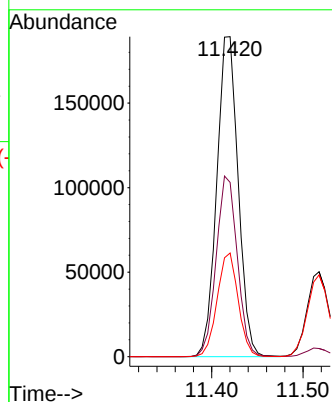
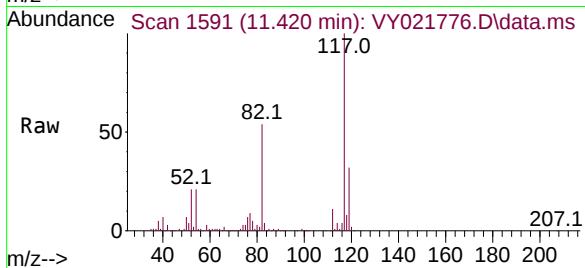
Tgt Ion:117 Resp: 308777

Ion Ratio Lower Upper

117 100

82 54.4 42.8 64.2

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 49.667 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion:164 Resp: 139676

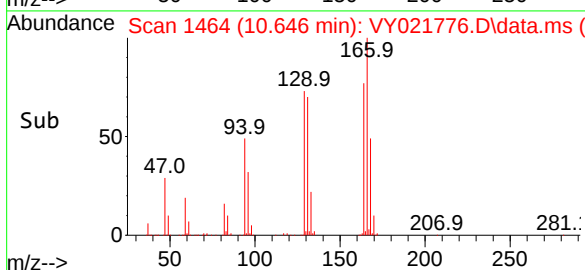
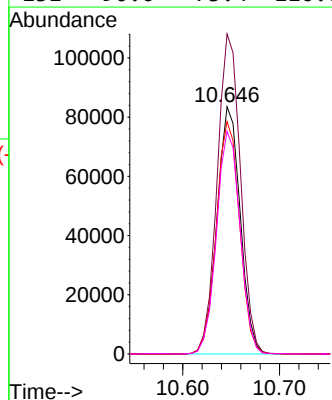
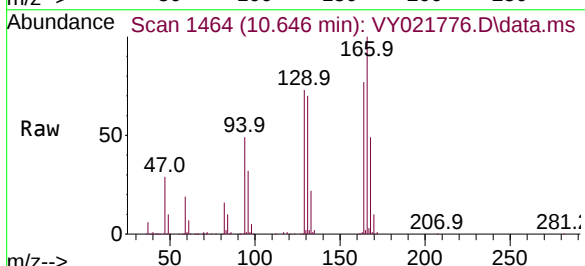
Ion Ratio Lower Upper

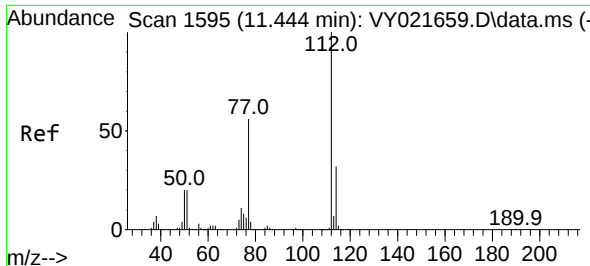
164 100

166 129.4 104.6 156.8

129 93.9 76.6 114.8

131 90.0 73.4 110.0

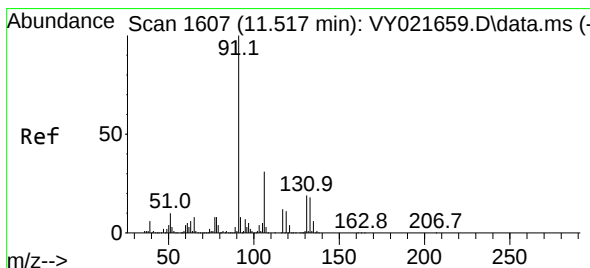
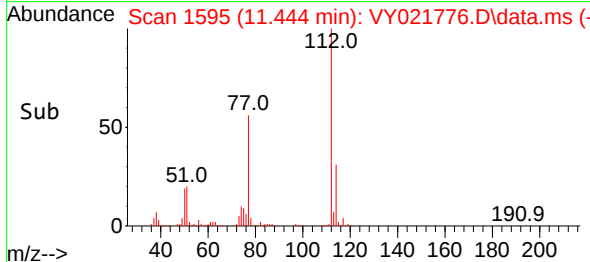
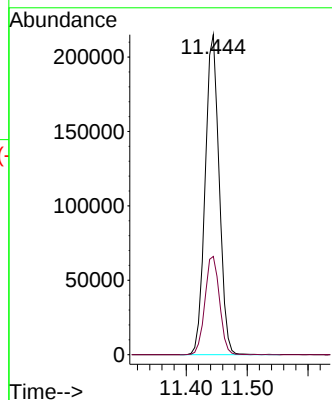
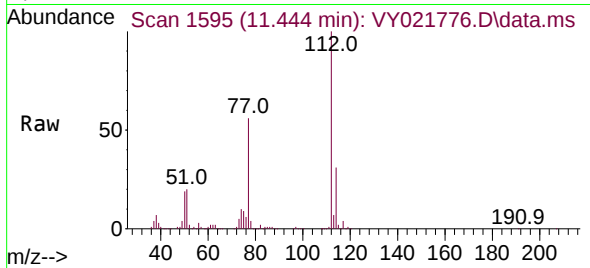




#65
Chlorobenzene
Concen: 48.533 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

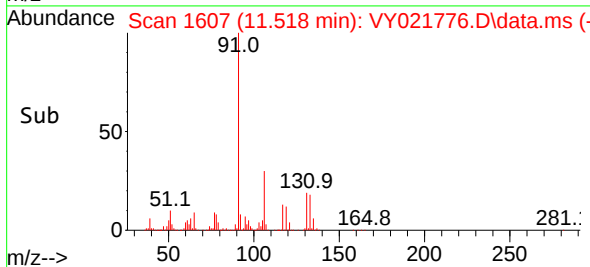
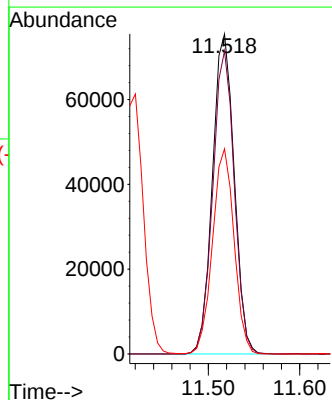
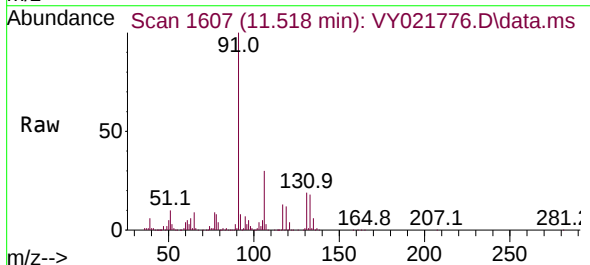
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

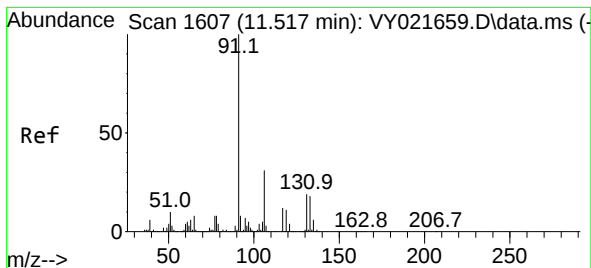
Tgt Ion:112 Resp: 343523
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.482 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion:131 Resp: 124267
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 63.8 31.6 95.0





#67

Ethyl Benzene

Concen: 50.727 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

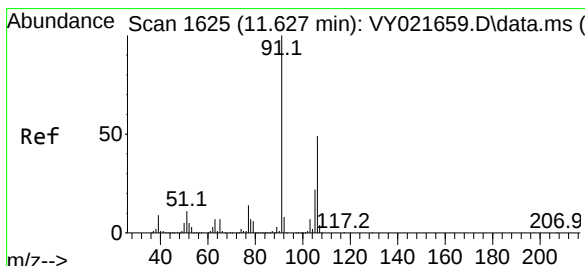
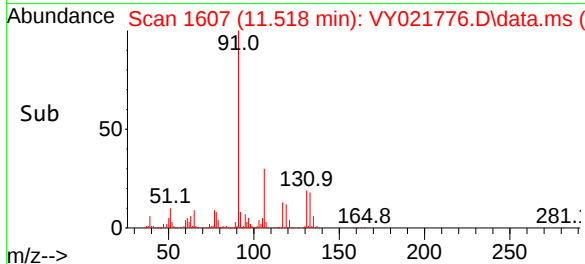
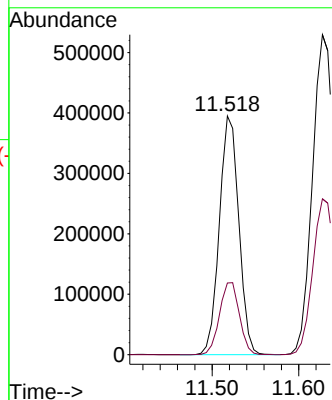
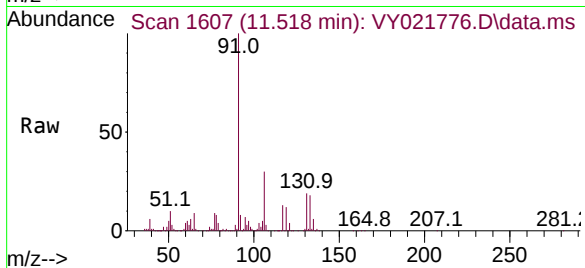
VSTDCCC050

Tgt Ion: 91 Resp: 615700

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



#68

m/p-Xylenes

Concen: 101.155 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021776.D

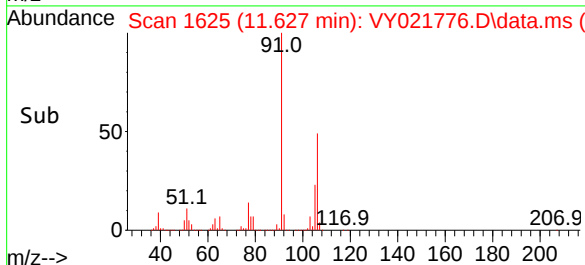
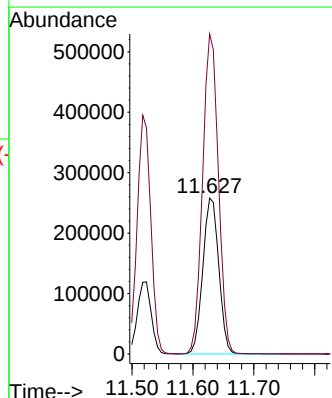
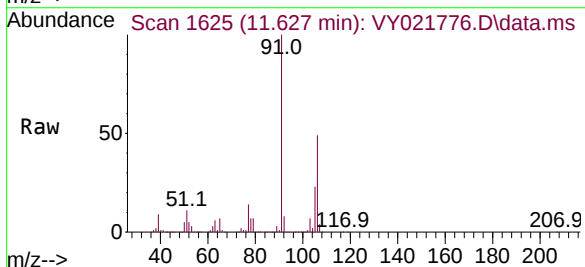
Acq: 04 Apr 2025 09:22

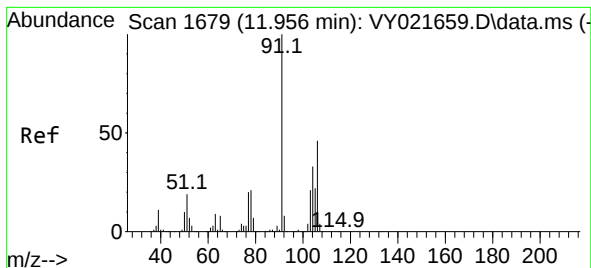
Tgt Ion:106 Resp: 470149

Ion Ratio Lower Upper

106 100

91 203.2 162.4 243.6





#69

o-Xylene

Concen: 50.688 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

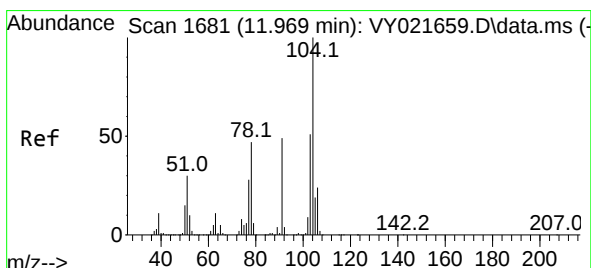
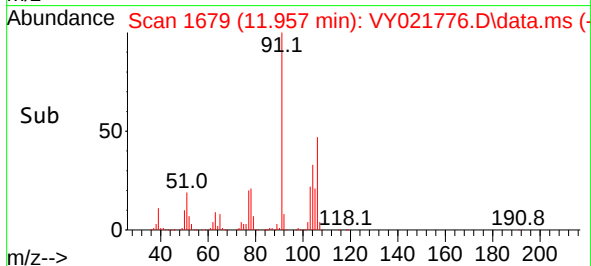
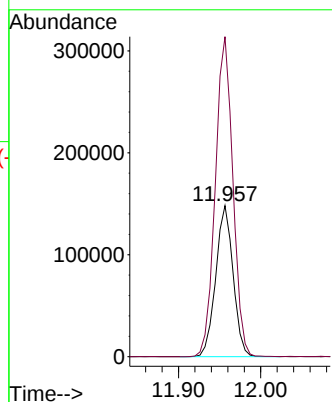
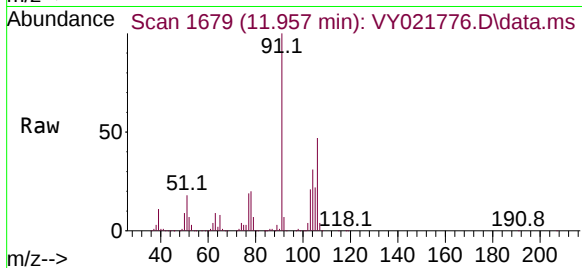
VSTDCCC050

Tgt Ion:106 Resp: 217467

Ion Ratio Lower Upper

106 100

91 215.1 106.7 319.9



#70

Styrene

Concen: 51.933 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

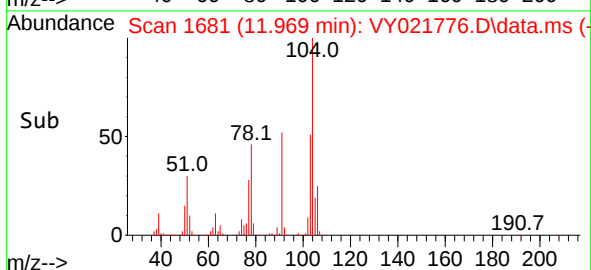
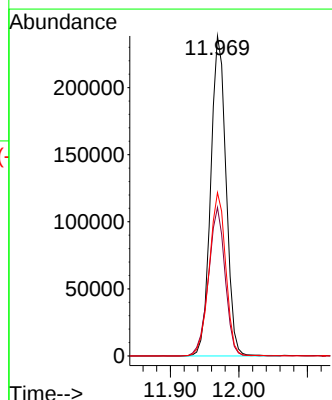
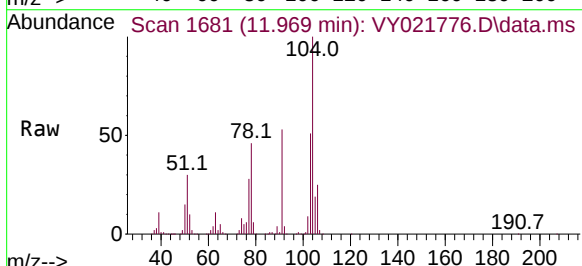
Tgt Ion:104 Resp: 371495

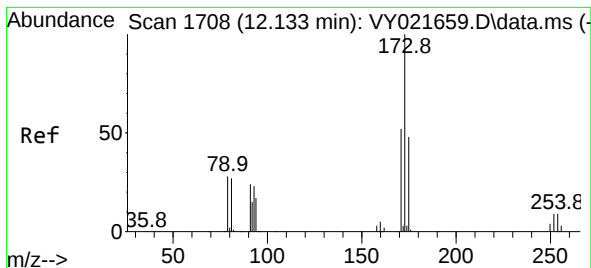
Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

103 54.8 44.2 66.2





#71

Bromoform

Concen: 49.056 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

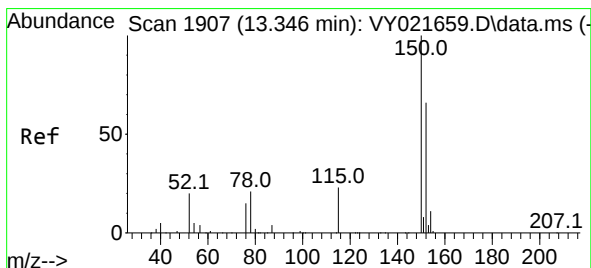
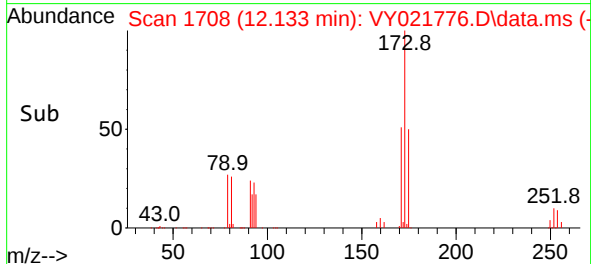
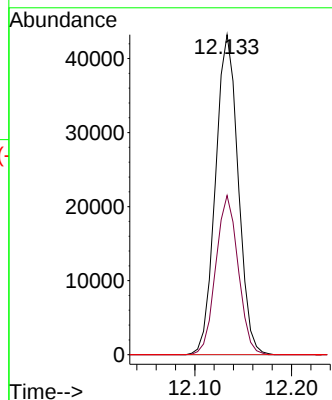
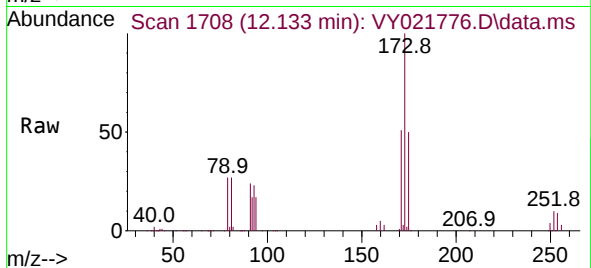
Tgt Ion:173 Resp: 70273

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

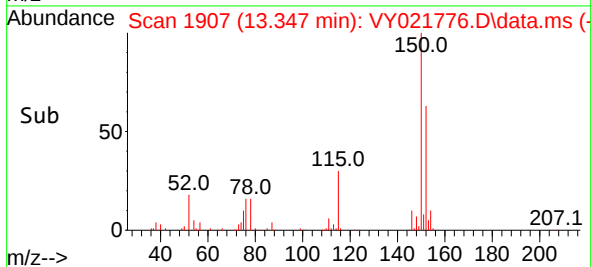
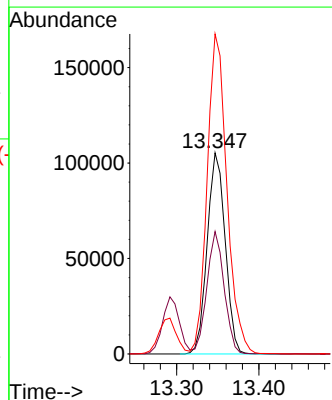
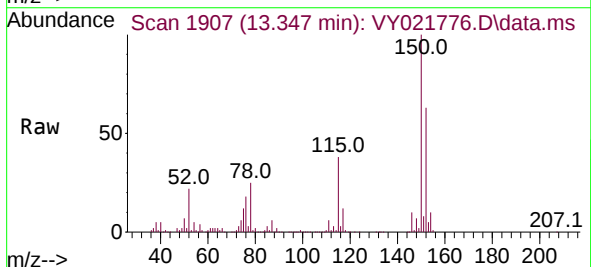
Tgt Ion:152 Resp: 160179

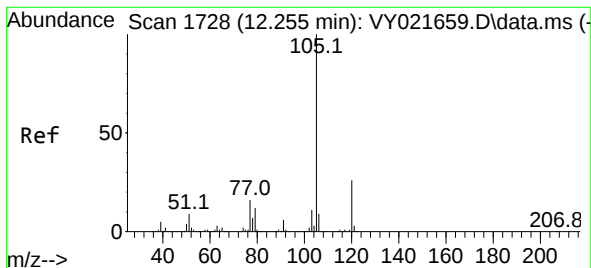
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 174.4 0.0 348.4





#73

Isopropylbenzene

Concen: 49.152 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

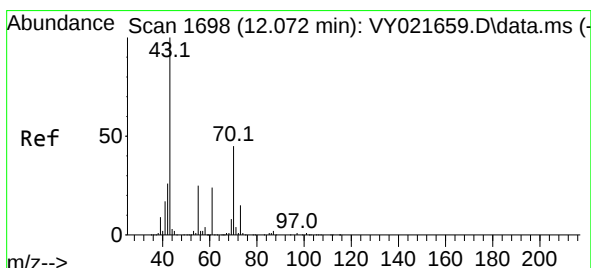
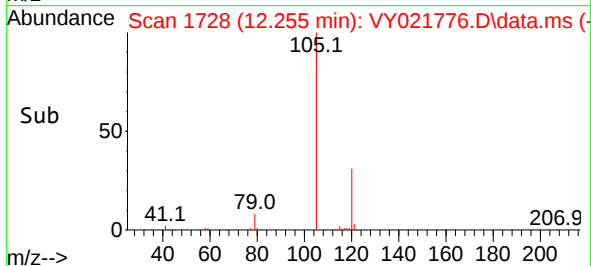
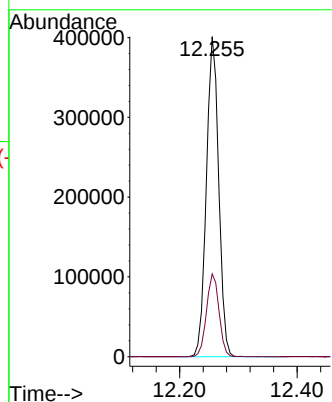
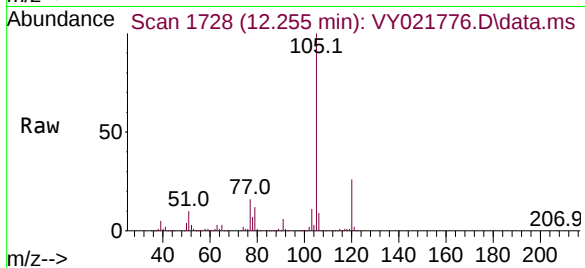
VSTDCCC050

Tgt Ion:105 Resp: 584770

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 46.159 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion: 43 Resp: 128883

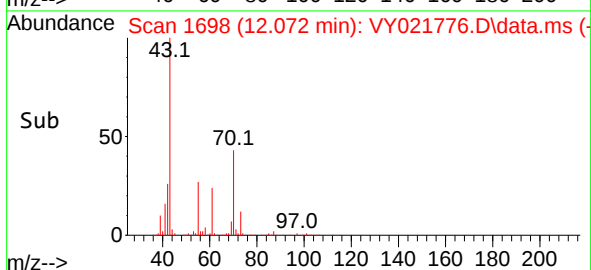
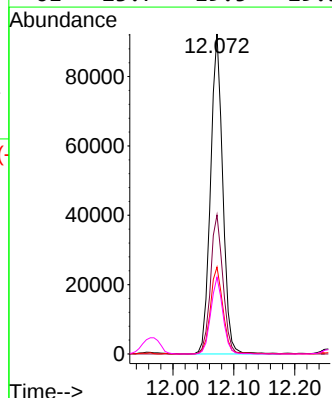
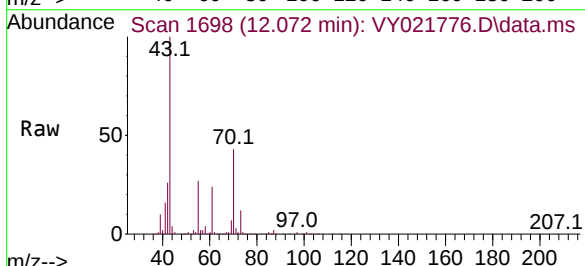
Ion Ratio Lower Upper

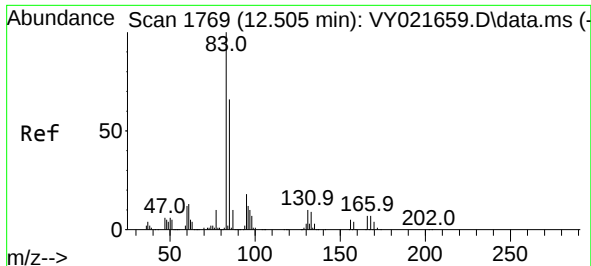
43 100

70 44.1 34.7 52.1

55 27.9 21.2 31.8

61 23.7 19.5 29.3

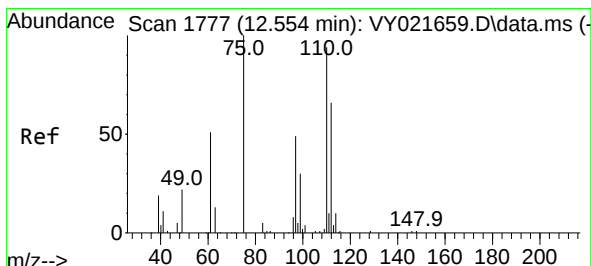
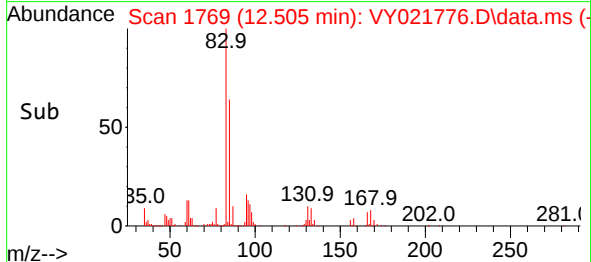
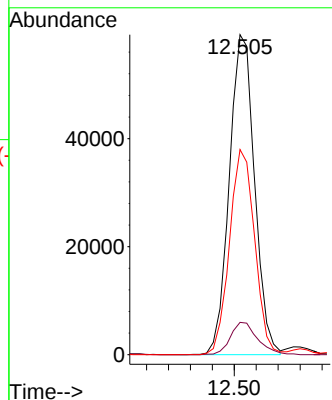
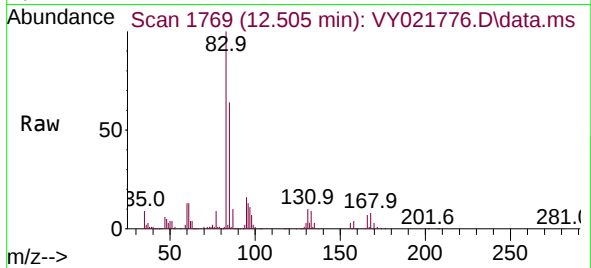




#75
1,1,2,2-Tetrachloroethane
Concen: 44.226 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

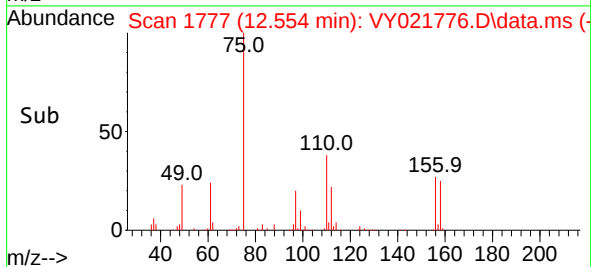
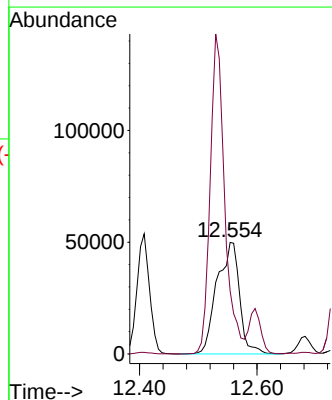
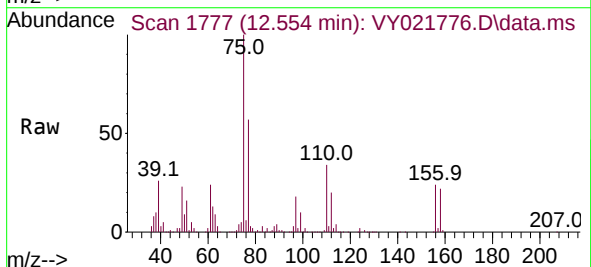
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

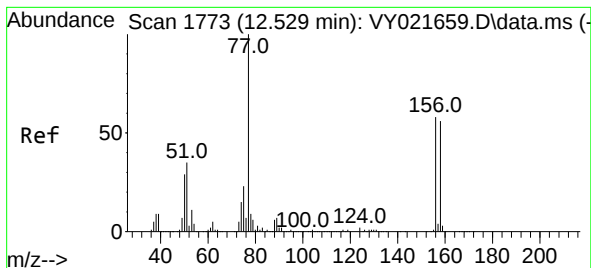
Tgt Ion: 83 Resp: 94598
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 64.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 83.901 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 75 Resp: 133217
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.465 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

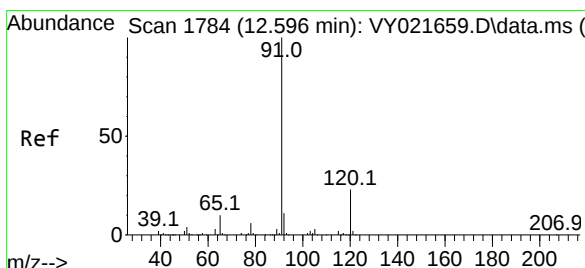
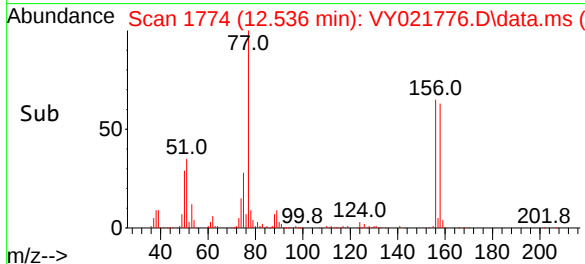
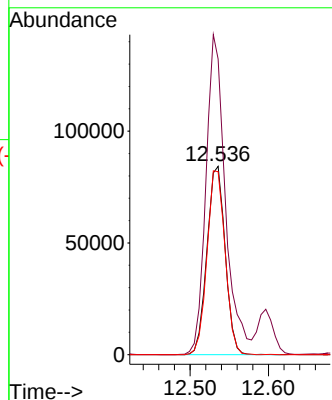
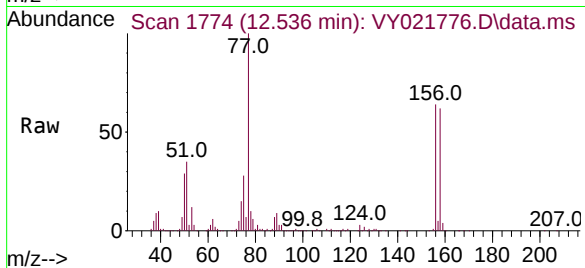
Tgt Ion:156 Resp: 135583

Ion Ratio Lower Upper

156 100

77 182.2 92.8 278.3

158 97.4 48.5 145.6



#78

n-propylbenzene

Concen: 49.780 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021776.D

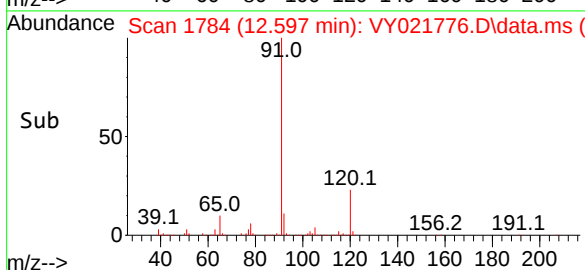
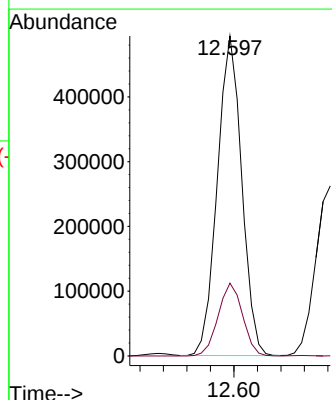
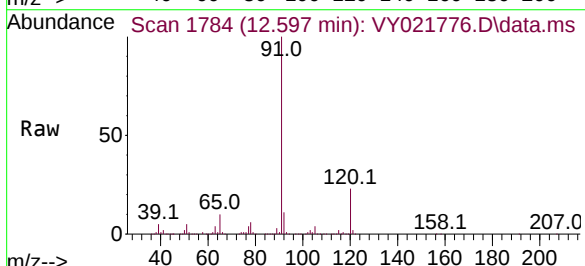
Acq: 04 Apr 2025 09:22

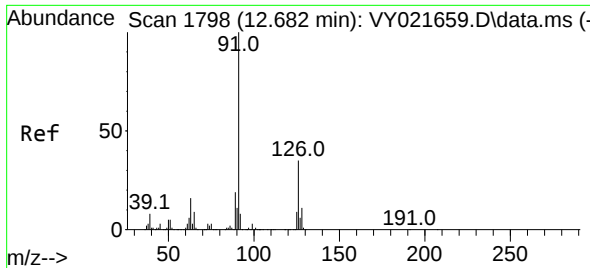
Tgt Ion: 91 Resp: 712013

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

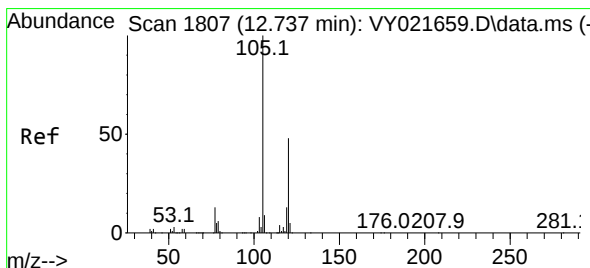
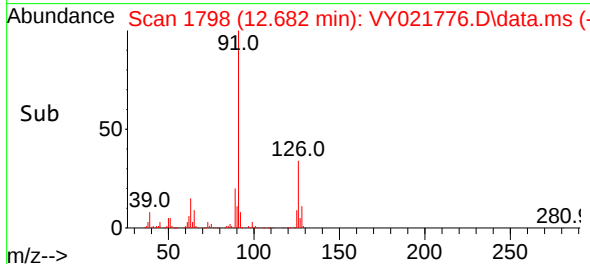
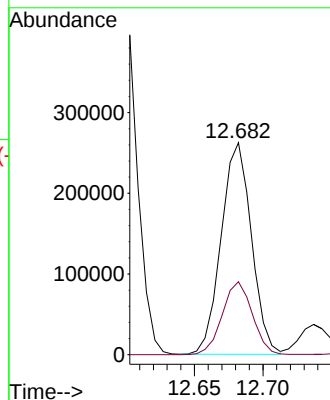
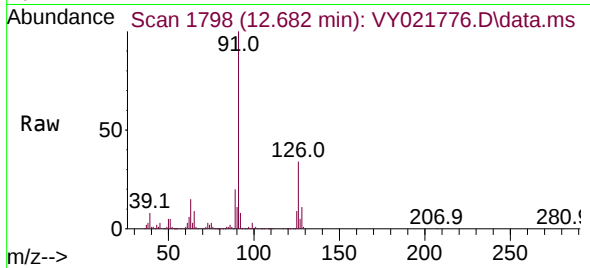




#79
2-Chlorotoluene
Concen: 48.532 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

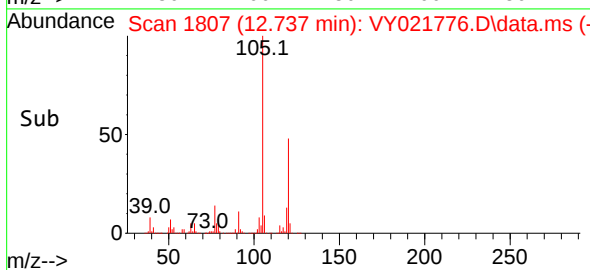
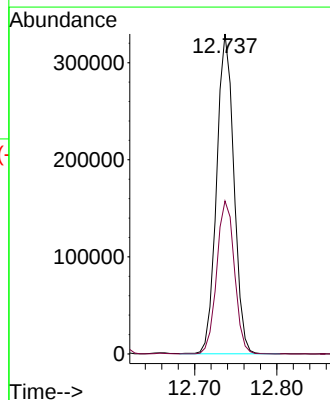
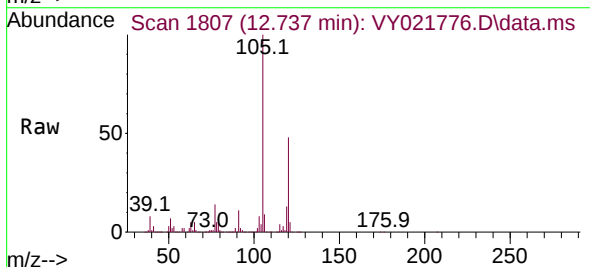
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

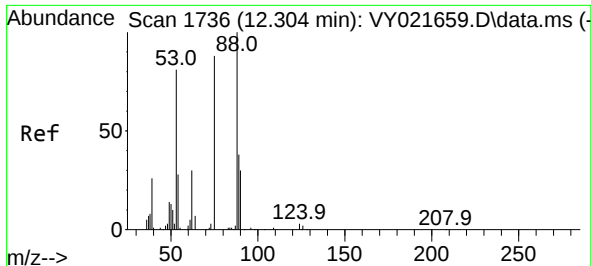
Tgt Ion: 91 Resp: 403179
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 49.401 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 105 Resp: 480341
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5

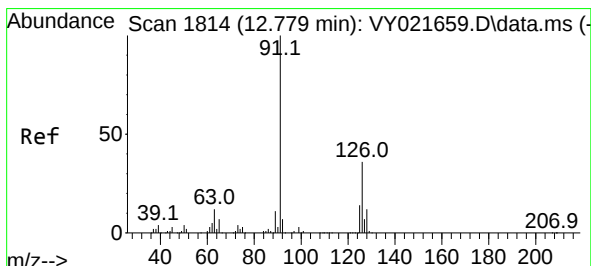
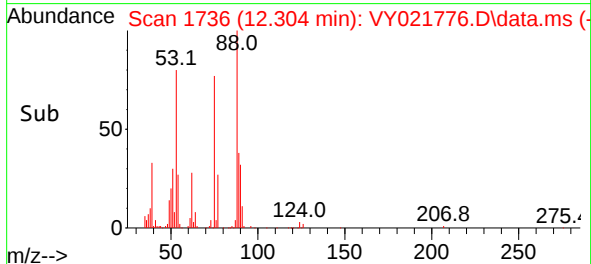
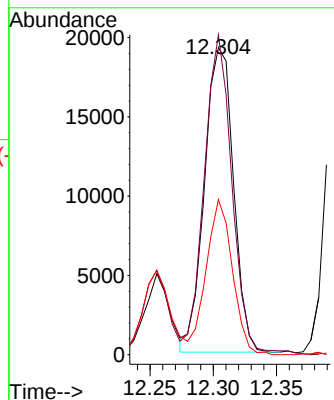
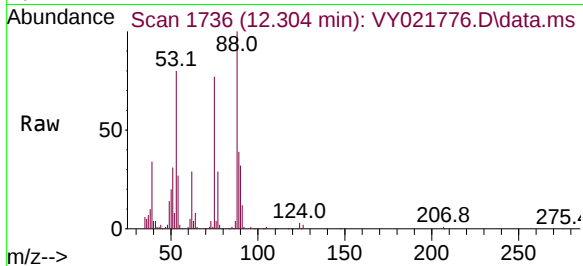




#81
trans-1,4-Dichloro-2-butene
Concen: 44.380 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

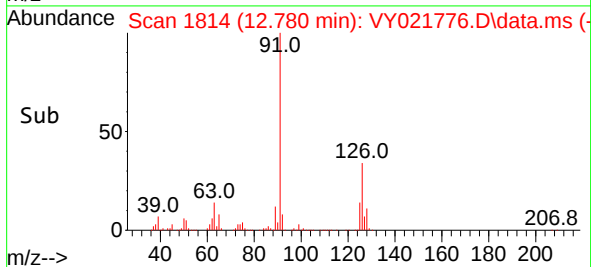
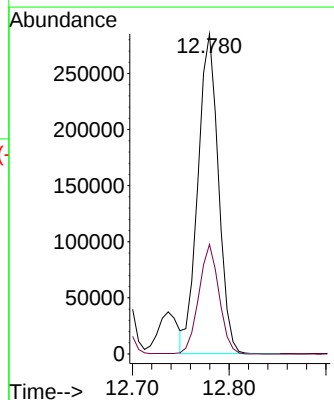
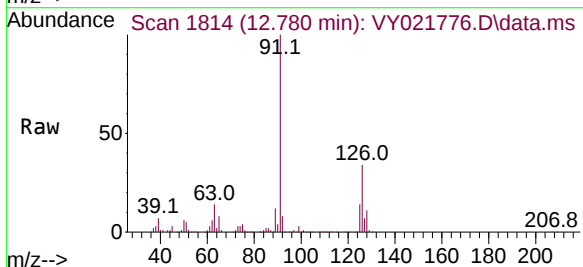
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

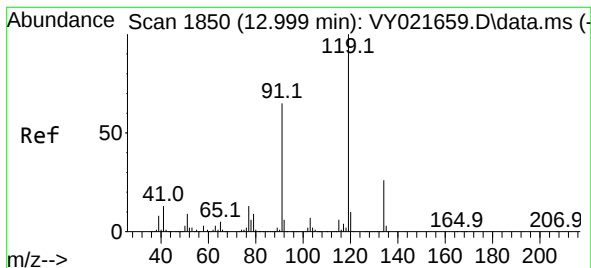
Tgt Ion: 75 Resp: 30582
Ion Ratio Lower Upper
75 100
53 101.1 76.1 114.1
89 46.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 48.519 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 91 Resp: 420225
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9

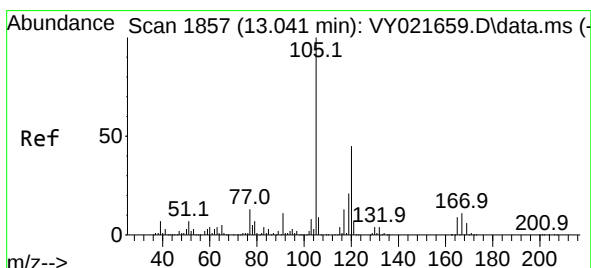
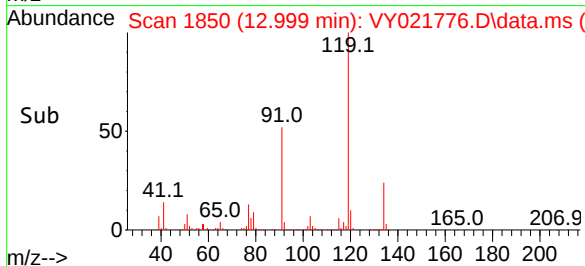
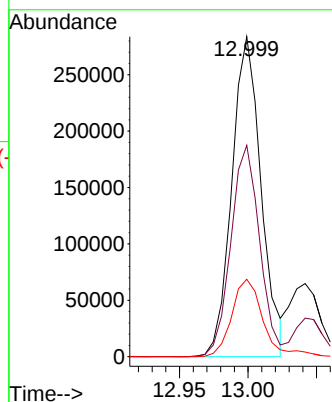
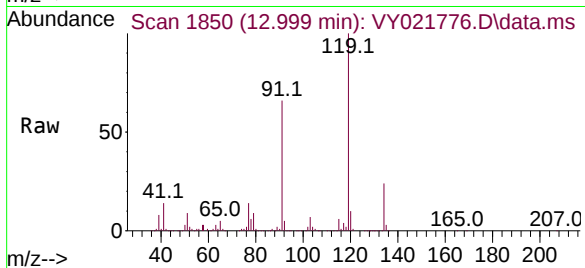




#83
 tert-Butylbenzene
 Concen: 48.759 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

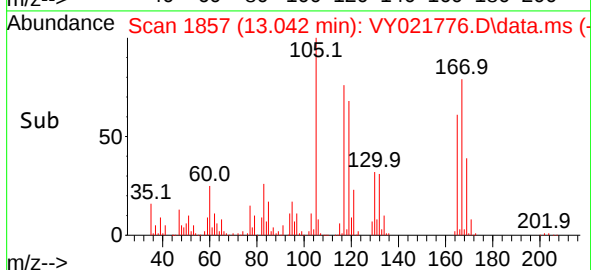
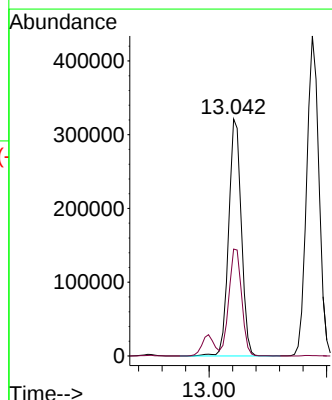
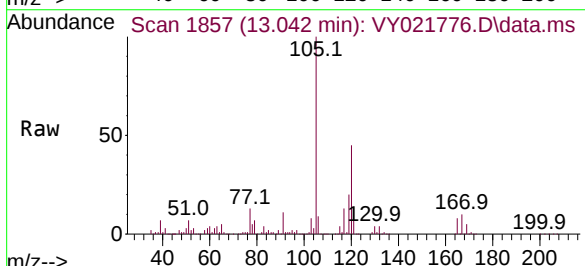
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

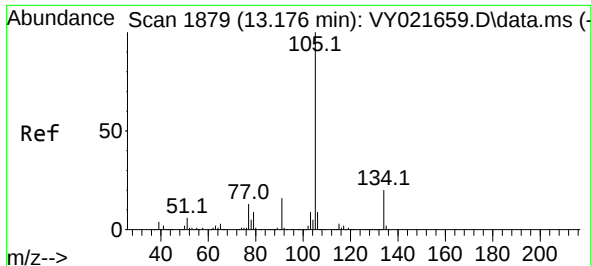
Tgt Ion:119 Resp: 422284
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.6 97.7
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.015 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

Tgt Ion:105 Resp: 480654
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

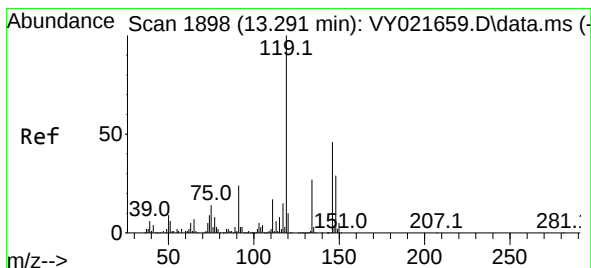
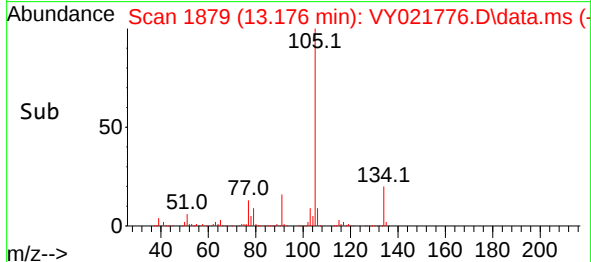
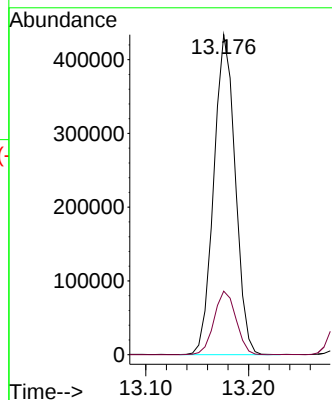
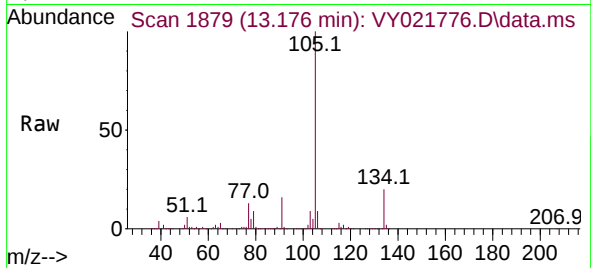




#85
 sec-Butylbenzene
 Concen: 49.626 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

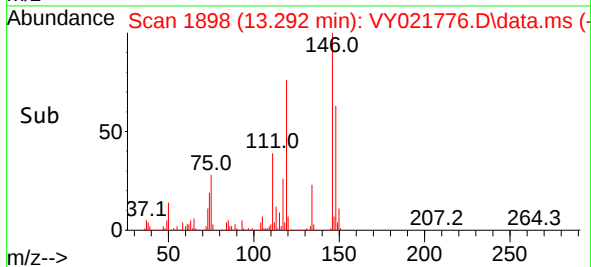
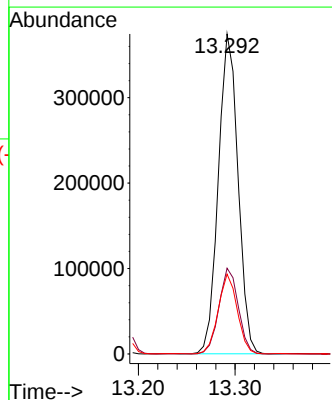
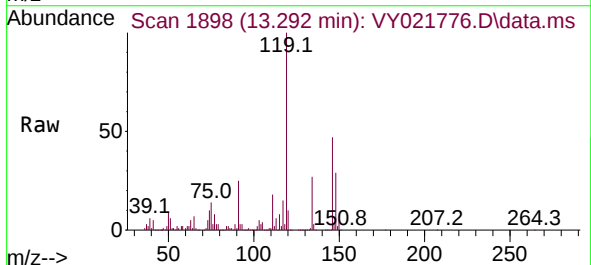
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

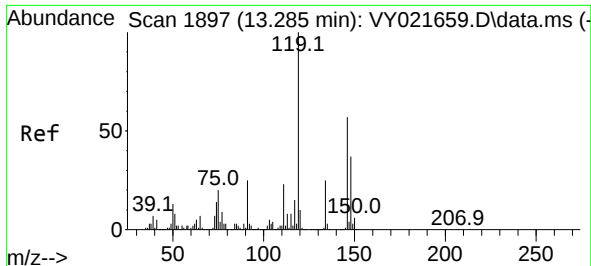
Tgt Ion:105 Resp: 628096
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.469 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

Tgt Ion:119 Resp: 527940
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 47.936 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

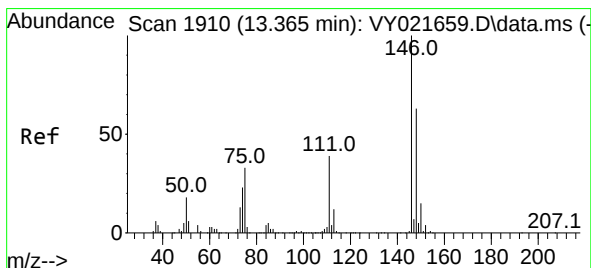
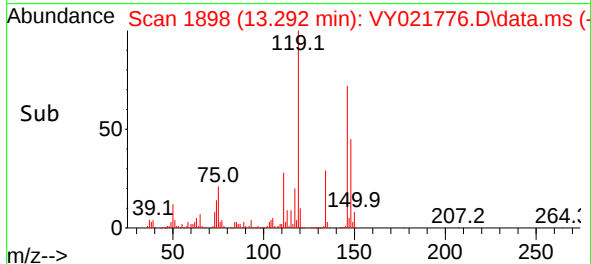
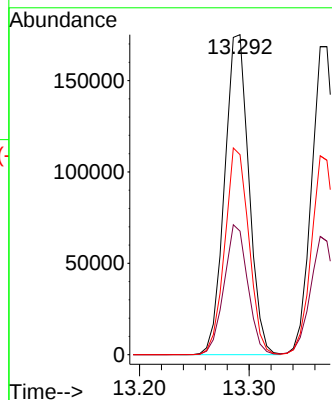
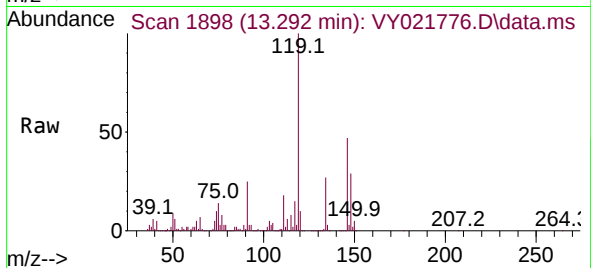
Tgt Ion:146 Resp: 269775

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 47.658 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

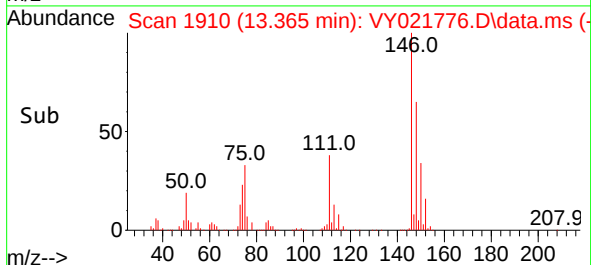
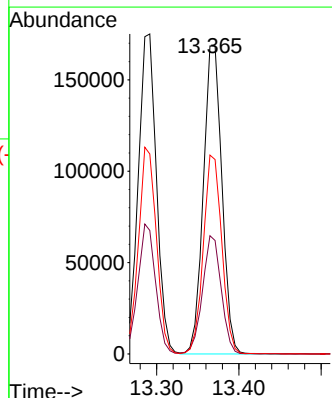
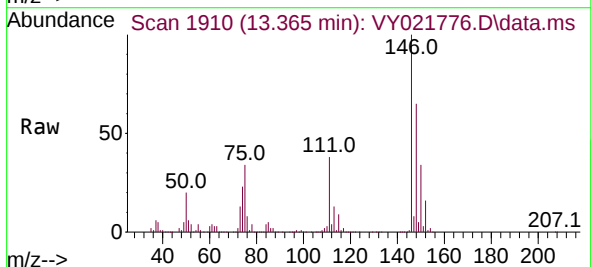
Tgt Ion:146 Resp: 264990

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 50.346 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

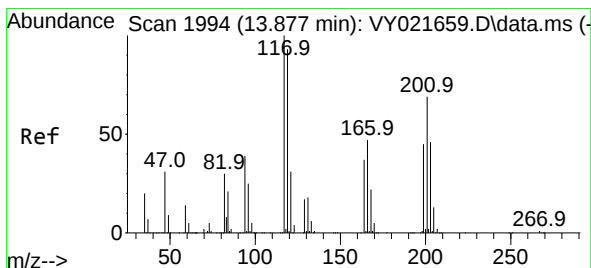
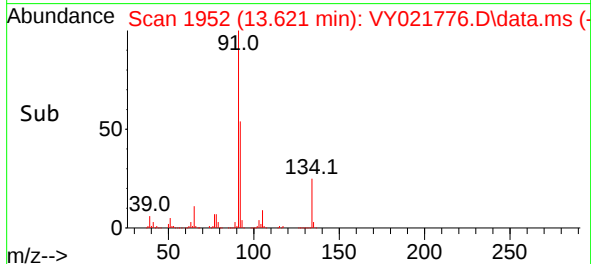
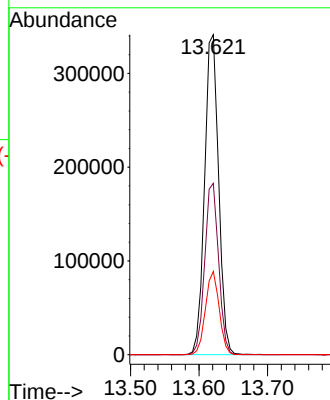
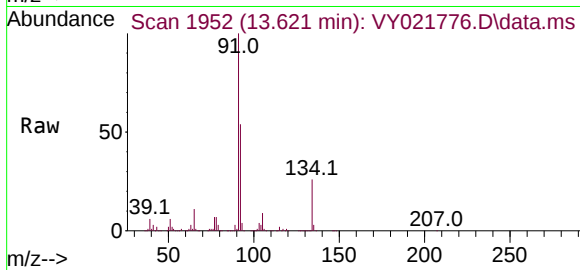
Tgt Ion: 91 Resp: 487055

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 48.010 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021776.D

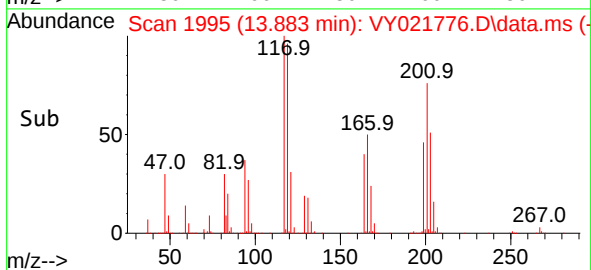
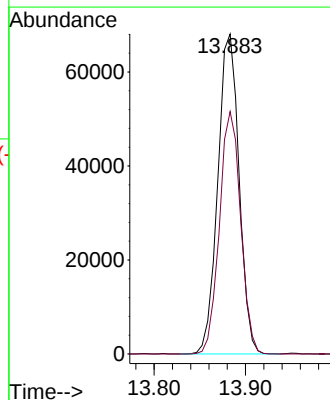
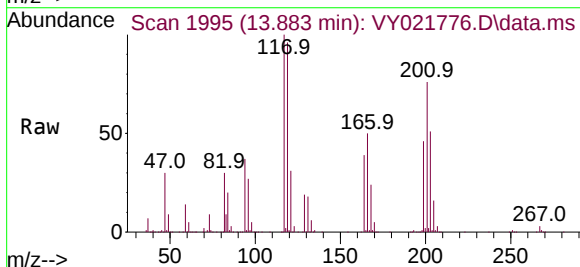
Acq: 04 Apr 2025 09:22

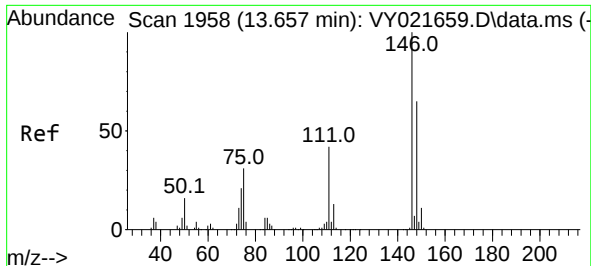
Tgt Ion: 117 Resp: 110054

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.1

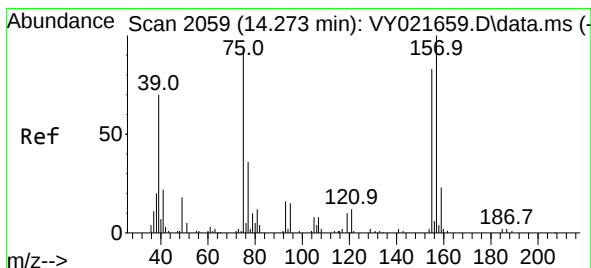
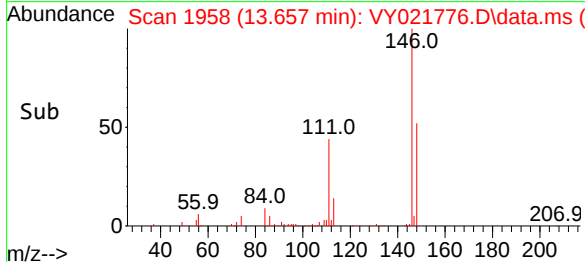
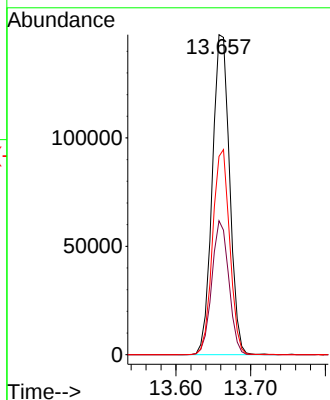
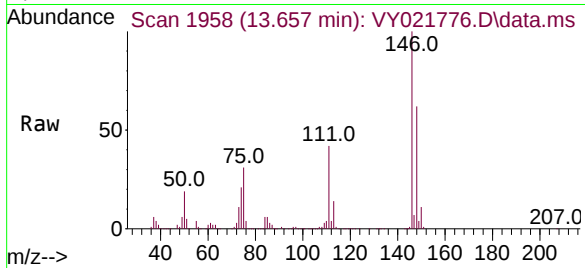




#91
1,2-Dichlorobenzene
Concen: 48.364 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

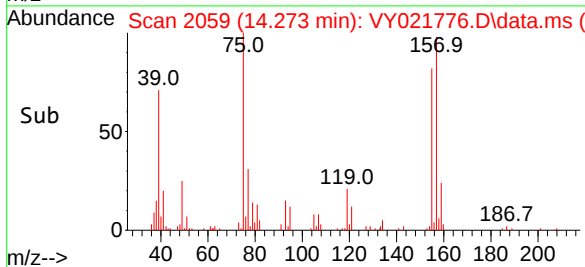
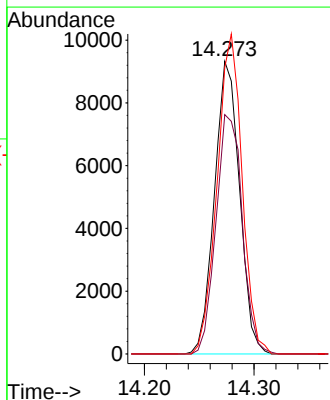
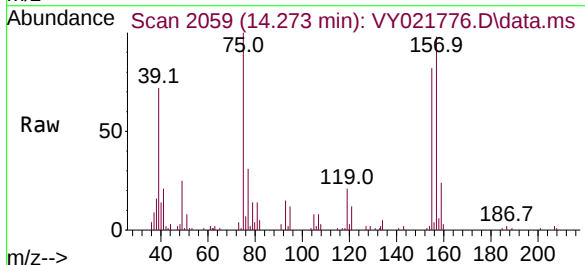
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

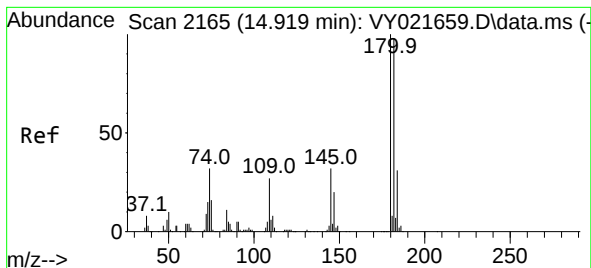
Tgt Ion:146 Resp: 236937
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 63.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.709 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 75 Resp: 14822
Ion Ratio Lower Upper
75 100
155 85.7 43.0 128.8
157 109.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 49.367 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

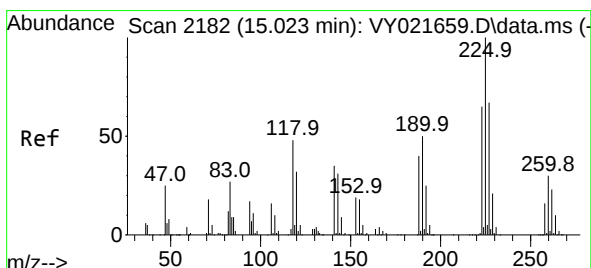
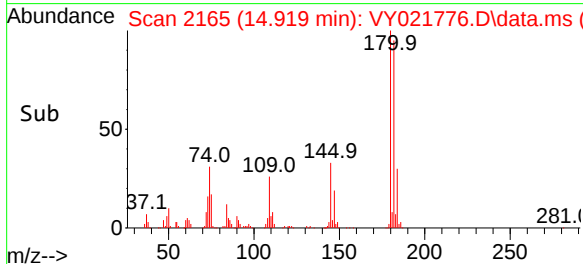
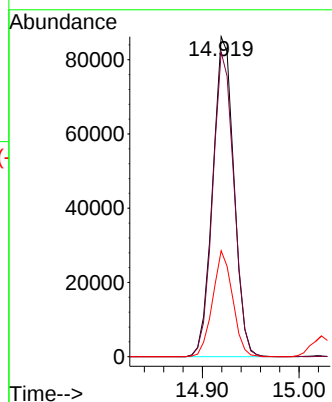
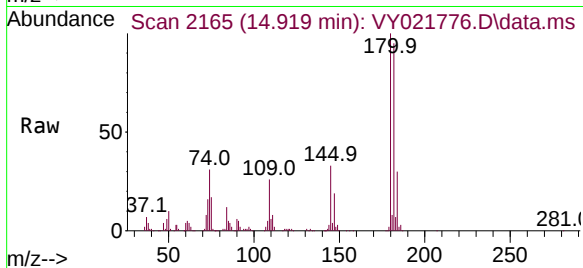
Tgt Ion:180 Resp: 131155

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.6

145 31.2 14.9 44.9



#94

Hexachlorobutadiene

Concen: 48.800 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

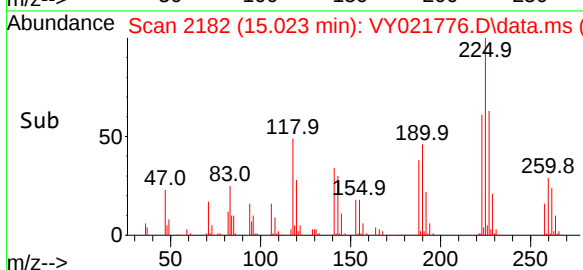
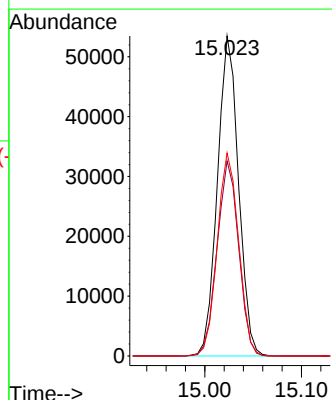
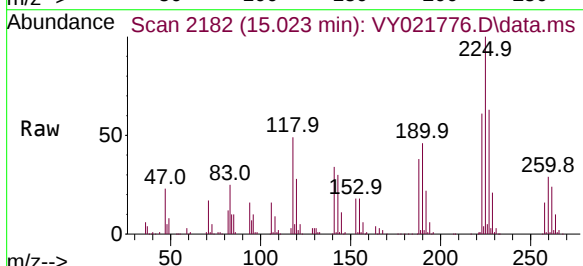
Tgt Ion:225 Resp: 80970

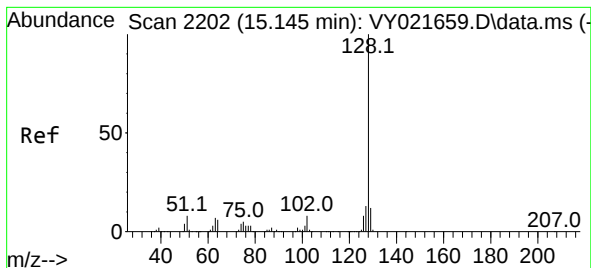
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.7

227 64.2 32.4 97.0





#95

Naphthalene

Concen: 48.786 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

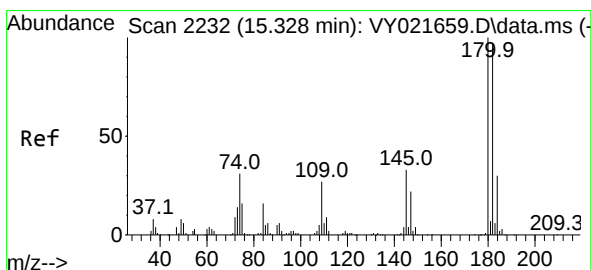
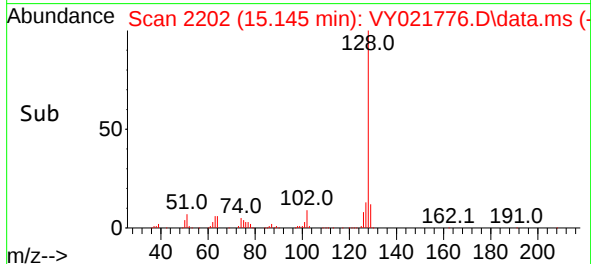
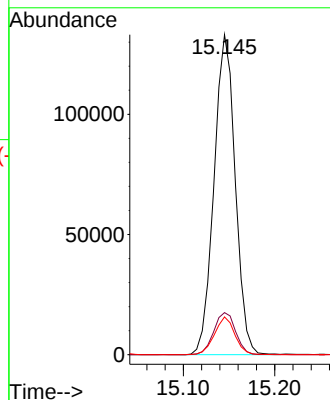
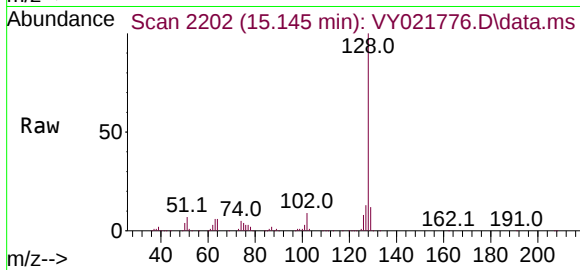
Tgt Ion:128 Resp: 214835

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.730 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion:180 Resp: 112664

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.5

145 31.5 15.9 47.7

