

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
 Data File : VY021995.D
 Acq On : 24 Apr 2025 12:49
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 25 01:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	288086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	443704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	422078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	230222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137895	51.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.640%	
35) Dibromofluoromethane	7.634	113	156069	53.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.109	98	610188	55.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.420%	
62) 4-Bromofluorobenzene	12.401	95	204326	54.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	114424	46.613	ug/l	100
3) Chloromethane	2.062	50	184017	52.646	ug/l	100
4) Vinyl Chloride	2.202	62	218257	50.813	ug/l	100
5) Bromomethane	2.592	94	183226	49.513	ug/l	98
6) Chloroethane	2.732	64	148311	50.700	ug/l	99
7) Trichlorofluoromethane	3.056	101	285995	50.494	ug/l	97
8) Diethyl Ether	3.452	74	69314	47.018	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	147782	48.098	ug/l	99
10) Methyl Iodide	4.007	142	190319	53.500	ug/l	98
11) Tert butyl alcohol	4.885	59	32414	221.882	ug/l	99
12) 1,1-Dichloroethene	3.787	96	141507	49.411	ug/l	98
13) Acrolein	3.653	56	50931	194.247	ug/l	98
14) Allyl chloride	4.385	41	168487	50.526	ug/l	99
15) Acrylonitrile	5.061	53	132603	245.701	ug/l	99
16) Acetone	3.879	43	86841	249.262	ug/l	95
17) Carbon Disulfide	4.104	76	458583	50.220	ug/l	98
18) Methyl Acetate	4.385	43	65575	52.755	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	322060	50.244	ug/l	100
20) Methylene Chloride	4.610	84	157768	46.888	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	165014	51.449	ug/l	94
22) Diisopropyl ether	6.018	45	393791	53.065	ug/l	98
23) Vinyl Acetate	5.958	43	1022452	255.651	ug/l	100
24) 1,1-Dichloroethane	5.915	63	261887	50.912	ug/l	98
25) 2-Butanone	6.902	43	143885	237.214	ug/l	97
26) 2,2-Dichloropropane	6.890	77	225043	49.916	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	185037	51.595	ug/l	99
28) Bromochloromethane	7.244	49	104039	52.072	ug/l	99
29) Tetrahydrofuran	7.262	42	97869	248.429	ug/l	98
30) Chloroform	7.421	83	293608	51.458	ug/l	97
31) Cyclohexane	7.701	56	215776	49.053	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	259651	50.300	ug/l	100
36) 1,1-Dichloropropene	7.835	75	203377	51.650	ug/l	100
37) Ethyl Acetate	6.988	43	70076	49.552	ug/l	99
38) Carbon Tetrachloride	7.817	117	239204	50.839	ug/l	98
39) Methylcyclohexane	9.109	83	254583	51.377	ug/l	96
40) Benzene	8.079	78	647471	52.603	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	33433	43.247	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	157834	51.792	ug/l	99
43) Isopropyl Acetate	8.195	43	135982	50.070	ug/l	99
44) Trichloroethene	8.866	130	172518	50.602	ug/l	99
45) 1,2-Dichloropropane	9.140	63	141705	52.059	ug/l	99
46) Dibromomethane	9.231	93	87699	51.468	ug/l	100
47) Bromodichloromethane	9.420	83	226723	53.262	ug/l	100
48) Methyl methacrylate	9.219	41	62767	49.994	ug/l	95
49) 1,4-Dioxane	9.237	88	18235	1004.054	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	368845	259.080	ug/l	100
52) Toluene	10.170	92	432768	54.316	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	193270	52.933	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	227522	52.421	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	119653	52.570	ug/l	99
56) Ethyl methacrylate	10.438	69	138649	53.268	ug/l	99
57) 1,3-Dichloropropane	10.719	76	190863	52.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	357109	280.610	ug/l	99
59) 2-Hexanone	10.762	43	246044	262.019	ug/l	99
60) Dibromochloromethane	10.908	129	165836	52.626	ug/l	99
61) 1,2-Dibromoethane	11.011	107	112440	52.328	ug/l	99
64) Tetrachloroethene	10.646	164	198489	49.850	ug/l	98
65) Chlorobenzene	11.438	112	477643	50.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	172328	51.860	ug/l	100
67) Ethyl Benzene	11.518	91	811261	52.542	ug/l	100
68) m/p-Xylenes	11.627	106	656589	106.866	ug/l	100
69) o-Xylene	11.956	106	301060	53.164	ug/l	100
70) Styrene	11.969	104	517422	54.419	ug/l	99
71) Bromoform	12.133	173	97214	50.319	ug/l #	99
73) Isopropylbenzene	12.255	105	787680	51.210	ug/l	100
74) N-amyl acetate	12.072	43	125428	47.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	122396	47.198	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	162456	82.383	ug/l #	100
77) Bromobenzene	12.530	156	194457	50.032	ug/l	99
78) n-propylbenzene	12.597	91	937658	51.190	ug/l	100
79) 2-Chlorotoluene	12.682	91	541409	50.824	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	650635	51.339	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	38521	47.042	ug/l	99
82) 4-Chlorotoluene	12.779	91	562953	50.837	ug/l	100
83) tert-Butylbenzene	12.999	119	580389	51.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	659154	51.999	ug/l	100
85) sec-Butylbenzene	13.176	105	844537	50.778	ug/l	100
86) p-Isopropyltoluene	13.292	119	722832	51.181	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	390344	49.449	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	380313	48.646	ug/l	99
89) n-Butylbenzene	13.615	91	627547	49.712	ug/l	100
90) Hexachloroethane	13.877	117	150133	48.384	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	339446	49.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18798	45.563	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	184715	47.344	ug/l	99
94) Hexachlorobutadiene	15.023	225	109994	45.822	ug/l	100
95) Naphthalene	15.145	128	310135	47.852	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	160134	47.548	ug/l	100

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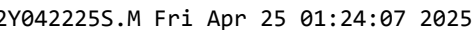
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

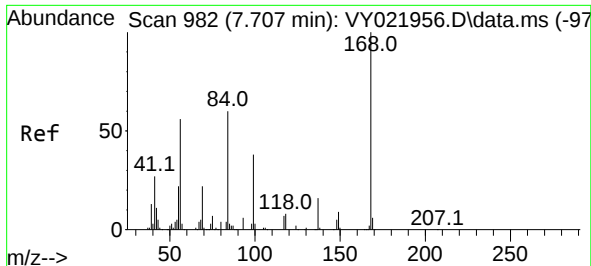
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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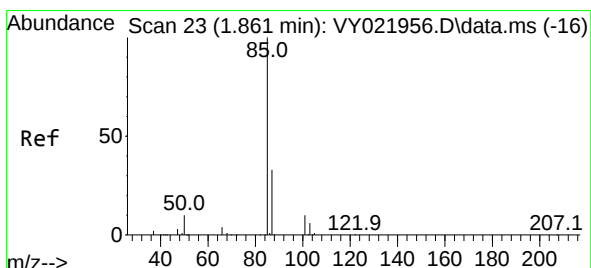
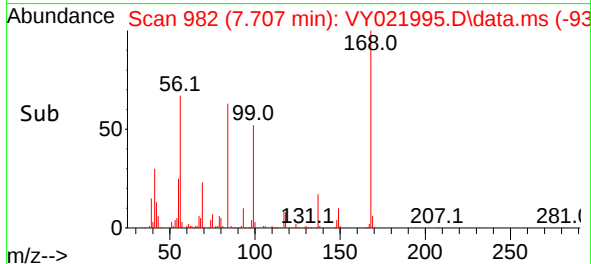
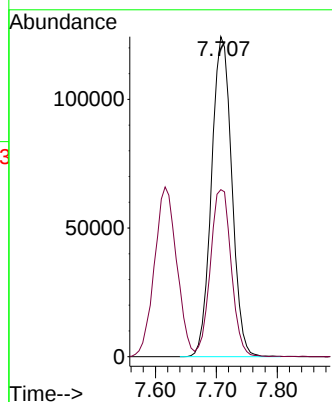
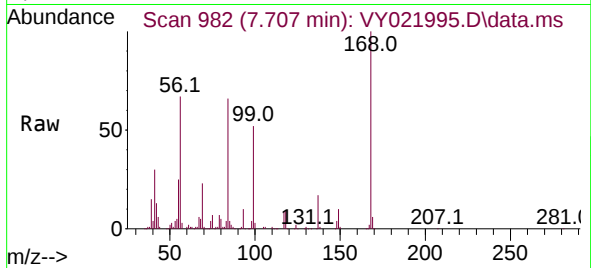




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021995.D
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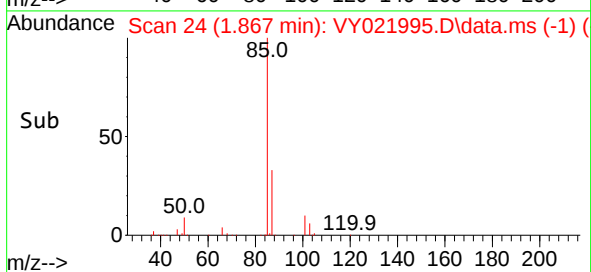
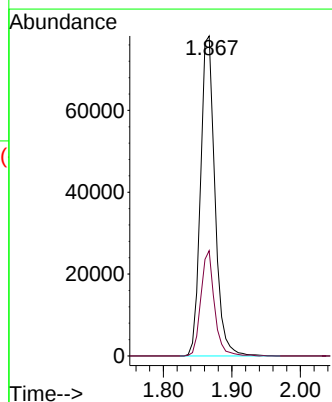
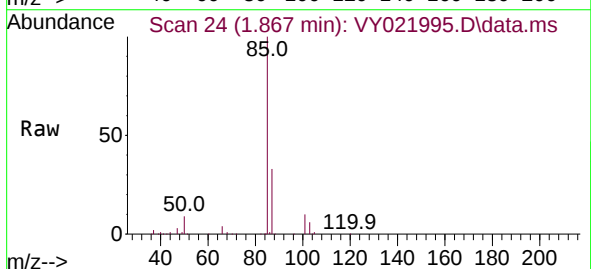
Instrument :
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ClientSampleId :
VSTDCCC050EC

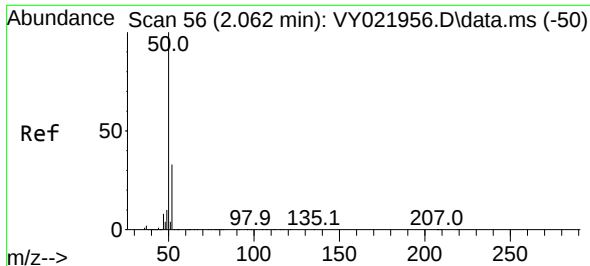
Tgt Ion:168 Resp: 288086
Ion Ratio Lower Upper
168 100
99 52.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 46.613 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 85 Resp: 114424
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.7

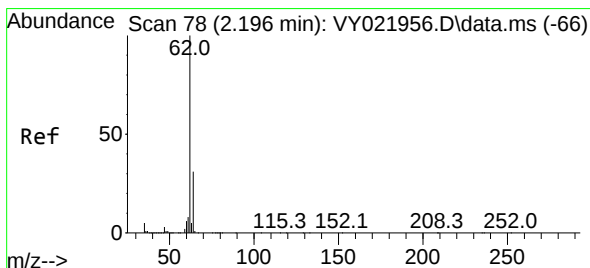
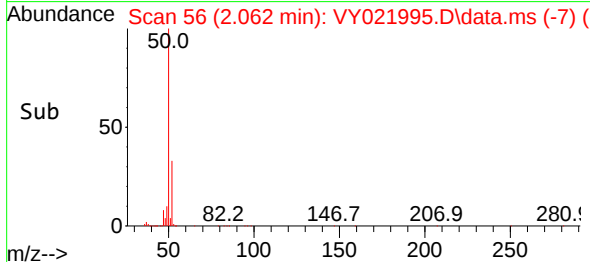
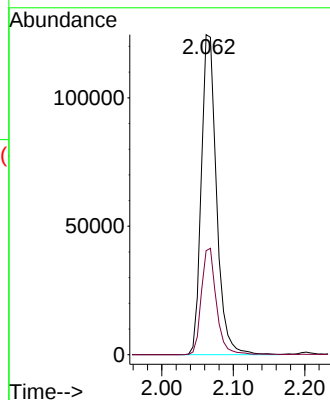
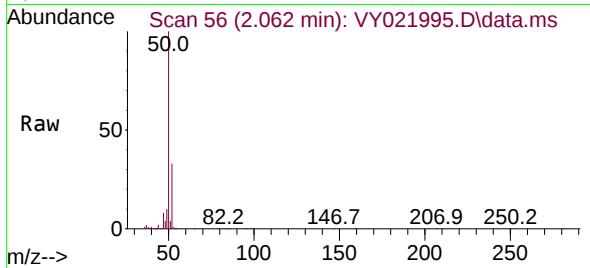




#3
Chloromethane
Concen: 52.646 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

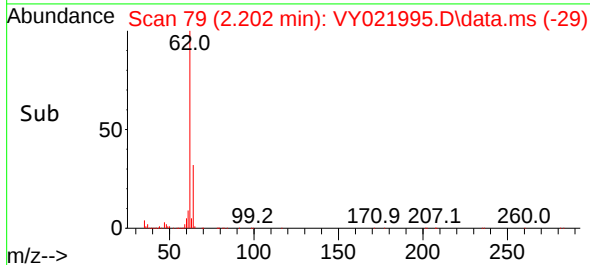
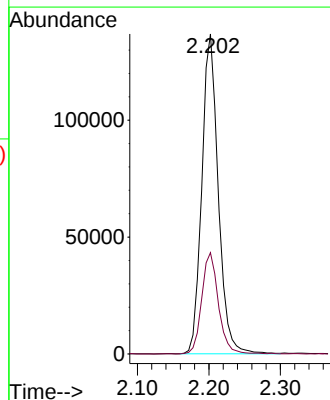
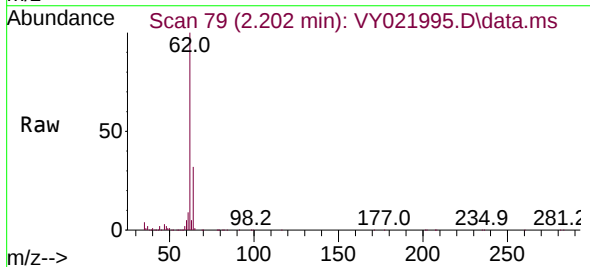
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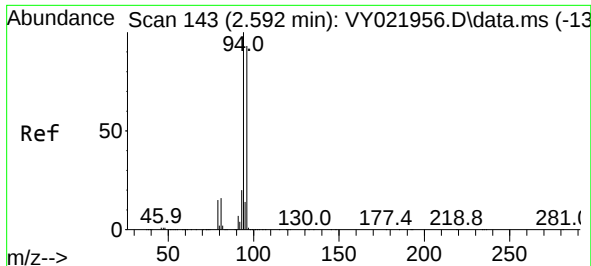
Tgt Ion: 50 Resp: 184017
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 50.813 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 62 Resp: 218257
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

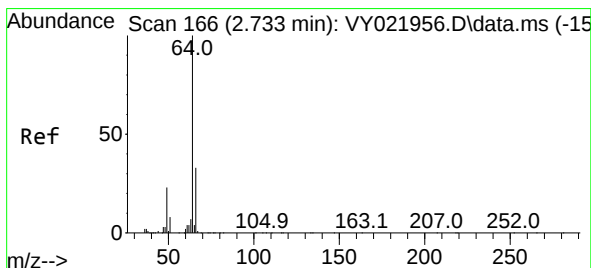
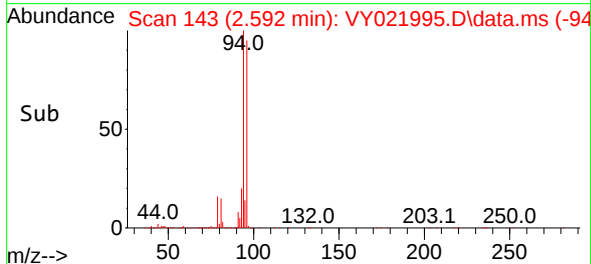
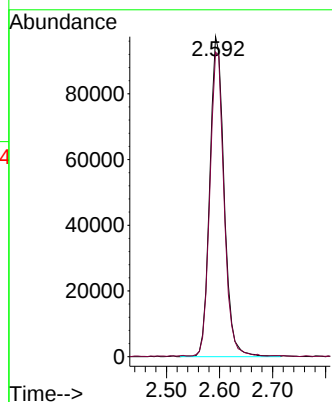
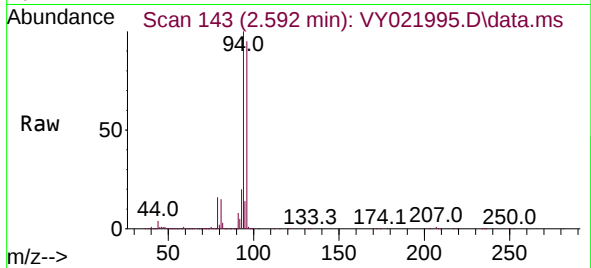




#5
Bromomethane
Concen: 49.513 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

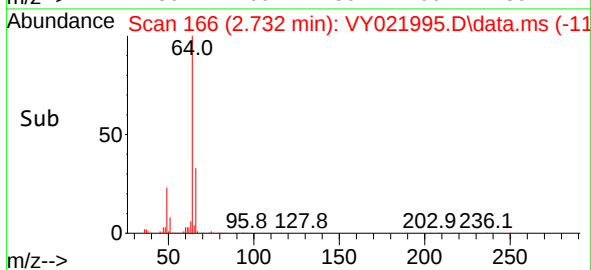
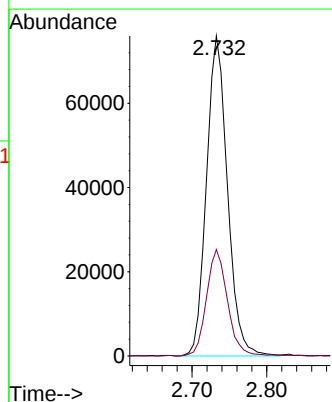
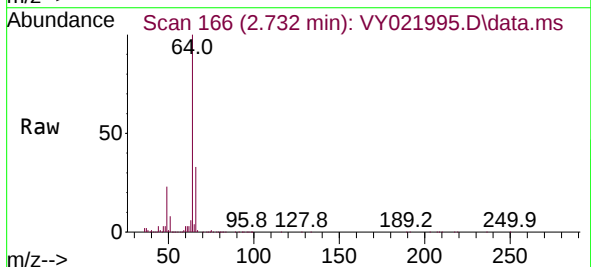
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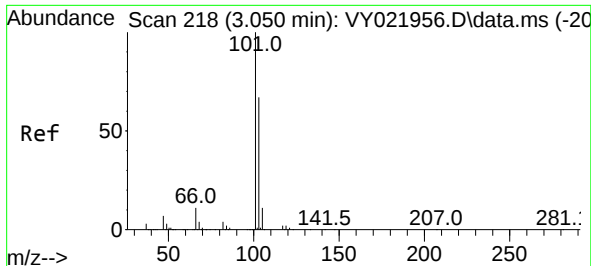
Tgt Ion: 94 Resp: 183226
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8



#6
Chloroethane
Concen: 50.700 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 64 Resp: 148311
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4

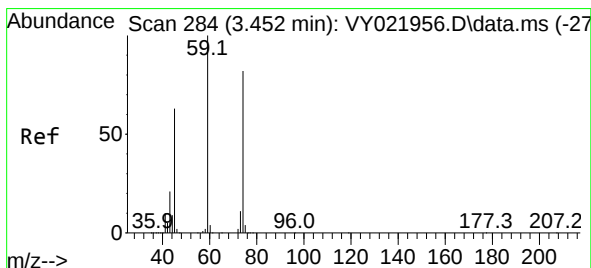
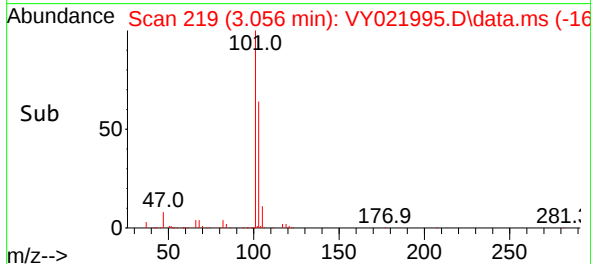
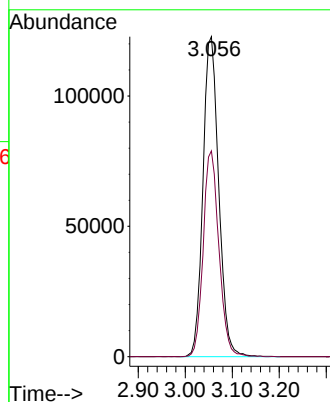
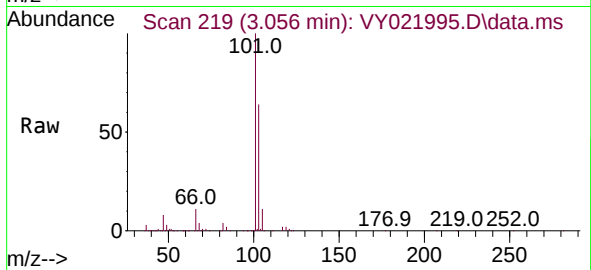




#7
Trichlorofluoromethane
Concen: 50.494 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

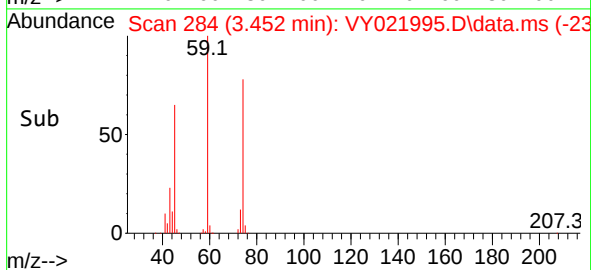
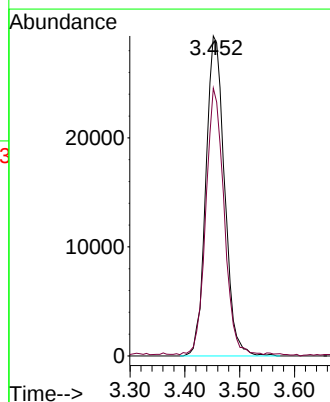
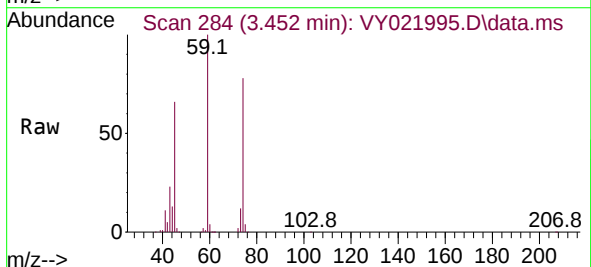
Instrument :
MSVOA_Y
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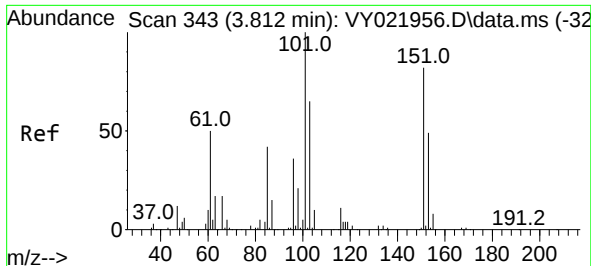
Tgt Ion:101 Resp: 285995
Ion Ratio Lower Upper
101 100
103 64.3 53.6 80.4



#8
Diethyl Ether
Concen: 47.018 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 74 Resp: 69314
Ion Ratio Lower Upper
74 100
45 81.1 39.1 117.5

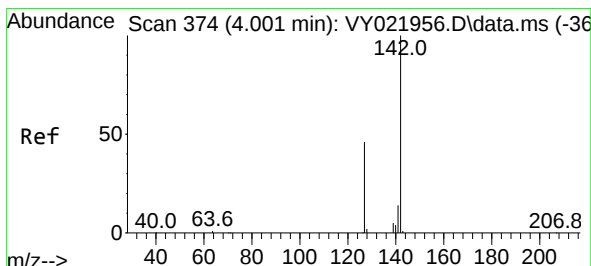
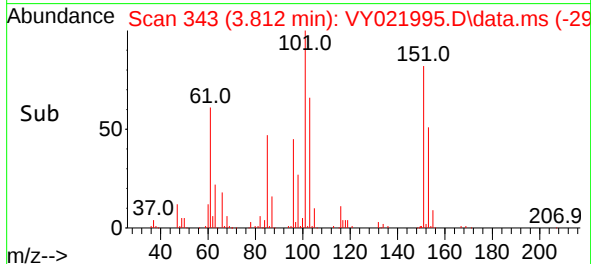
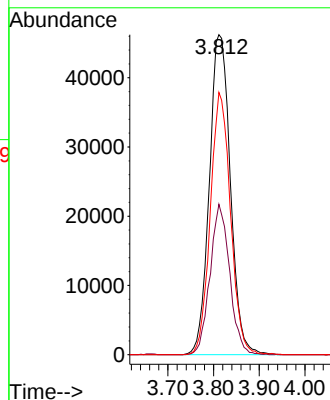
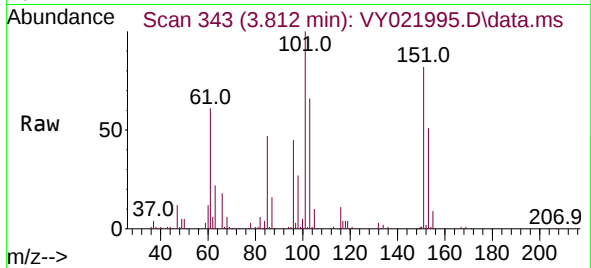




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.098 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

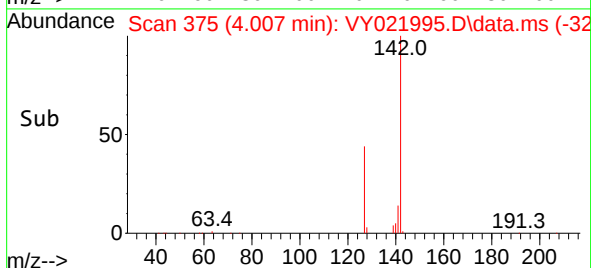
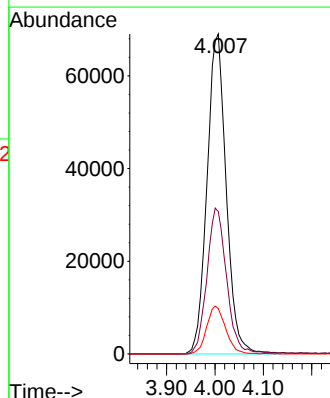
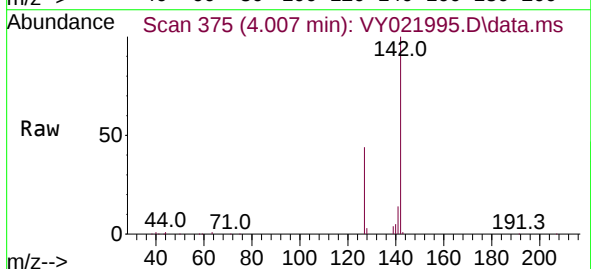
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

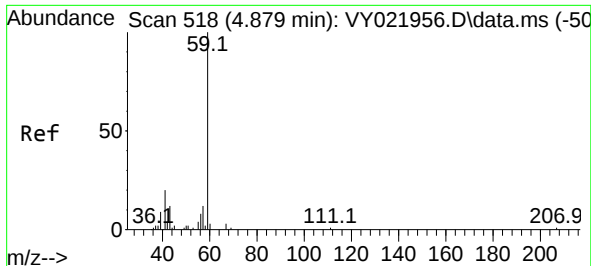
Tgt Ion:101 Resp: 147782
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 78.8 63.7 95.5



#10
Methyl Iodide
Concen: 53.500 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion:142 Resp: 190319
Ion Ratio Lower Upper
142 100
127 47.0 36.2 54.2
141 14.8 11.7 17.5

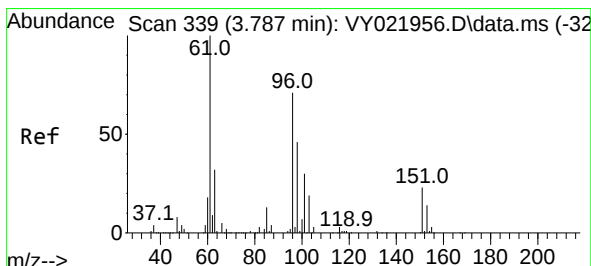
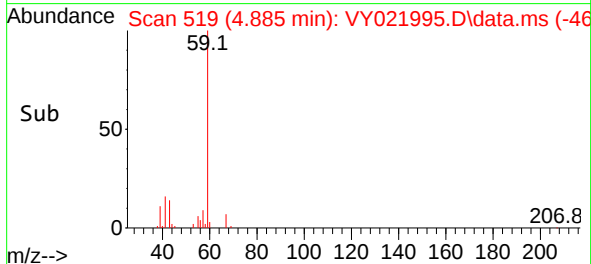
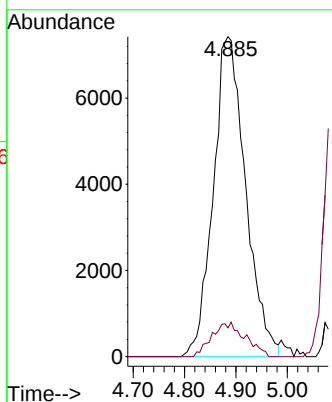
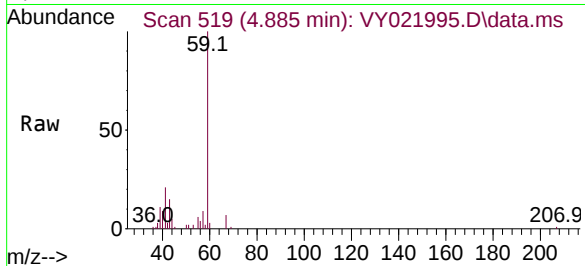




#11
Tert butyl alcohol
Concen: 221.882 ug/l
RT: 4.885 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

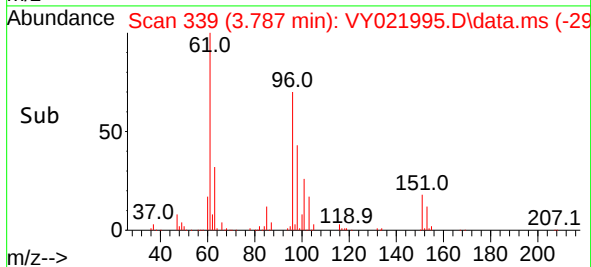
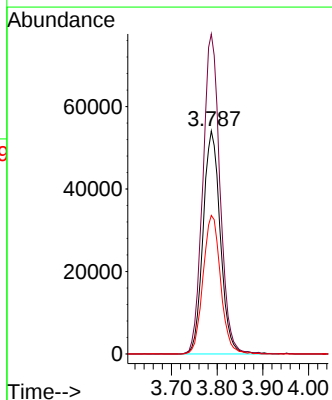
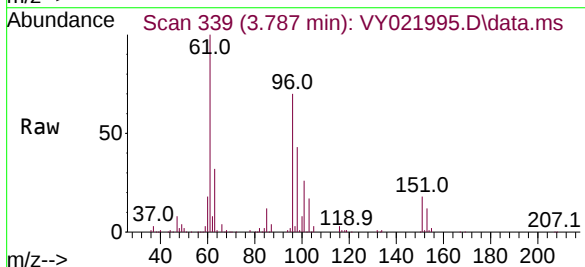
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

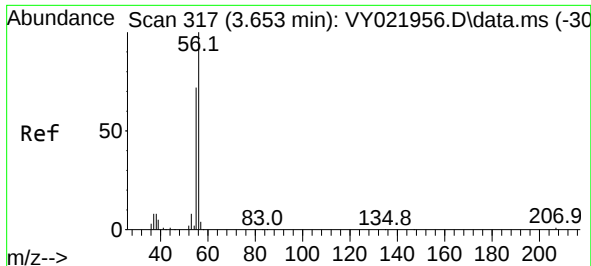
Tgt Ion: 59 Resp: 32414
Ion Ratio Lower Upper
59 100
57 11.0 9.3 13.9



#12
1,1-Dichloroethene
Concen: 49.411 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 96 Resp: 141507
Ion Ratio Lower Upper
96 100
61 143.5 113.0 169.4
98 62.1 51.4 77.2





#13

Acrolein

Concen: 194.247 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

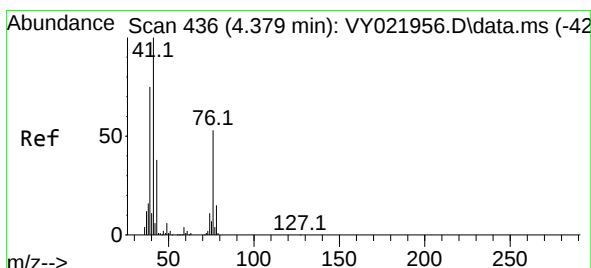
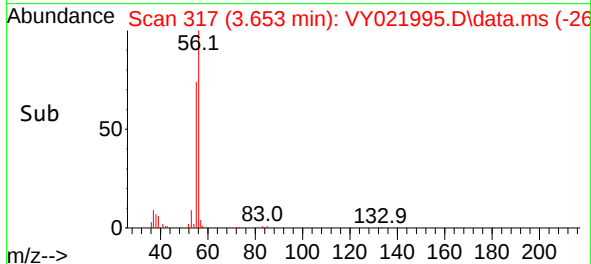
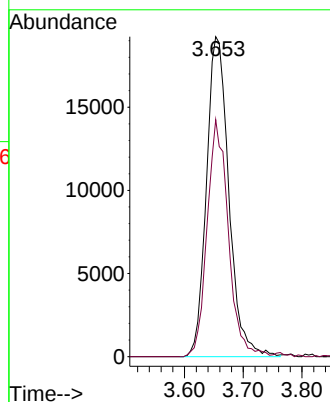
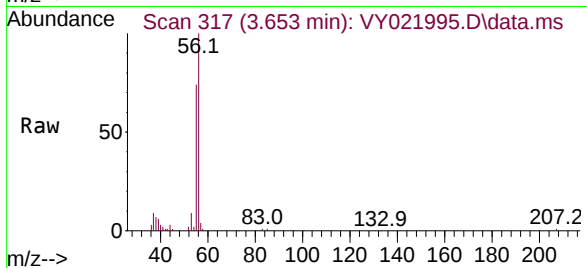
VSTDCCC050EC

Tgt Ion: 56 Resp: 50931

Ion Ratio Lower Upper

56 100

55 70.1 57.4 86.0



#14

Allyl chloride

Concen: 50.526 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

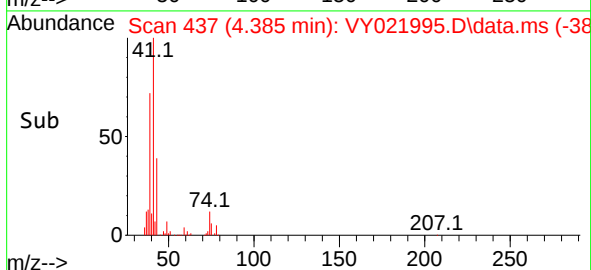
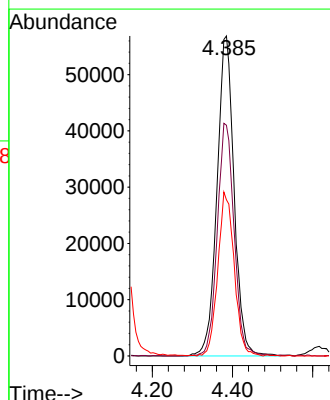
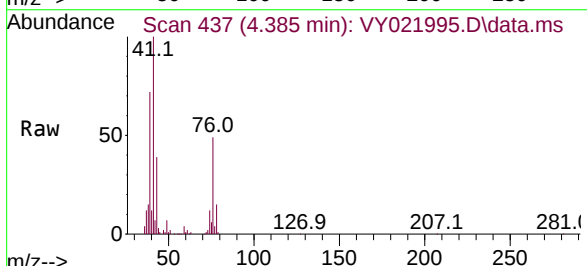
Tgt Ion: 41 Resp: 168487

Ion Ratio Lower Upper

41 100

39 71.7 57.2 85.8

76 48.9 39.7 59.5

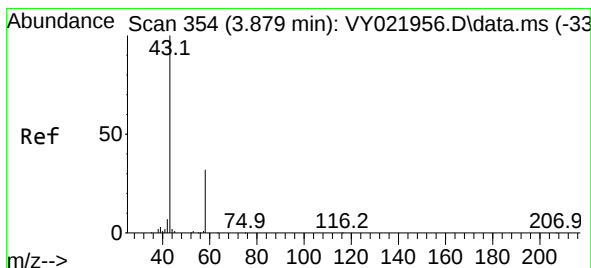
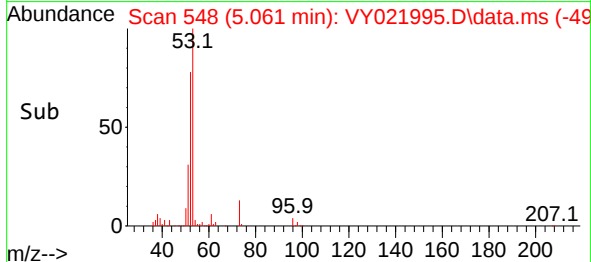
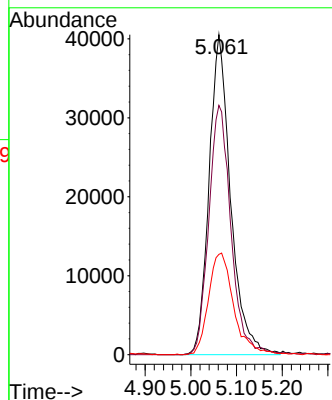
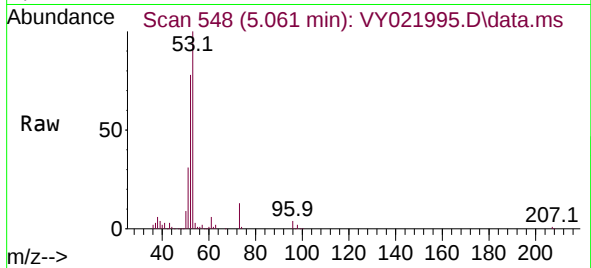




#15
Acrylonitrile
Concen: 245.701 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

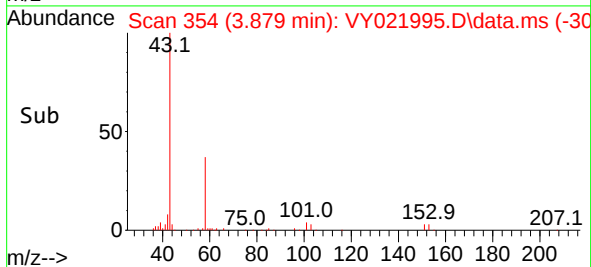
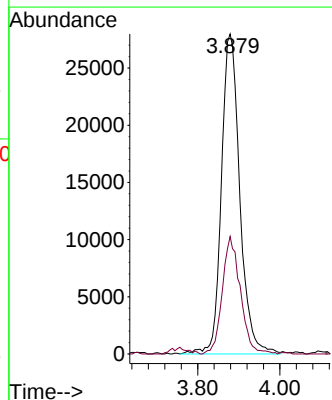
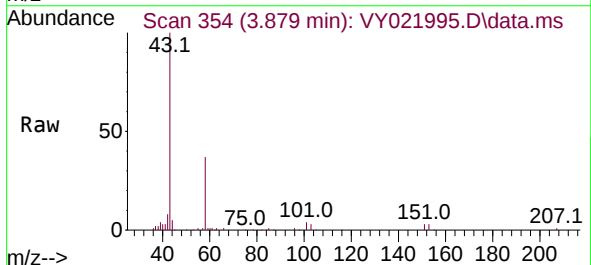
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

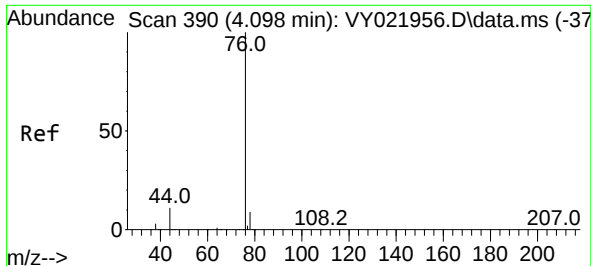
Tgt Ion: 53 Resp: 132603
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.6
51 37.2 28.9 43.3



#16
Acetone
Concen: 249.262 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 43 Resp: 86841
Ion Ratio Lower Upper
43 100
58 36.4 27.0 40.4

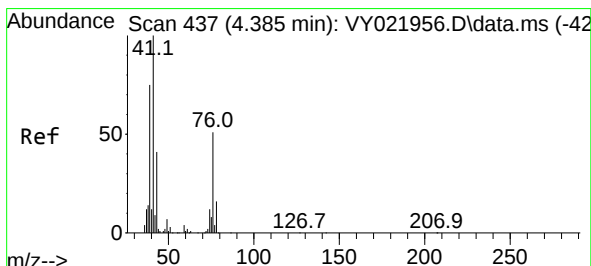
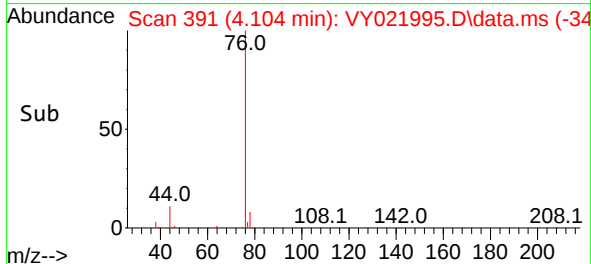
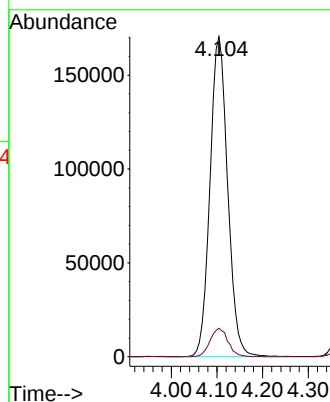
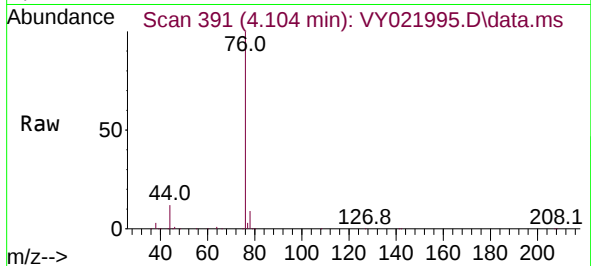




#17
Carbon Disulfide
Concen: 50.220 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

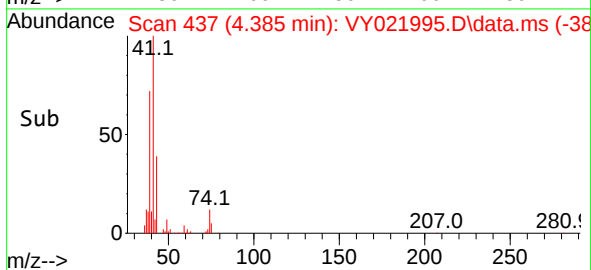
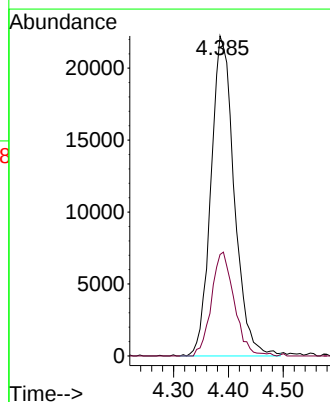
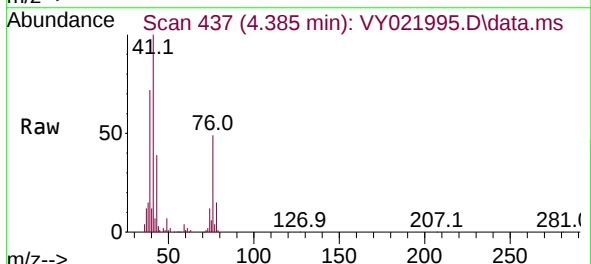
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

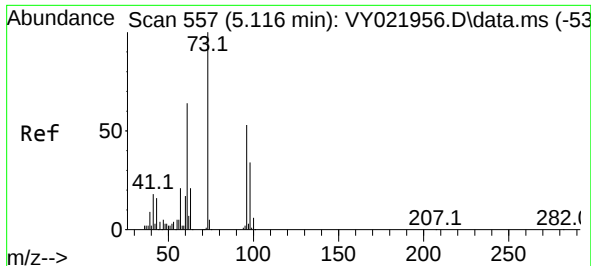
Tgt Ion: 76 Resp: 458583
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 52.755 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 43 Resp: 65575
Ion Ratio Lower Upper
43 100
74 31.9 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 50.244 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

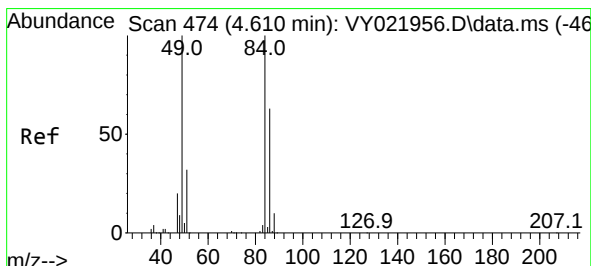
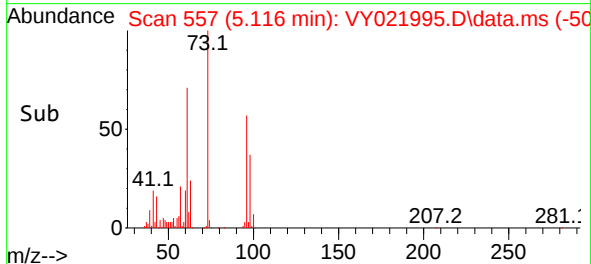
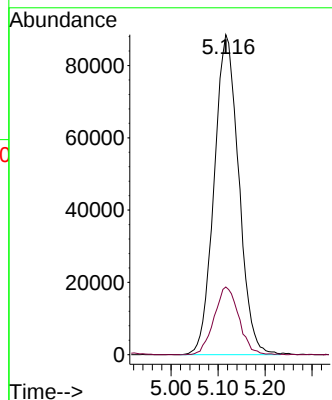
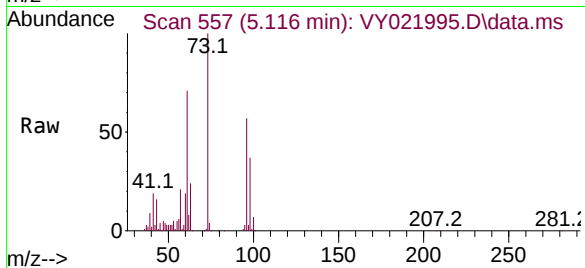
VSTDCCC050EC

Tgt Ion: 73 Resp: 322060

Ion Ratio Lower Upper

73 100

57 21.2 16.9 25.3



#20

Methylene Chloride

Concen: 46.888 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Tgt Ion: 84 Resp: 157768

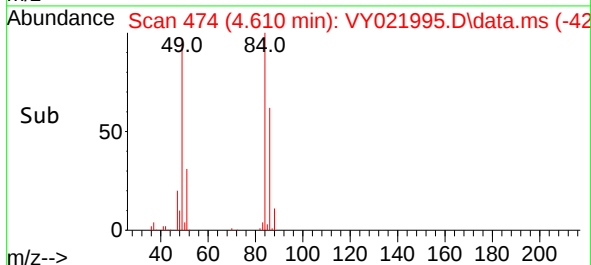
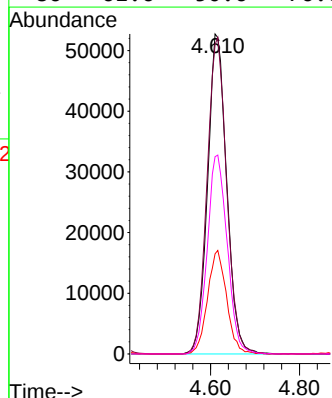
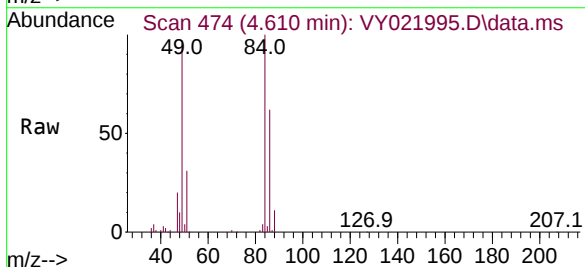
Ion Ratio Lower Upper

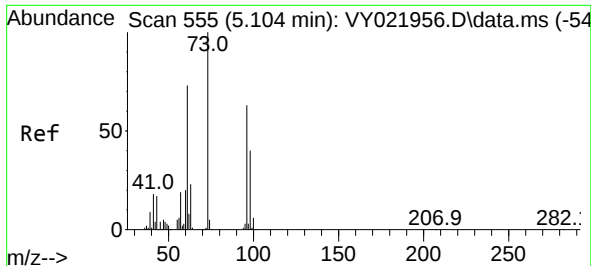
84 100

49 96.7 79.9 119.9

51 31.3 25.4 38.0

86 61.6 50.6 76.0



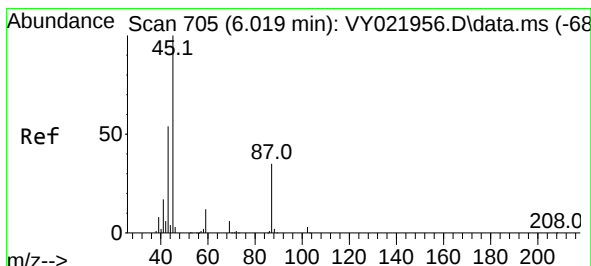
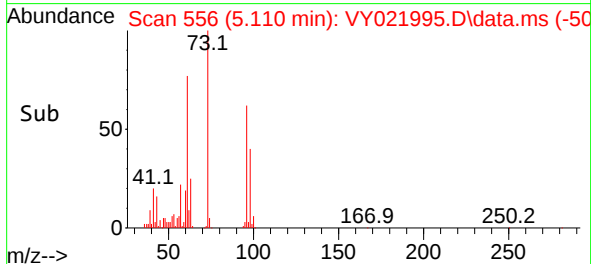
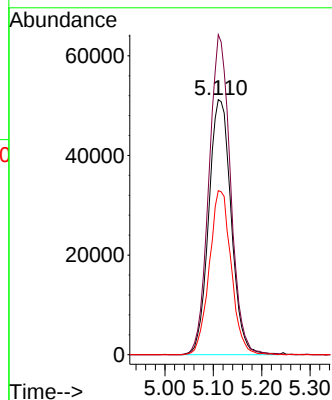
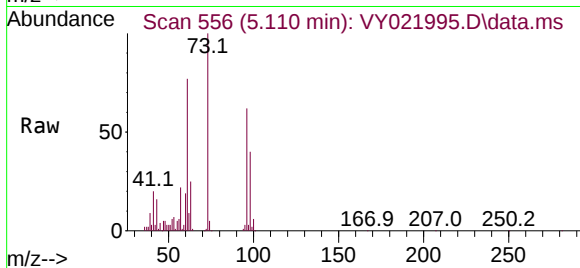


#21
trans-1,2-Dichloroethene
Concen: 51.449 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 165014

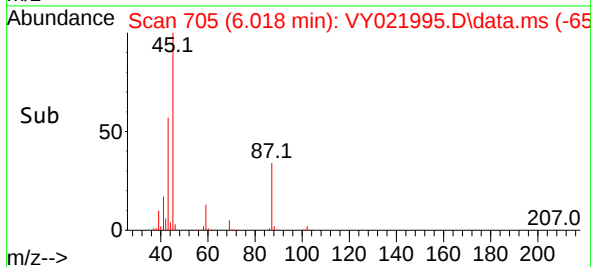
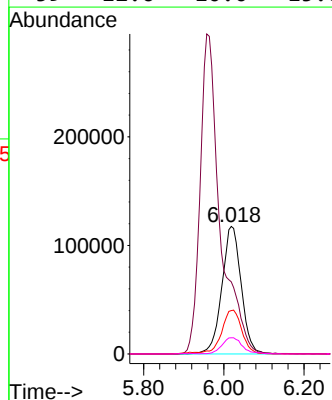
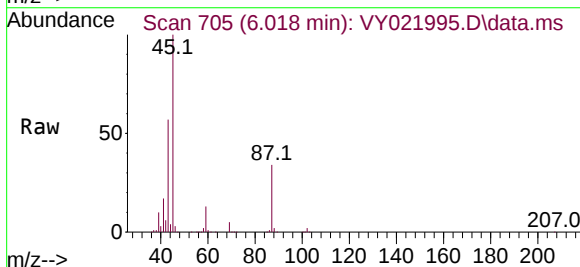
Ion	Ratio	Lower	Upper
96	100		
61	125.4	92.6	138.8
98	64.3	50.2	75.4

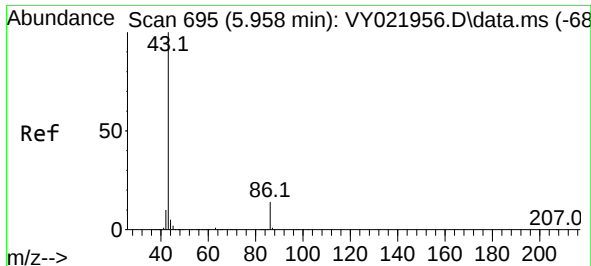


#22
Diisopropyl ether
Concen: 53.065 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 45 Resp: 393791

Ion	Ratio	Lower	Upper
45	100		
43	56.4	43.6	65.4
87	33.9	28.2	42.4
59	12.6	10.0	15.0

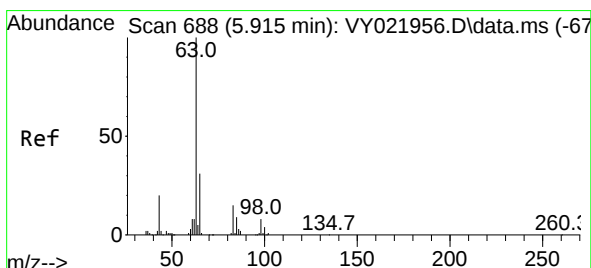
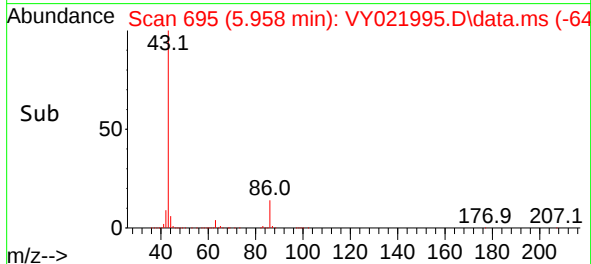
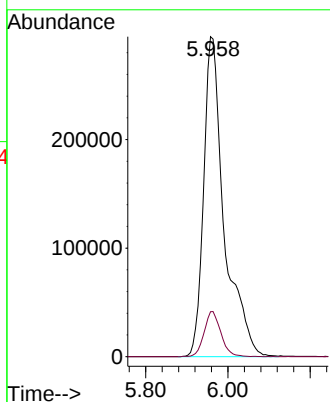
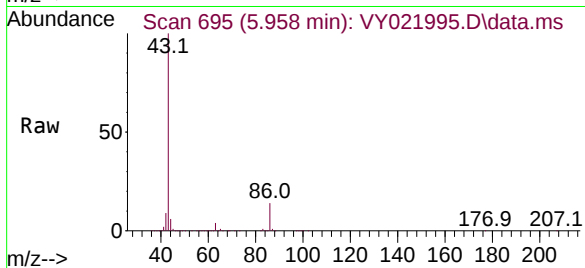




#23
 Vinyl Acetate
 Concen: 255.651 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

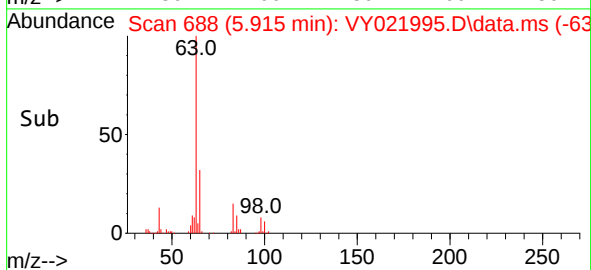
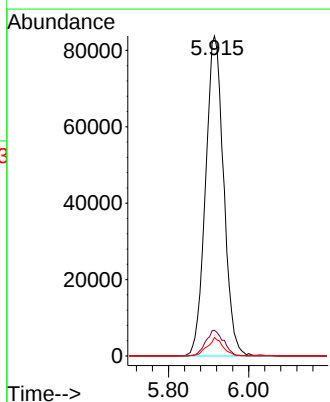
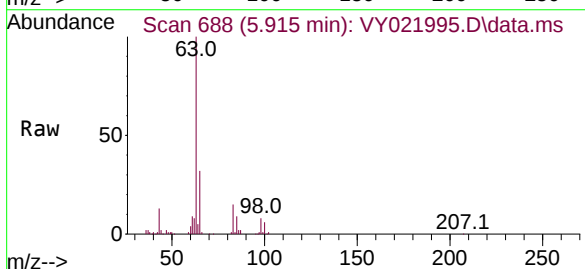
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

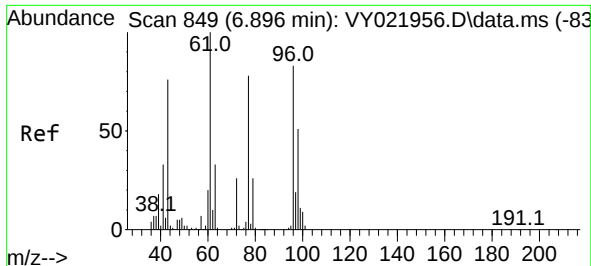
Tgt Ion: 43 Resp: 1022452
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 50.912 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

Tgt Ion: 63 Resp: 261887
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 5.8 2.0 6.0





#25

2-Butanone

Concen: 237.214 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

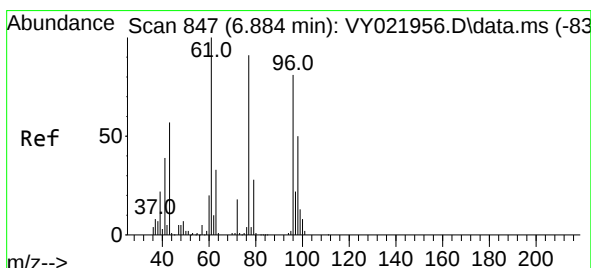
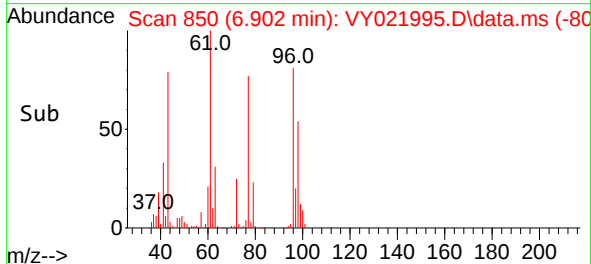
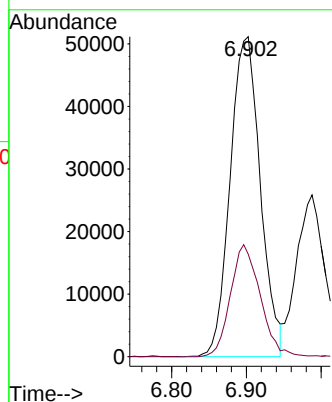
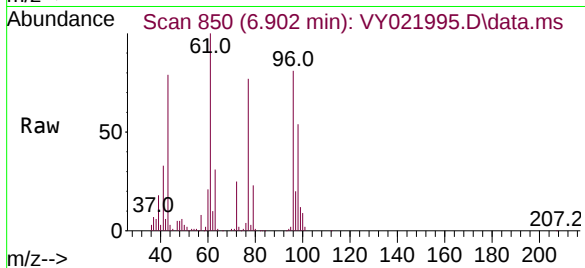
VSTDCCC050EC

Tgt Ion: 43 Resp: 143885

Ion Ratio Lower Upper

43 100

72 32.1 27.0 40.4



#26

2,2-Dichloropropane

Concen: 49.916 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021995.D

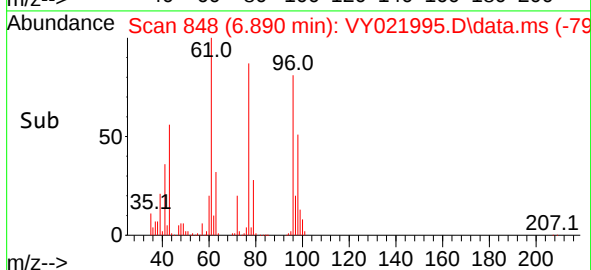
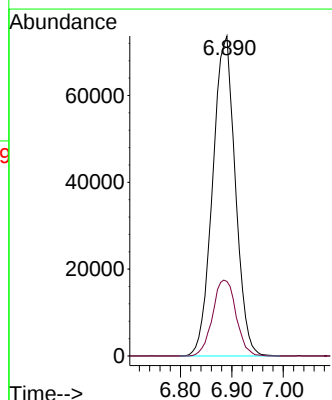
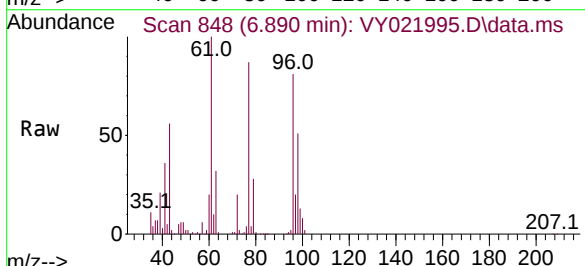
Acq: 24 Apr 2025 12:49

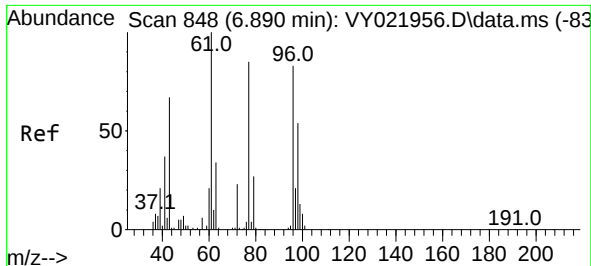
Tgt Ion: 77 Resp: 225043

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 51.595 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

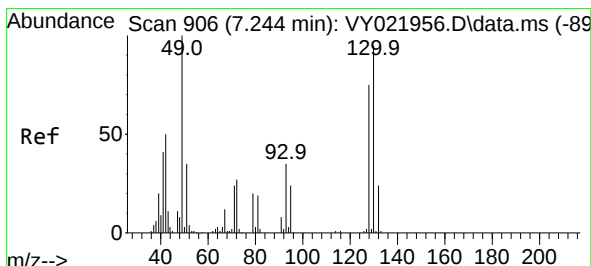
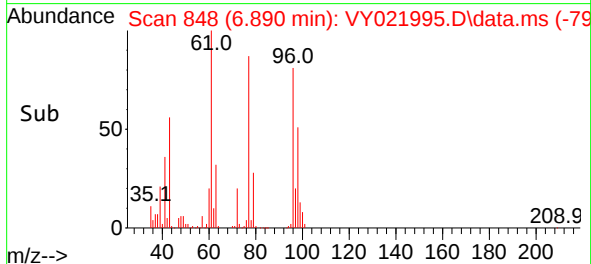
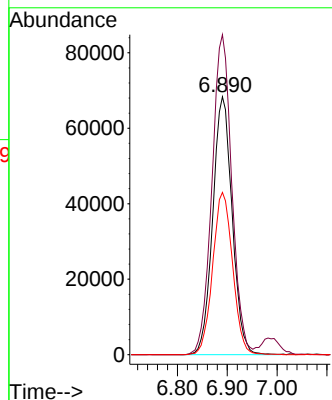
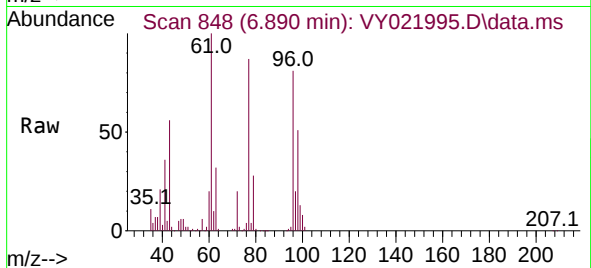
Tgt Ion: 96 Resp: 185037

Ion Ratio Lower Upper

96 100

61 126.7 0.0 251.4

98 64.5 0.0 128.4



#28

Bromochloromethane

Concen: 52.072 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

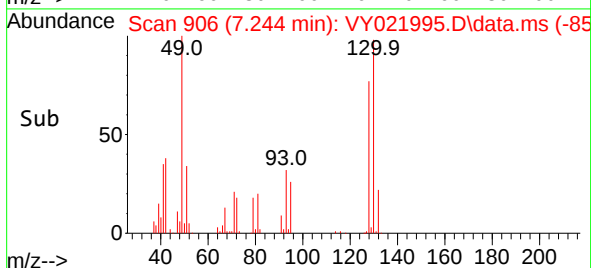
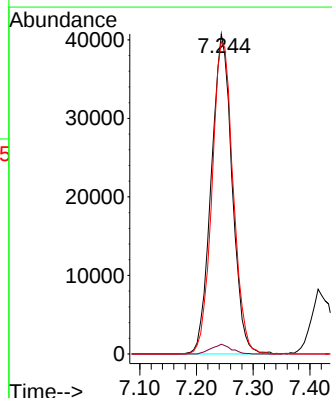
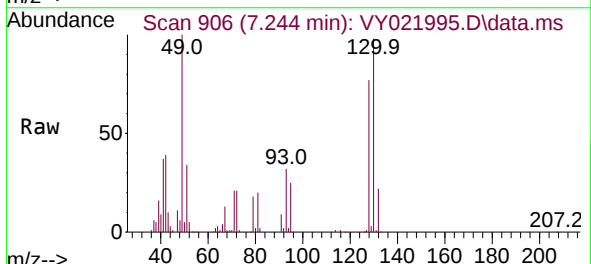
Tgt Ion: 49 Resp: 104039

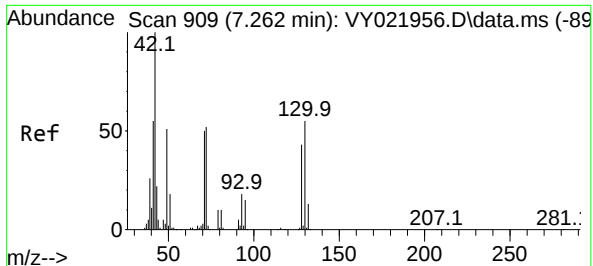
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.0

130 98.6 78.2 117.4

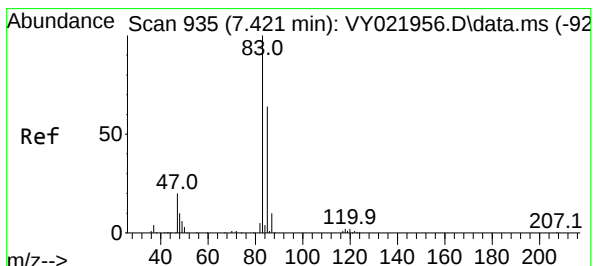
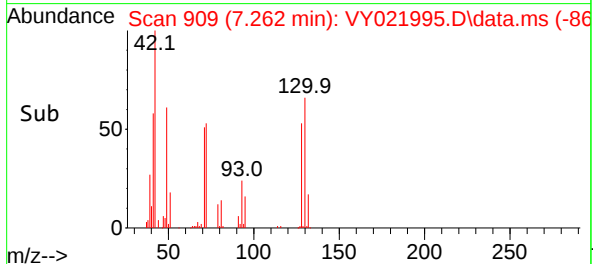
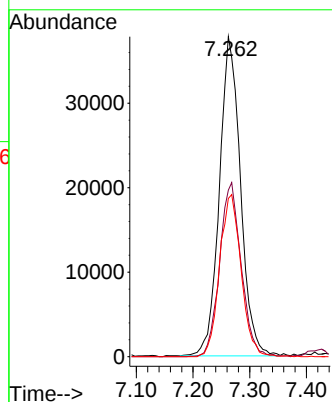
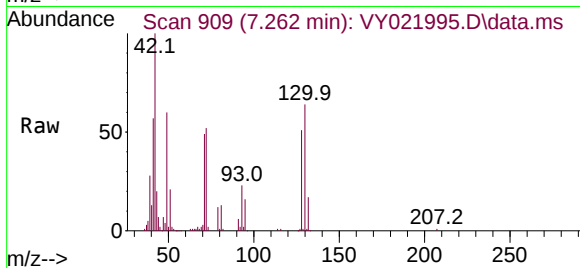




#29
Tetrahydrofuran
Concen: 248.429 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

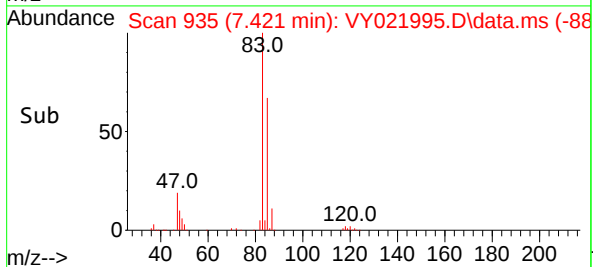
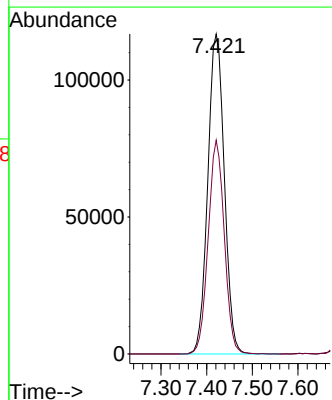
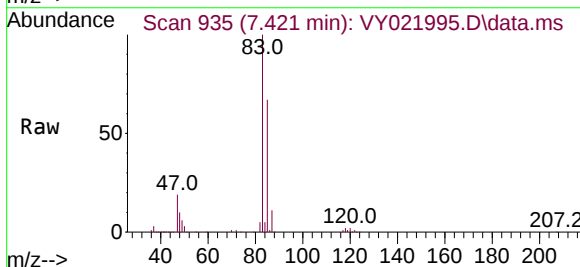
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

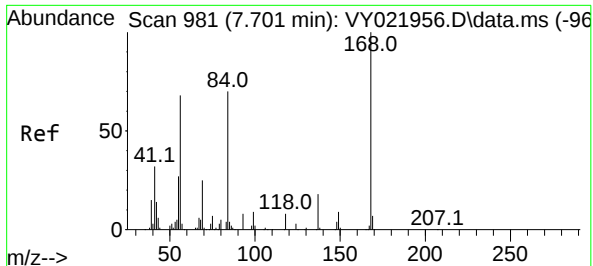
Tgt Ion: 42 Resp: 97869
Ion Ratio Lower Upper
42 100
72 55.6 42.6 63.8
71 51.6 40.6 61.0



#30
Chloroform
Concen: 51.458 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 83 Resp: 293608
Ion Ratio Lower Upper
83 100
85 66.8 51.3 76.9

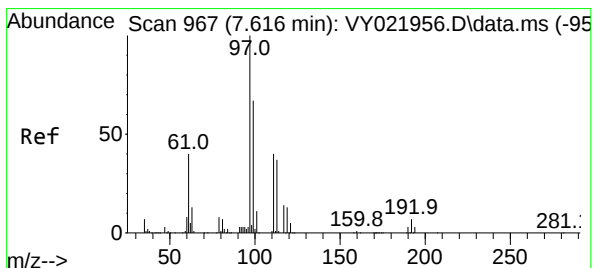
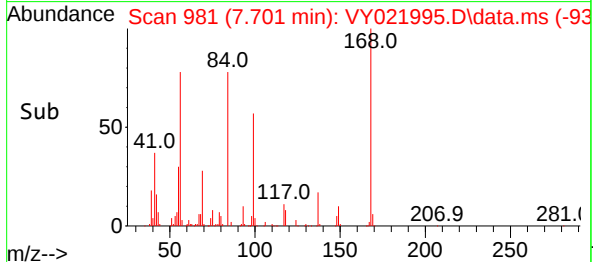
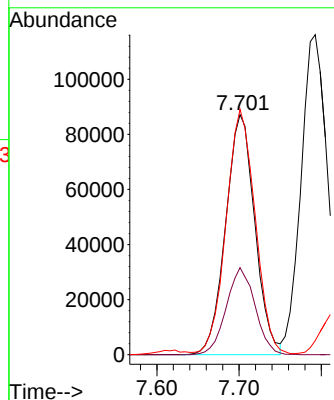
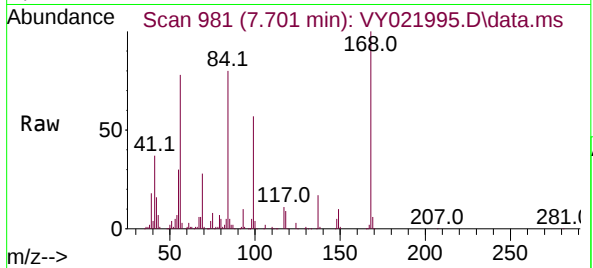




#31
Cyclohexane
Concen: 49.053 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

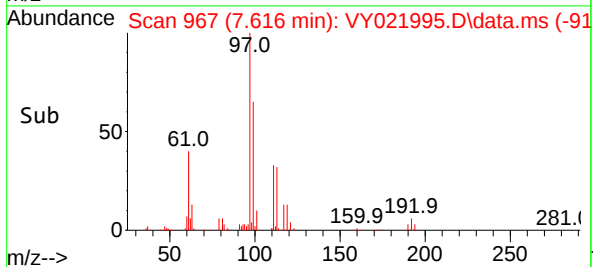
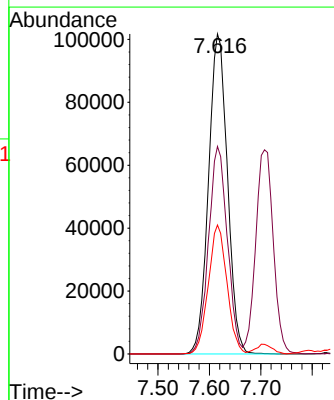
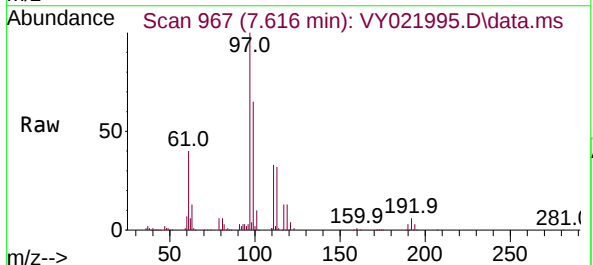
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

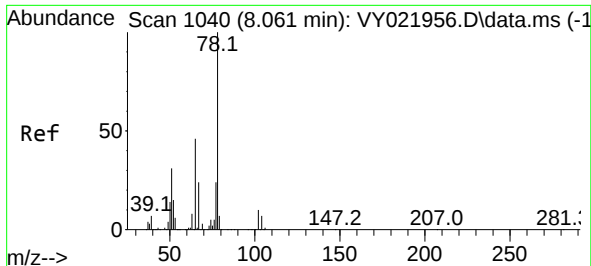
Tgt Ion: 56 Resp: 215776
Ion Ratio Lower Upper
56 100
69 36.3 29.4 44.2
84 101.1 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 50.300 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 97 Resp: 259651
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 39.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.821 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

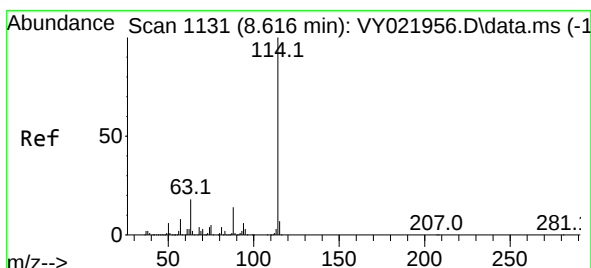
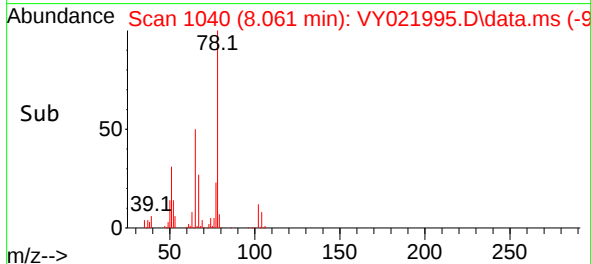
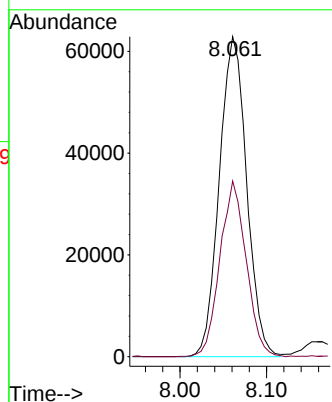
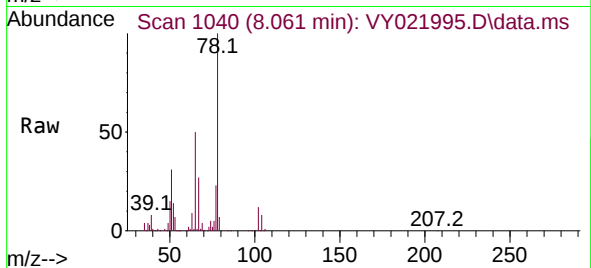
VSTDCCC050EC

Tgt Ion: 65 Resp: 137895

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

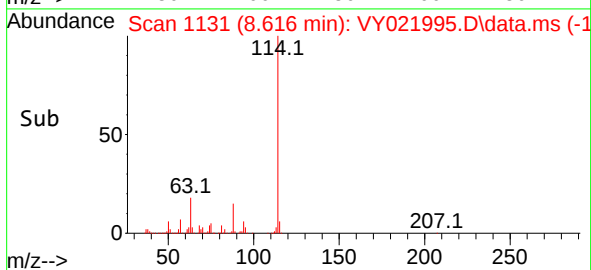
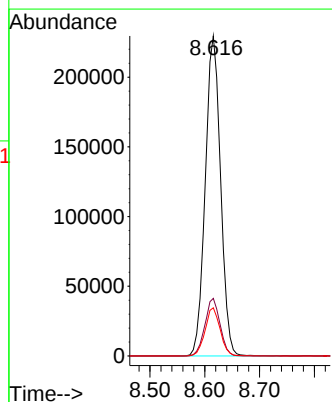
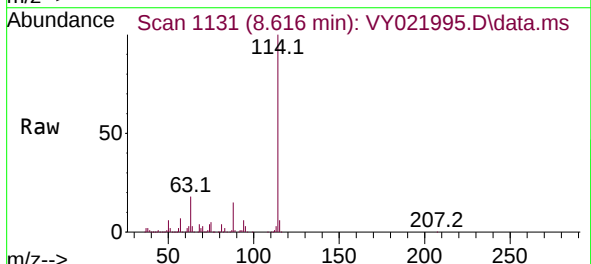
Tgt Ion: 114 Resp: 443704

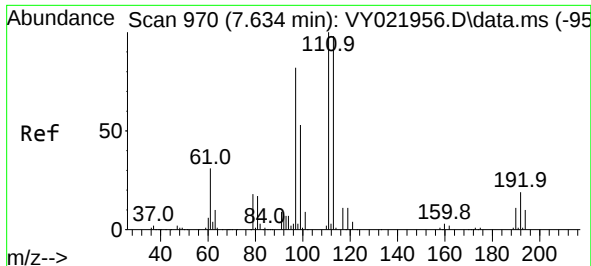
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.4

88 15.0 0.0 28.2

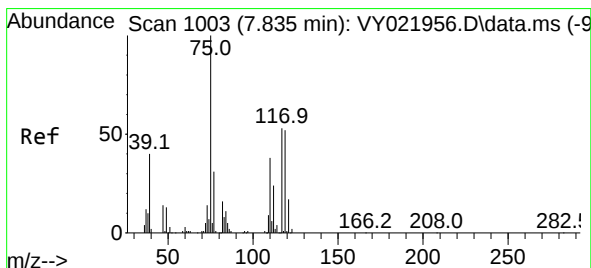
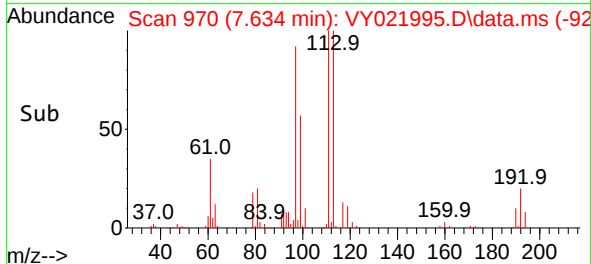
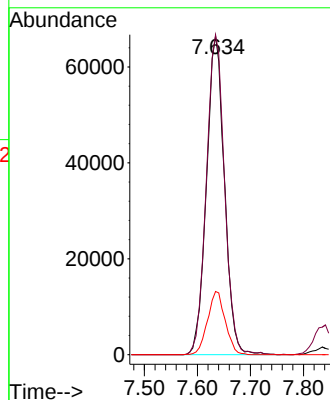
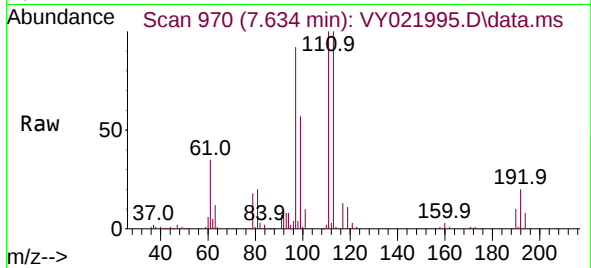




#35
Dibromofluoromethane
Concen: 53.241 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

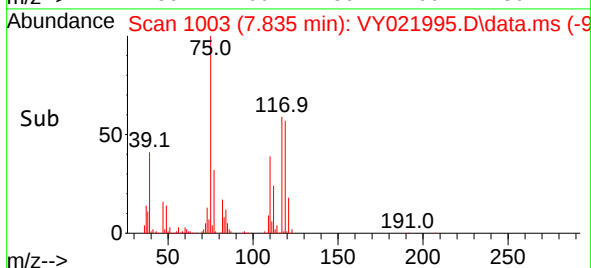
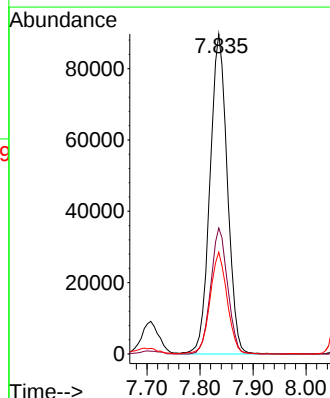
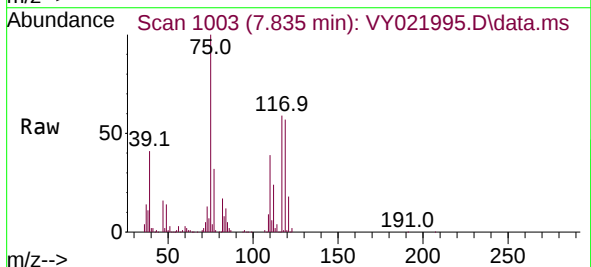
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

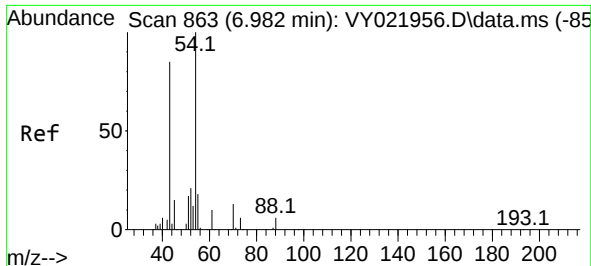
Tgt Ion:113 Resp: 156069
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 51.650 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 75 Resp: 203377
Ion Ratio Lower Upper
75 100
110 38.4 19.1 57.3
77 31.6 25.5 38.3





#37

Ethyl Acetate

Concen: 49.552 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

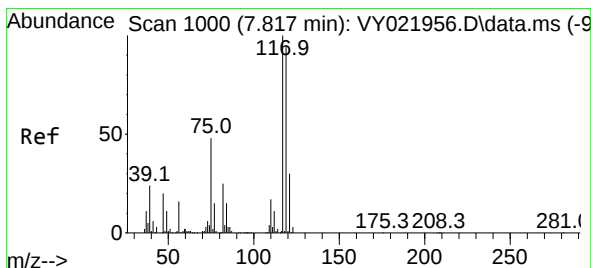
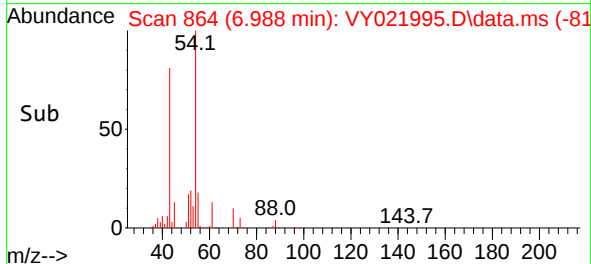
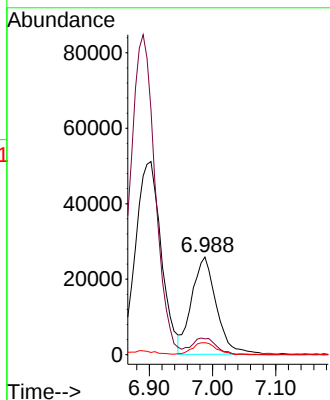
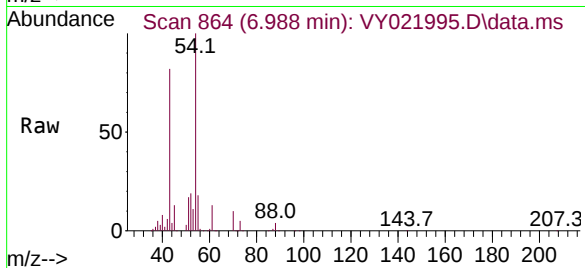
Tgt Ion: 43 Resp: 70076

Ion Ratio Lower Upper

43 100

61 17.4 13.8 20.6

70 12.0 9.2 13.8



#38

Carbon Tetrachloride

Concen: 50.839 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

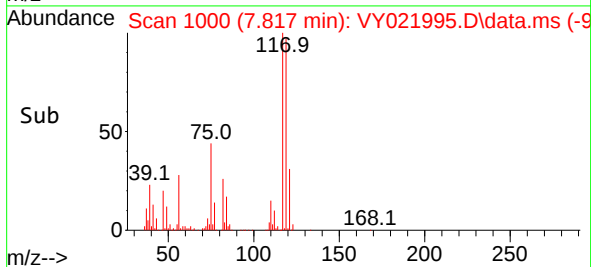
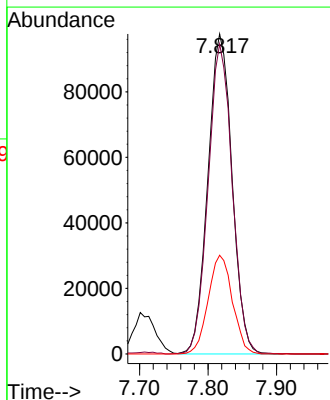
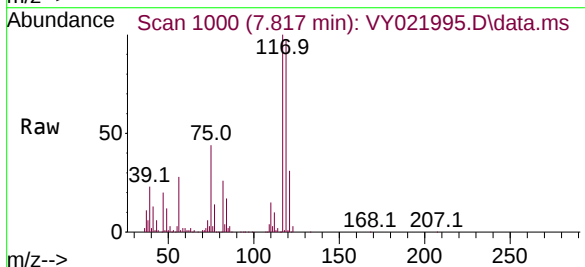
Tgt Ion: 117 Resp: 239204

Ion Ratio Lower Upper

117 100

119 96.7 76.2 114.4

121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 51.377 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

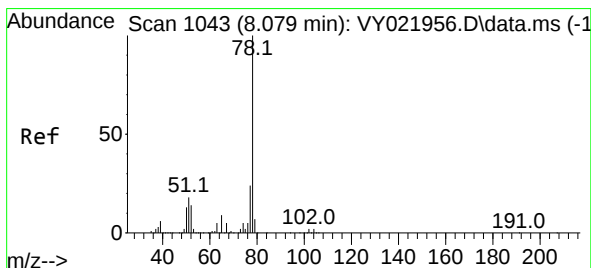
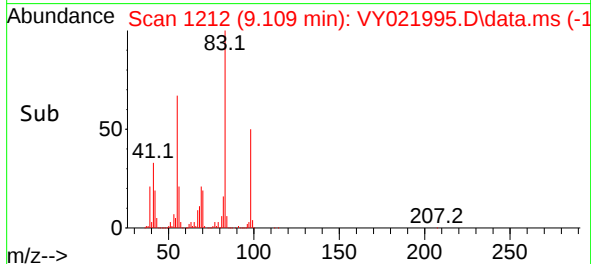
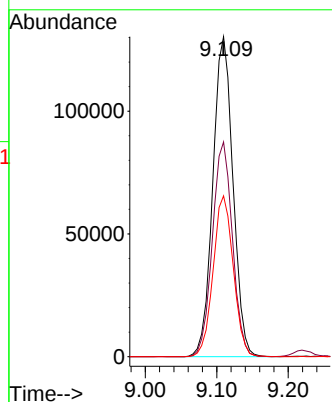
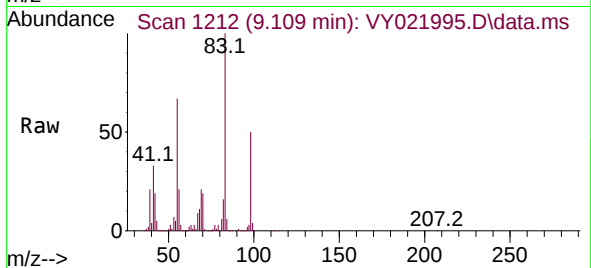
Tgt Ion: 83 Resp: 254583

Ion Ratio Lower Upper

83 100

55 67.1 50.6 75.8

98 50.3 38.6 58.0



#40

Benzene

Concen: 52.603 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021995.D

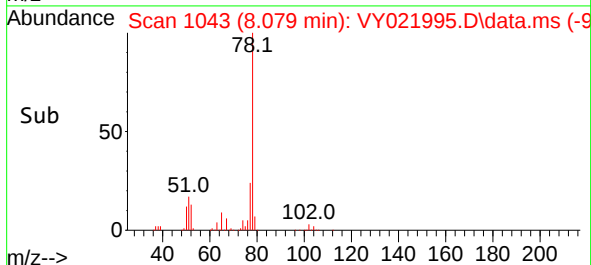
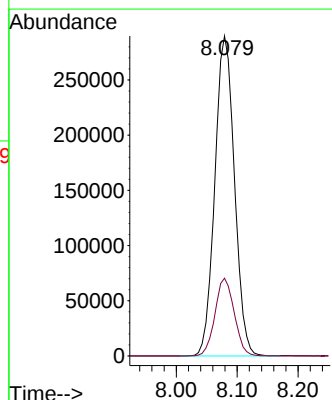
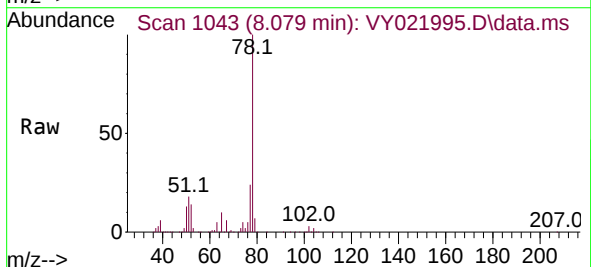
Acq: 24 Apr 2025 12:49

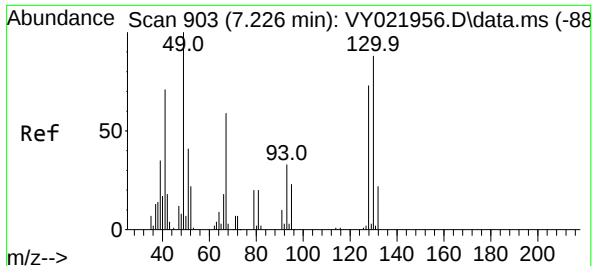
Tgt Ion: 78 Resp: 647471

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9

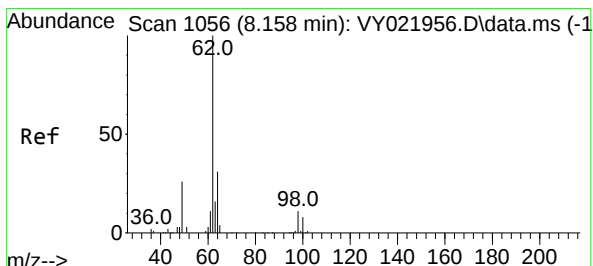
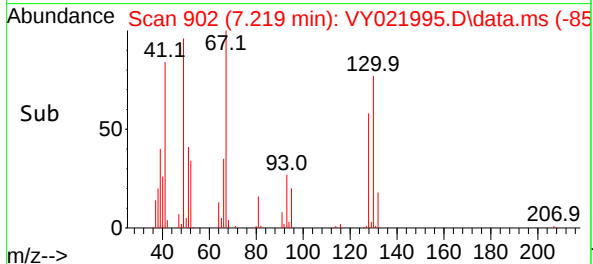
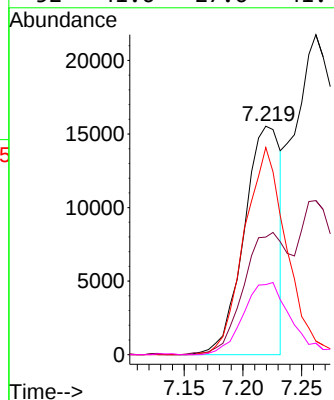
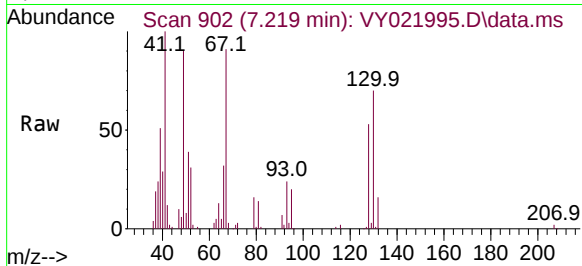




#41
Methacrylonitrile
Concen: 43.247 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

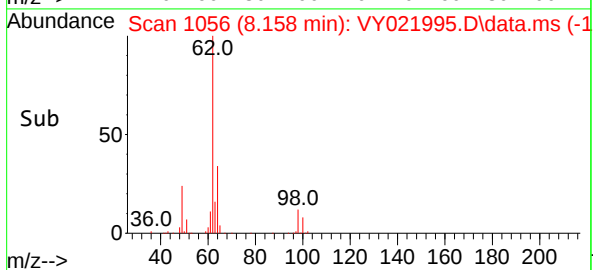
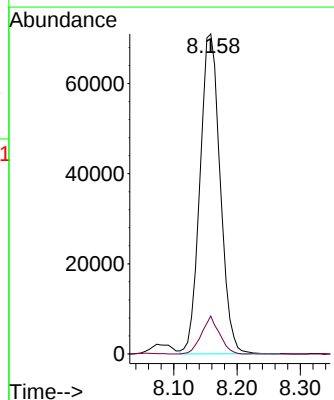
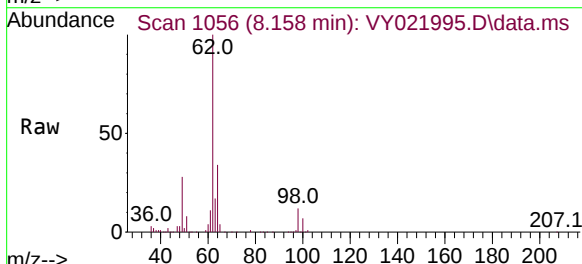
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

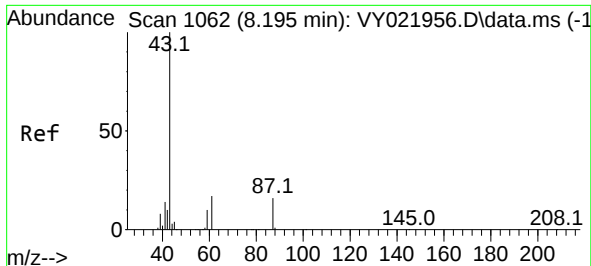
Tgt Ion: 41 Resp: 33433
Ion Ratio Lower Upper
41 100
39 69.7 36.6 55.0#
67 106.2 72.2 108.4
52 41.6 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 51.792 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 62 Resp: 157834
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0

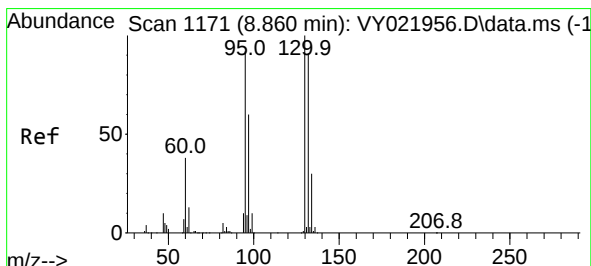
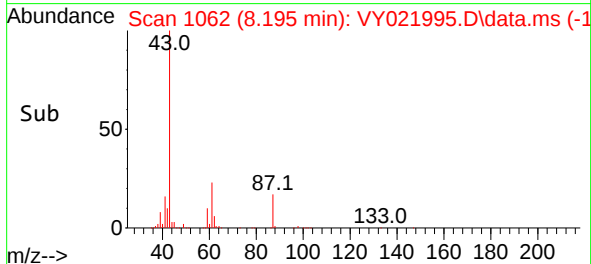
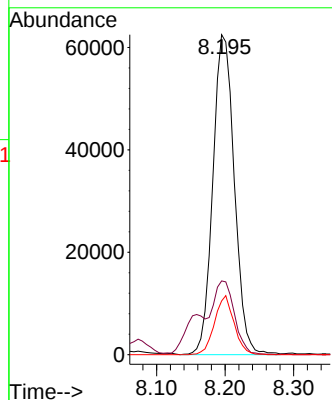
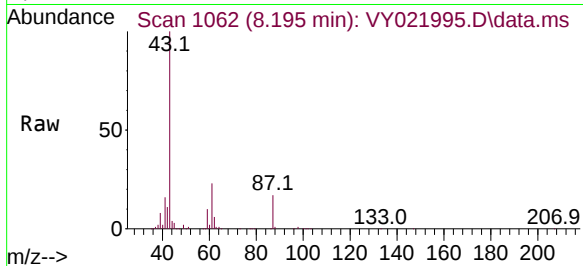




#43
Isopropyl Acetate
Concen: 50.070 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

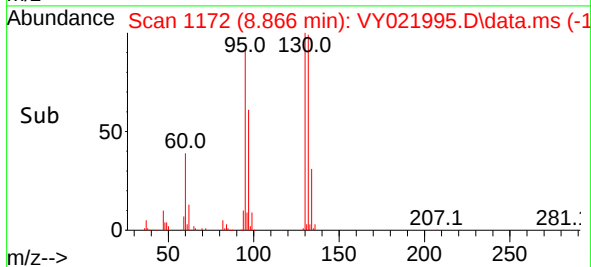
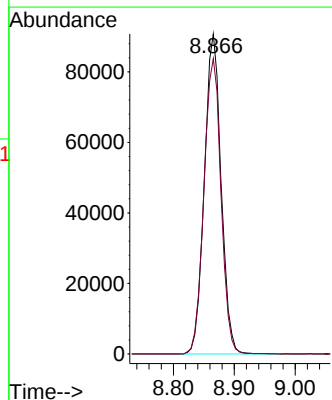
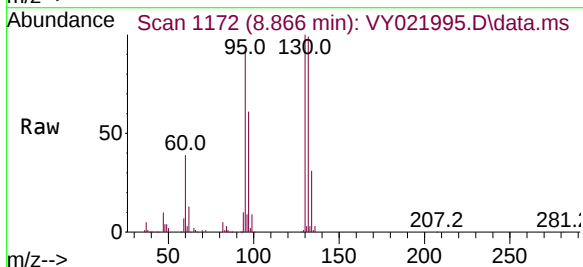
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

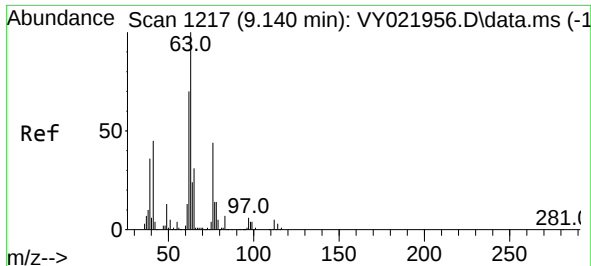
Tgt Ion: 43 Resp: 135982
Ion Ratio Lower Upper
43 100
61 23.8 18.9 28.3
87 16.7 13.7 20.5



#44
Trichloroethene
Concen: 50.602 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion:130 Resp: 172518
Ion Ratio Lower Upper
130 100
95 92.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 52.059 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

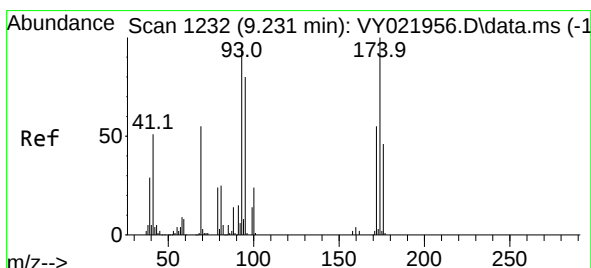
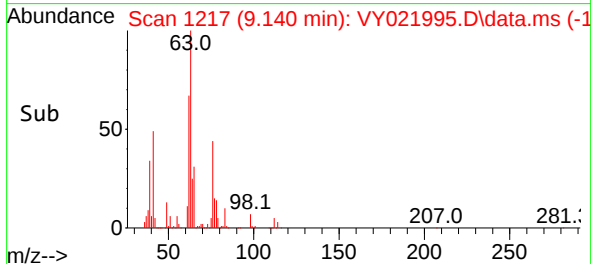
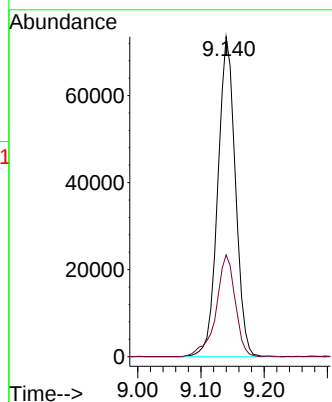
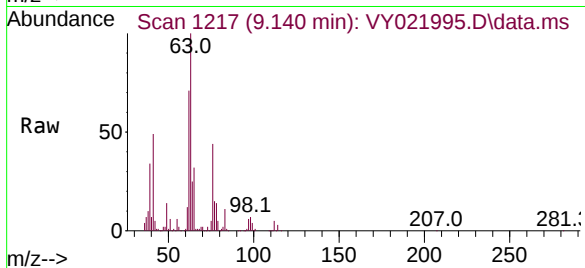
VSTDCCC050EC

Tgt Ion: 63 Resp: 141705

Ion Ratio Lower Upper

63 100

65 31.8 25.2 37.8



#46

Dibromomethane

Concen: 51.468 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

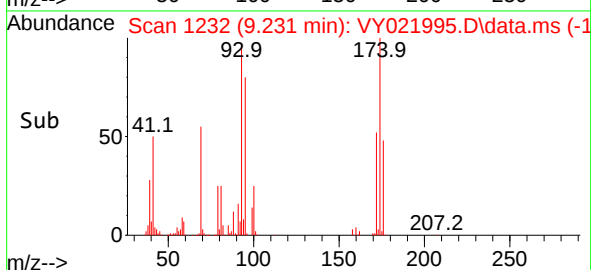
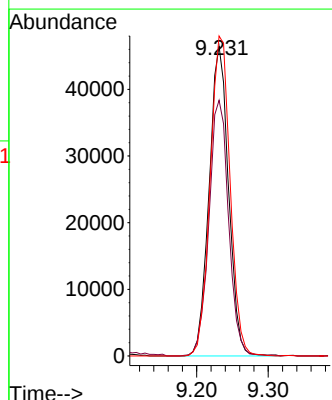
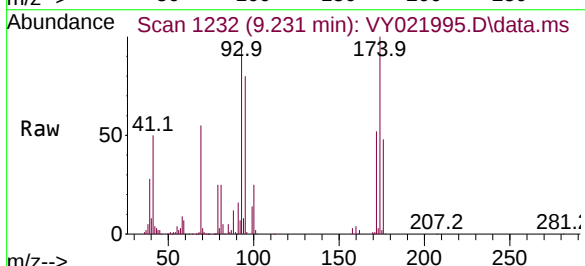
Tgt Ion: 93 Resp: 87699

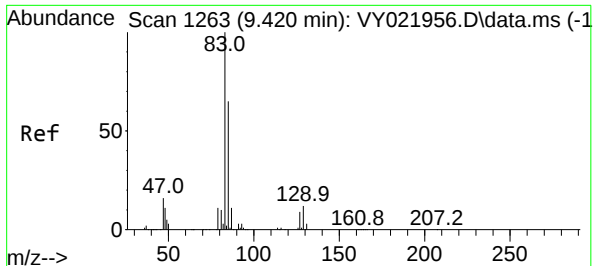
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 106.1 84.6 127.0





#47

Bromodichloromethane

Concen: 53.262 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

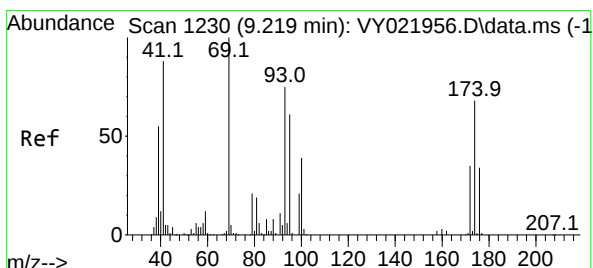
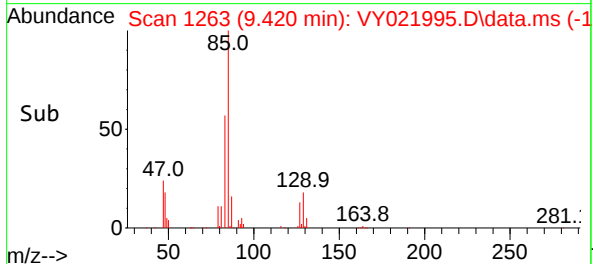
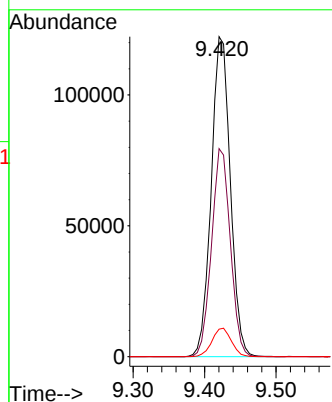
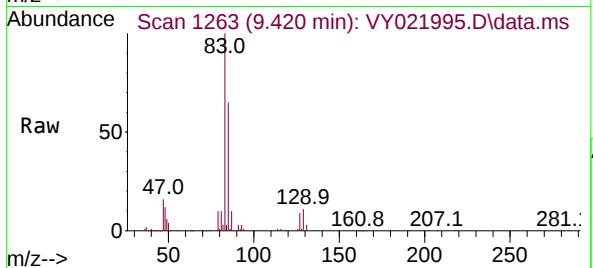
Tgt Ion: 83 Resp: 226723

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

127 8.6 7.0 10.6



#48

Methyl methacrylate

Concen: 49.994 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

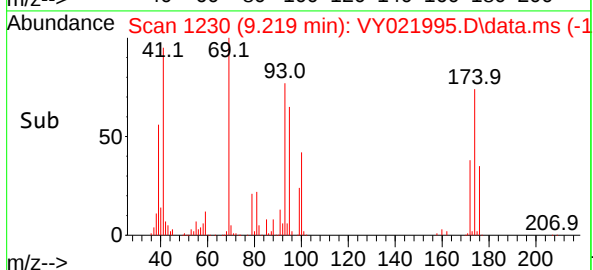
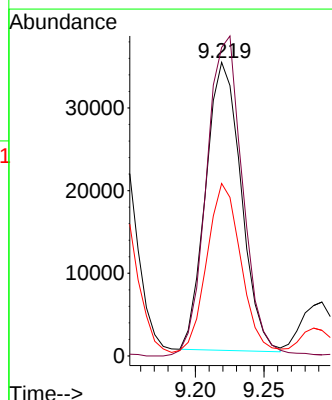
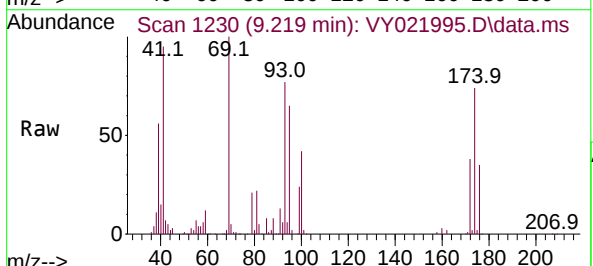
Tgt Ion: 41 Resp: 62767

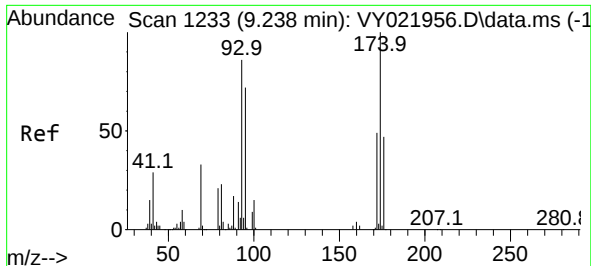
Ion Ratio Lower Upper

41 100

69 113.5 85.5 128.3

39 56.8 46.2 69.4





#49

1,4-Dioxane

Concen: 1004.054 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

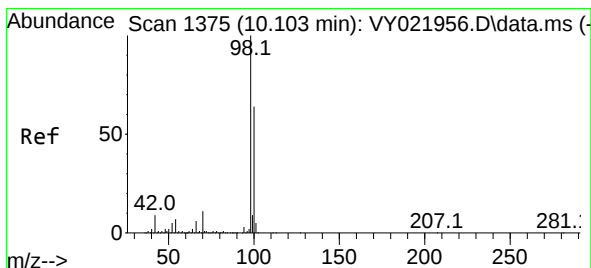
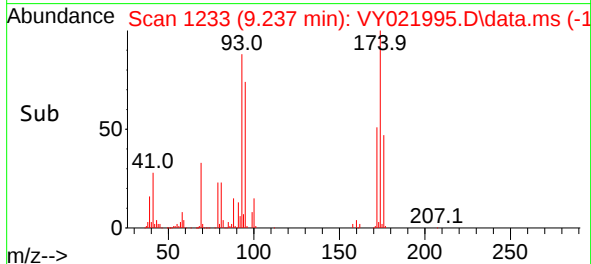
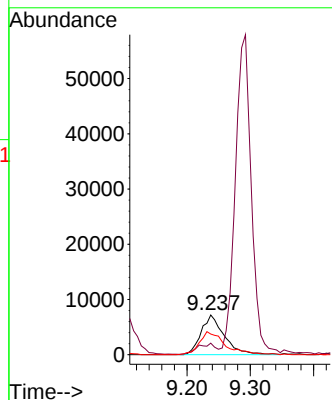
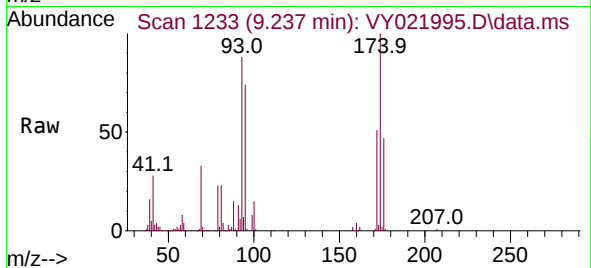
Tgt Ion: 88 Resp: 18235

Ion Ratio Lower Upper

88 100

43 21.7 21.3 31.9

58 64.3 50.5 75.7



#50

Toluene-d8

Concen: 55.215 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021995.D

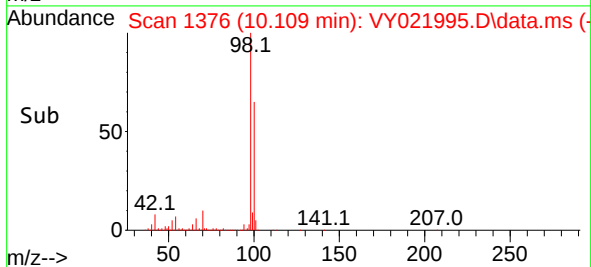
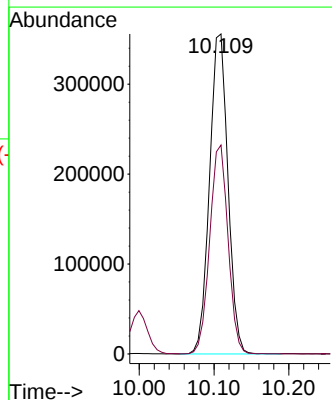
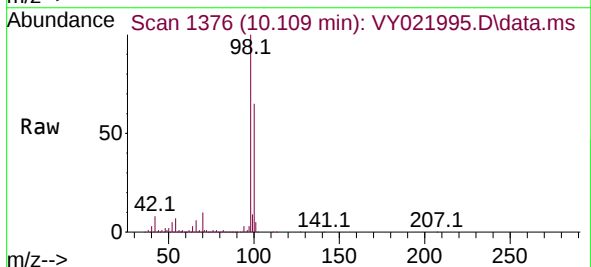
Acq: 24 Apr 2025 12:49

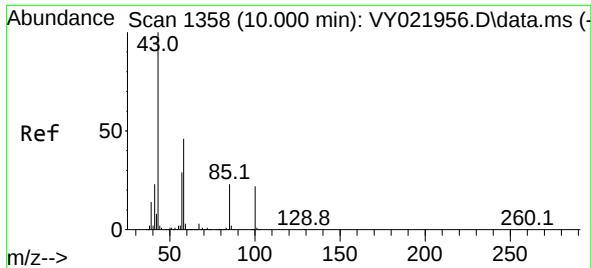
Tgt Ion: 98 Resp: 610188

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

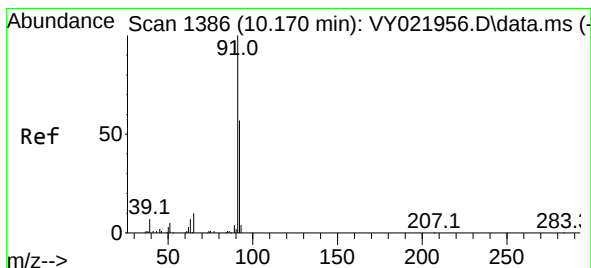
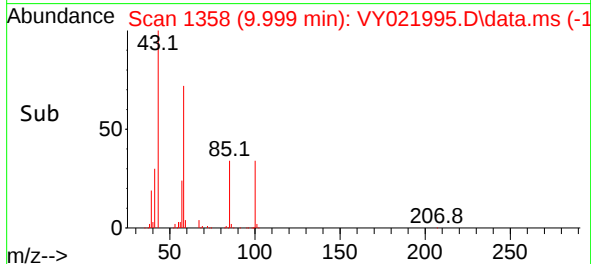
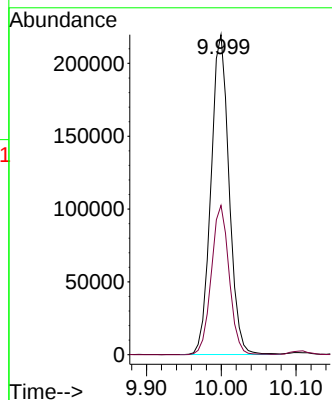
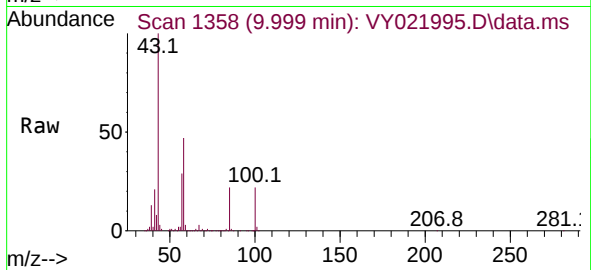




#51
4-Methyl-2-Pentanone
Concen: 259.080 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

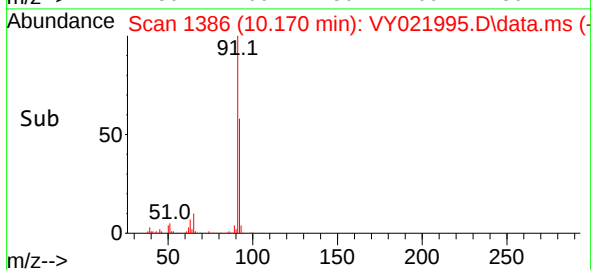
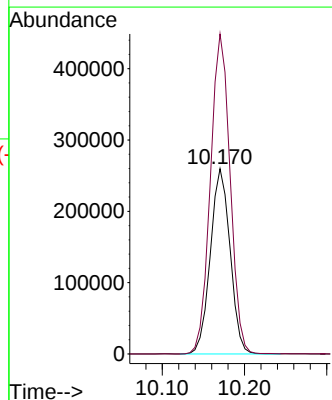
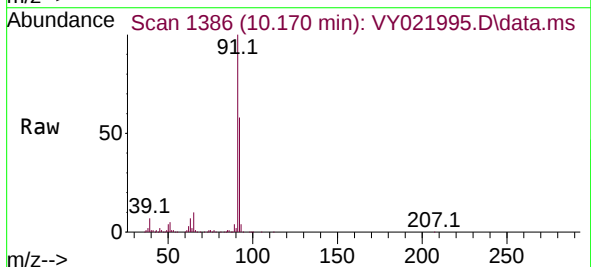
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

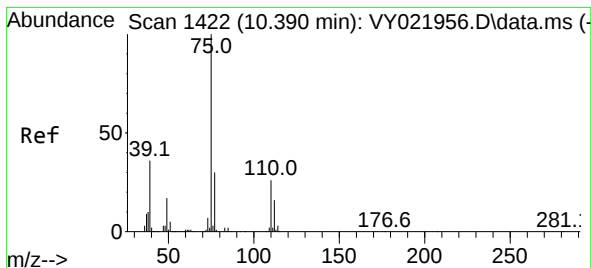
Tgt Ion: 43 Resp: 368845
Ion Ratio Lower Upper
43 100
58 46.1 36.6 55.0



#52
Toluene
Concen: 54.316 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 92 Resp: 432768
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8

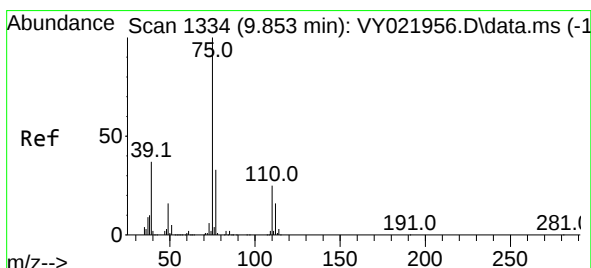
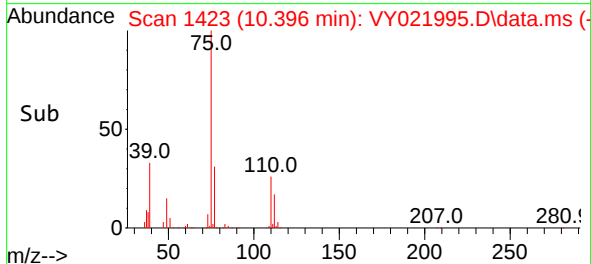
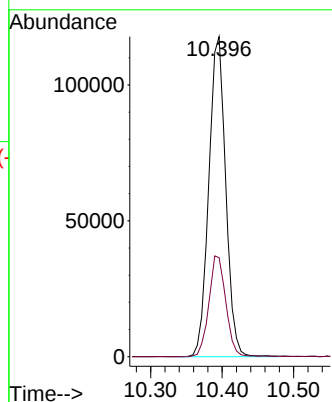
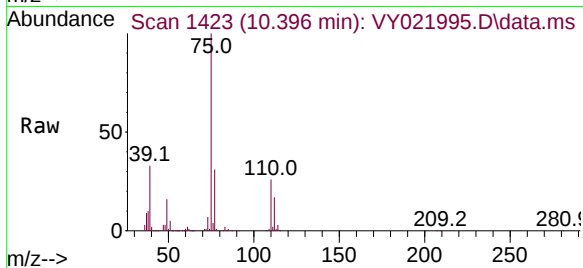




#53
 t-1,3-Dichloropropene
 Concen: 52.933 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

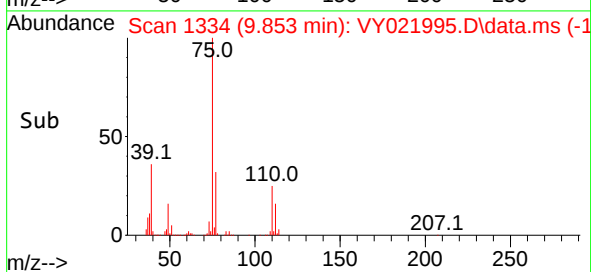
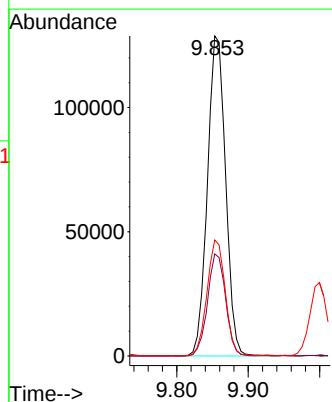
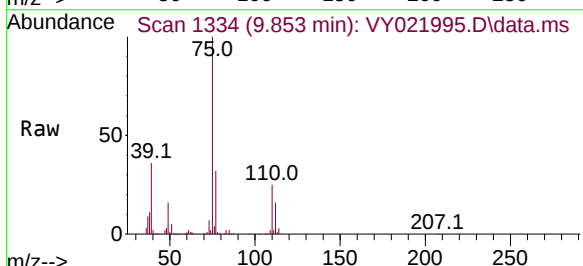
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

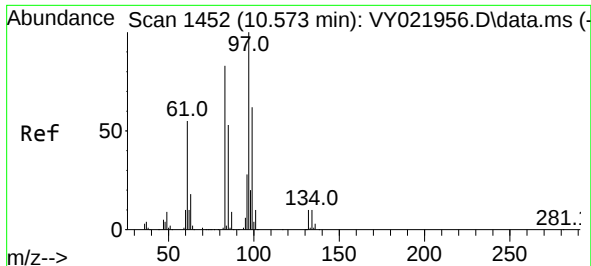
Tgt Ion: 75 Resp: 193270
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.421 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

Tgt Ion: 75 Resp: 227522
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.6 40.0
 39 36.2 29.6 44.4



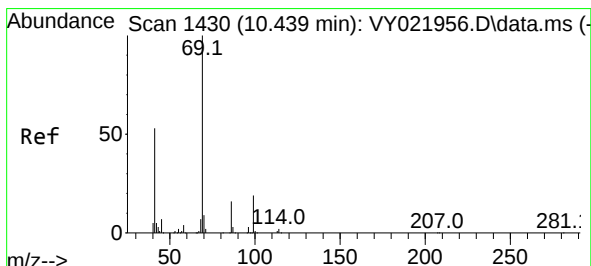
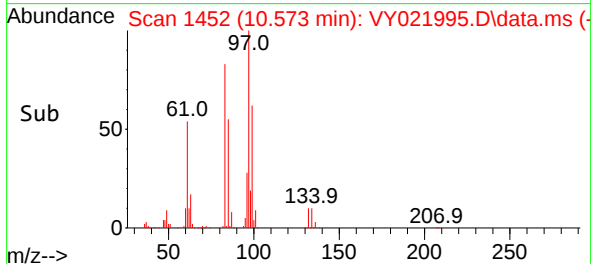
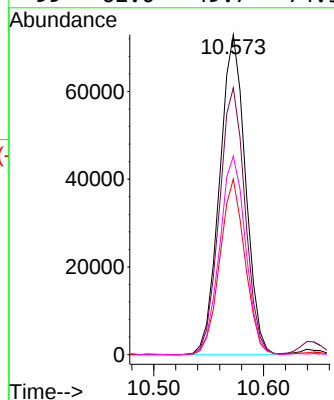
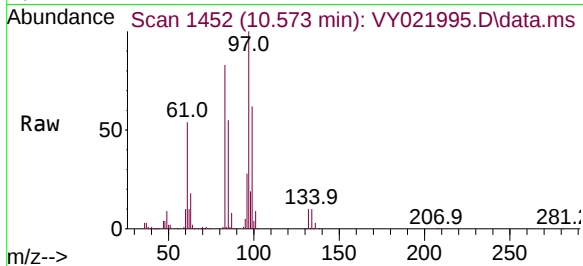


#55
1,1,2-Trichloroethane
Concen: 52.570 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 119653

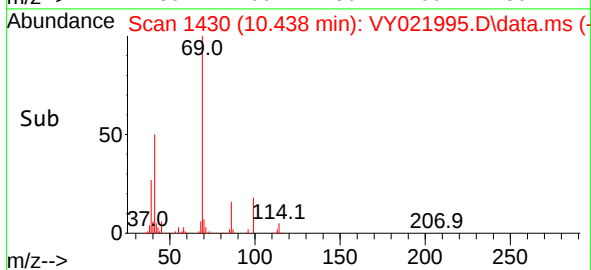
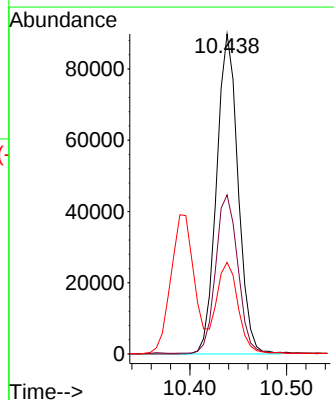
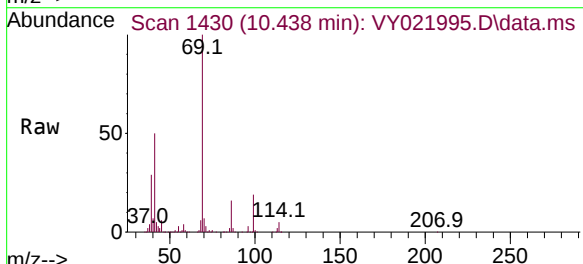
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.7	100.1
85	54.9	42.6	64.0
99	62.0	49.7	74.5

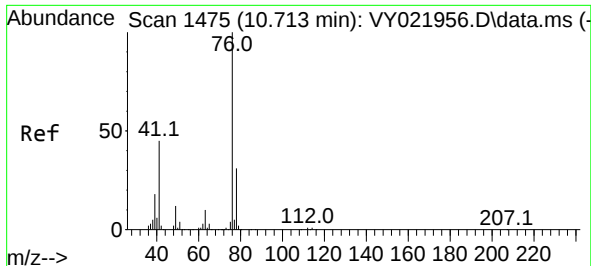


#56
Ethyl methacrylate
Concen: 53.268 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 69 Resp: 138649

Ion	Ratio	Lower	Upper
69	100		
41	51.2	40.7	61.1
39	27.7	23.3	34.9





#57

1,3-Dichloropropane

Concen: 52.307 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

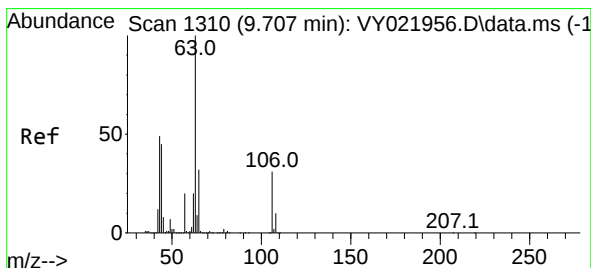
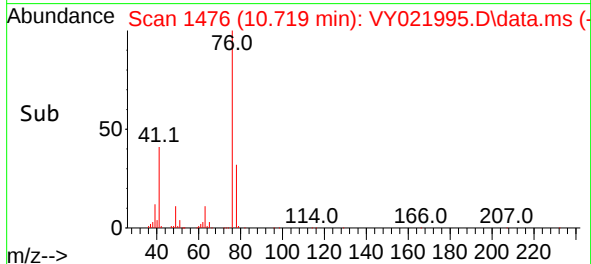
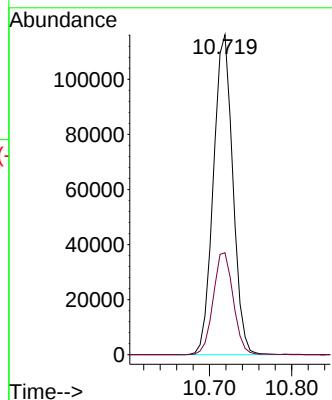
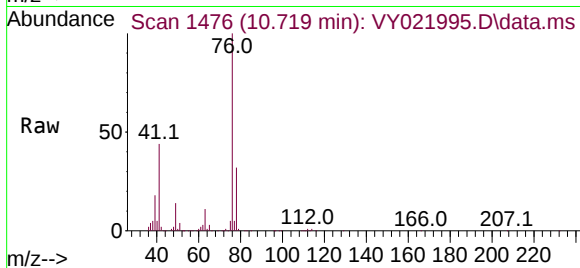
VSTDCCC050EC

Tgt Ion: 76 Resp: 190863

Ion Ratio Lower Upper

76 100

78 33.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 280.610 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY021995.D

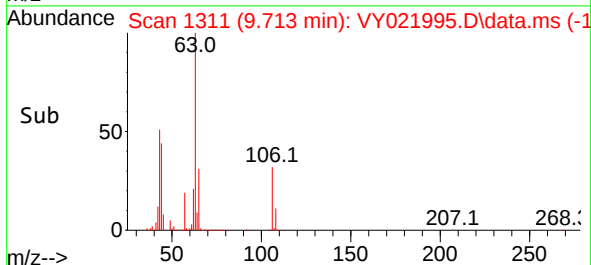
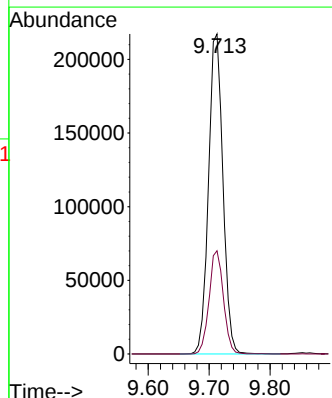
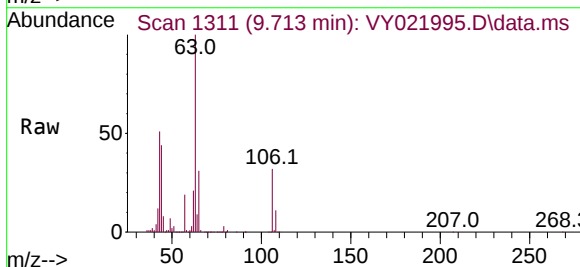
Acq: 24 Apr 2025 12:49

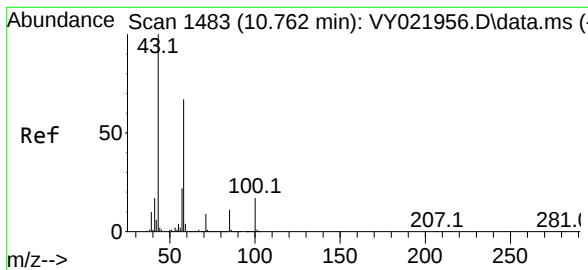
Tgt Ion: 63 Resp: 357109

Ion Ratio Lower Upper

63 100

106 32.1 25.3 37.9

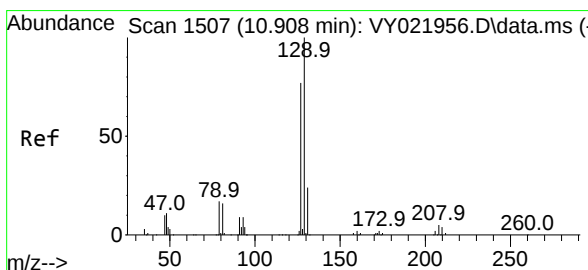
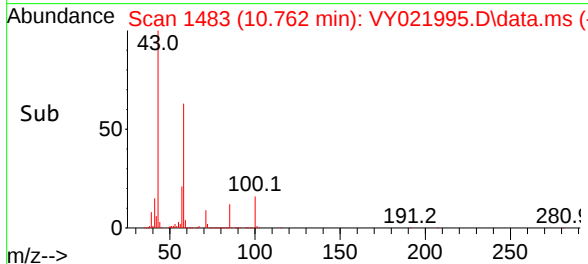
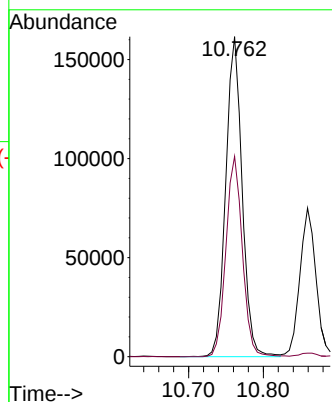
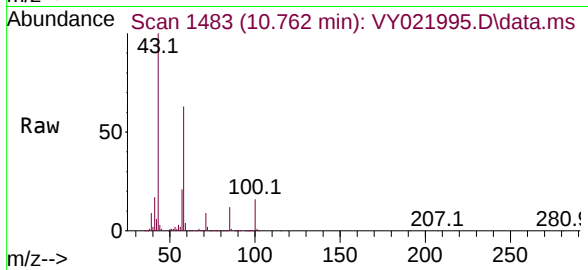




#59
2-Hexanone
Concen: 262.019 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

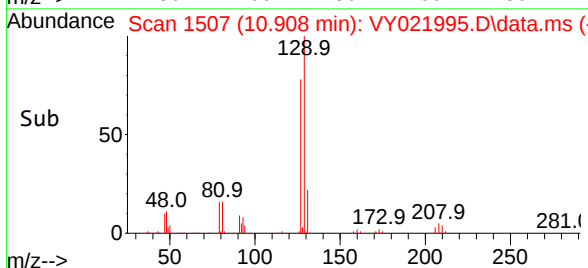
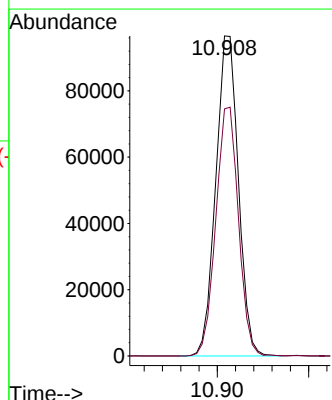
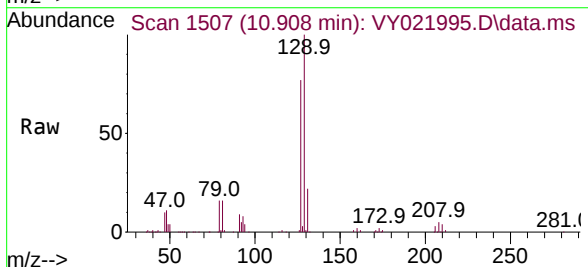
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

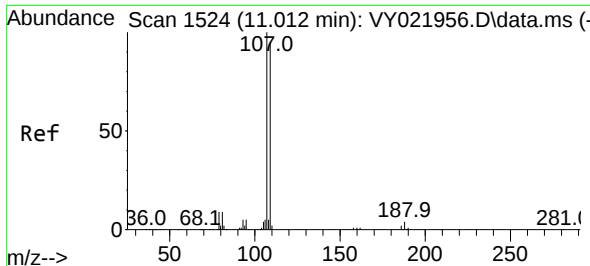
Tgt Ion: 43 Resp: 246044
Ion Ratio Lower Upper
43 100
58 62.8 32.0 96.0



#60
Dibromochloromethane
Concen: 52.626 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion:129 Resp: 165836
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

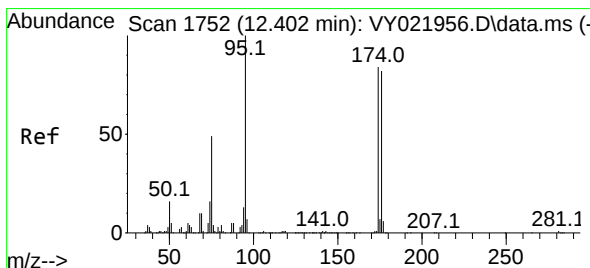
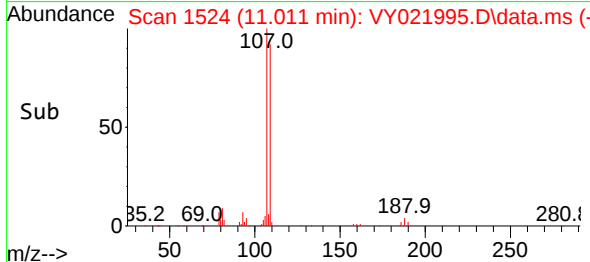
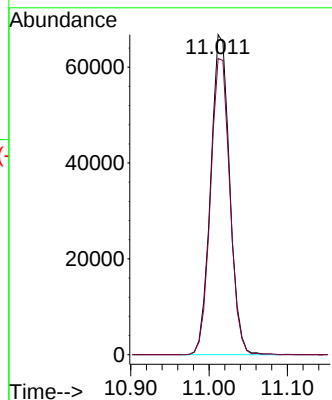
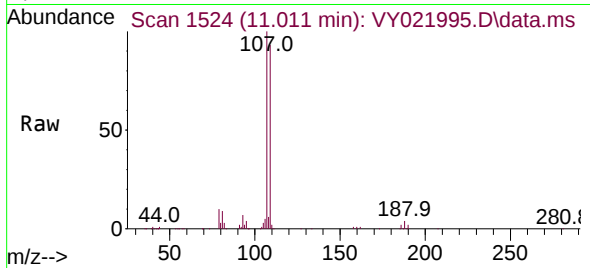




#61
1,2-Dibromoethane
Concen: 52.328 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

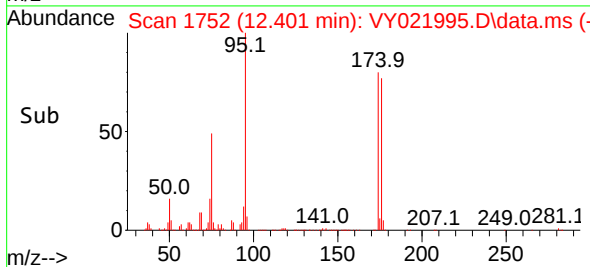
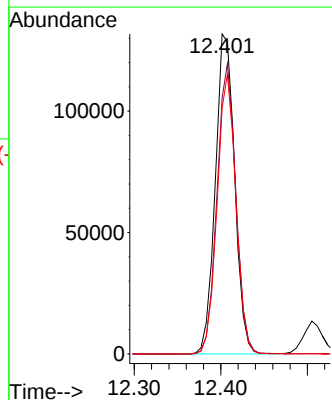
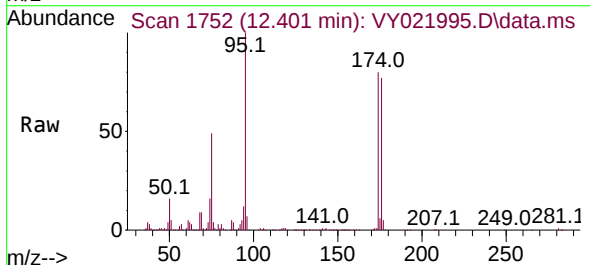
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

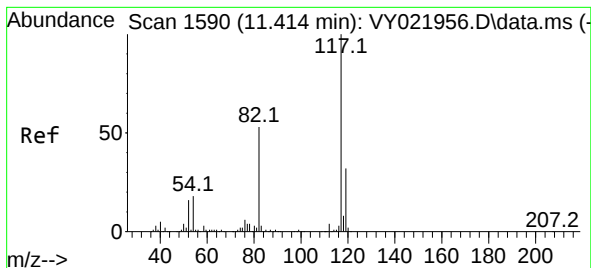
Tgt Ion:107 Resp: 112440
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 54.922 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 95 Resp: 204326
Ion Ratio Lower Upper
95 100
174 88.3 0.0 179.0
176 84.7 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

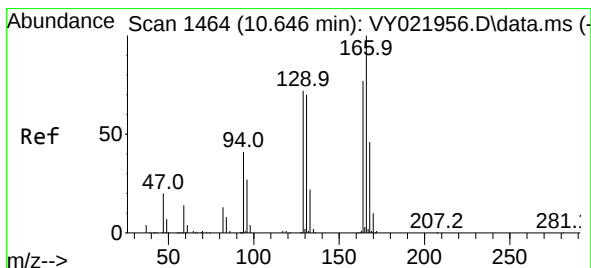
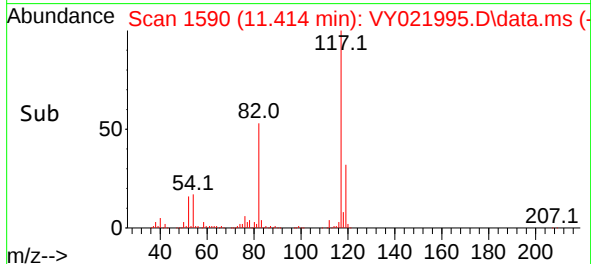
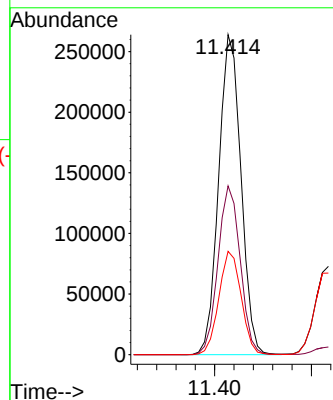
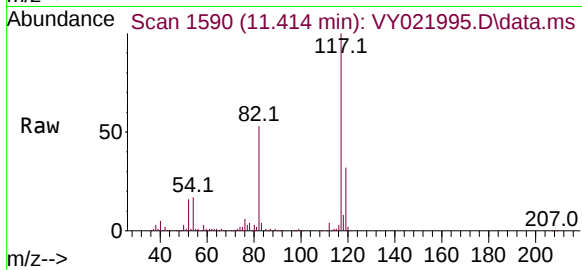
Tgt Ion:117 Resp: 422078

Ion Ratio Lower Upper

117 100

82 52.7 42.1 63.1

119 32.3 25.7 38.5



#64

Tetrachloroethene

Concen: 49.850 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Tgt Ion:164 Resp: 198489

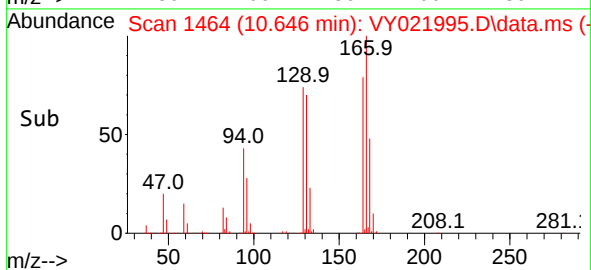
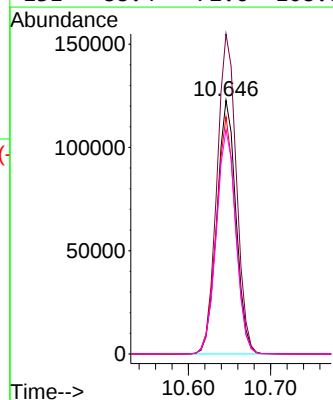
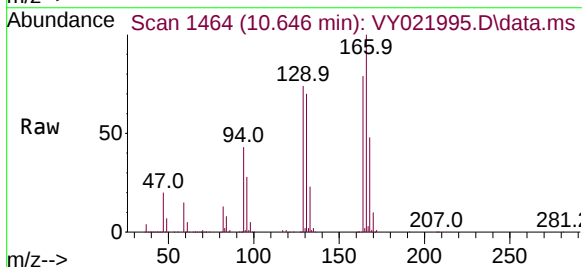
Ion Ratio Lower Upper

164 100

166 126.2 103.6 155.4

129 93.6 74.2 111.4

131 88.4 72.6 108.8

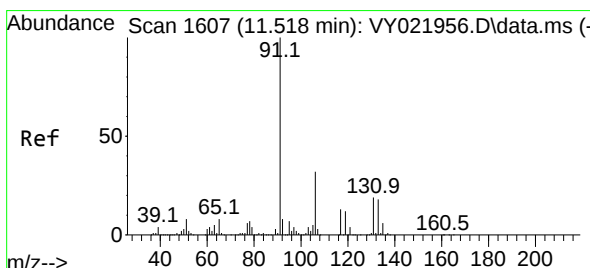
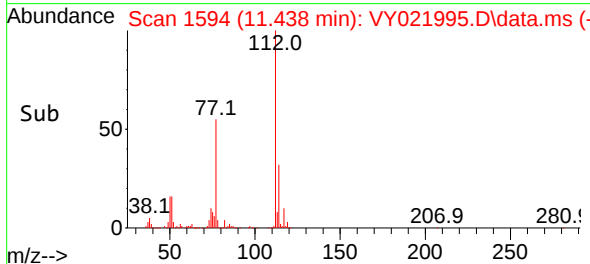
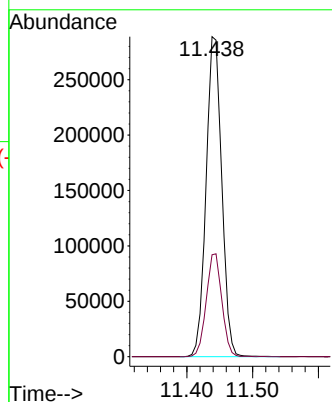
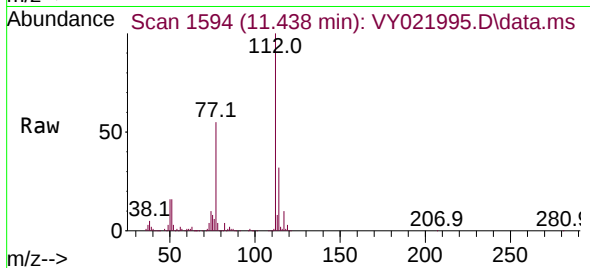




#65
Chlorobenzene
Concen: 50.605 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

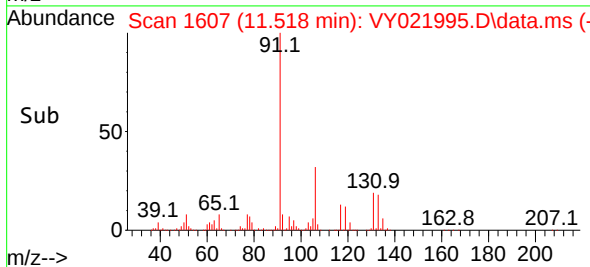
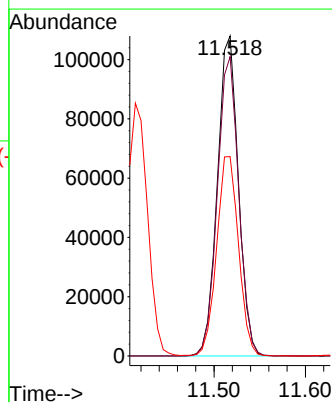
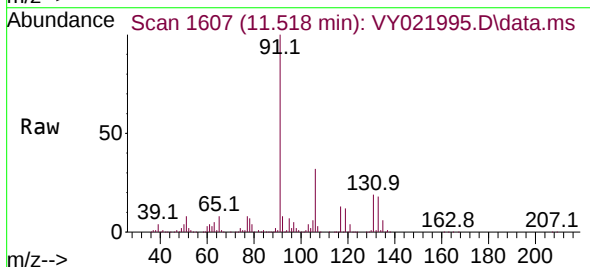
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

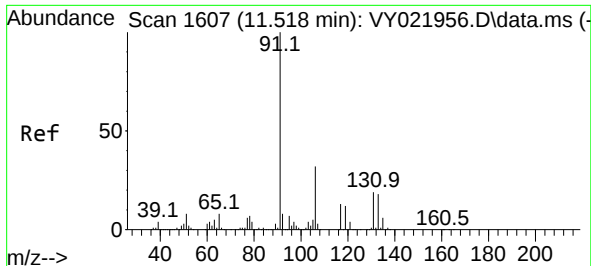
Tgt Ion:112 Resp: 477643
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.860 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion:131 Resp: 172328
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 65.0 32.4 97.0

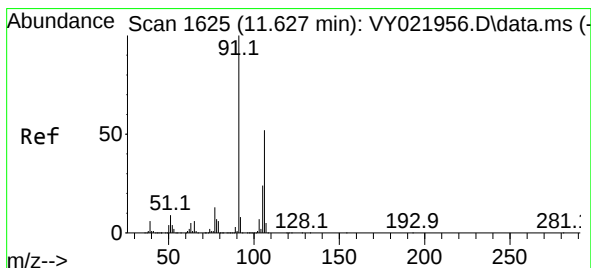
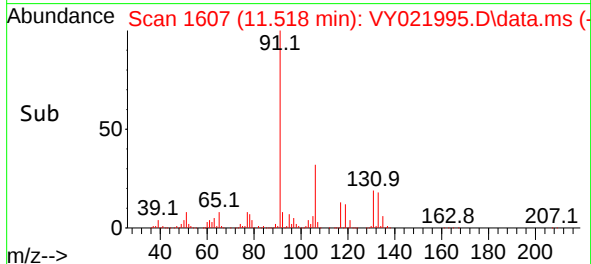
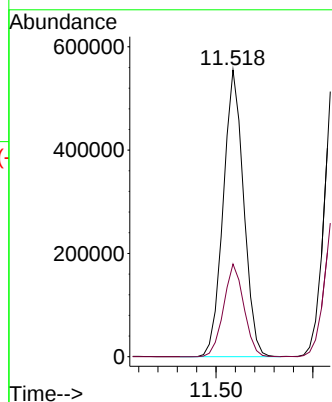
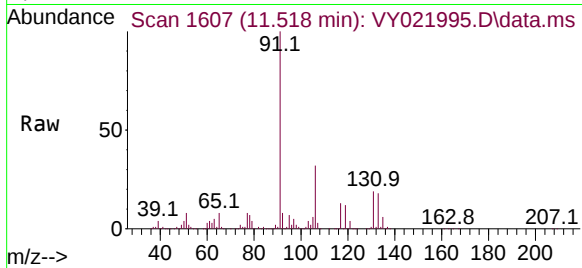




#67
Ethyl Benzene
Concen: 52.542 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

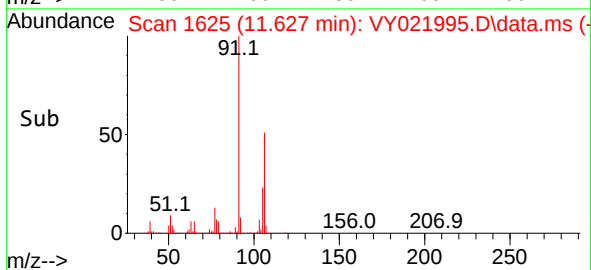
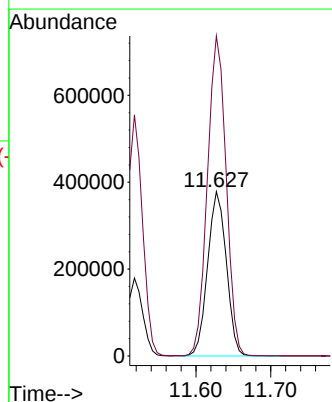
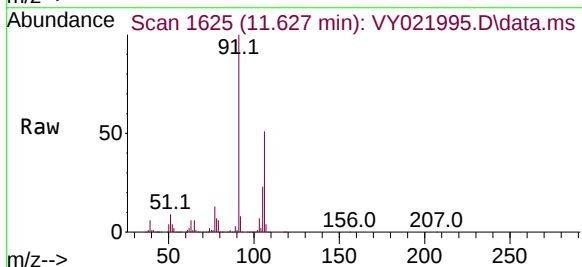
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

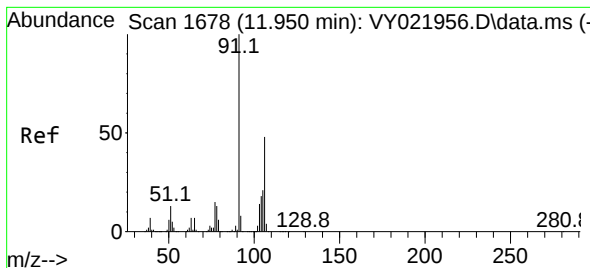
Tgt Ion: 91 Resp: 811261
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9



#68
m/p-Xylenes
Concen: 106.866 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion:106 Resp: 656589
Ion Ratio Lower Upper
106 100
91 195.1 156.2 234.2

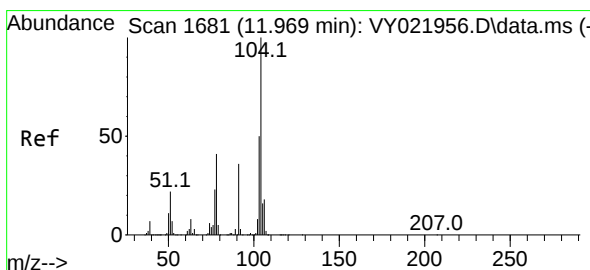
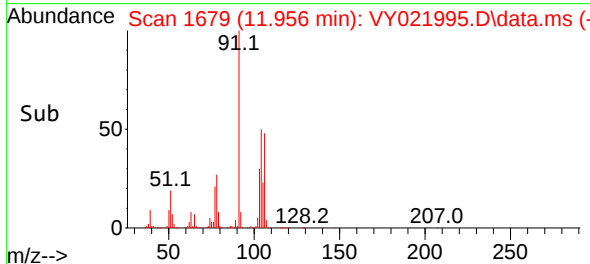
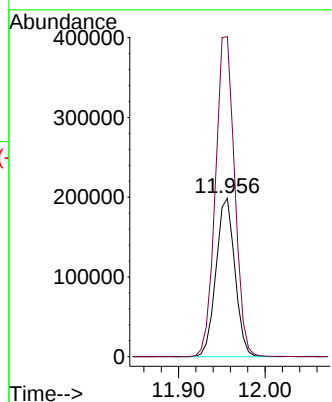
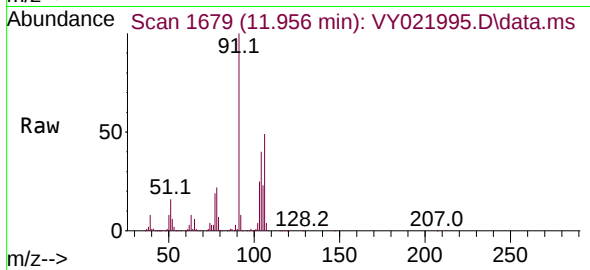




#69
o-Xylene
Concen: 53.164 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

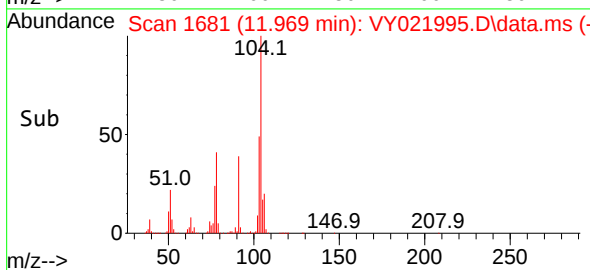
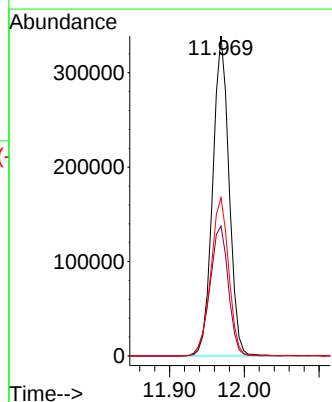
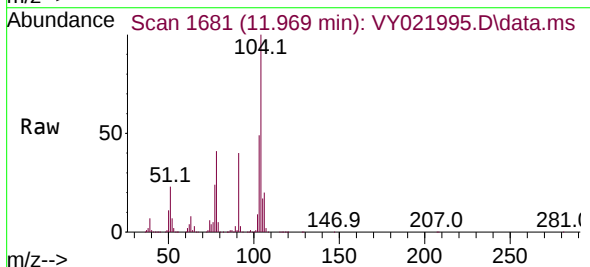
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

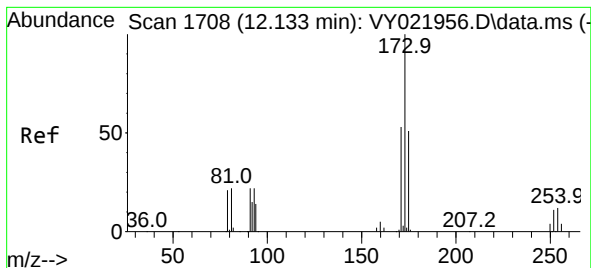
Tgt Ion:106 Resp: 301060
Ion Ratio Lower Upper
106 100
91 206.3 103.0 308.9



#70
Styrene
Concen: 54.419 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion:104 Resp: 517422
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 54.1 43.8 65.8





#71

Bromoform

Concen: 50.319 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

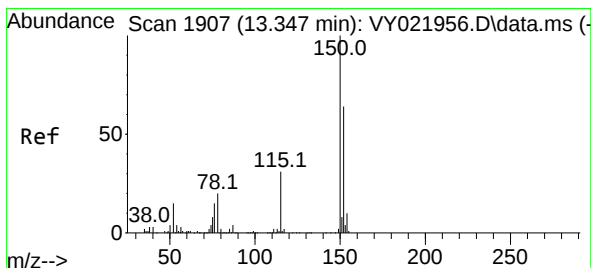
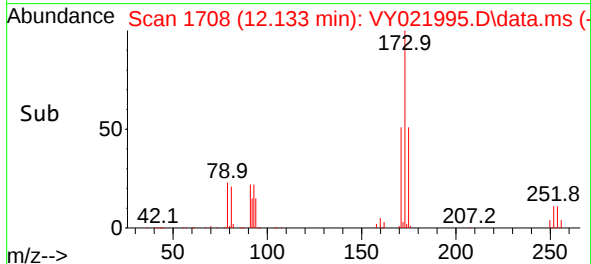
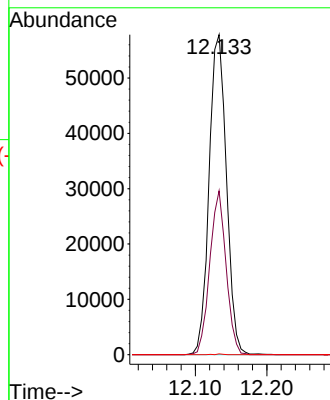
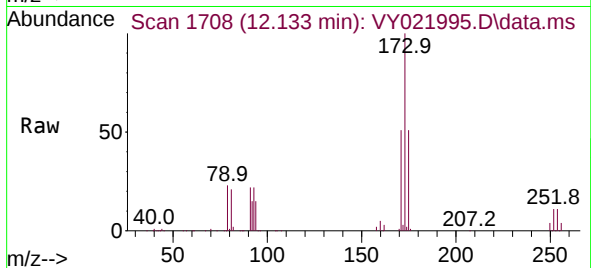
Tgt Ion:173 Resp: 97214

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

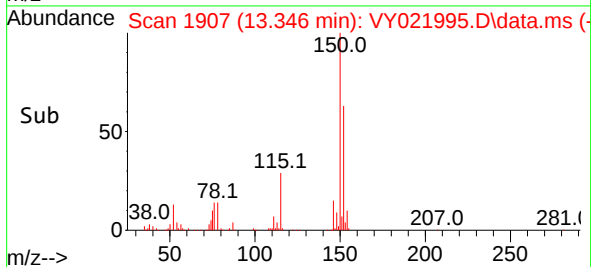
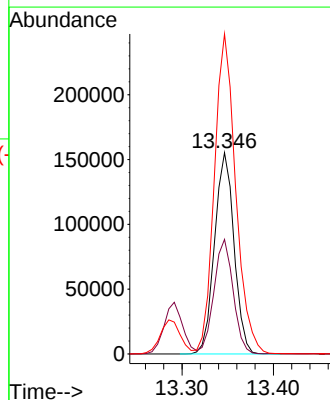
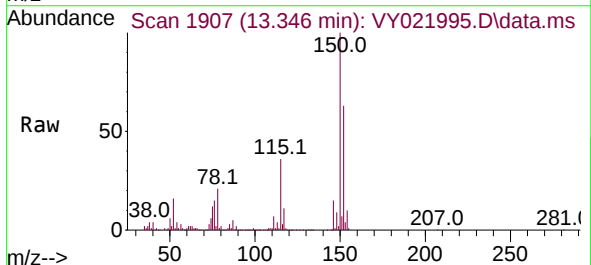
Tgt Ion:152 Resp: 230222

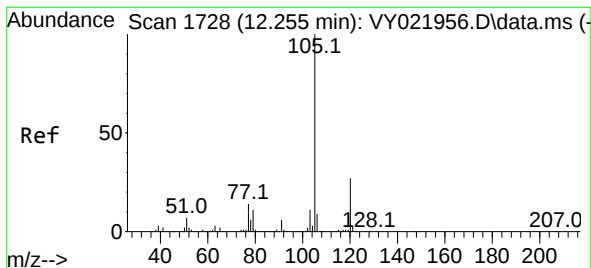
Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

150 174.2 0.0 345.6





#73

Isopropylbenzene

Concen: 51.210 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

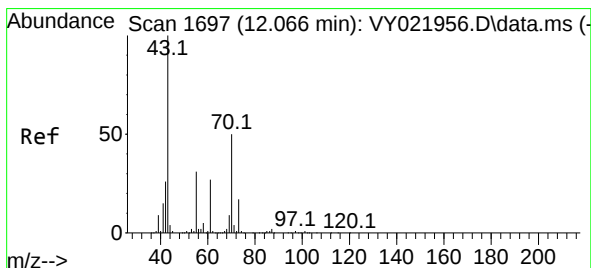
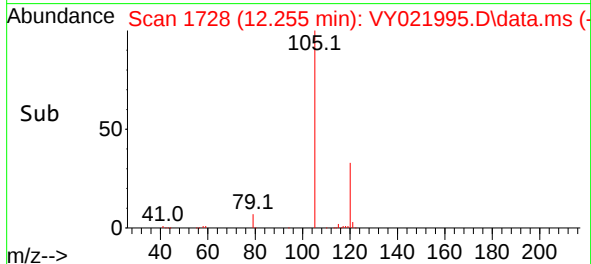
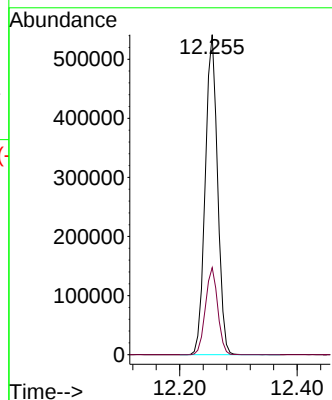
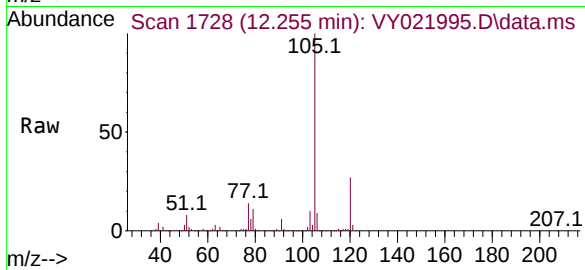
VSTDCCC050EC

Tgt Ion:105 Resp: 787680

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 47.463 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Tgt Ion: 43 Resp: 125428

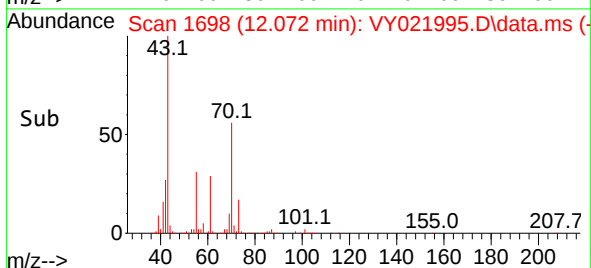
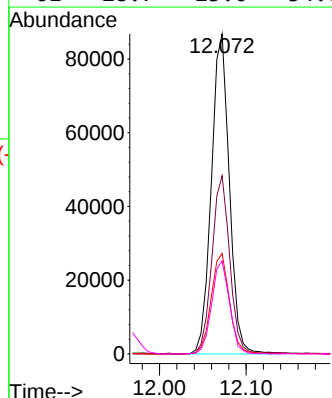
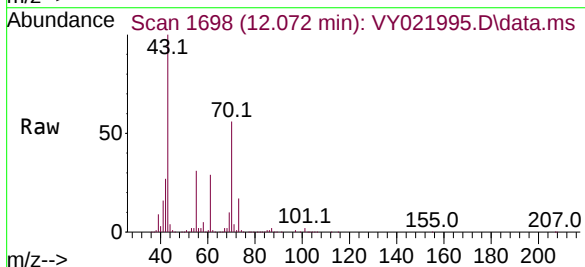
Ion Ratio Lower Upper

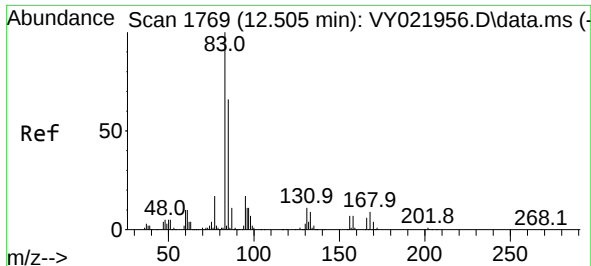
43 100

70 55.1 43.2 64.8

55 32.1 25.7 38.5

61 28.7 23.0 34.6

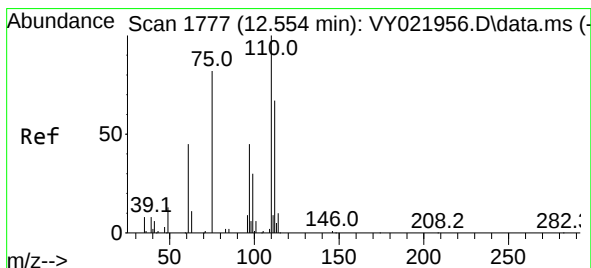
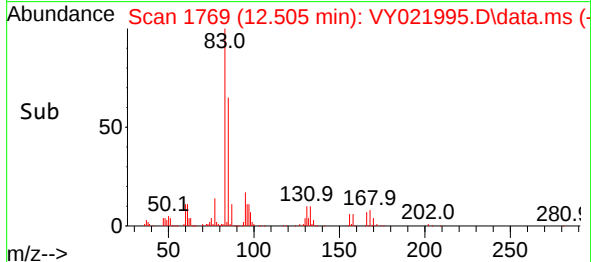
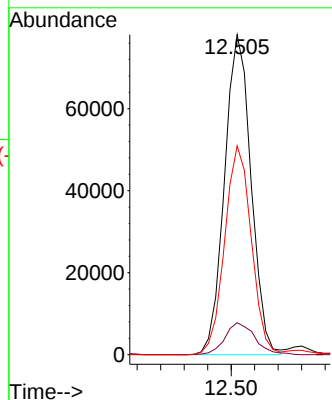
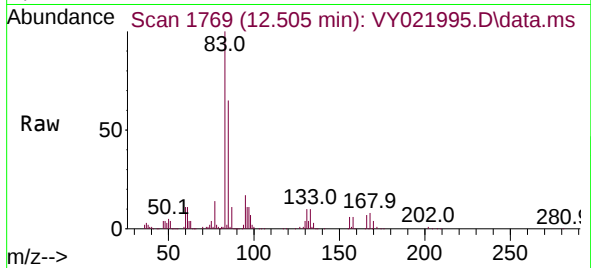




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.198 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

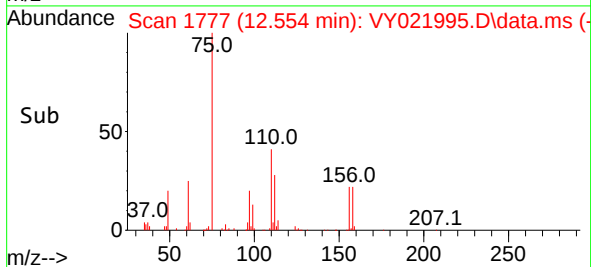
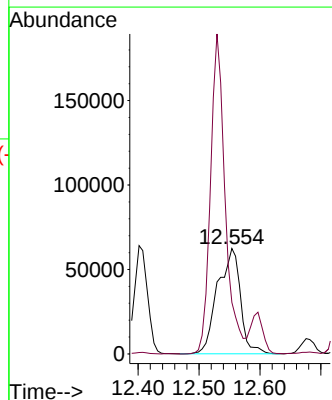
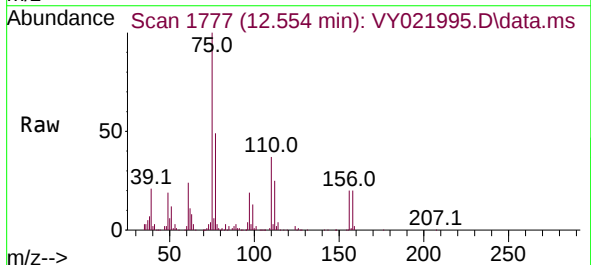
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

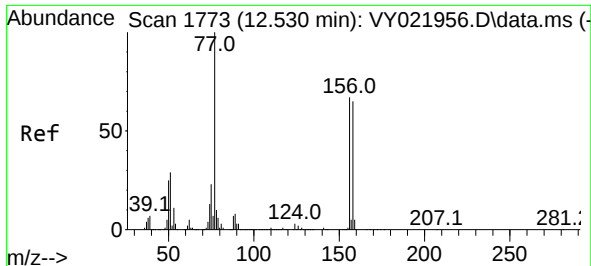
Tgt Ion: 83 Resp: 122396
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.5 16.4
 85 65.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 82.383 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

Tgt Ion: 75 Resp: 162456
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

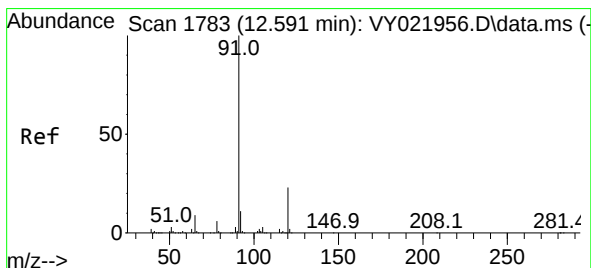
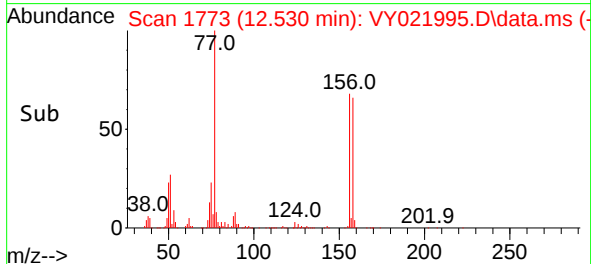
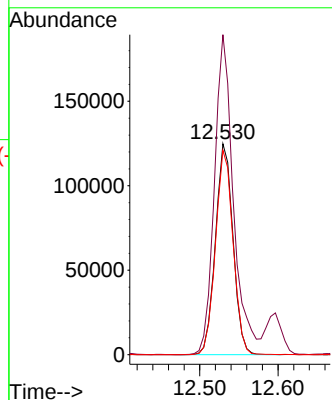
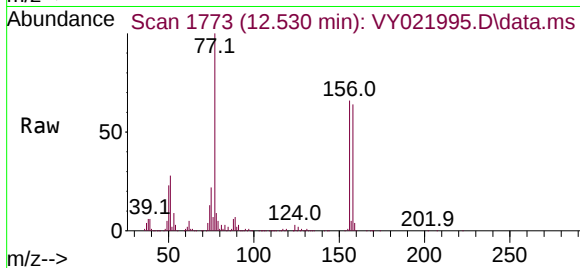




#77
Bromobenzene
Concen: 50.032 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

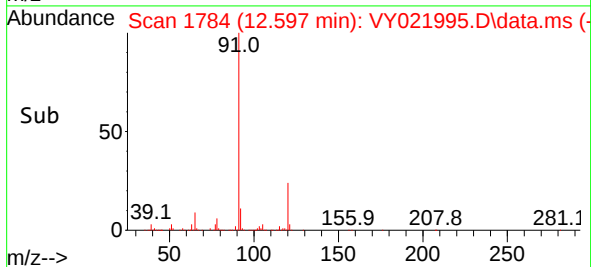
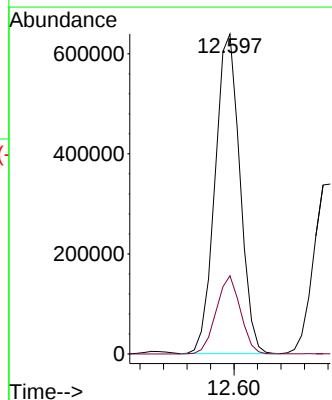
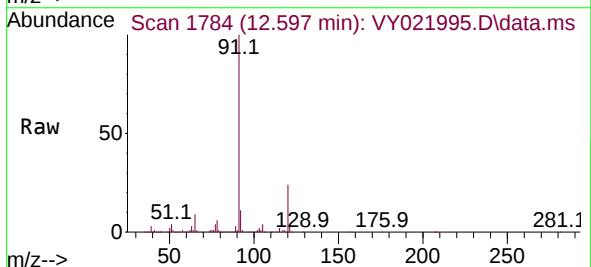
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

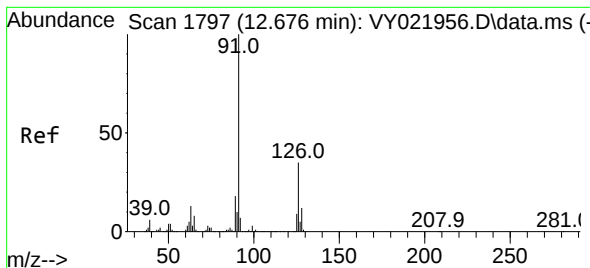
Tgt Ion:156 Resp: 194457
Ion Ratio Lower Upper
156 100
77 163.0 82.7 248.1
158 97.2 48.1 144.4



#78
n-propylbenzene
Concen: 51.190 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 91 Resp: 937658
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.824 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

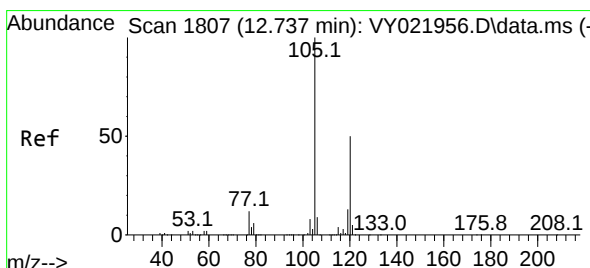
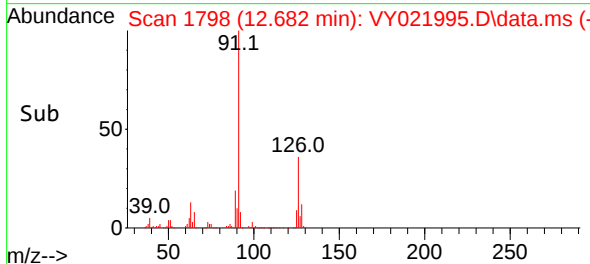
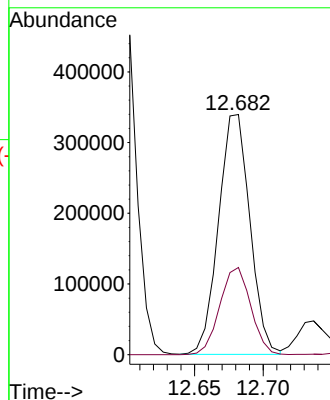
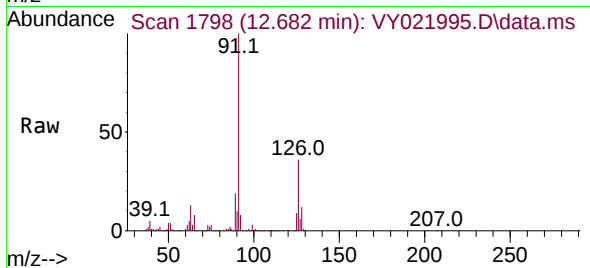
VSTDCCC050EC

Tgt Ion: 91 Resp: 541409

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 51.339 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY021995.D

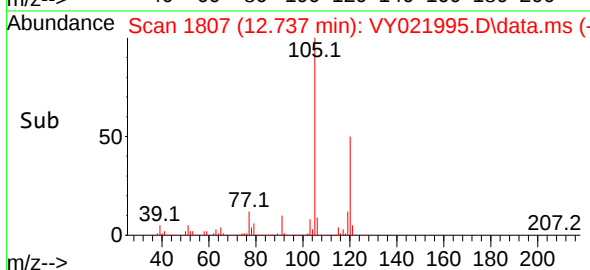
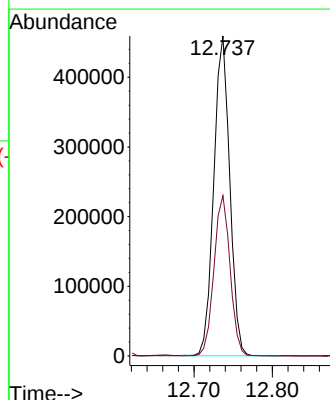
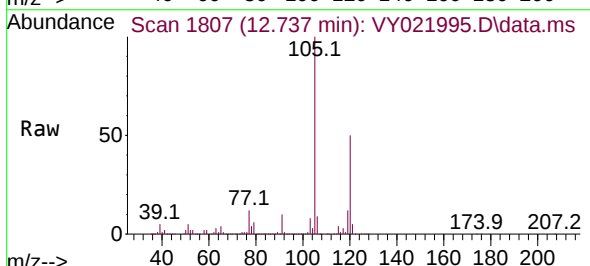
Acq: 24 Apr 2025 12:49

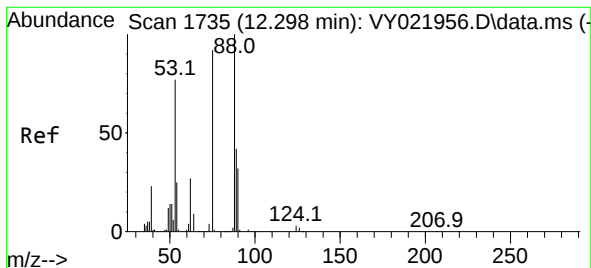
Tgt Ion: 105 Resp: 650635

Ion Ratio Lower Upper

105 100

120 50.7 25.0 75.0

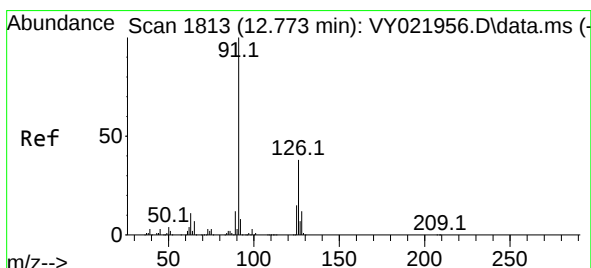
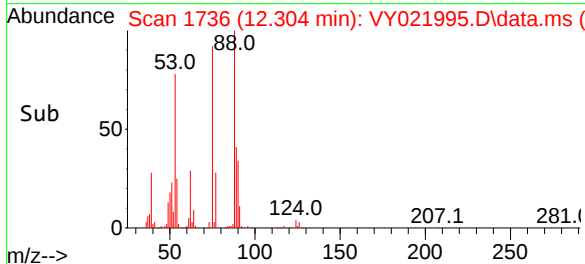
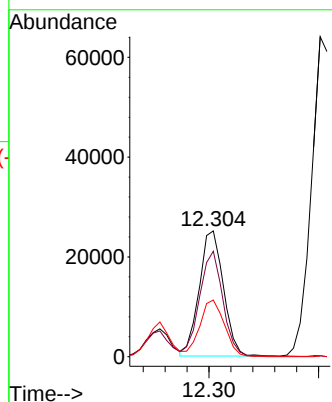
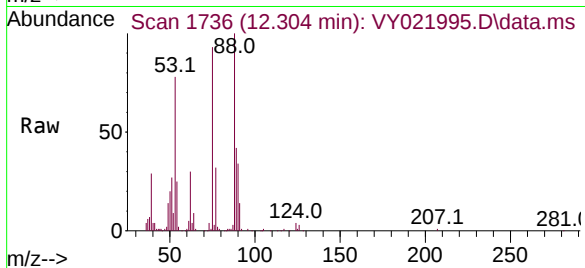




#81
trans-1,4-Dichloro-2-butene
Concen: 47.042 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

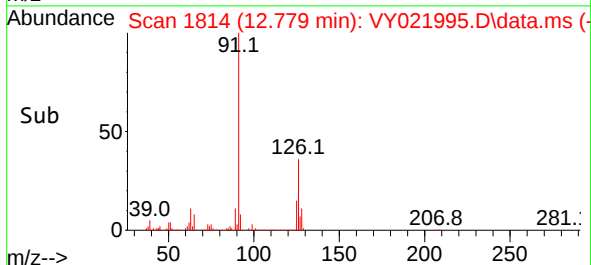
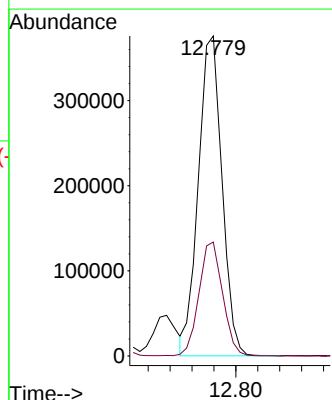
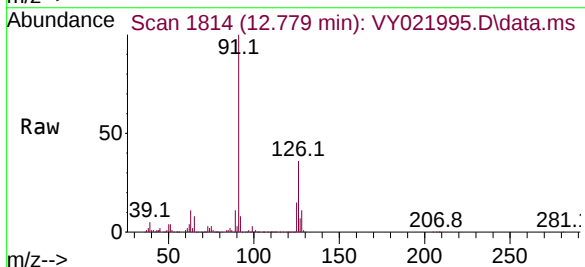
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

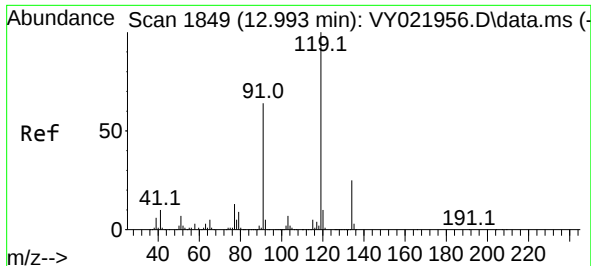
Tgt Ion: 75 Resp: 38521
Ion Ratio Lower Upper
75 100
53 81.7 66.0 99.0
89 46.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 50.837 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021995.D
Acq: 24 Apr 2025 12:49

Tgt Ion: 91 Resp: 562953
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.8

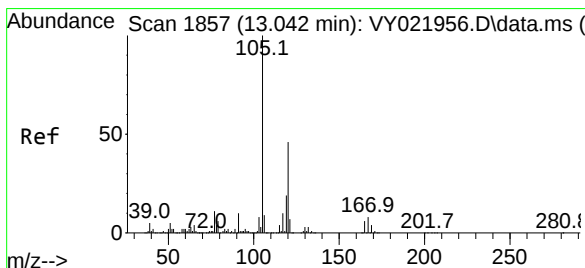
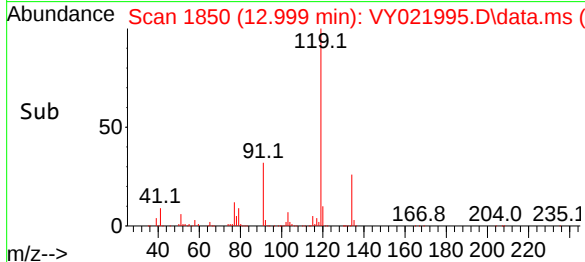
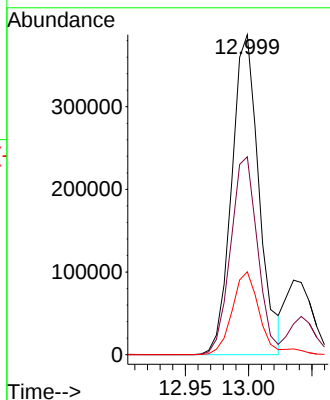
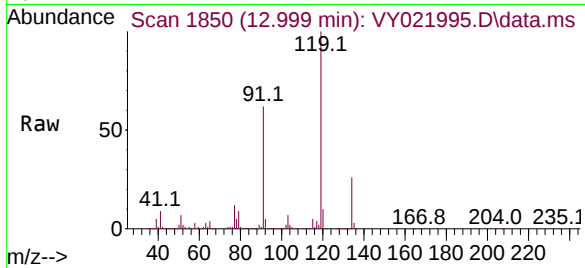




#83
 tert-Butylbenzene
 Concen: 51.063 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

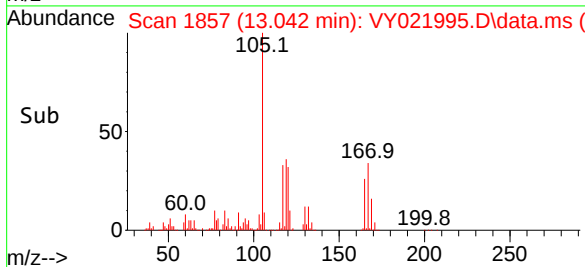
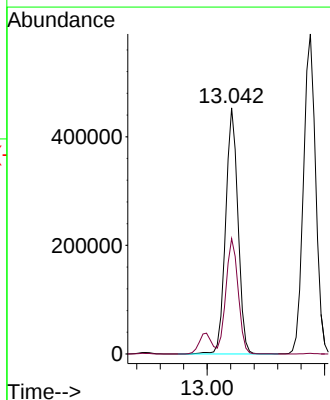
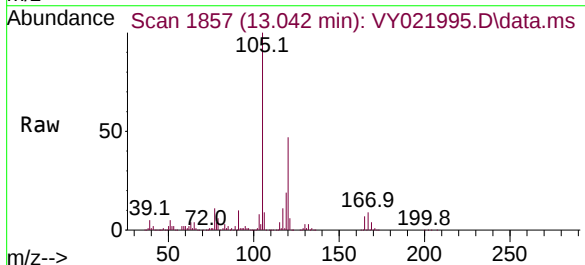
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

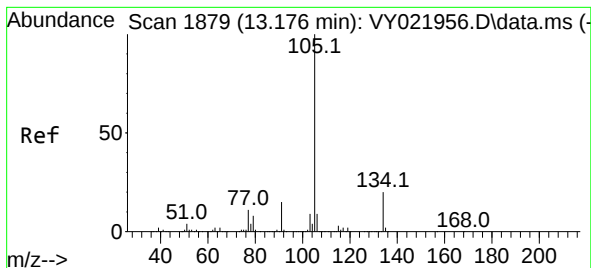
Tgt Ion:119 Resp: 580389
 Ion Ratio Lower Upper
 119 100
 91 61.2 30.3 90.9
 134 26.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.999 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY021995.D
 Acq: 24 Apr 2025 12:49

Tgt Ion:105 Resp: 659154
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 50.778 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

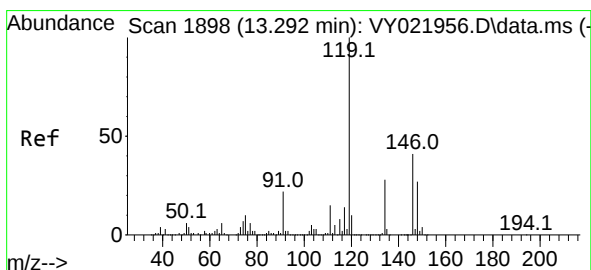
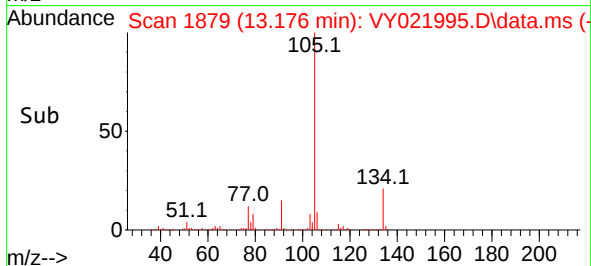
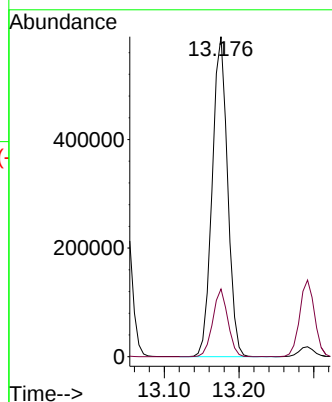
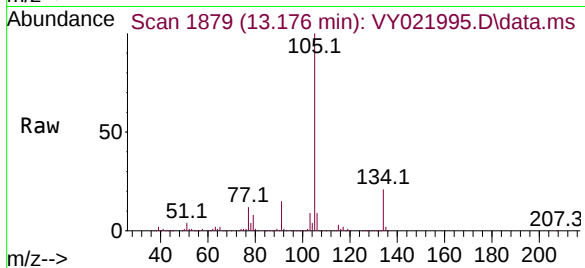
VSTDCCC050EC

Tgt Ion:105 Resp: 844537

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.181 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

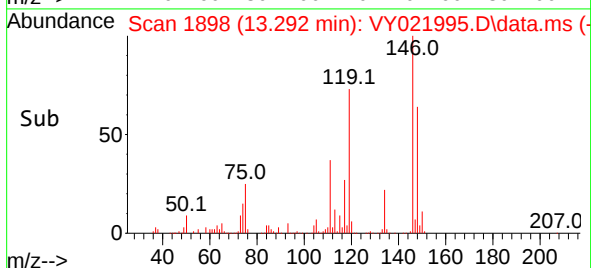
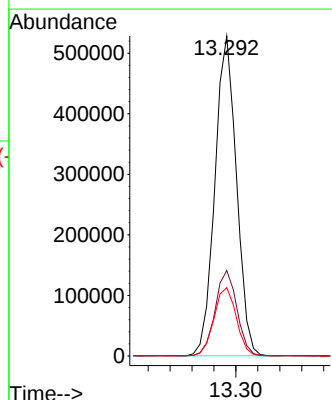
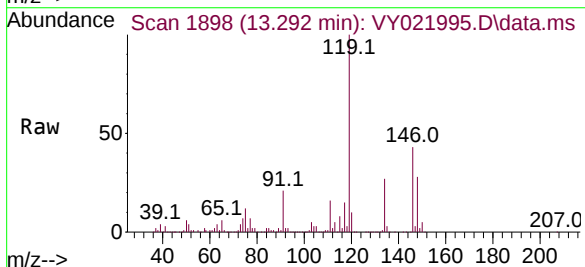
Tgt Ion:119 Resp: 722832

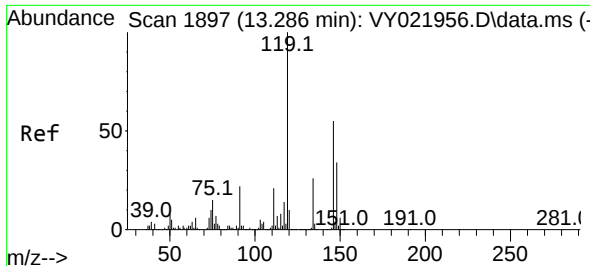
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.449 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

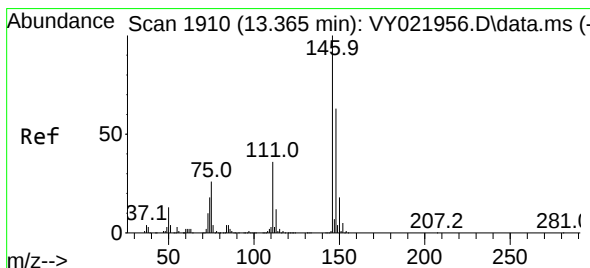
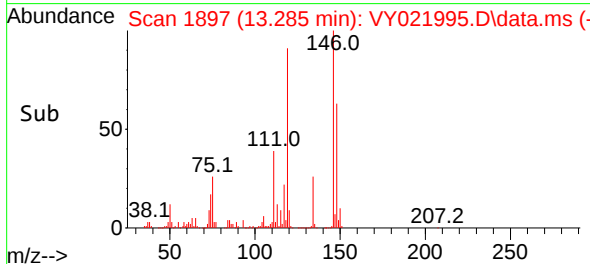
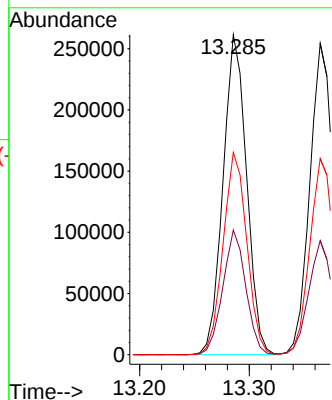
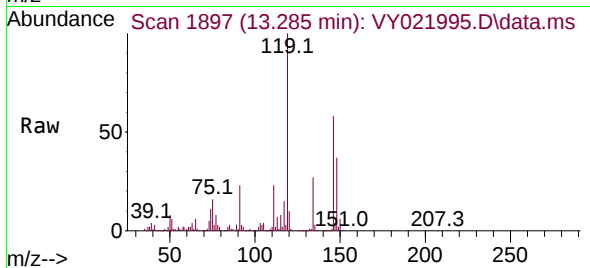
Tgt Ion:146 Resp: 390344

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 48.646 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

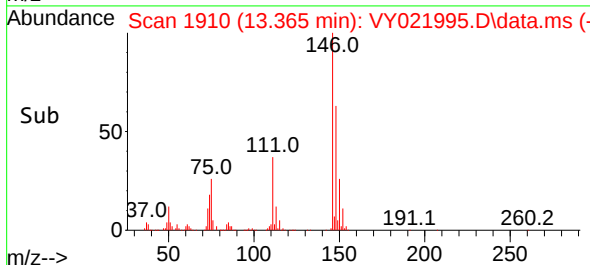
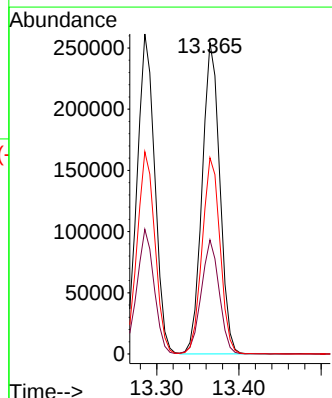
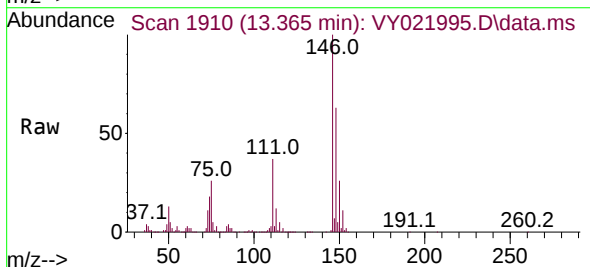
Tgt Ion:146 Resp: 380313

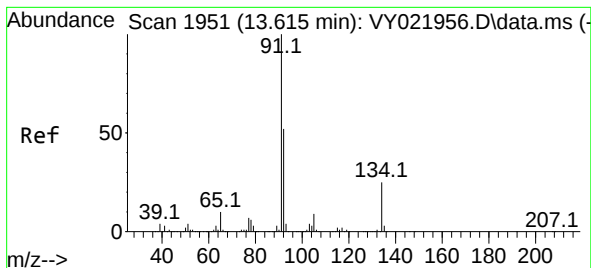
Ion Ratio Lower Upper

146 100

111 37.0 19.2 57.6

148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 49.712 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

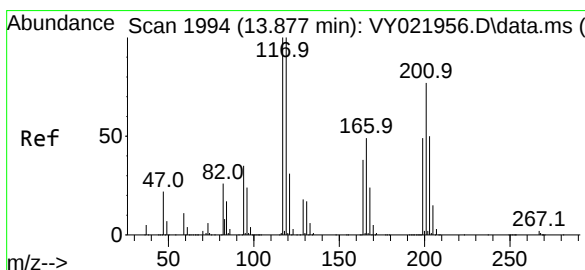
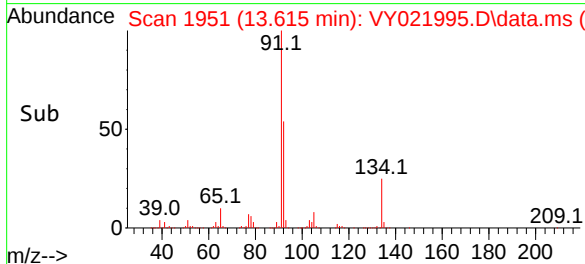
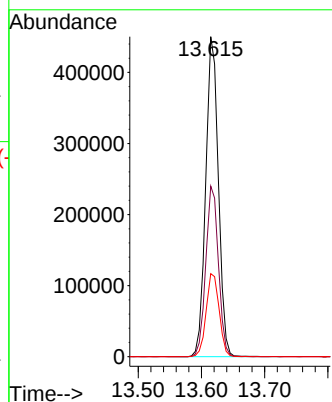
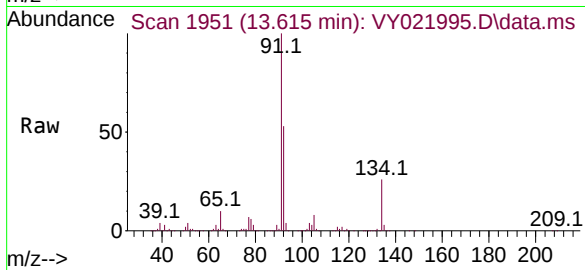
Tgt Ion: 91 Resp: 627547

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 26.7 13.4 40.1



#90

Hexachloroethane

Concen: 48.384 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY021995.D

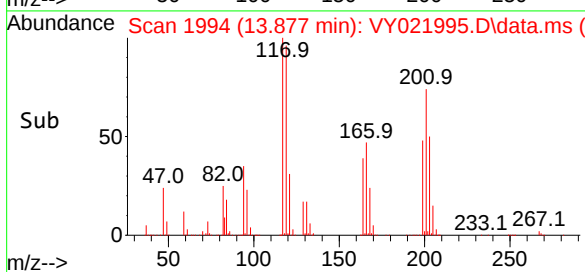
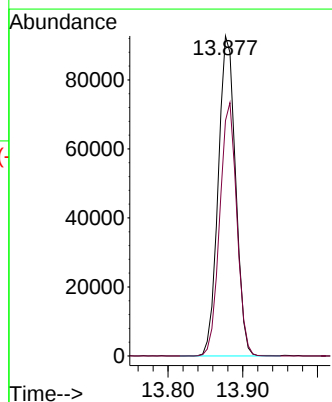
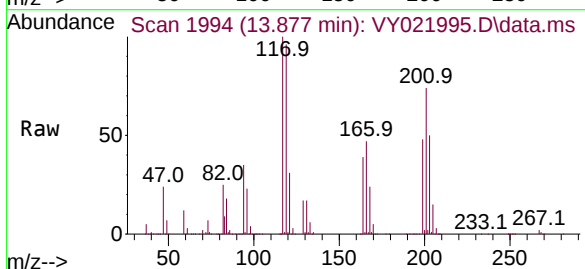
Acq: 24 Apr 2025 12:49

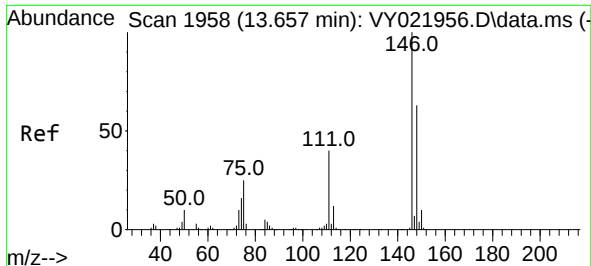
Tgt Ion: 117 Resp: 150133

Ion Ratio Lower Upper

117 100

201 77.6 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 49.302 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

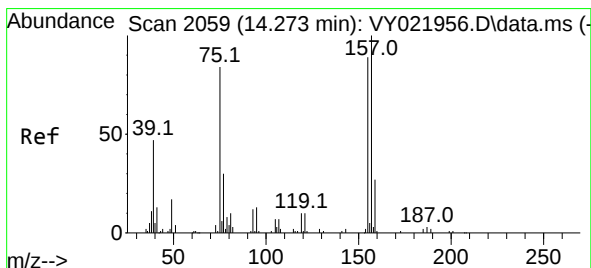
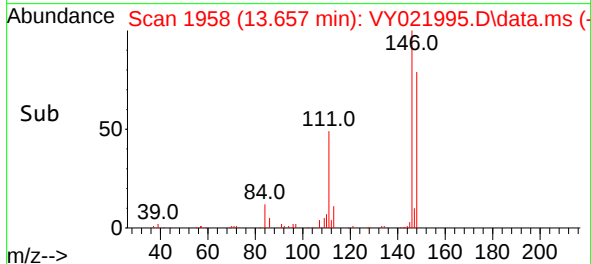
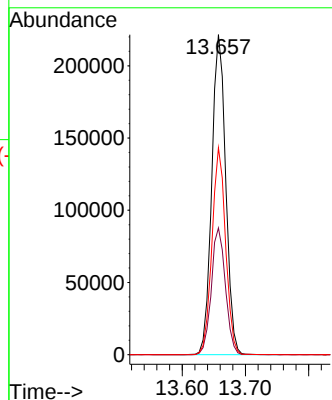
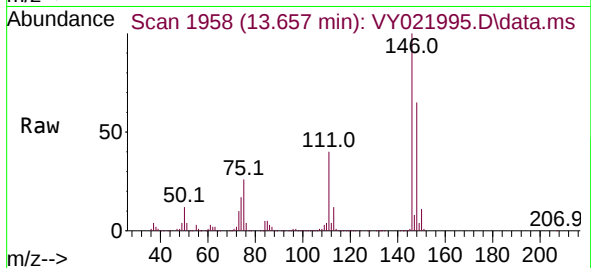
Tgt Ion:146 Resp: 339446

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 63.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.563 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

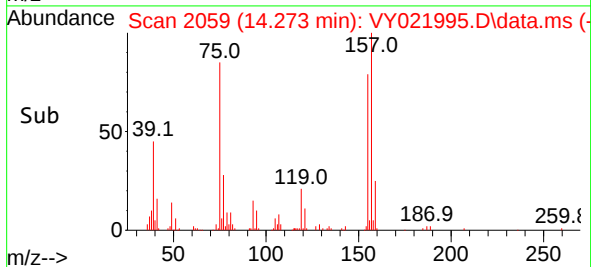
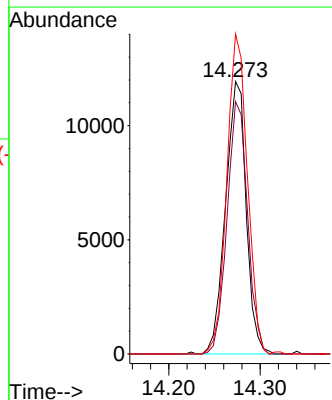
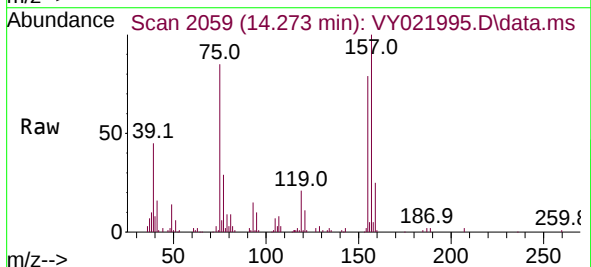
Tgt Ion: 75 Resp: 18798

Ion Ratio Lower Upper

75 100

155 91.6 50.7 152.3

157 116.9 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 47.344 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

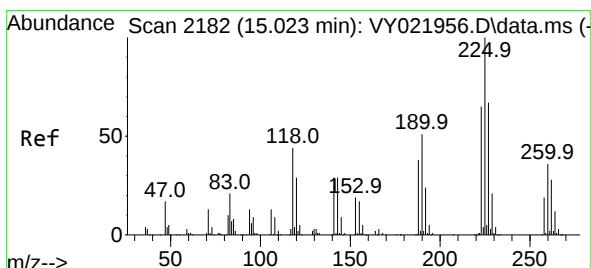
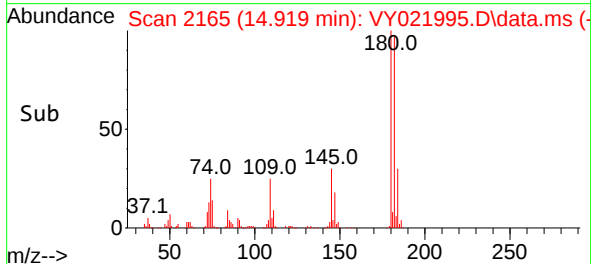
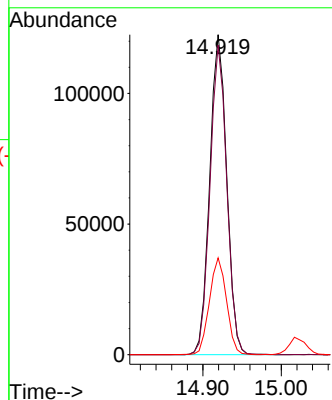
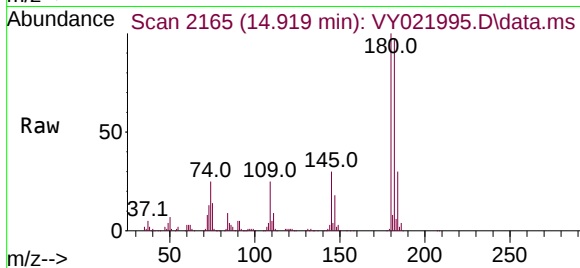
Tgt Ion:180 Resp: 184715

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.4

145 30.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 45.822 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

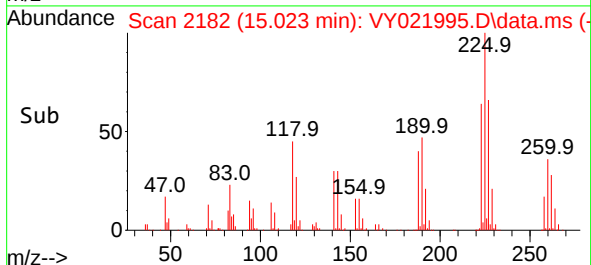
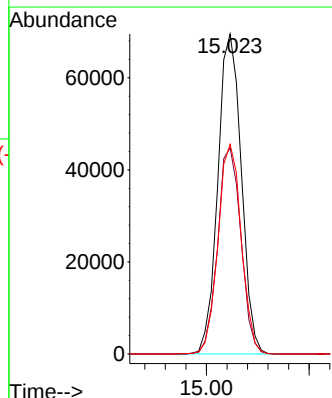
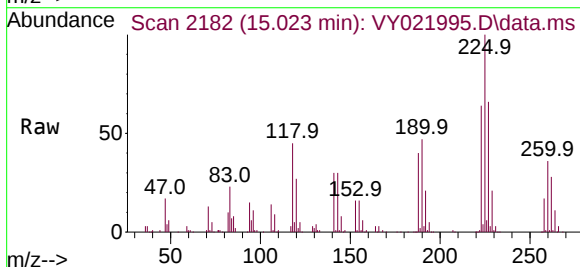
Tgt Ion:225 Resp: 109994

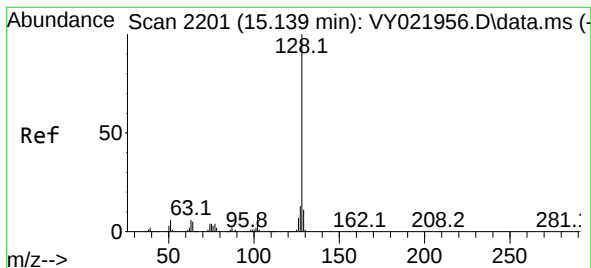
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.5

227 64.8 32.3 96.9





#95

Naphthalene

Concen: 47.852 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

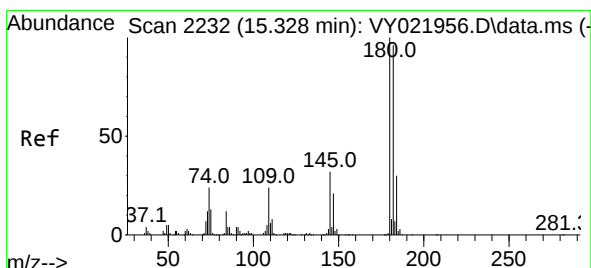
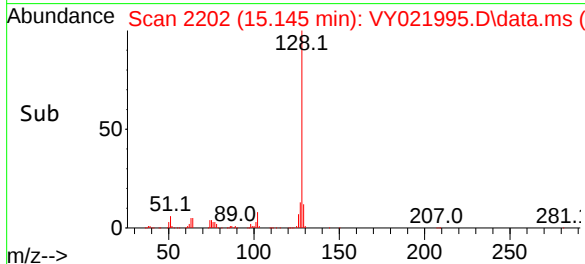
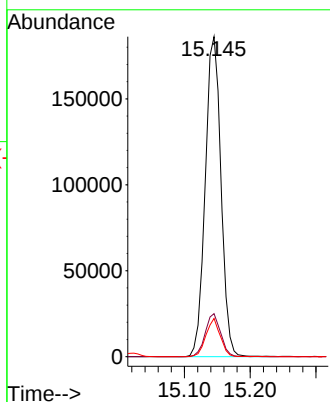
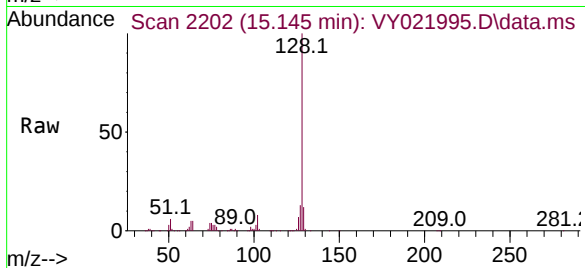
Tgt Ion:128 Resp: 310135

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.548 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY021995.D

Acq: 24 Apr 2025 12:49

Tgt Ion:180 Resp: 160134

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 31.9 16.0 48.0

