

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021313.D
 Acq On : 25 Feb 2025 15:34
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 26 02:22:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	363551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	574112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	506908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	245738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195878	47.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.000%
35) Dibromofluoromethane	7.634	113	181675	48.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.103	98	702921	48.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.408	95	232158	47.422	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	173147	50.233	ug/l	96
3) Chloromethane	2.068	50	217311	48.817	ug/l	99
4) Vinyl Chloride	2.202	62	220777	50.529	ug/l	98
5) Bromomethane	2.586	94	131328	45.231	ug/l	99
6) Chloroethane	2.733	64	134790	49.747	ug/l	99
7) Trichlorofluoromethane	3.056	101	330332	50.061	ug/l	97
8) Diethyl Ether	3.452	74	101667	51.334	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	195162	51.085	ug/l	99
10) Methyl Iodide	4.001	142	220327	54.818	ug/l	99
11) Tert butyl alcohol	4.860	59	71867	226.550	ug/l	99
12) 1,1-Dichloroethene	3.787	96	187234	51.185	ug/l	97
13) Acrolein	3.647	56	12083	49.706	ug/l	97
14) Allyl chloride	4.379	41	334037	51.505	ug/l	99
15) Acrylonitrile	5.055	53	226403	258.555	ug/l	99
16) Acetone	3.867	43	184445	233.146	ug/l	99
17) Carbon Disulfide	4.104	76	607510	50.014	ug/l	99
18) Methyl Acetate	4.385	43	99337	51.380	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	509081	52.675	ug/l	98
20) Methylene Chloride	4.616	84	198250	46.342	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	203868	50.626	ug/l	96
22) Diisopropyl ether	6.019	45	690486	51.449	ug/l	96
23) Vinyl Acetate	5.958	43	2136335	266.380	ug/l	99
24) 1,1-Dichloroethane	5.915	63	380524	50.306	ug/l	98
25) 2-Butanone	6.890	43	310092	259.714	ug/l	99
26) 2,2-Dichloropropane	6.884	77	340570	49.619	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	234768	51.054	ug/l	100
28) Bromochloromethane	7.244	49	161874	48.364	ug/l	99
29) Tetrahydrofuran	7.256	42	206327	264.373	ug/l	100
30) Chloroform	7.415	83	383158	49.990	ug/l	100
31) Cyclohexane	7.701	56	357179	49.123	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	354305	50.785	ug/l	99
36) 1,1-Dichloropropene	7.835	75	286731	50.714	ug/l	100
37) Ethyl Acetate	6.982	43	142723	50.748	ug/l	99
38) Carbon Tetrachloride	7.817	117	319693	50.297	ug/l	100
39) Methylcyclohexane	9.109	83	375501	52.510	ug/l	98
40) Benzene	8.079	78	833581	49.876	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	68699	43.690	ug/l	86
42) 1,2-Dichloroethane	8.158	62	239091	50.422	ug/l	100
43) Isopropyl Acetate	8.195	43	287112	52.743	ug/l	100
44) Trichloroethene	8.866	130	209830	50.146	ug/l	98
45) 1,2-Dichloropropane	9.140	63	200704	49.900	ug/l	99
46) Dibromomethane	9.231	93	111220	50.588	ug/l	100
47) Bromodichloromethane	9.420	83	296701	50.613	ug/l	99
48) Methyl methacrylate	9.219	41	139687	54.874	ug/l	100
49) 1,4-Dioxane	9.225	88	24931	1019.842	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	748208	268.508	ug/l	100
52) Toluene	10.170	92	527728	50.828	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	283994	52.877	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	325718	51.371	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	143501	50.104	ug/l	98
56) Ethyl methacrylate	10.439	69	221684	56.016	ug/l	99
57) 1,3-Dichloropropane	10.719	76	258424	51.419	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	491951	258.986	ug/l	100
59) 2-Hexanone	10.762	43	507160	277.128	ug/l	99
60) Dibromochloromethane	10.908	129	200773	51.471	ug/l	100
61) 1,2-Dibromoethane	11.012	107	137284	50.630	ug/l	98
64) Tetrachloroethene	10.646	164	190910	49.827	ug/l	100
65) Chlorobenzene	11.438	112	568363	49.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	200975	50.442	ug/l	99
67) Ethyl Benzene	11.518	91	1042034	51.701	ug/l	99
68) m/p-Xylenes	11.627	106	772192	101.858	ug/l	99
69) o-Xylene	11.957	106	366144	51.555	ug/l	98
70) Styrene	11.969	104	618430	52.337	ug/l	100
71) Bromoform	12.133	173	117716	51.645	ug/l #	99
73) Isopropylbenzene	12.255	105	978518	52.966	ug/l	99
74) N-amyl acetate	12.072	43	270601	57.626	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	167807	51.467	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	228873	93.049	ug/l #	100
77) Bromobenzene	12.530	156	223249	51.954	ug/l	99
78) n-propylbenzene	12.597	91	1182800	52.761	ug/l	100
79) 2-Chlorotoluene	12.682	91	660945	51.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	791697	52.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	61145	55.252	ug/l	100
82) 4-Chlorotoluene	12.780	91	683092	51.218	ug/l	100
83) tert-Butylbenzene	12.999	119	721974	52.749	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	789885	52.416	ug/l	100
85) sec-Butylbenzene	13.176	105	1042802	52.160	ug/l	100
86) p-Isopropyltoluene	13.292	119	883112	52.901	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	435874	51.279	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	423527	50.437	ug/l	100
89) n-Butylbenzene	13.621	91	842921	53.656	ug/l	99
90) Hexachloroethane	13.883	117	180362	51.723	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	377855	50.738	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28210	54.694	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	252651	55.585	ug/l	99
94) Hexachlorobutadiene	15.023	225	151048	52.785	ug/l	100
95) Naphthalene	15.145	128	455710	60.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	215777	56.187	ug/l	99

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ClientSampleId :
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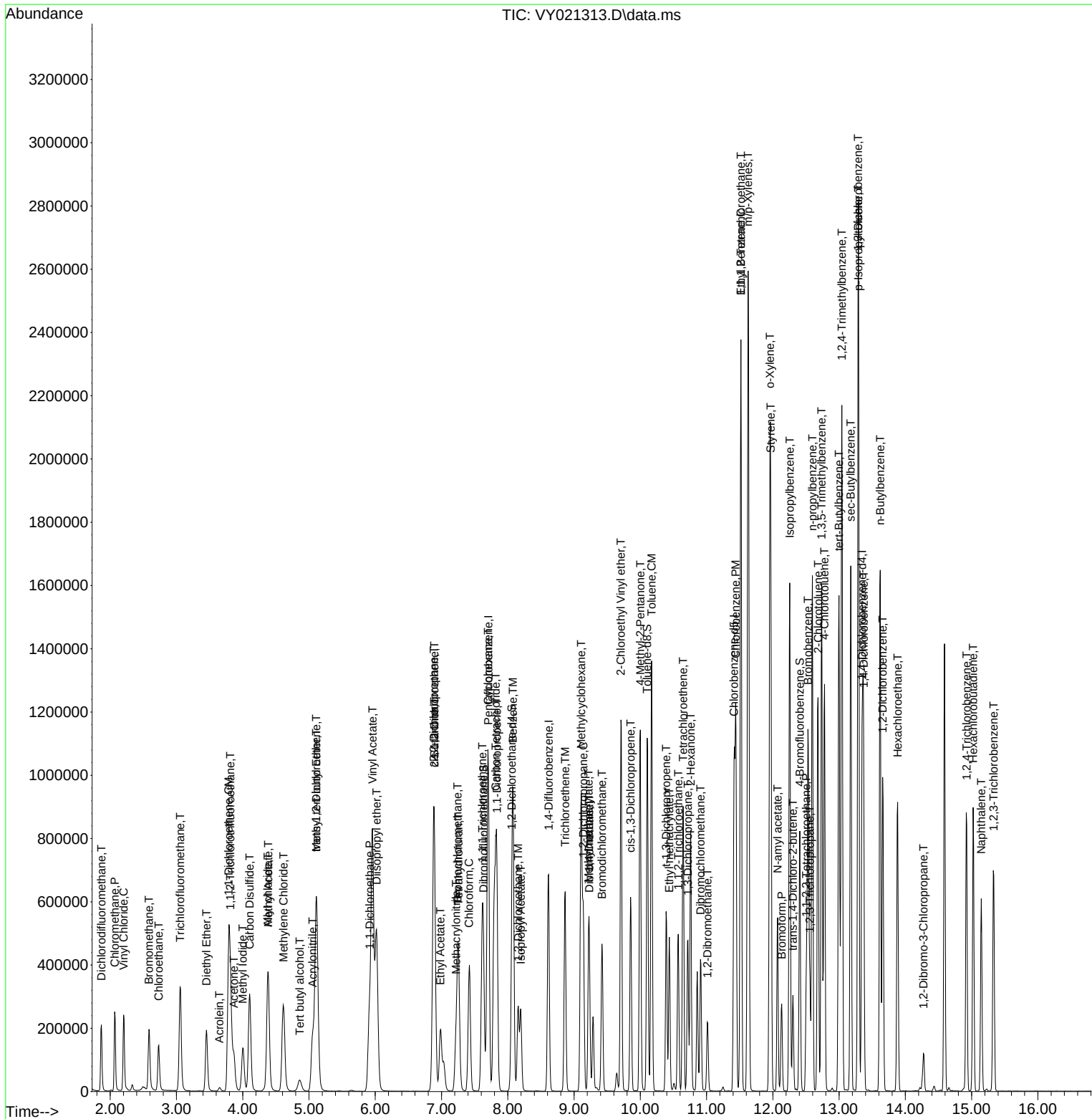
Quant Time: Feb 26 02:22:42 2025
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Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

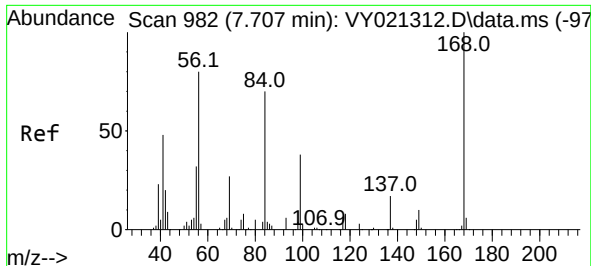
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
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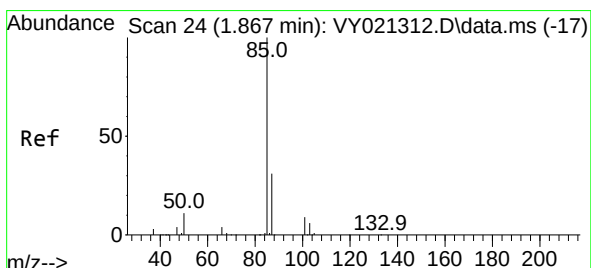
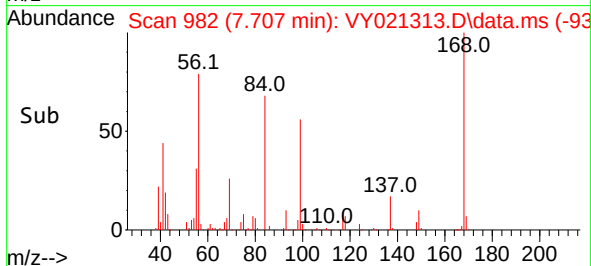
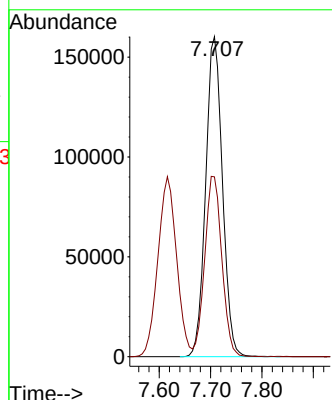
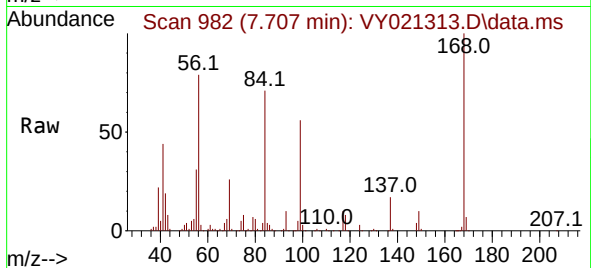




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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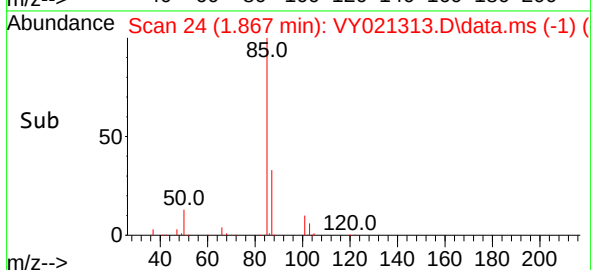
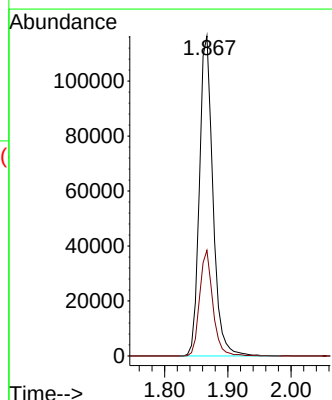
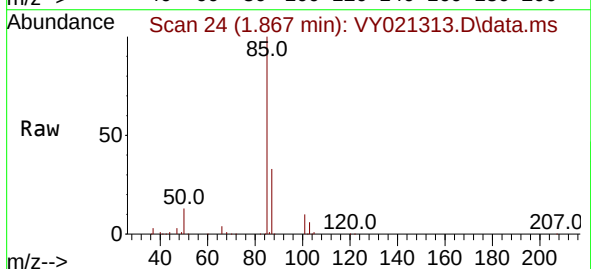
Instrument :
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ClientSampleId :
VSTDIC100

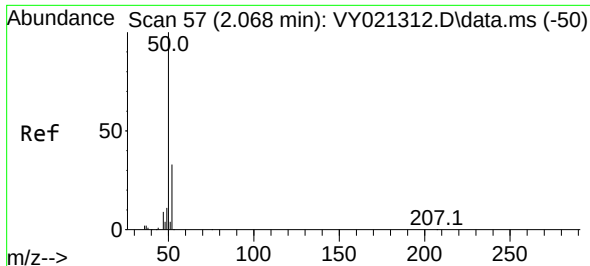
Tgt Ion:168 Resp: 363551
Ion Ratio Lower Upper
168 100
99 56.1 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 50.233 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 85 Resp: 173147
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.4

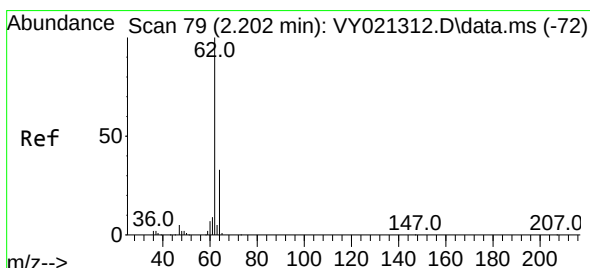
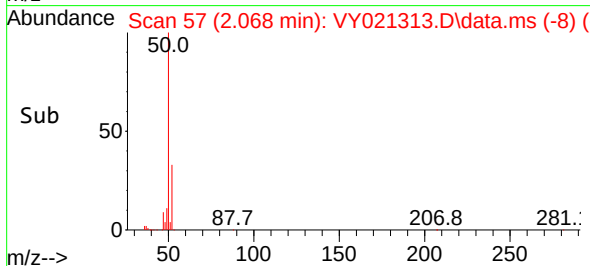
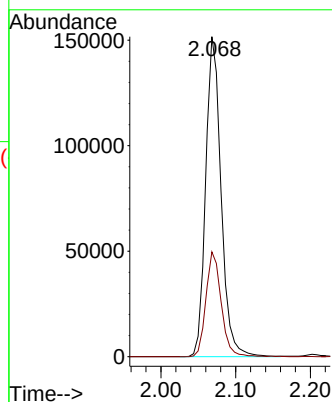
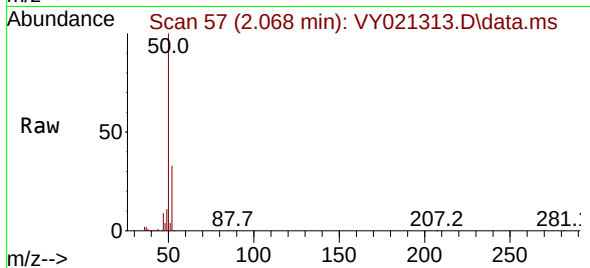




#3
Chloromethane
Concen: 48.817 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

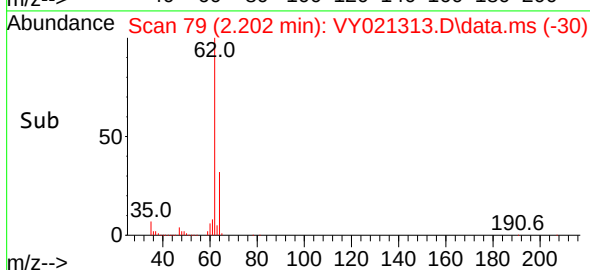
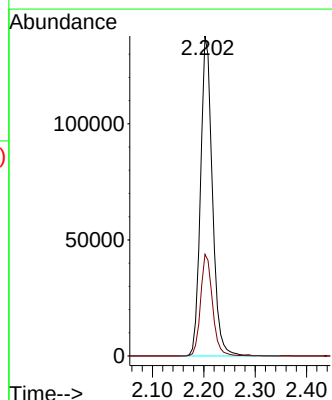
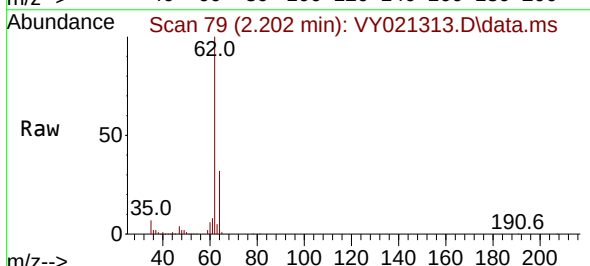
Instrument :
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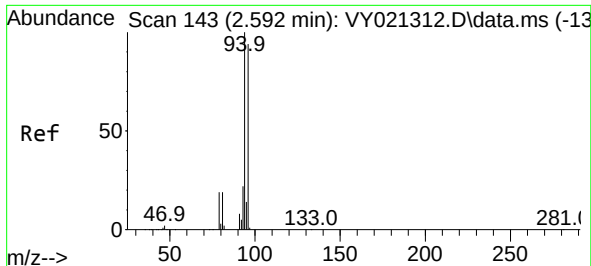
Tgt Ion: 50 Resp: 217311
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 50.529 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 62 Resp: 220777
Ion Ratio Lower Upper
62 100
64 31.8 26.3 39.5

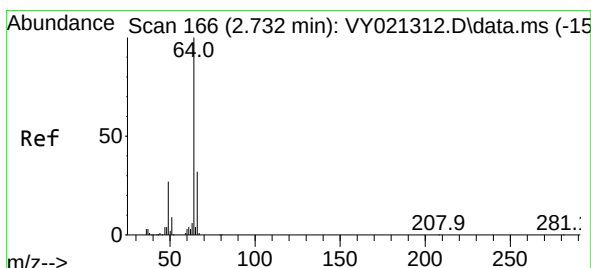
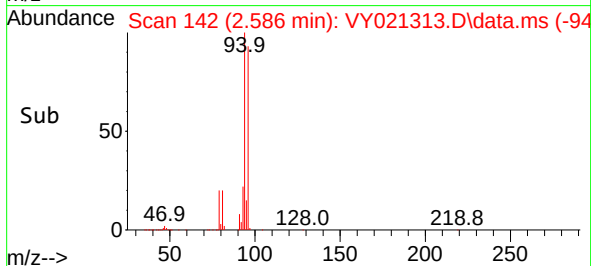
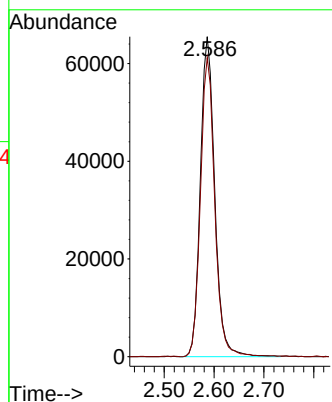
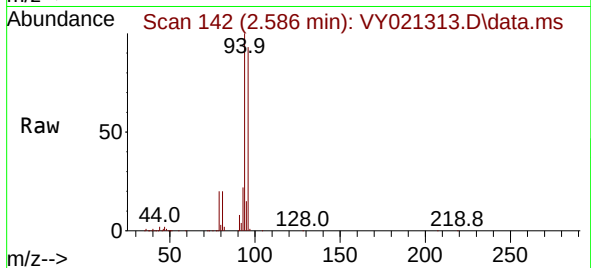




#5
Bromomethane
Concen: 45.231 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

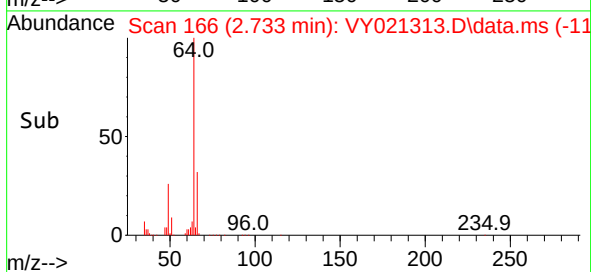
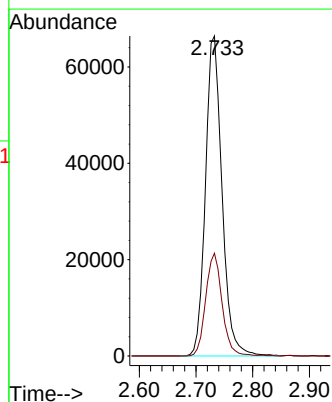
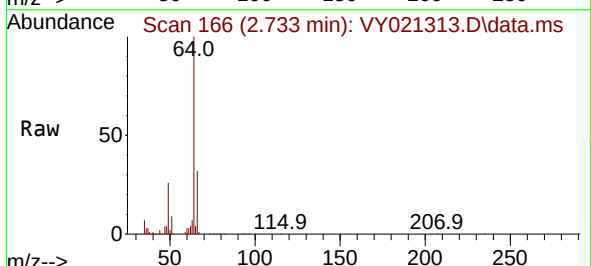
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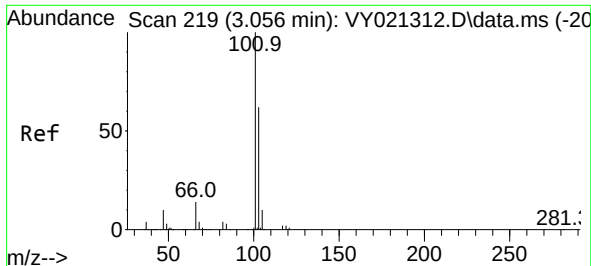
Tgt Ion: 94 Resp: 131328
Ion Ratio Lower Upper
94 100
96 93.5 75.2 112.8



#6
Chloroethane
Concen: 49.747 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 64 Resp: 134790
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0

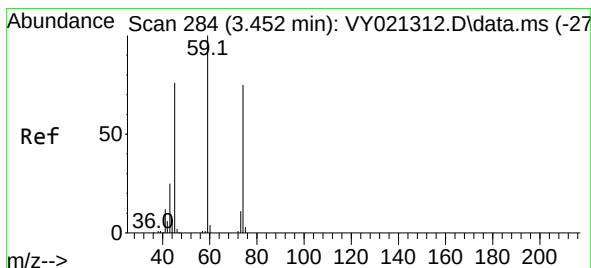
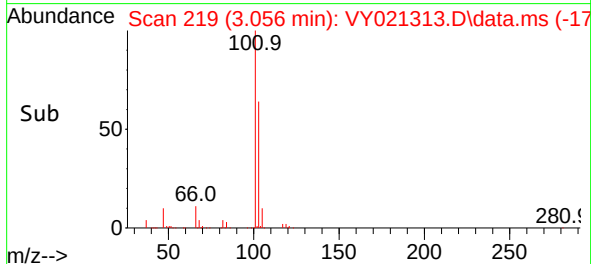
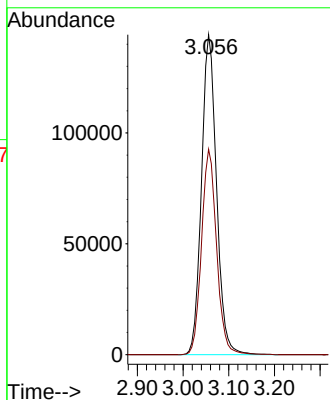
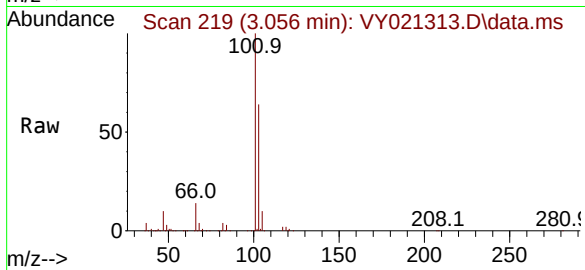




#7
 Trichlorofluoromethane
 Concen: 50.061 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021313.D
 Acq: 25 Feb 2025 15:34

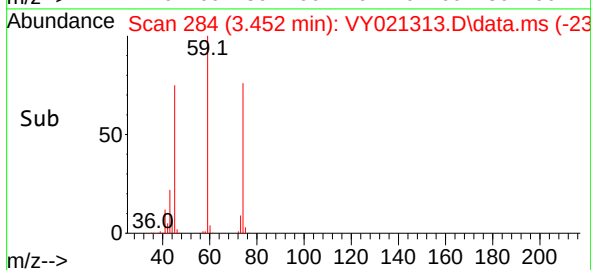
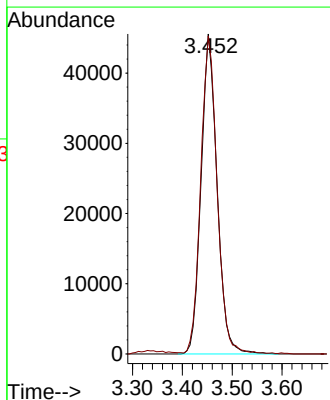
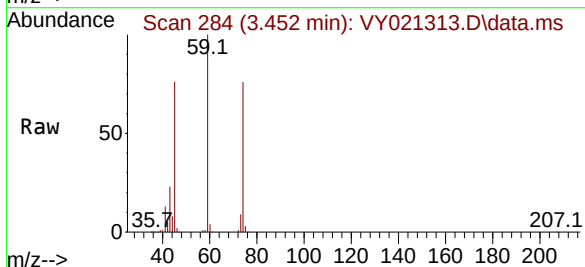
Instrument :
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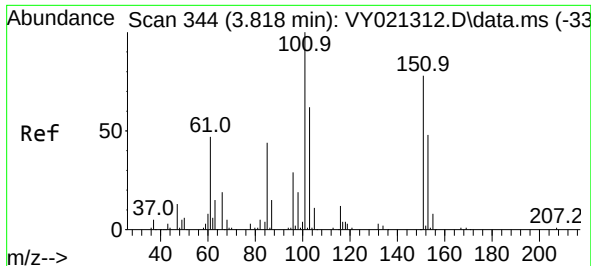
Tgt Ion:101 Resp: 330332
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.7 74.5



#8
 Diethyl Ether
 Concen: 51.334 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021313.D
 Acq: 25 Feb 2025 15:34

Tgt Ion: 74 Resp: 101667
 Ion Ratio Lower Upper
 74 100
 45 101.4 50.3 150.9

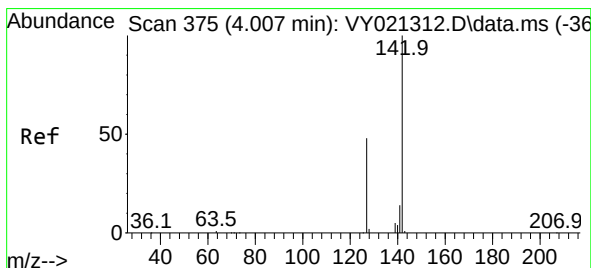
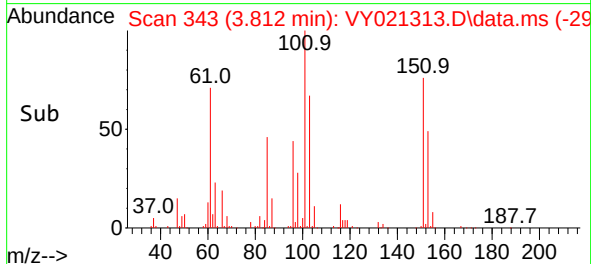
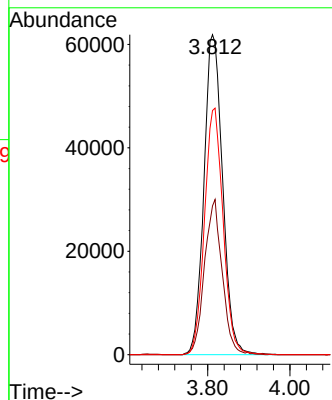
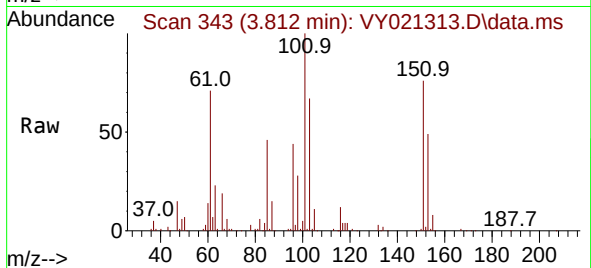




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.085 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

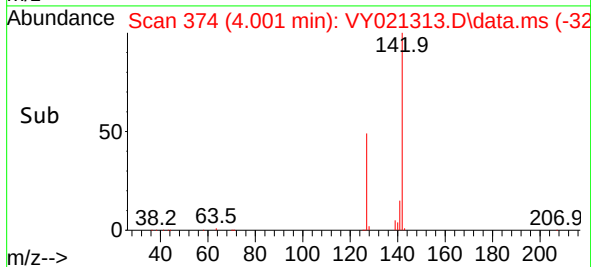
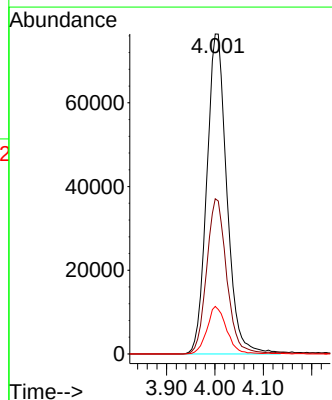
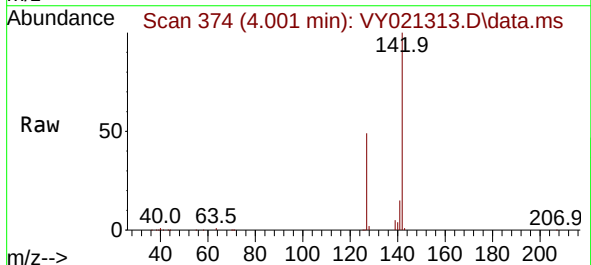
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

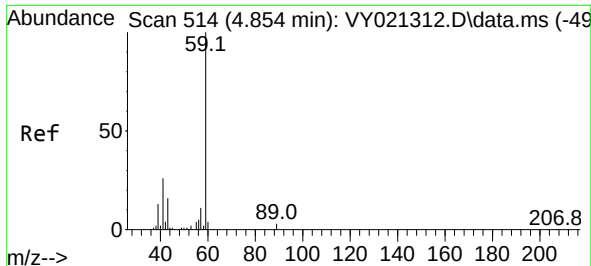
Tgt Ion:101 Resp: 195162
Ion Ratio Lower Upper
101 100
85 46.1 36.7 55.1
151 76.8 62.6 94.0



#10
Methyl Iodide
Concen: 54.818 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion:142 Resp: 220327
Ion Ratio Lower Upper
142 100
127 48.4 39.2 58.8
141 14.5 11.4 17.2

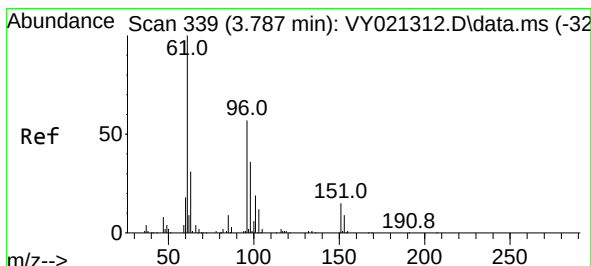
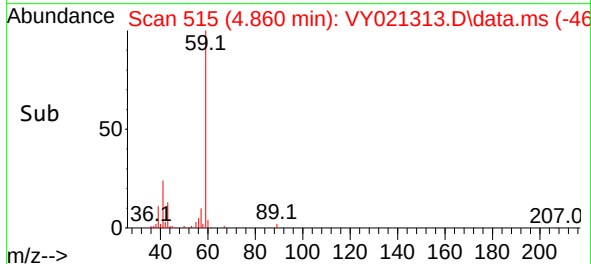
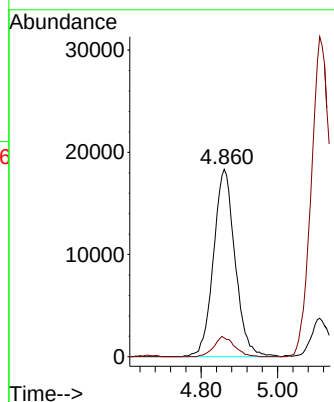
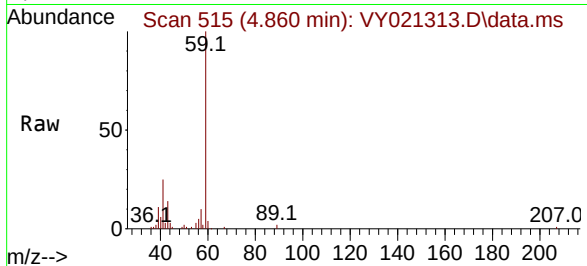




#11
Tert butyl alcohol
Concen: 226.550 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

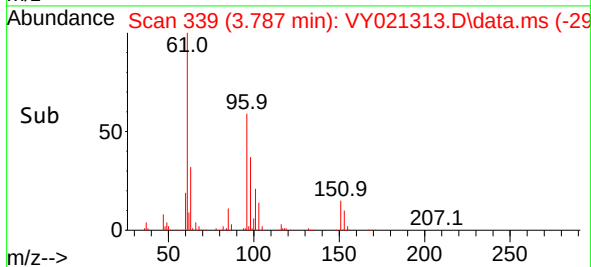
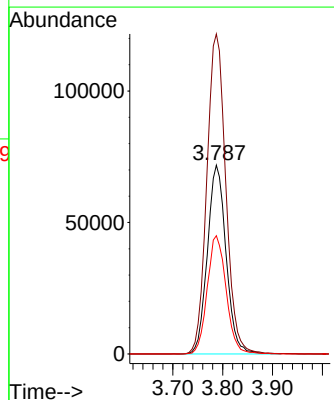
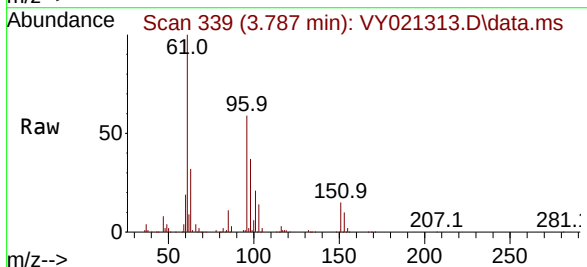
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

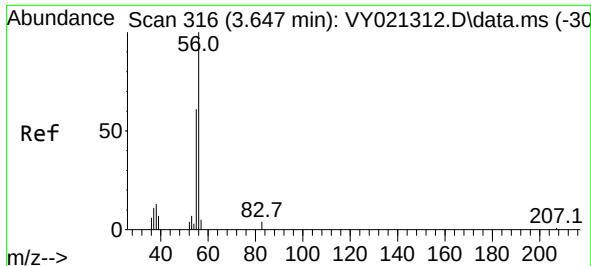
Tgt Ion: 59 Resp: 71867
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.185 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 96 Resp: 187234
Ion Ratio Lower Upper
96 100
61 169.5 139.7 209.5
98 62.6 49.7 74.5





#13

Acrolein

Concen: 49.706 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

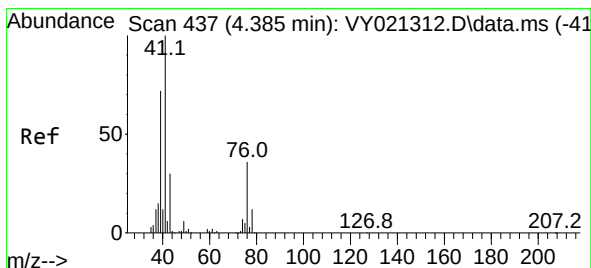
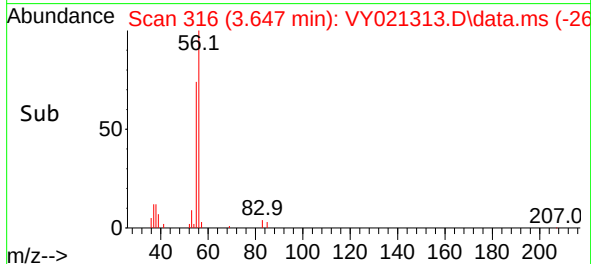
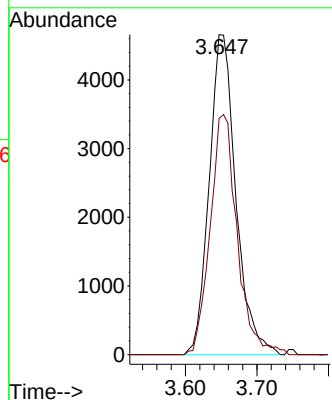
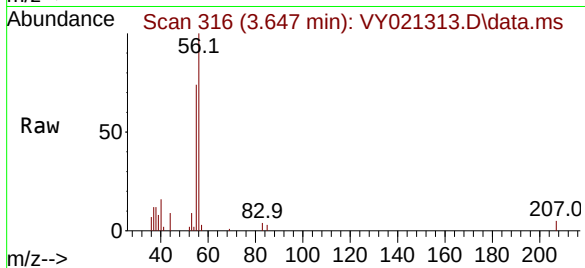
VSTDICC100

Tgt Ion: 56 Resp: 12083

Ion Ratio Lower Upper

56 100

55 75.9 59.0 88.6



#14

Allyl chloride

Concen: 51.505 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

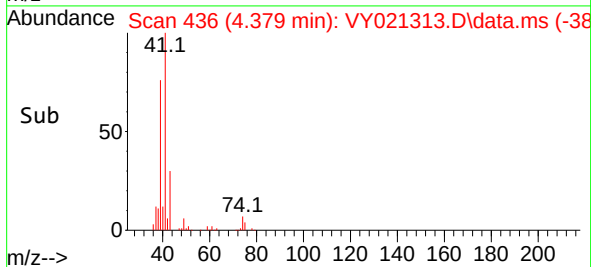
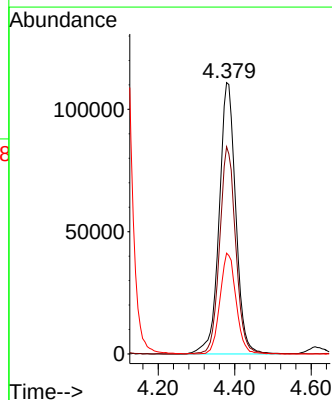
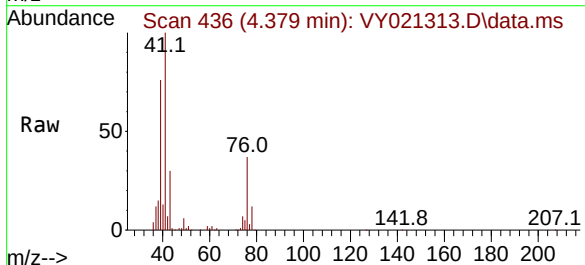
Tgt Ion: 41 Resp: 334037

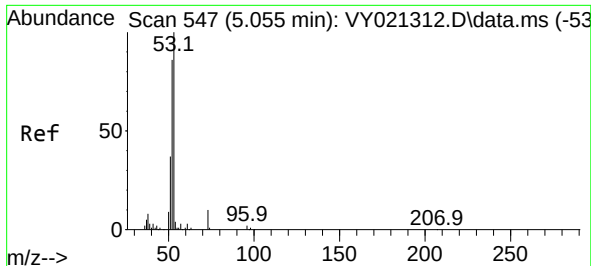
Ion Ratio Lower Upper

41 100

39 74.0 60.0 90.0

76 36.0 29.0 43.6

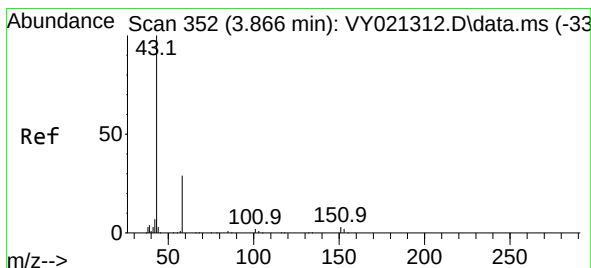
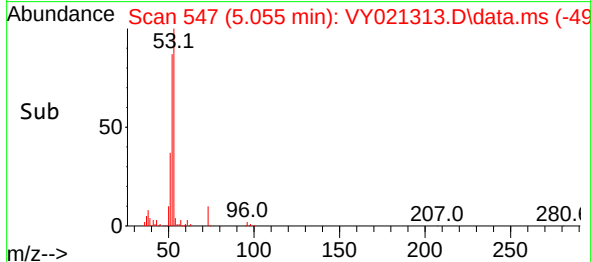
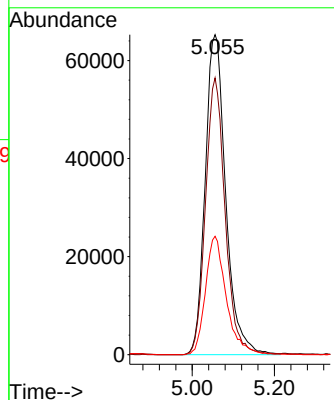
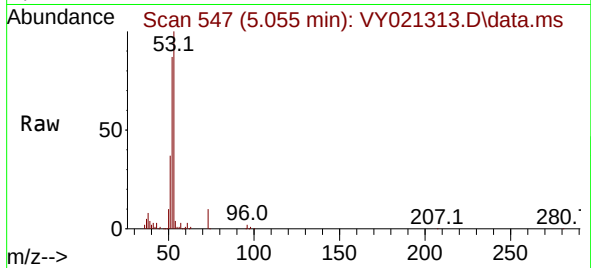




#15
Acrylonitrile
Concen: 258.555 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

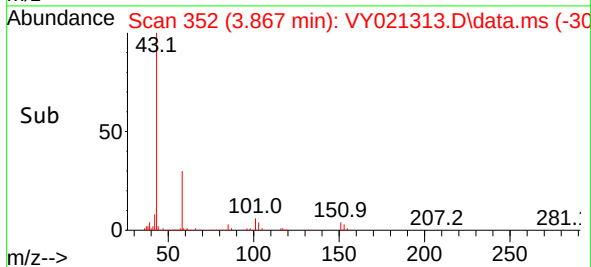
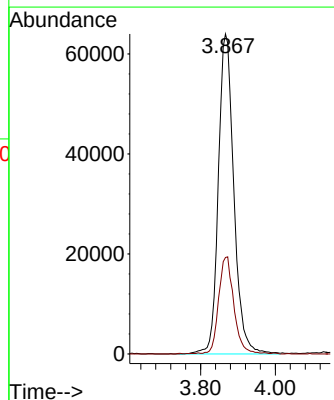
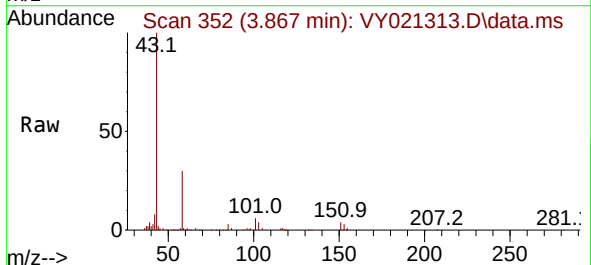
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

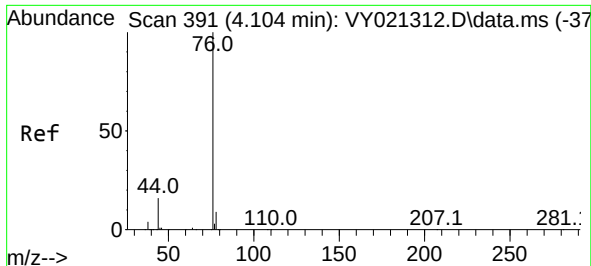
Tgt Ion: 53 Resp: 226403
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 37.7 30.6 46.0



#16
Acetone
Concen: 233.146 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 43 Resp: 184445
Ion Ratio Lower Upper
43 100
58 30.1 23.5 35.3

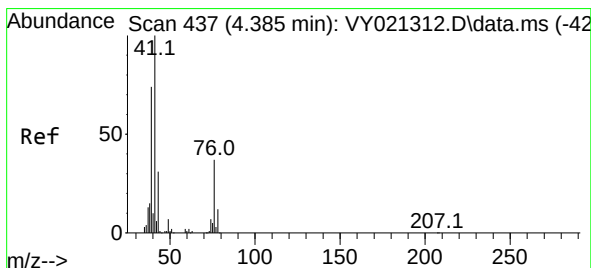
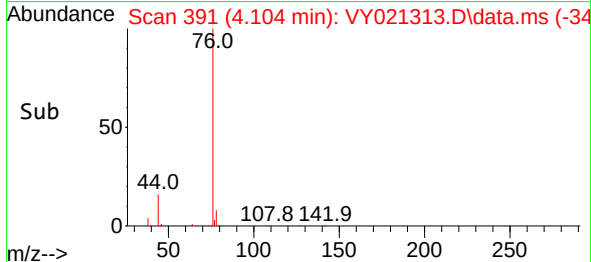
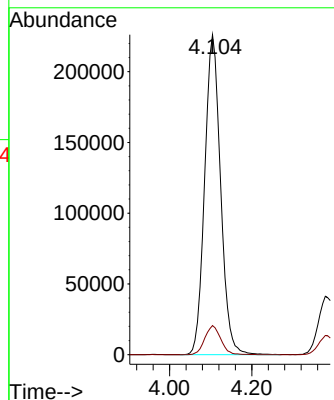
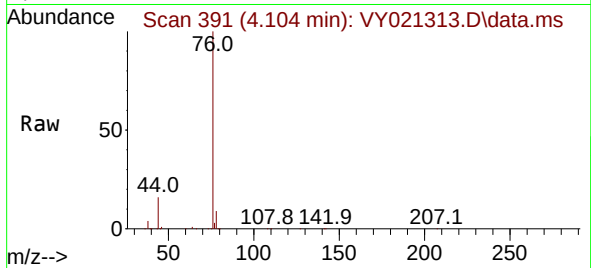




#17
Carbon Disulfide
Concen: 50.014 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

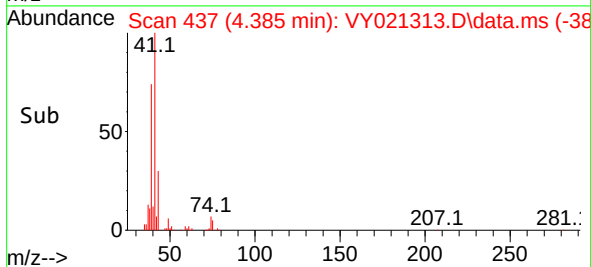
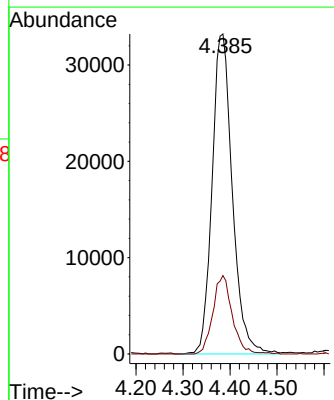
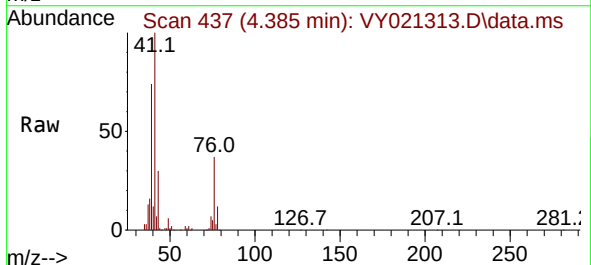
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

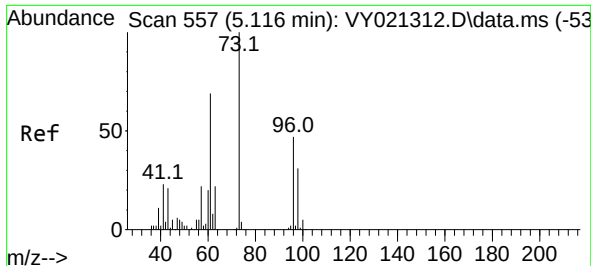
Tgt Ion: 76 Resp: 607510
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 51.380 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 43 Resp: 99337
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 52.675 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

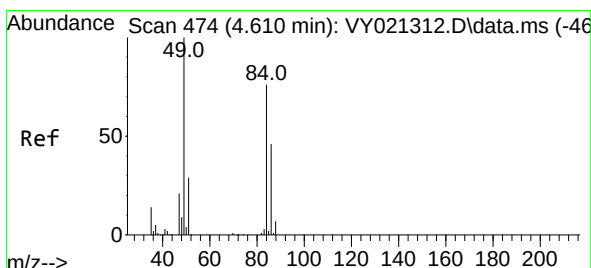
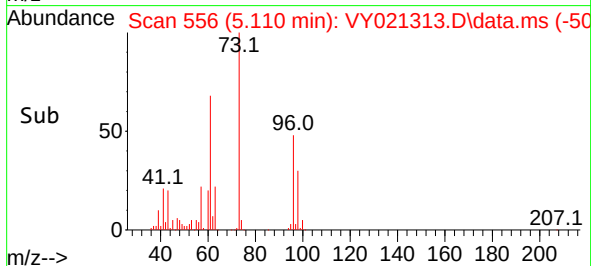
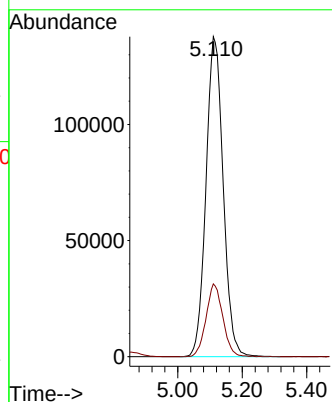
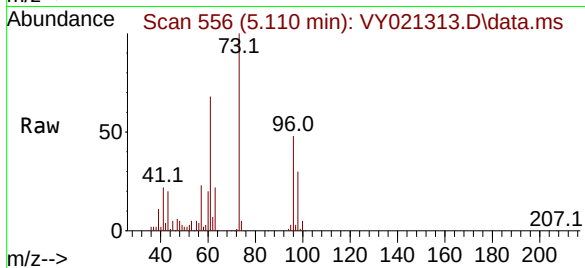
VSTDICC100

Tgt Ion: 73 Resp: 509081

Ion Ratio Lower Upper

73 100

57 22.7 17.4 26.0



#20

Methylene Chloride

Concen: 46.342 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Tgt Ion: 84 Resp: 198250

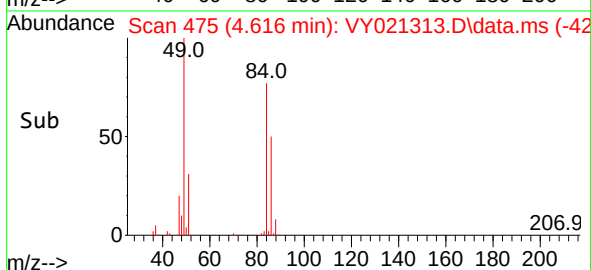
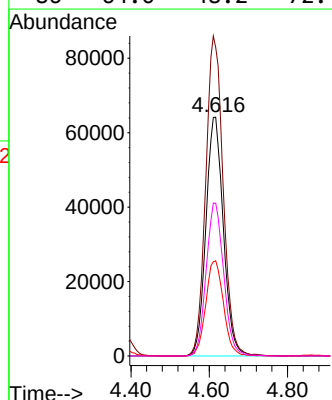
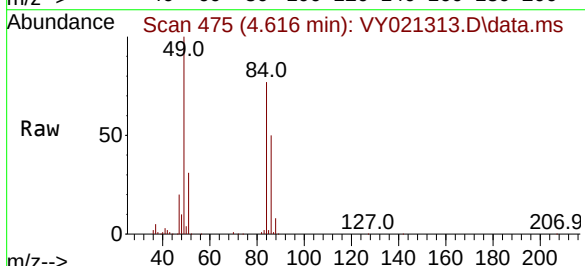
Ion Ratio Lower Upper

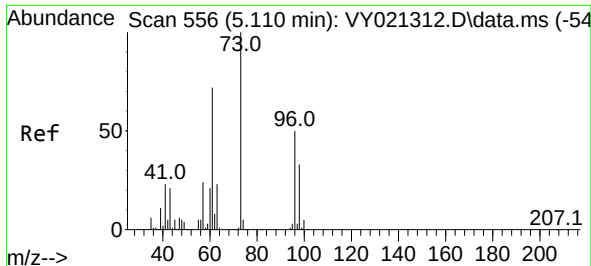
84 100

49 129.2 105.1 157.7

51 39.9 31.0 46.4

86 64.0 48.2 72.4

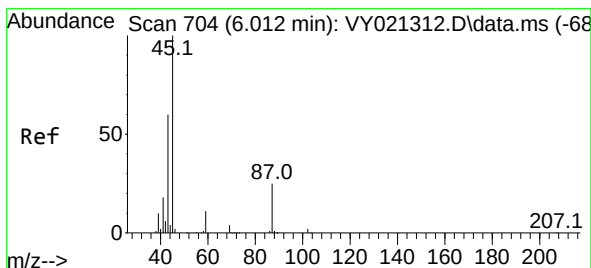
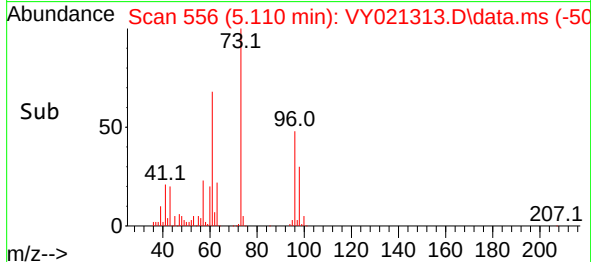
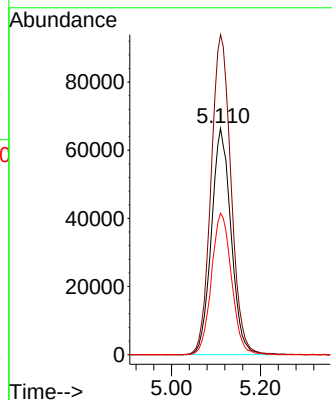
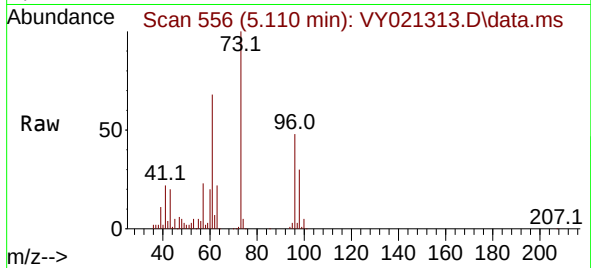




#21
trans-1,2-Dichloroethene
Concen: 50.626 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

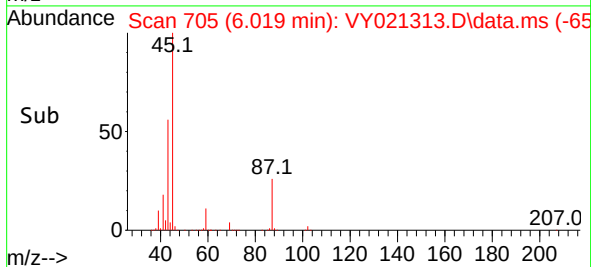
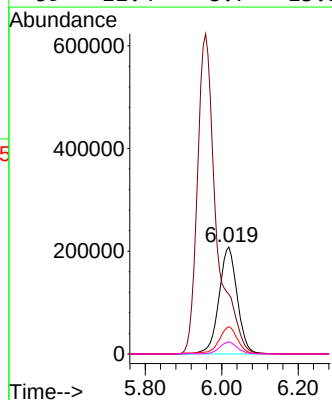
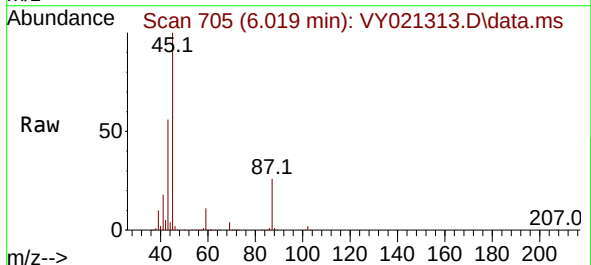
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

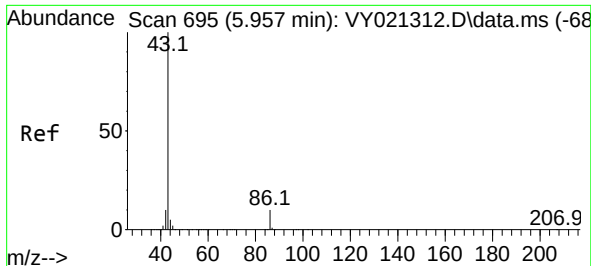
Tgt Ion: 96 Resp: 203868
Ion Ratio Lower Upper
96 100
61 141.3 116.3 174.5
98 62.4 52.6 78.8



#22
Diisopropyl ether
Concen: 51.449 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 45 Resp: 690486
Ion Ratio Lower Upper
45 100
43 55.6 48.2 72.4
87 25.6 20.3 30.5
59 11.4 8.7 13.1

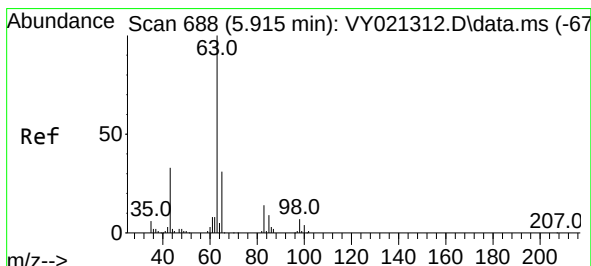
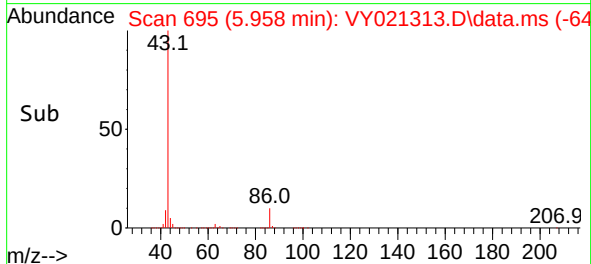
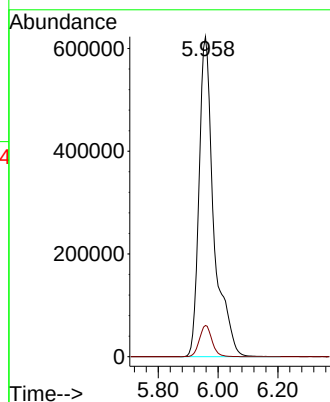
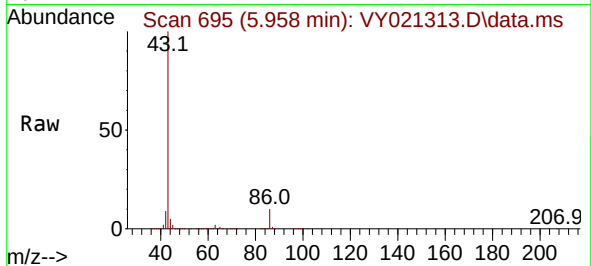




#23
 Vinyl Acetate
 Concen: 266.380 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021313.D
 Acq: 25 Feb 2025 15:34

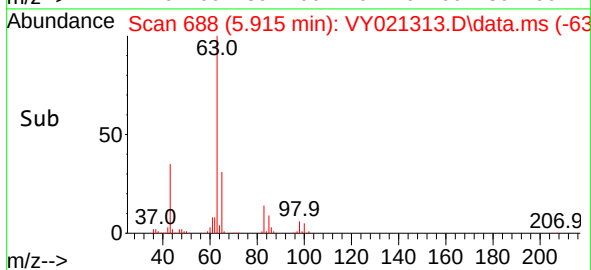
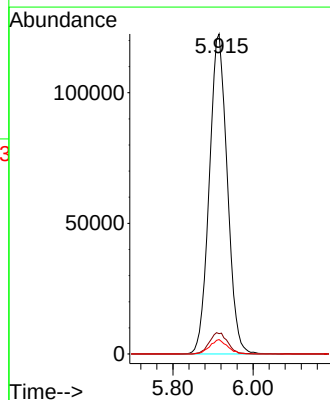
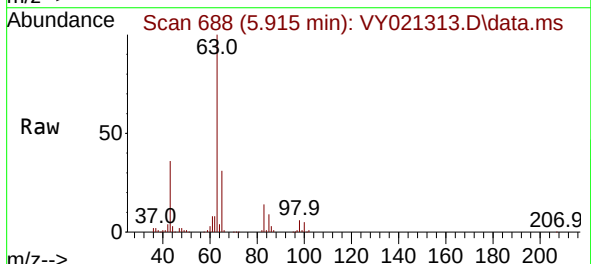
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

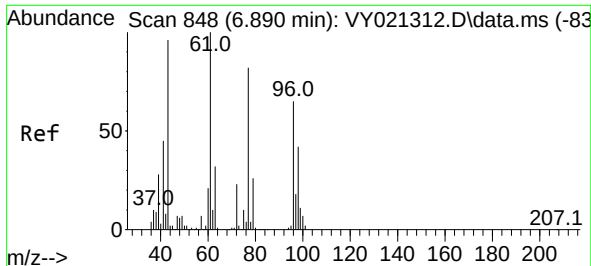
Tgt Ion: 43 Resp: 2136335
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 50.306 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021313.D
 Acq: 25 Feb 2025 15:34

Tgt Ion: 63 Resp: 380524
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.7 11.1
 100 4.5 2.1 6.5

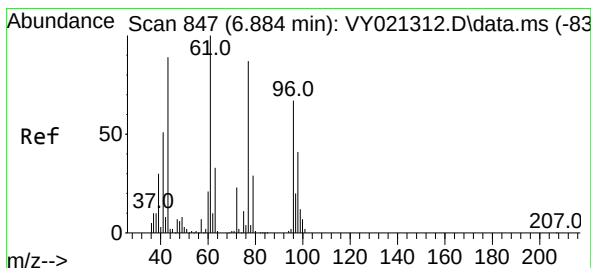
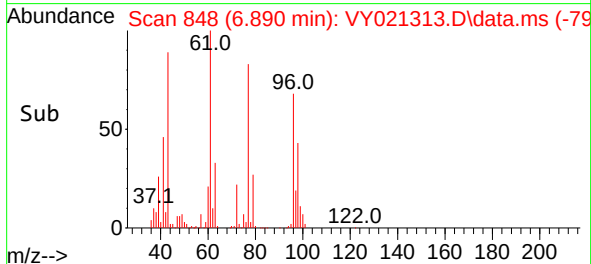
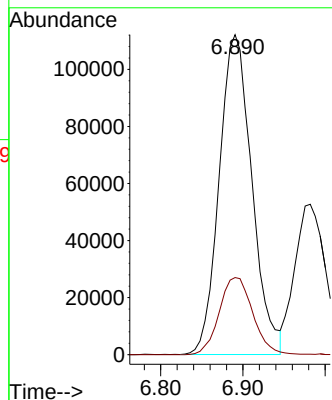
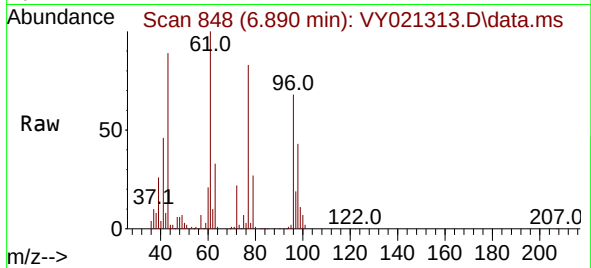




#25
2-Butanone
Concen: 259.714 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

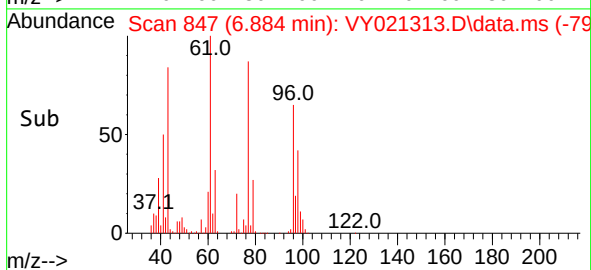
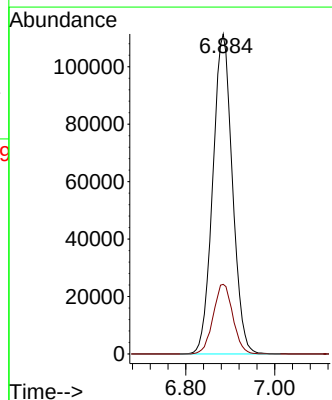
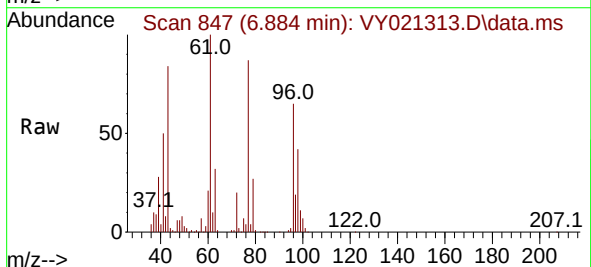
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

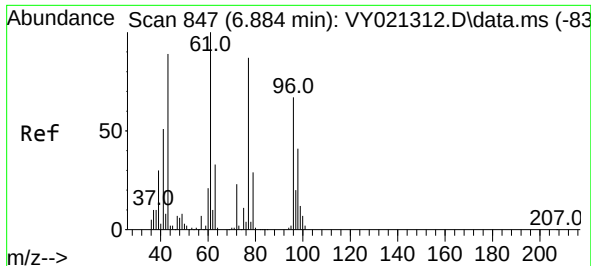
Tgt Ion: 43 Resp: 310092
Ion Ratio Lower Upper
43 100
72 24.1 19.0 28.6



#26
2,2-Dichloropropane
Concen: 49.619 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 77 Resp: 340570
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 51.054 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

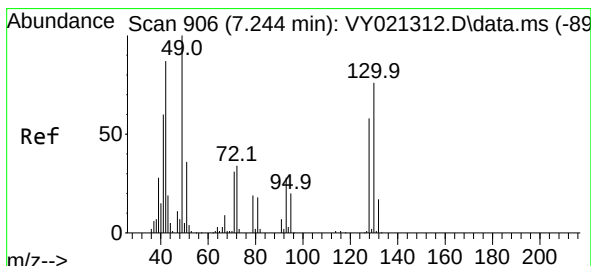
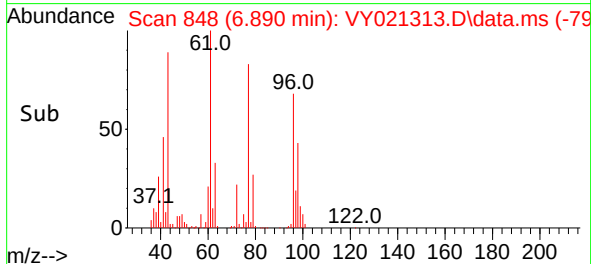
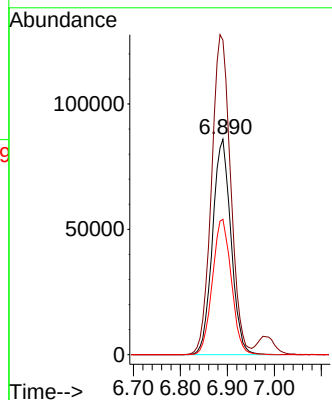
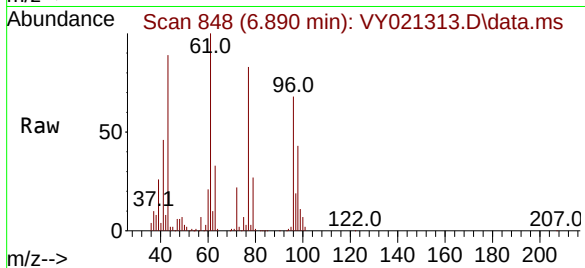
Tgt Ion: 96 Resp: 234768

Ion Ratio Lower Upper

96 100

61 153.5 0.0 308.0

98 64.4 0.0 129.6



#28

Bromochloromethane

Concen: 48.364 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

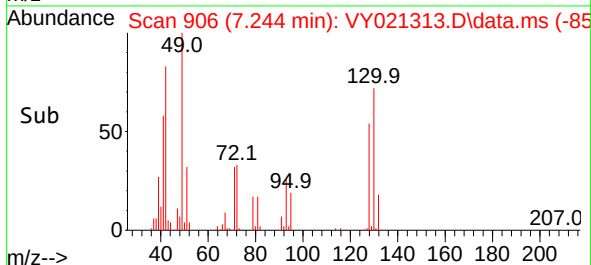
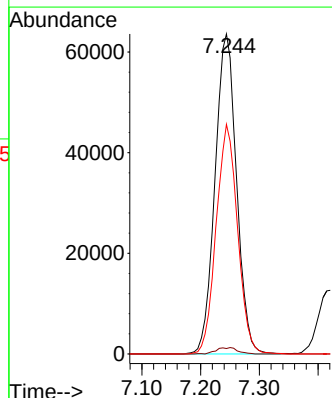
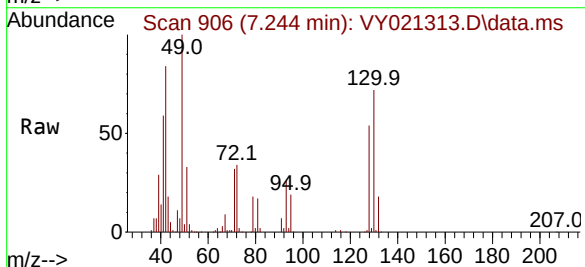
Tgt Ion: 49 Resp: 161874

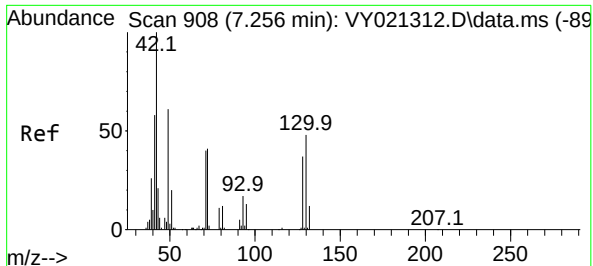
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 71.3 57.8 86.6





#29

Tetrahydrofuran

Concen: 264.373 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

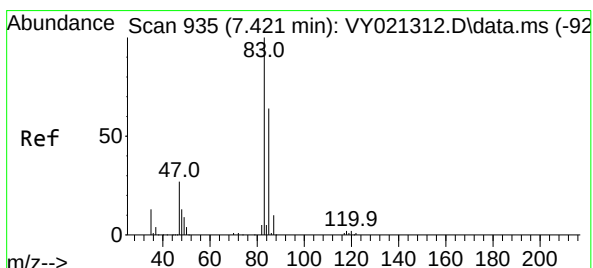
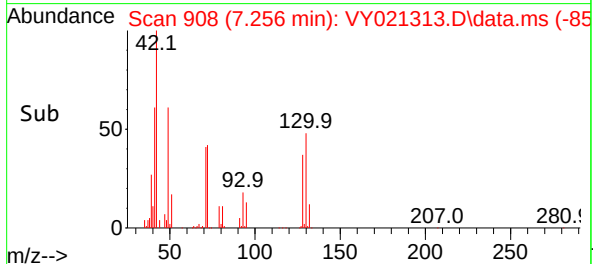
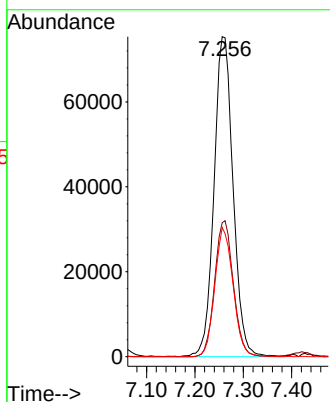
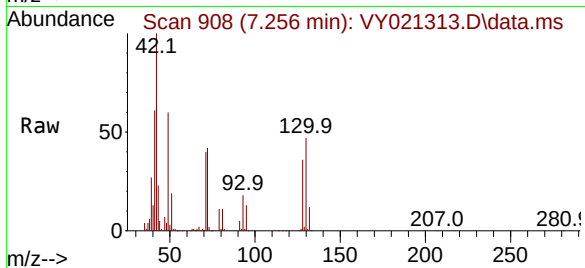
Tgt Ion: 42 Resp: 206327

Ion Ratio Lower Upper

42 100

72 41.6 33.1 49.7

71 38.8 31.4 47.0



#30

Chloroform

Concen: 49.990 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021313.D

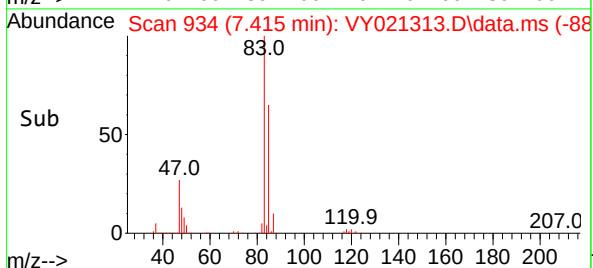
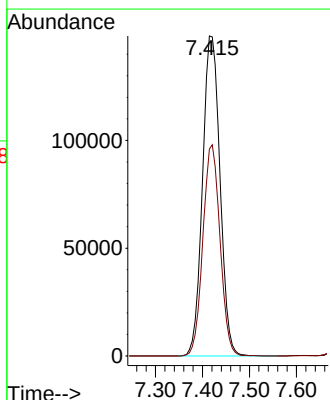
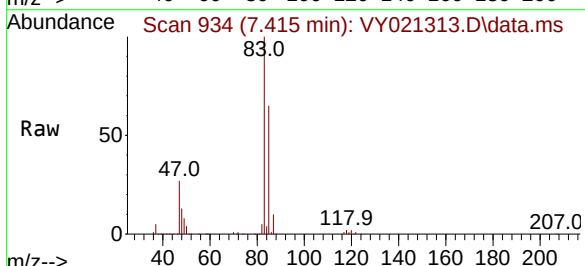
Acq: 25 Feb 2025 15:34

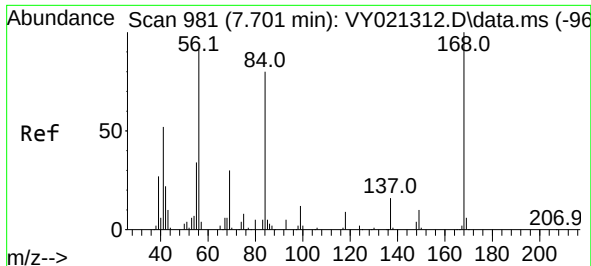
Tgt Ion: 83 Resp: 383158

Ion Ratio Lower Upper

83 100

85 64.7 51.6 77.4

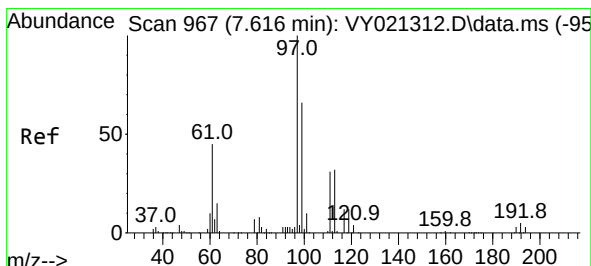
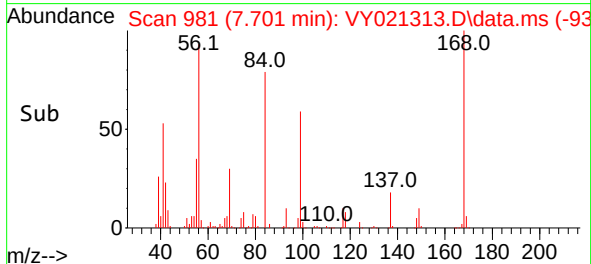
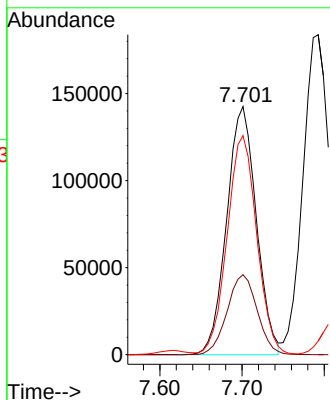
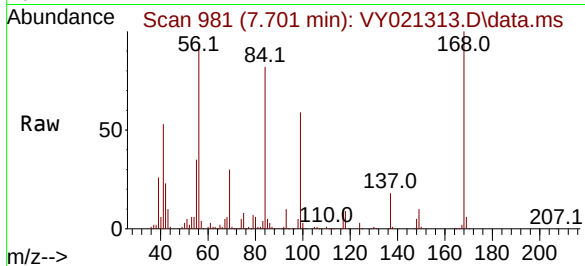




#31
Cyclohexane
Concen: 49.123 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

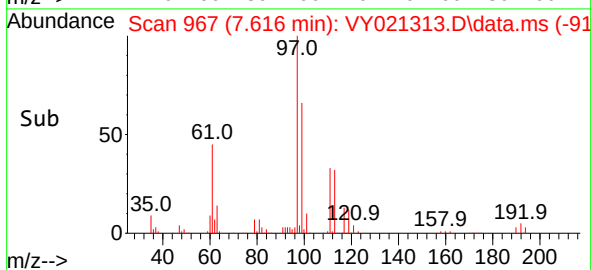
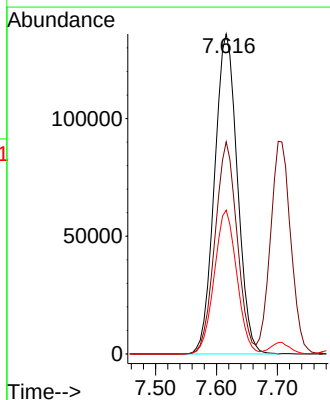
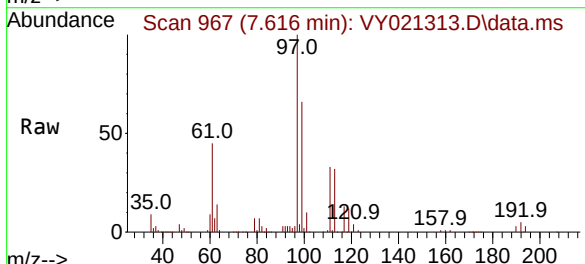
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

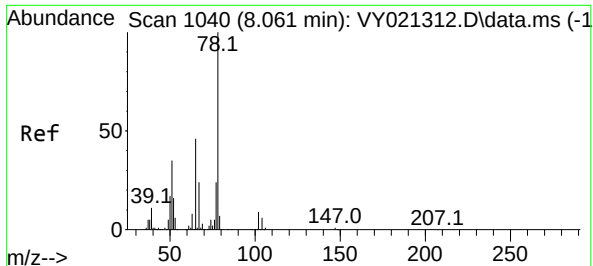
Tgt Ion: 56 Resp: 357179
Ion Ratio Lower Upper
56 100
69 32.2 26.2 39.4
84 86.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 50.785 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 97 Resp: 354305
Ion Ratio Lower Upper
97 100
99 64.5 52.4 78.6
61 44.4 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 47.495 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

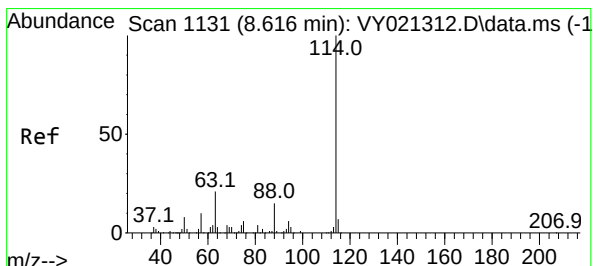
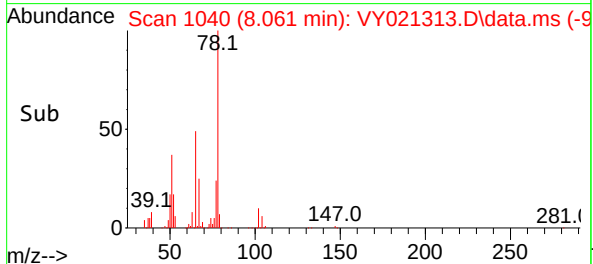
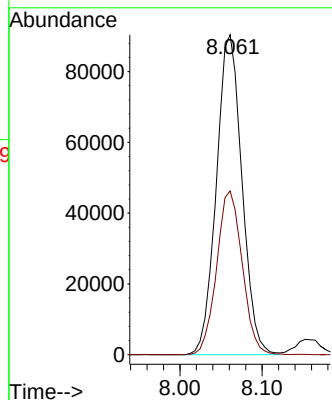
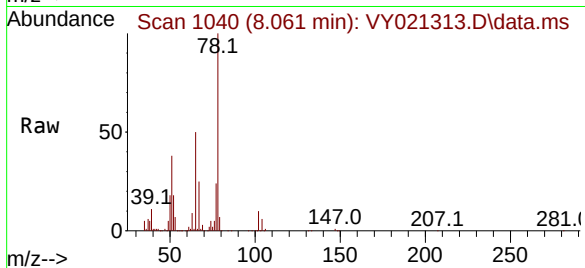
VSTDIC100

Tgt Ion: 65 Resp: 195878

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

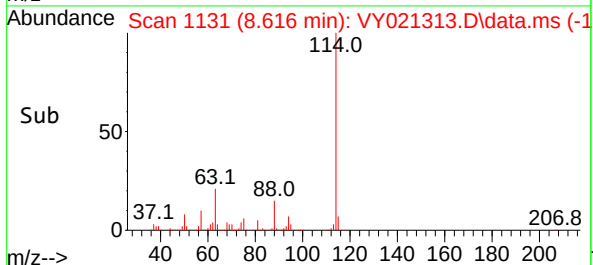
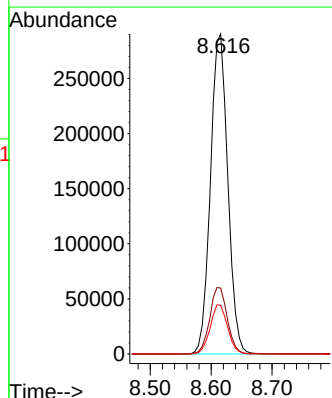
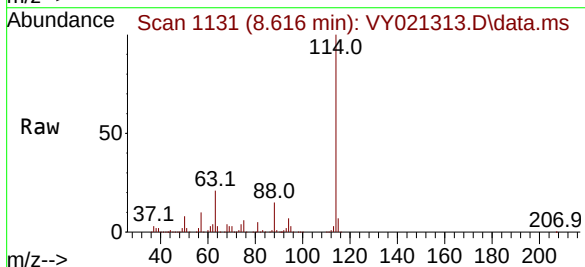
Tgt Ion: 114 Resp: 574112

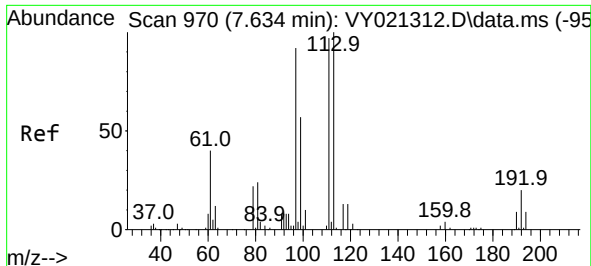
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 15.2 0.0 29.8

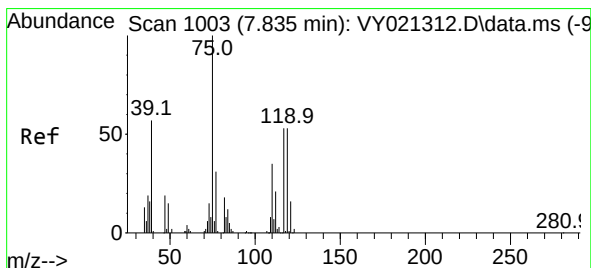
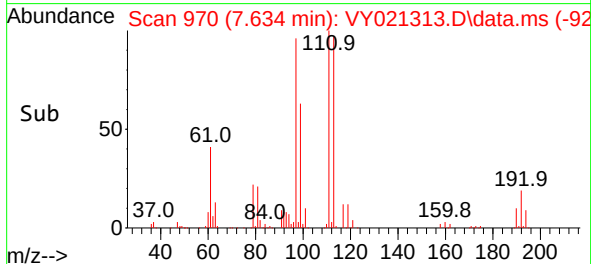
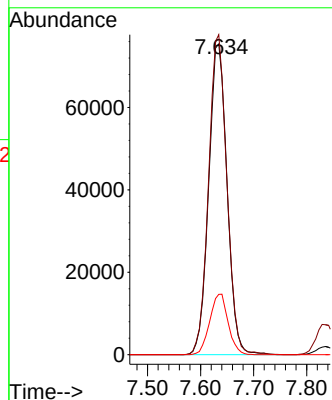
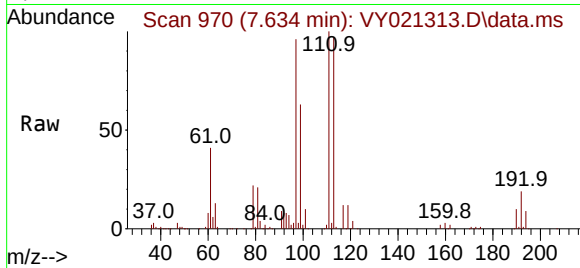




#35
Dibromofluoromethane
Concen: 48.267 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

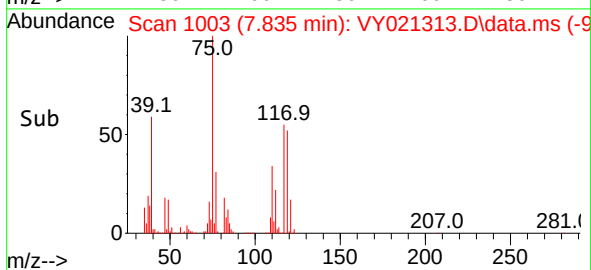
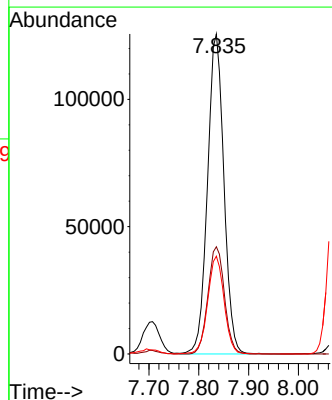
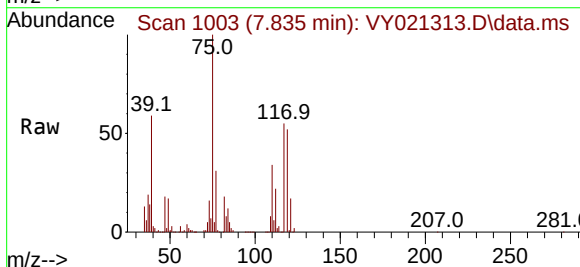
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

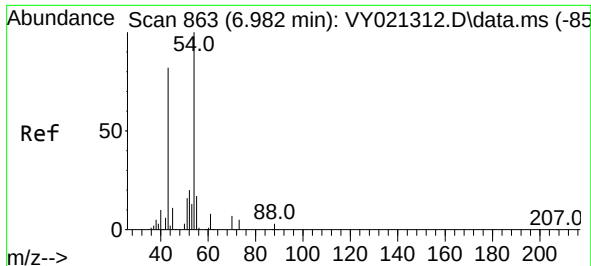
Tgt Ion:113 Resp: 181675
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.6
192 19.5 15.8 23.8



#36
1,1-Dichloropropene
Concen: 50.714 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 75 Resp: 286731
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 30.5 24.6 36.8

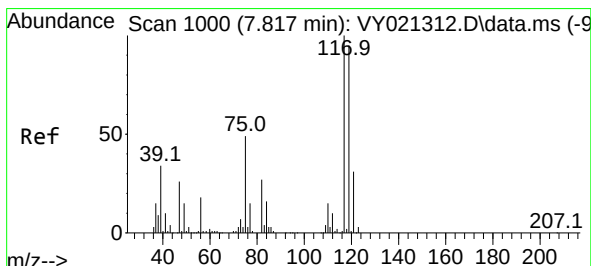
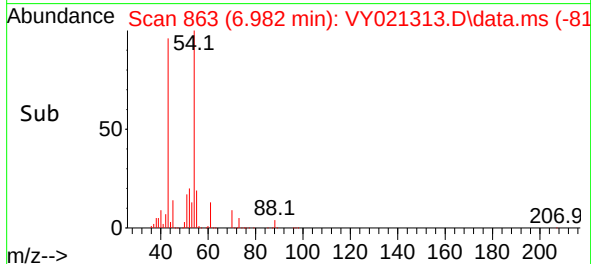
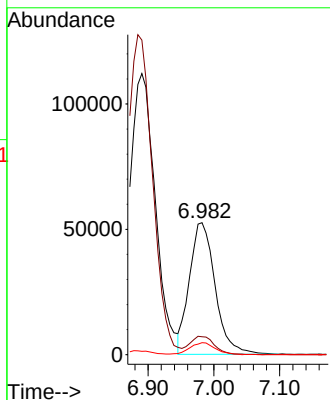
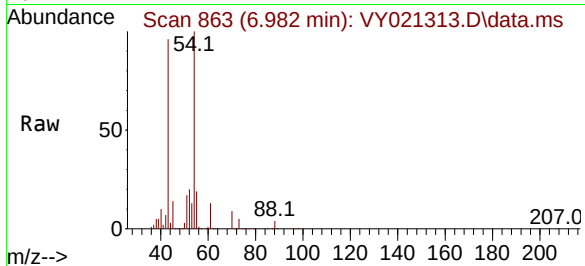




#37
Ethyl Acetate
Concen: 50.748 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

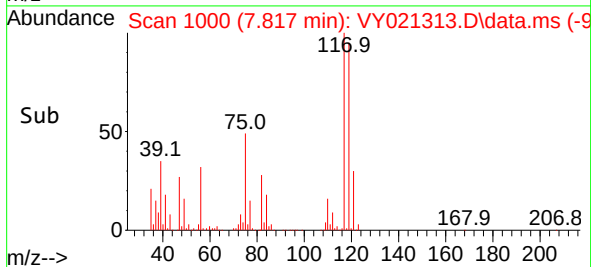
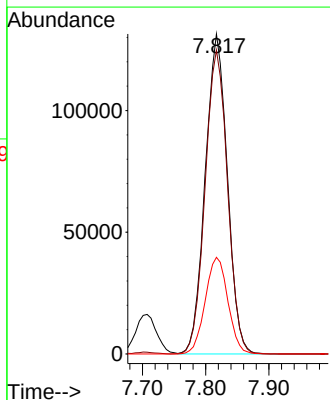
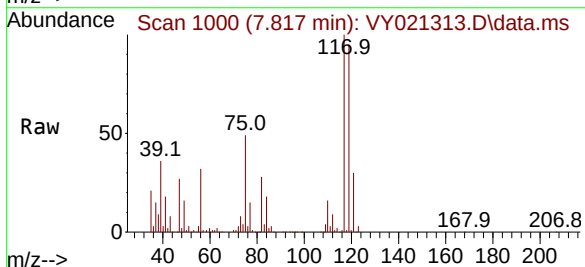
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

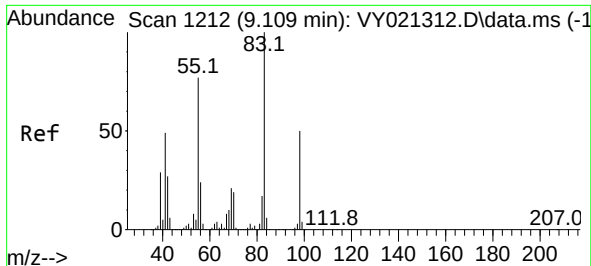
Tgt Ion: 43 Resp: 142723
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 50.297 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 117 Resp: 319693
Ion Ratio Lower Upper
117 100
119 94.9 76.0 114.0
121 30.2 24.9 37.3





#39

Methylcyclohexane

Concen: 52.510 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

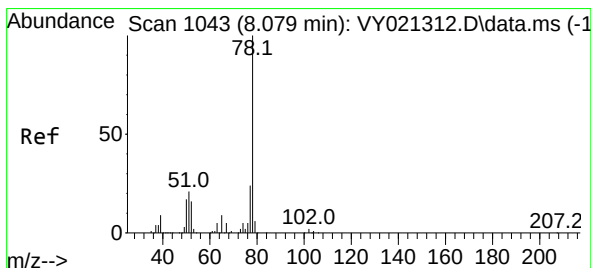
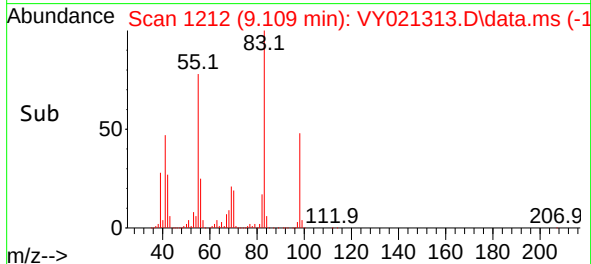
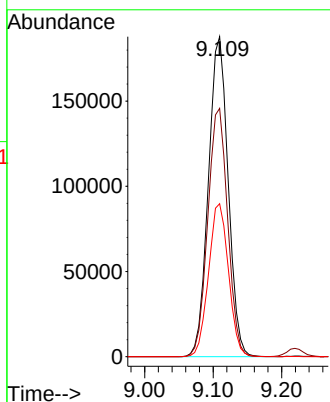
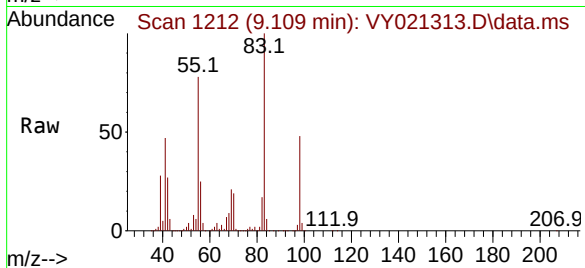
Tgt Ion: 83 Resp: 375501

Ion Ratio Lower Upper

83 100

55 77.6 61.3 91.9

98 47.8 39.9 59.9



#40

Benzene

Concen: 49.876 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021313.D

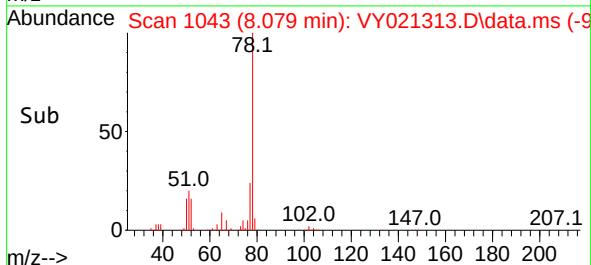
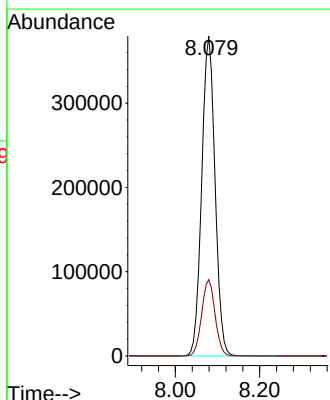
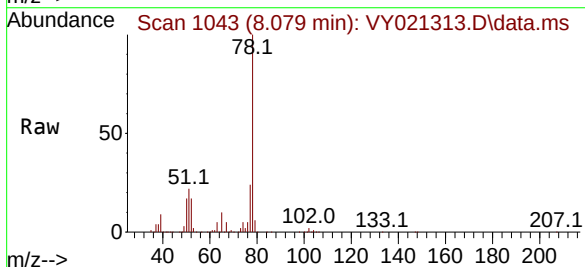
Acq: 25 Feb 2025 15:34

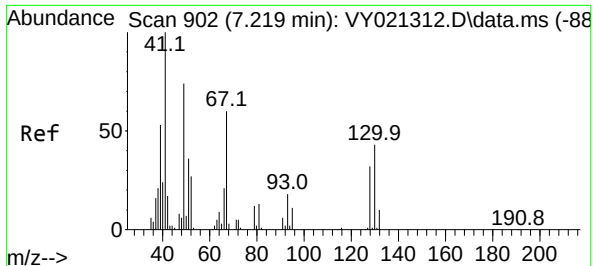
Tgt Ion: 78 Resp: 833581

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

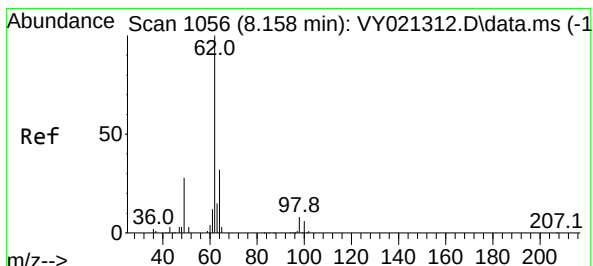
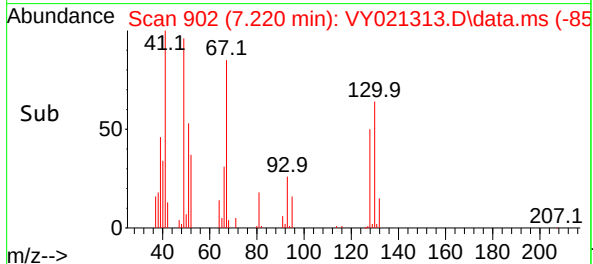
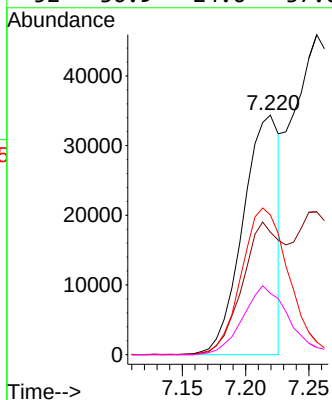
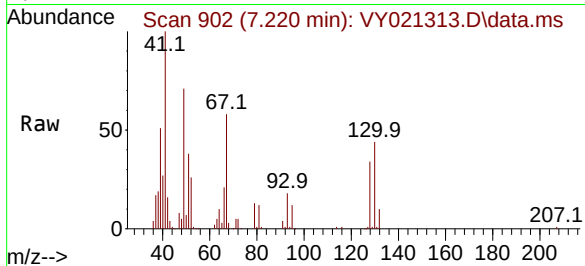




#41
Methacrylonitrile
Concen: 43.690 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

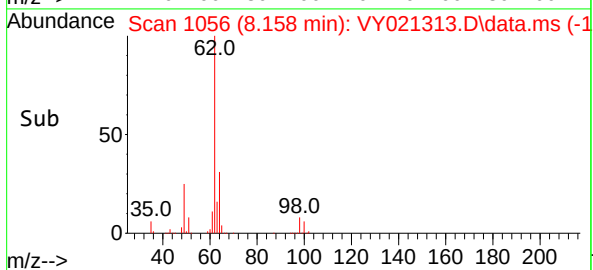
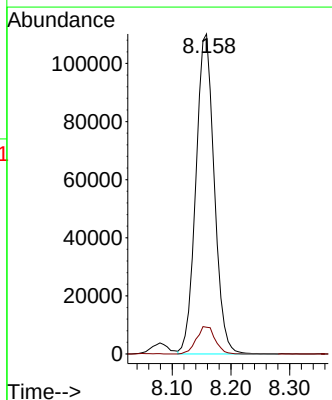
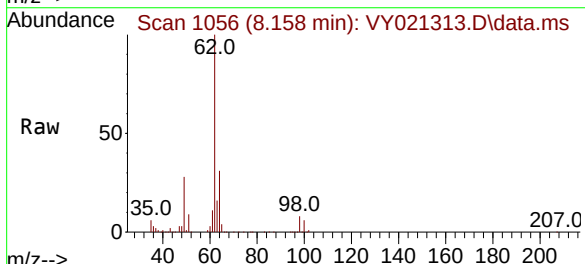
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

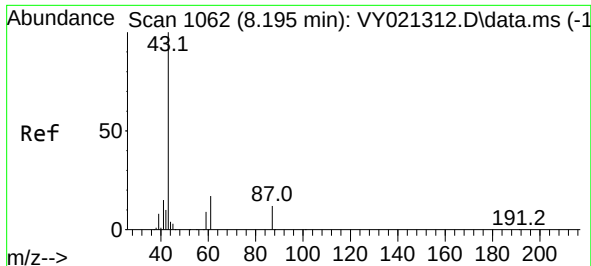
Tgt Ion:	41	Resp:	68699
Ion	Ratio	Lower	Upper
41	100		
39	62.9	42.3	63.5
67	80.6	54.8	82.2
52	36.9	24.6	37.0



#42
1,2-Dichloroethane
Concen: 50.422 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion:	62	Resp:	239091
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

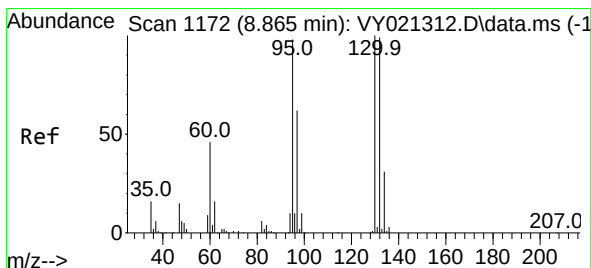
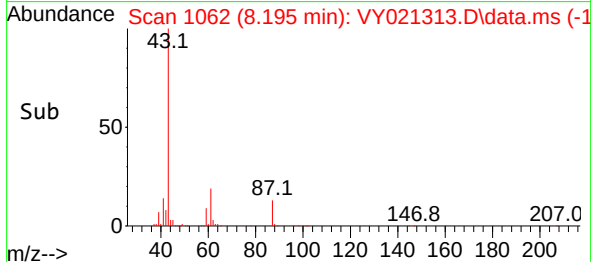
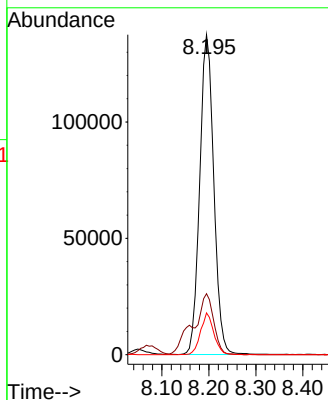
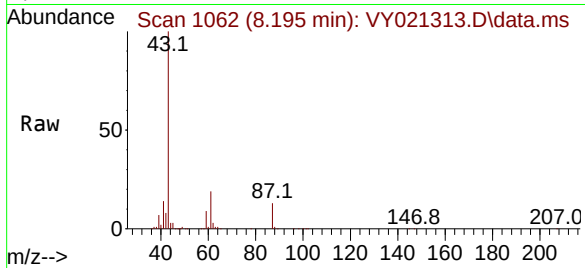




#43
Isopropyl Acetate
Concen: 52.743 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

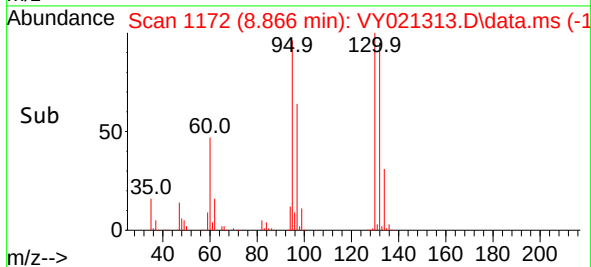
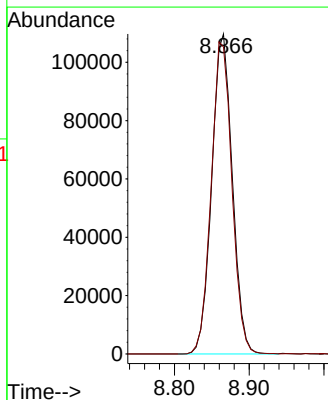
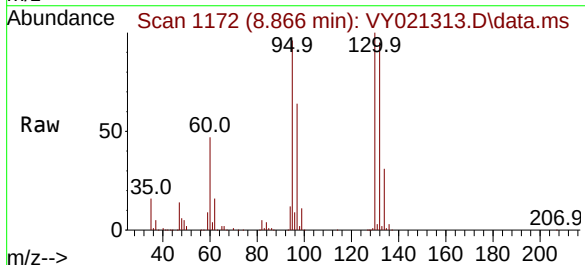
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

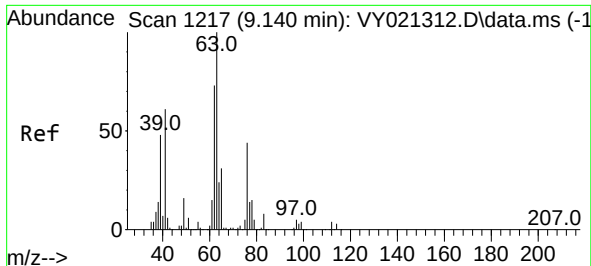
Tgt Ion: 43 Resp: 287112
Ion Ratio Lower Upper
43 100
61 18.7 15.0 22.6
87 12.3 10.0 15.0



#44
Trichloroethene
Concen: 50.146 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 130 Resp: 209830
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.900 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

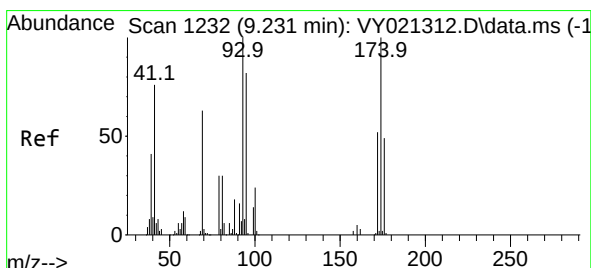
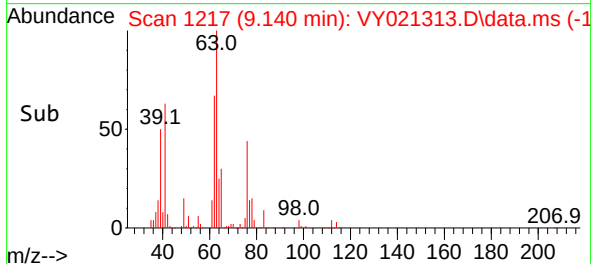
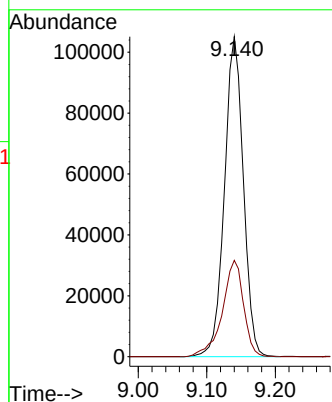
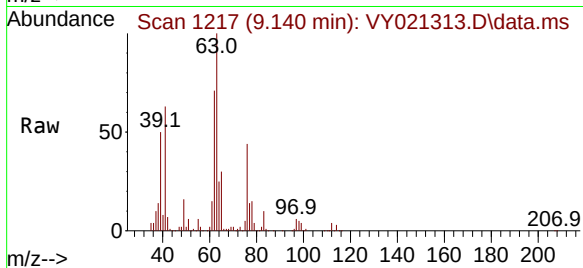
VSTDIC100

Tgt Ion: 63 Resp: 200704

Ion Ratio Lower Upper

63 100

65 30.1 24.6 36.8



#46

Dibromomethane

Concen: 50.588 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

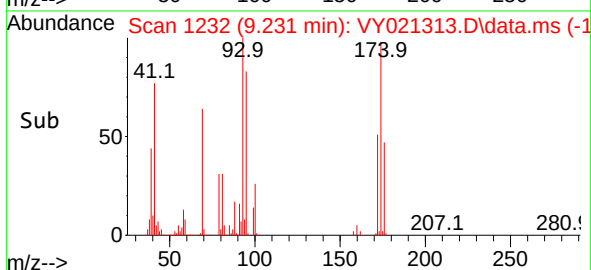
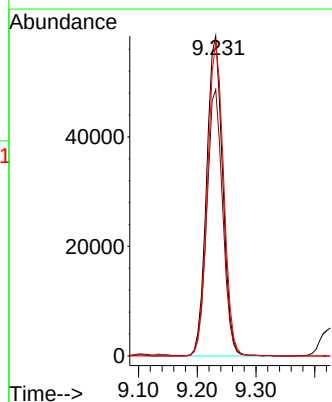
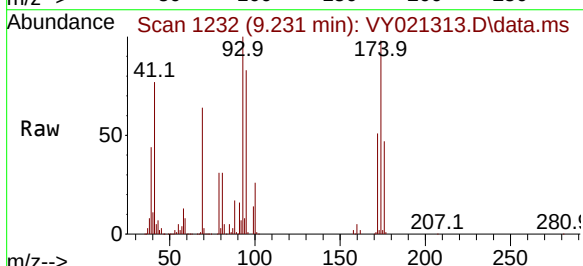
Tgt Ion: 93 Resp: 111220

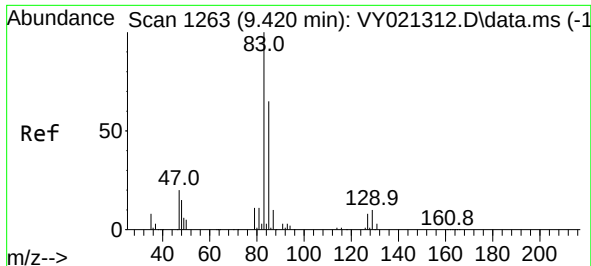
Ion Ratio Lower Upper

93 100

95 82.4 66.4 99.6

174 98.0 78.2 117.2

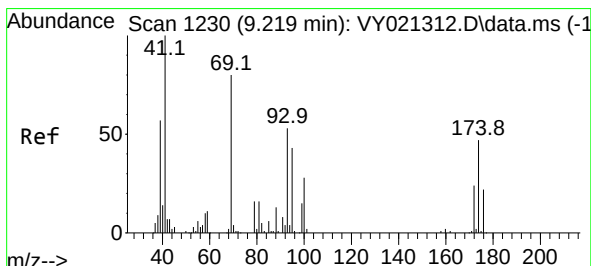
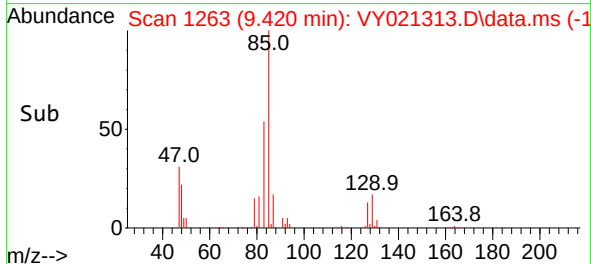
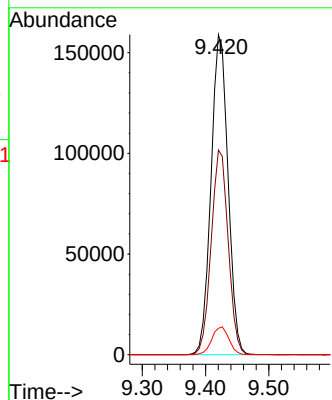
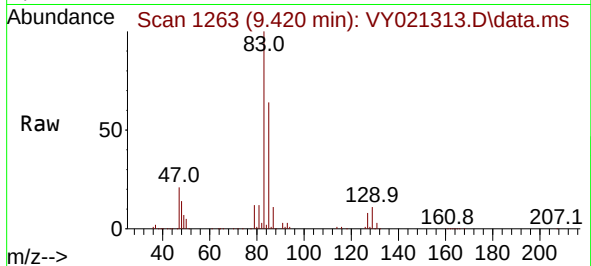




#47
Bromodichloromethane
Concen: 50.613 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

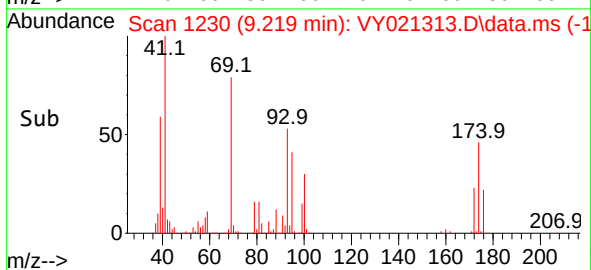
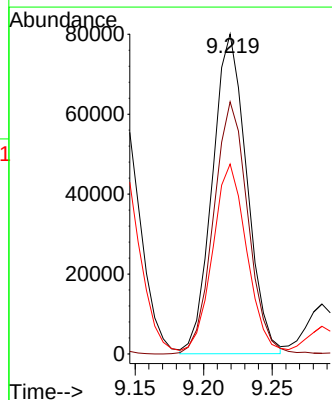
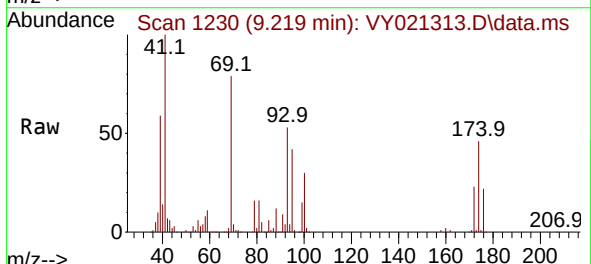
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

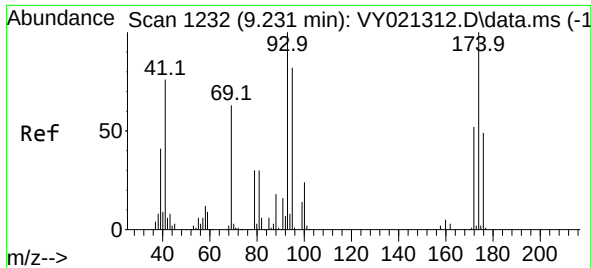
Tgt Ion: 83 Resp: 296701
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.8
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 54.874 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 41 Resp: 139687
Ion Ratio Lower Upper
41 100
69 79.1 63.3 94.9
39 57.0 45.0 67.6





#49

1,4-Dioxane

Concen: 1019.842 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

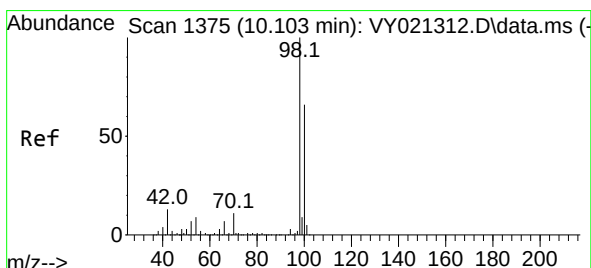
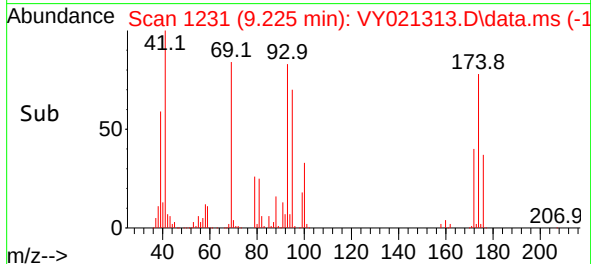
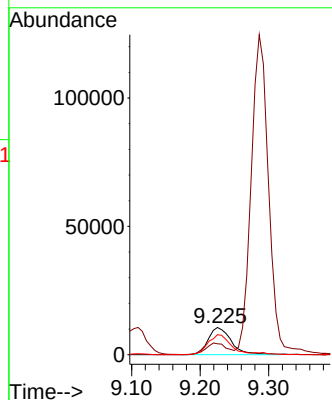
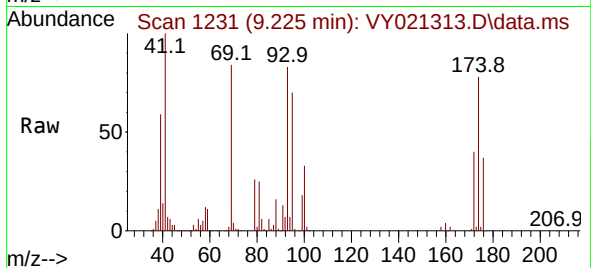
Tgt Ion: 88 Resp: 24931

Ion Ratio Lower Upper

88 100

43 38.2 34.8 52.2

58 71.2 59.8 89.6



#50

Toluene-d8

Concen: 48.322 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021313.D

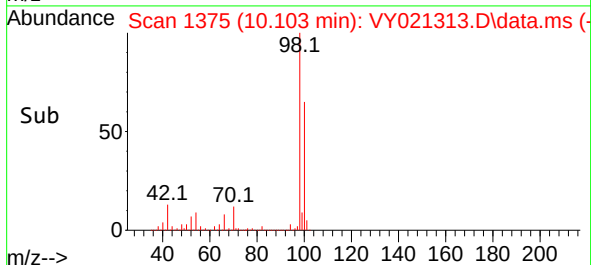
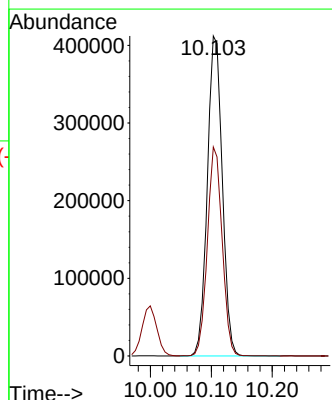
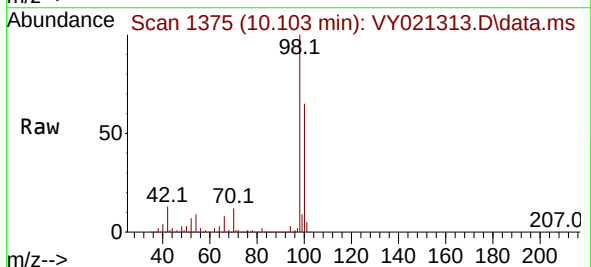
Acq: 25 Feb 2025 15:34

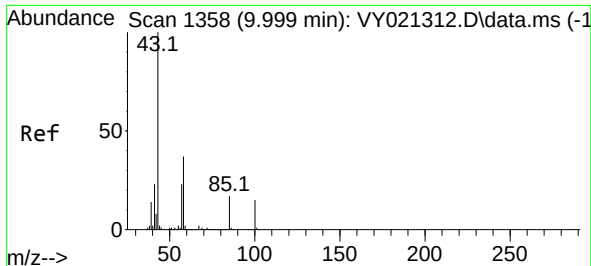
Tgt Ion: 98 Resp: 702921

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 268.508 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

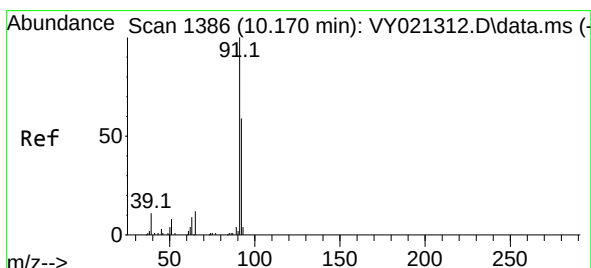
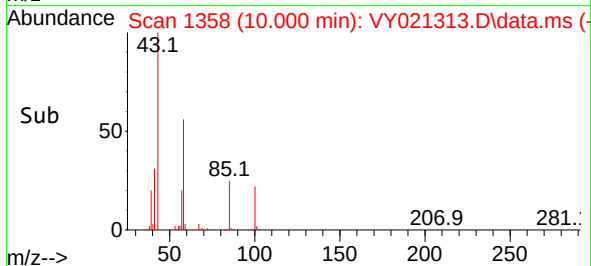
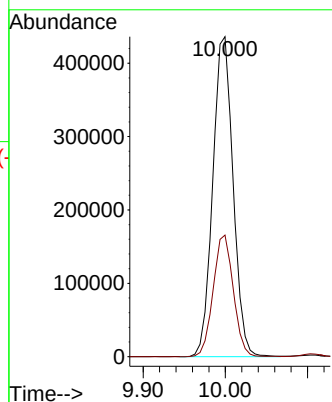
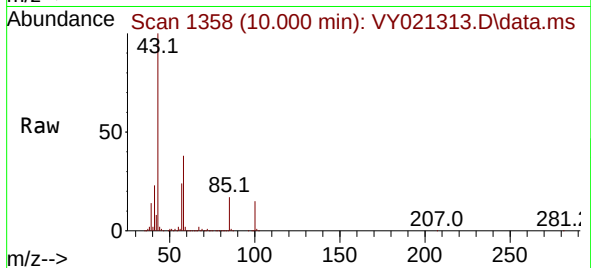
VSTDIC100

Tgt Ion: 43 Resp: 748208

Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1



#52

Toluene

Concen: 50.828 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021313.D

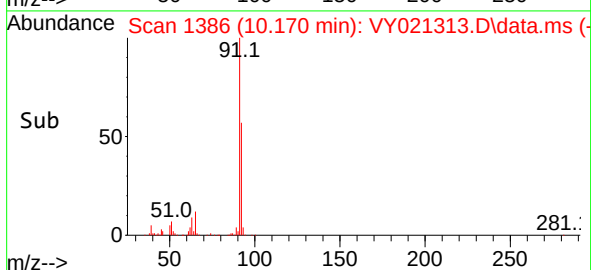
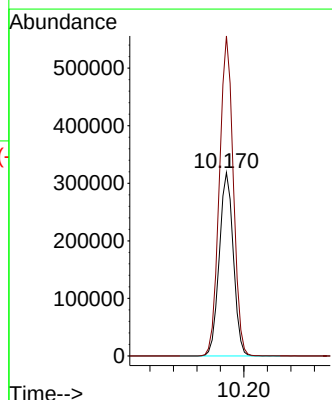
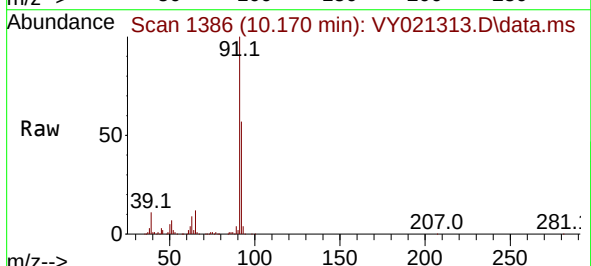
Acq: 25 Feb 2025 15:34

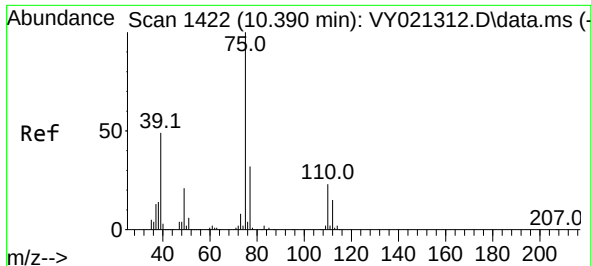
Tgt Ion: 92 Resp: 527728

Ion Ratio Lower Upper

92 100

91 173.2 137.8 206.8

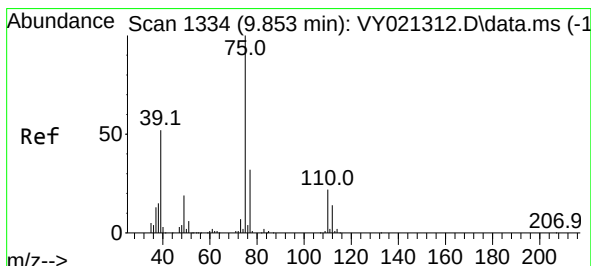
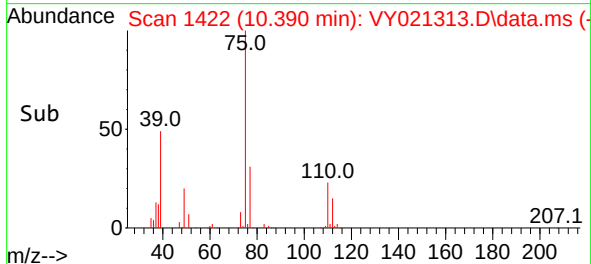
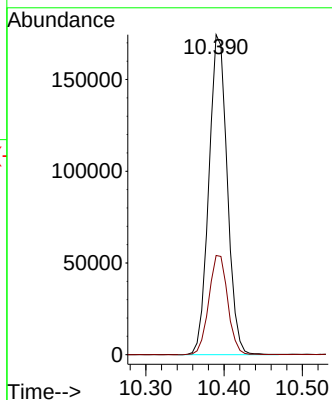
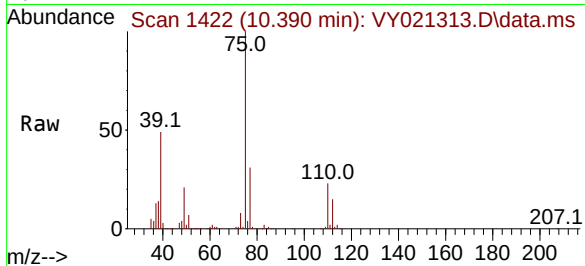




#53
 t-1,3-Dichloropropene
 Concen: 52.877 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY021313.D
 Acq: 25 Feb 2025 15:34

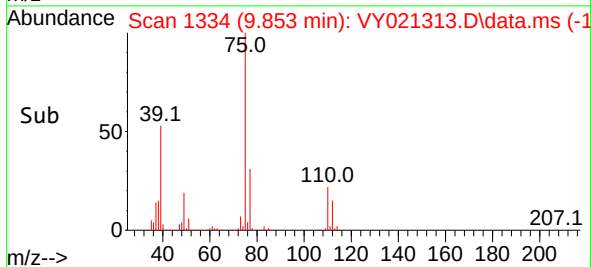
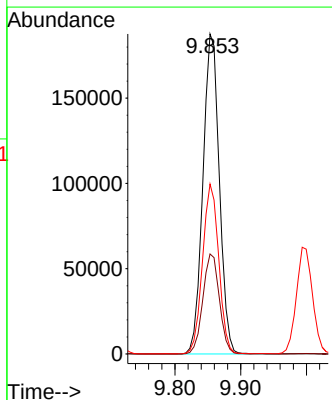
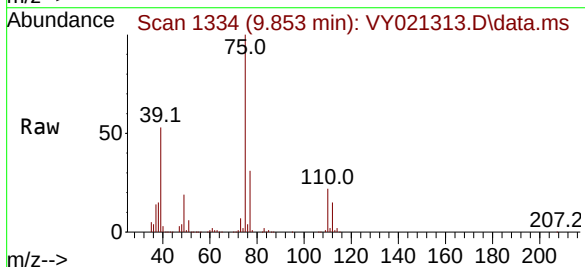
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

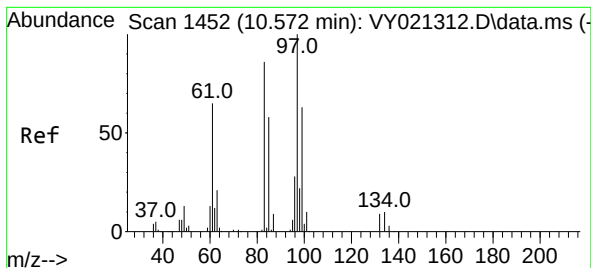
Tgt Ion: 75 Resp: 283994
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.371 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021313.D
 Acq: 25 Feb 2025 15:34

Tgt Ion: 75 Resp: 325718
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 53.0 41.8 62.6



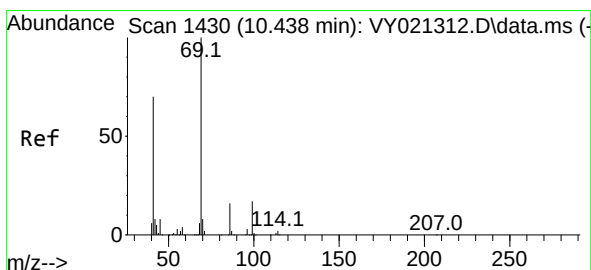
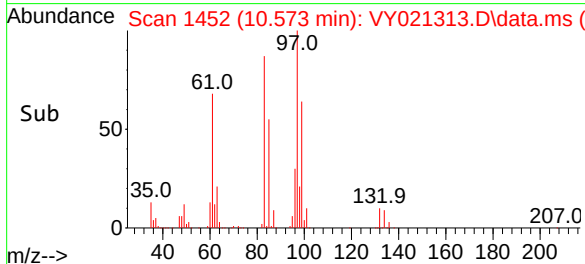
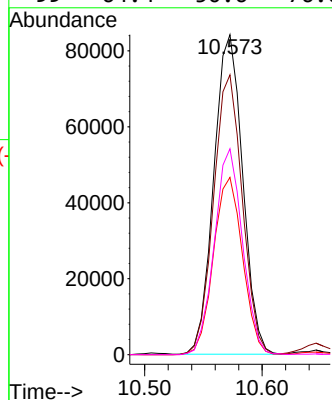
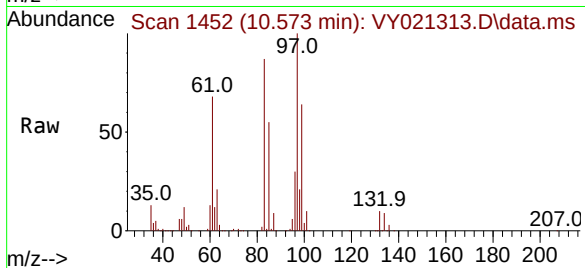


#55
1,1,2-Trichloroethane
Concen: 50.104 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 143501

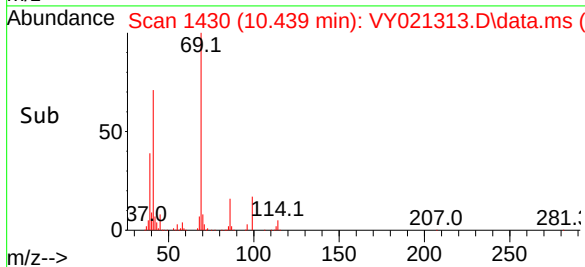
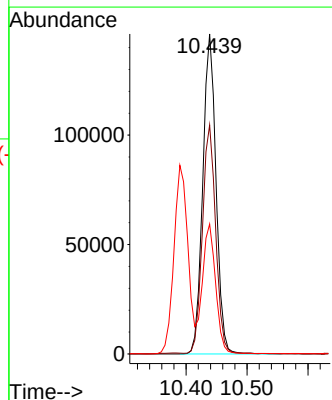
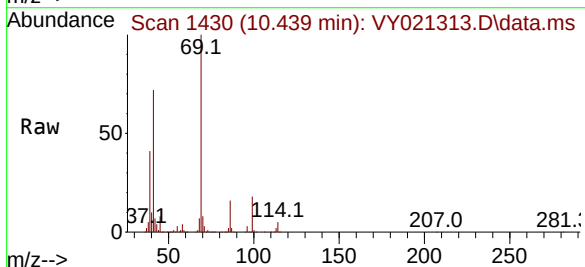
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.7	103.1
85	55.4	46.3	69.5
99	64.4	50.6	76.0

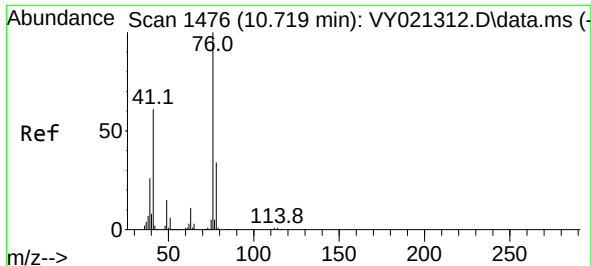


#56
Ethyl methacrylate
Concen: 56.016 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 69 Resp: 221684

Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.2	84.4
39	40.5	32.7	49.1





#57

1,3-Dichloropropane

Concen: 51.419 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

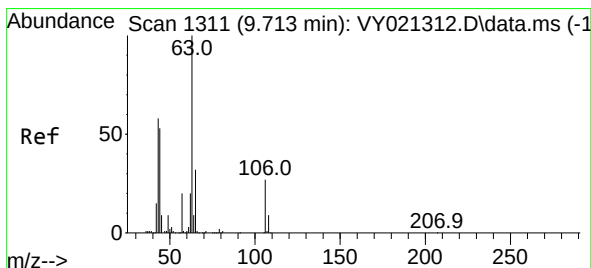
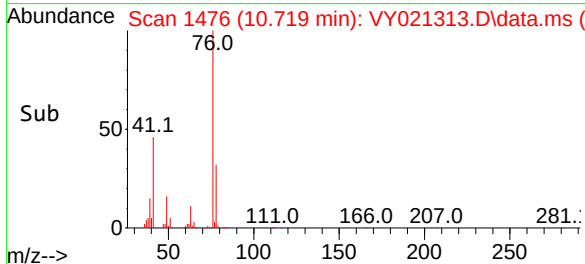
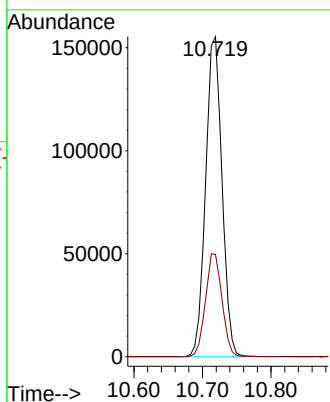
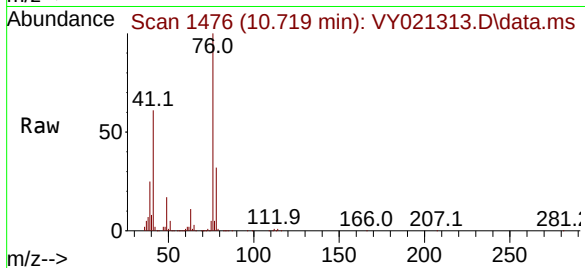
VSTDIC100

Tgt Ion: 76 Resp: 258424

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 258.986 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021313.D

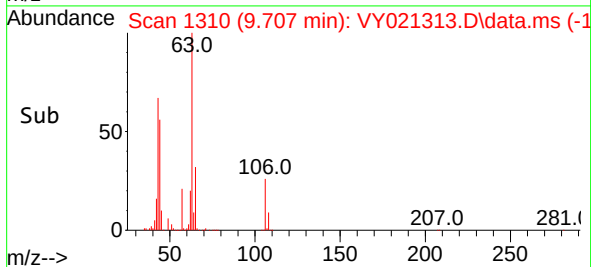
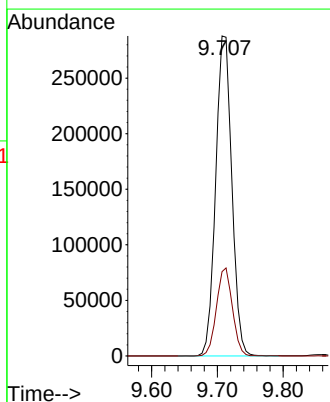
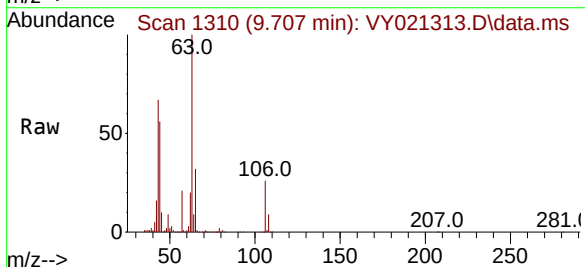
Acq: 25 Feb 2025 15:34

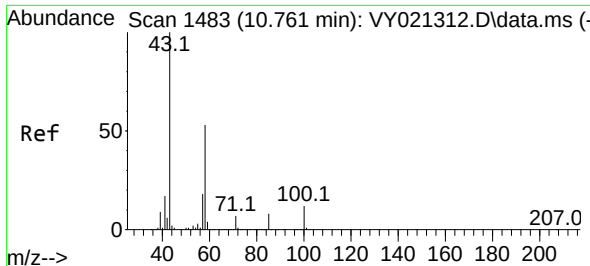
Tgt Ion: 63 Resp: 491951

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5

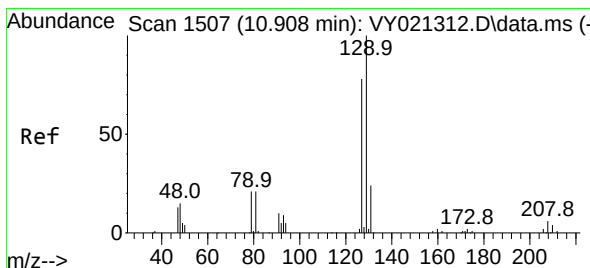
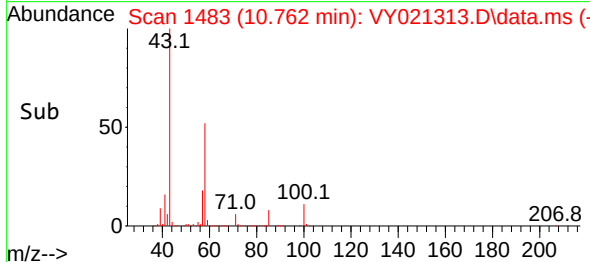
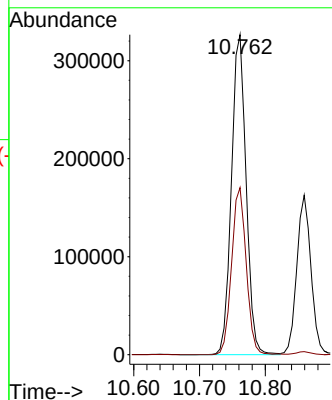
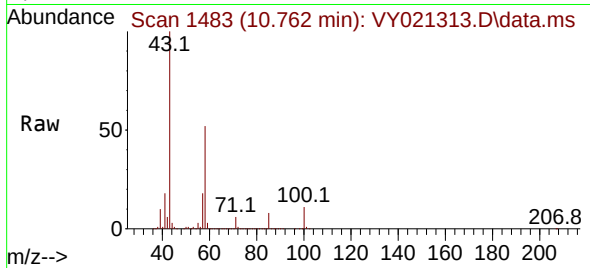




#59
2-Hexanone
Concen: 277.128 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

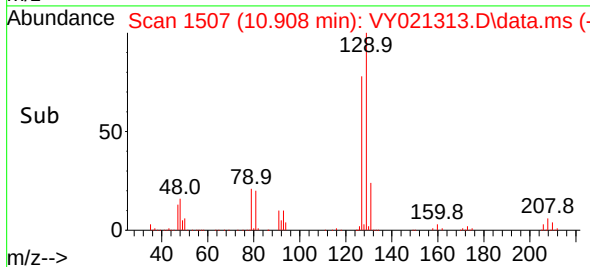
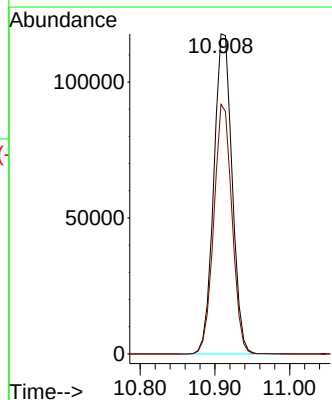
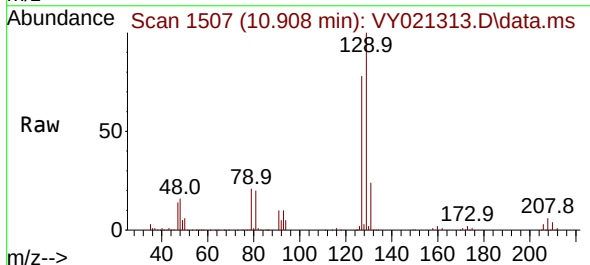
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

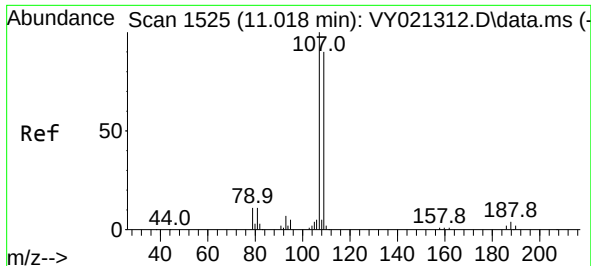
Tgt Ion: 43 Resp: 507160
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.6



#60
Dibromochloromethane
Concen: 51.471 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion:129 Resp: 200773
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

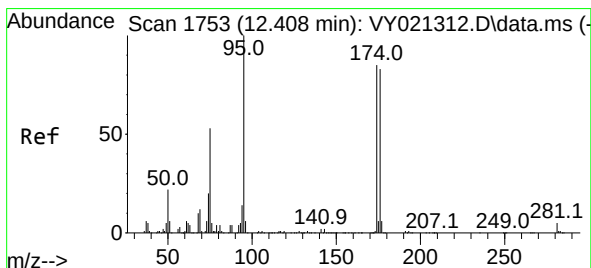
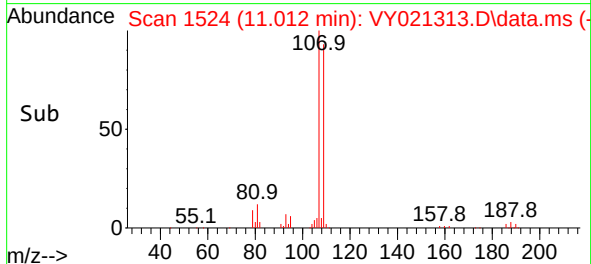
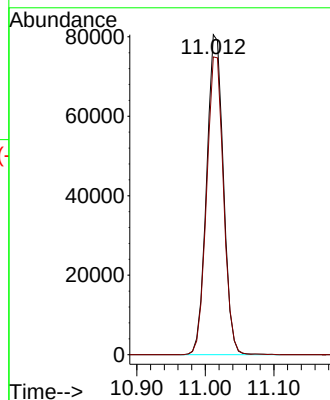
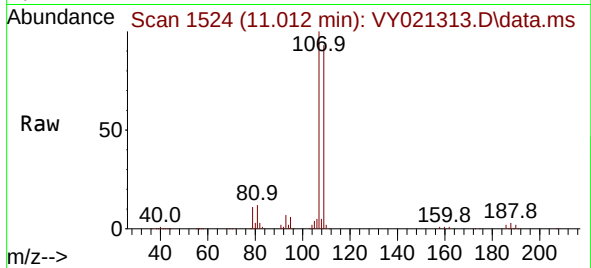




#61
1,2-Dibromoethane
Concen: 50.630 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

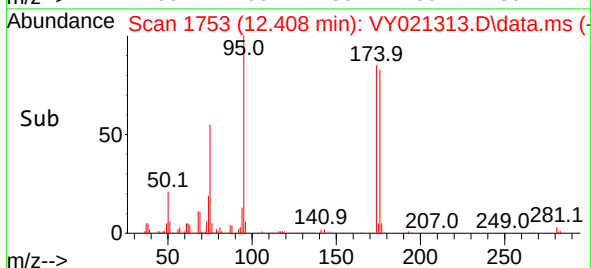
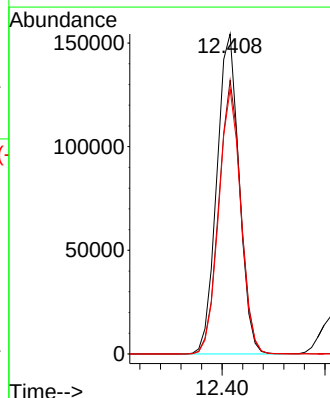
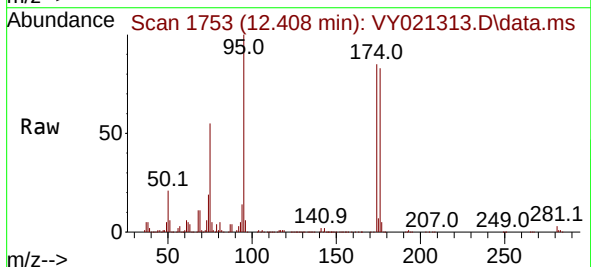
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

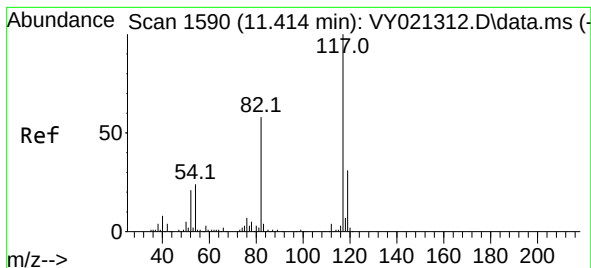
Tgt Ion:107 Resp: 137284
Ion Ratio Lower Upper
107 100
109 93.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 47.422 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 95 Resp: 232158
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.0
176 81.6 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

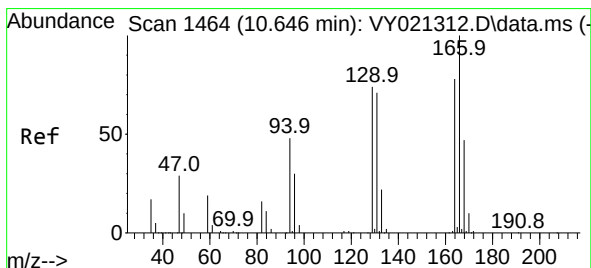
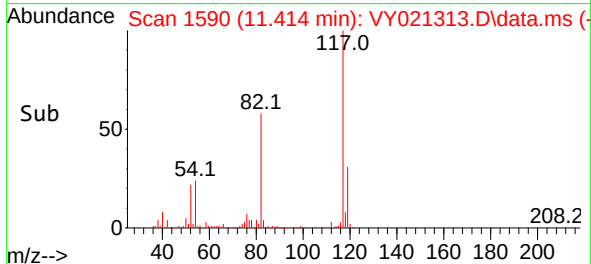
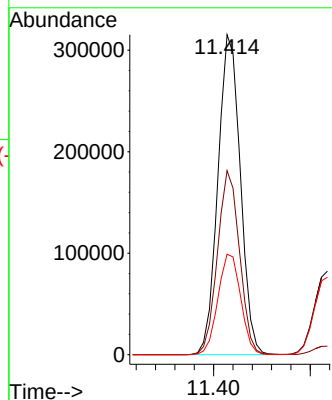
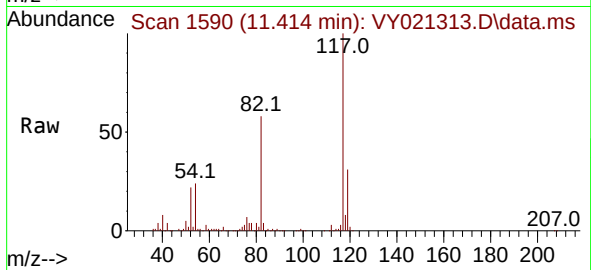
Tgt Ion:117 Resp: 506908

Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.4

119 31.4 24.9 37.3



#64

Tetrachloroethene

Concen: 49.827 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Tgt Ion:164 Resp: 190910

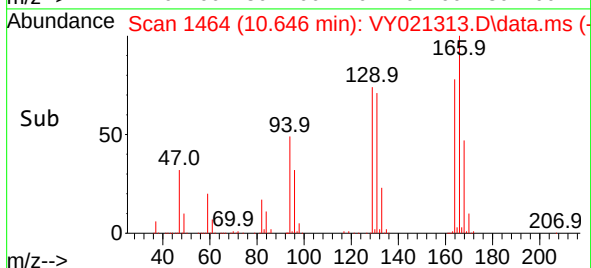
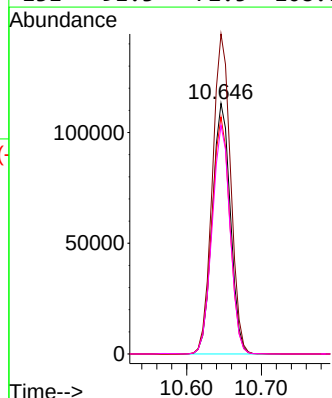
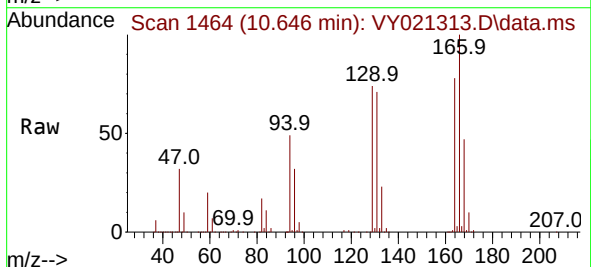
Ion Ratio Lower Upper

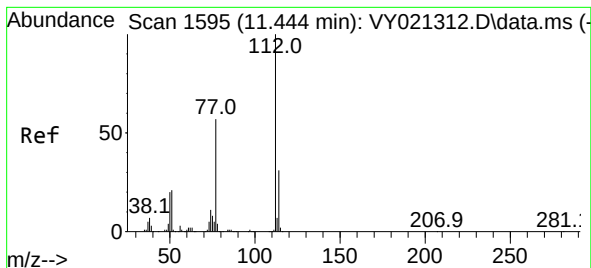
164 100

166 127.7 101.9 152.9

129 94.6 75.5 113.3

131 91.3 72.5 108.7

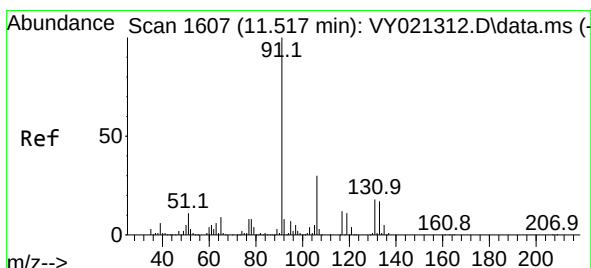
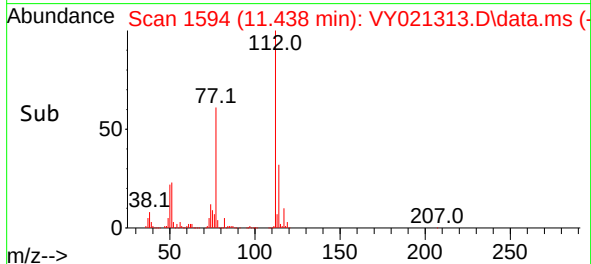
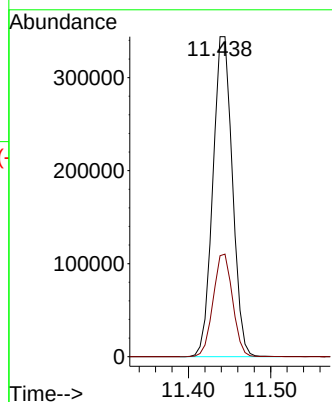
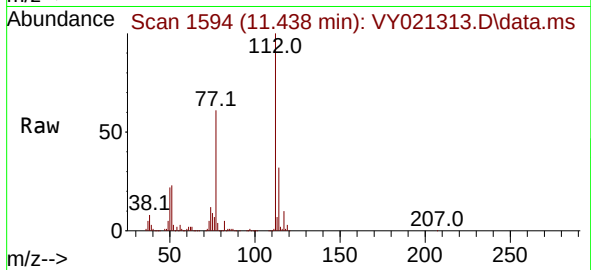




#65
Chlorobenzene
Concen: 49.950 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

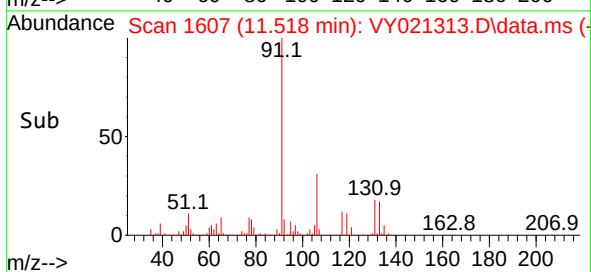
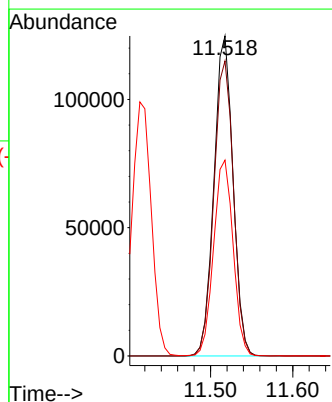
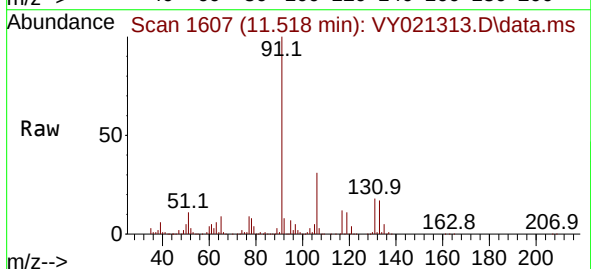
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

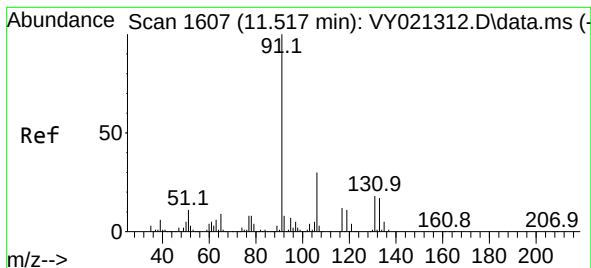
Tgt Ion:112 Resp: 568363
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.442 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion:131 Resp: 200975
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 62.7 31.7 95.1





#67

Ethyl Benzene

Concen: 51.701 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

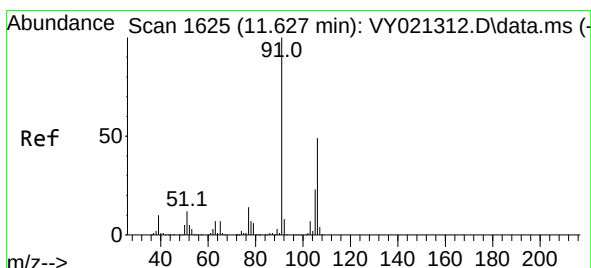
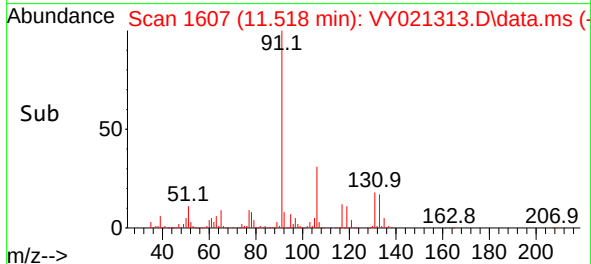
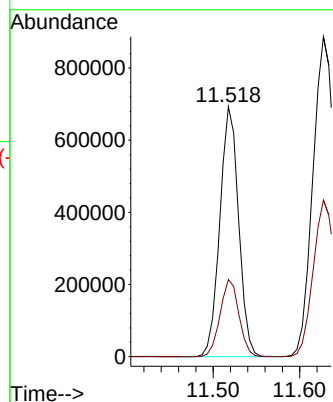
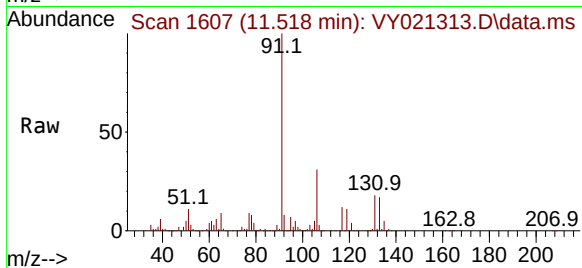
VSTDIC100

Tgt Ion: 91 Resp: 1042034

Ion Ratio Lower Upper

91 100

106 30.8 24.4 36.6



#68

m/p-Xylenes

Concen: 101.858 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021313.D

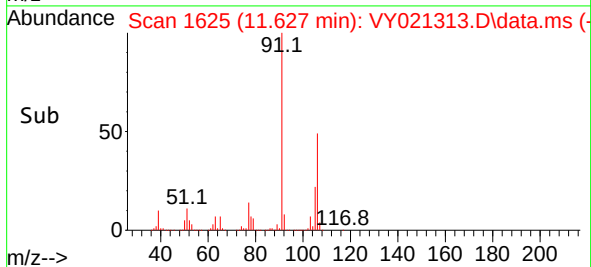
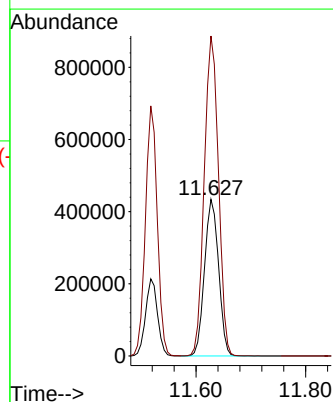
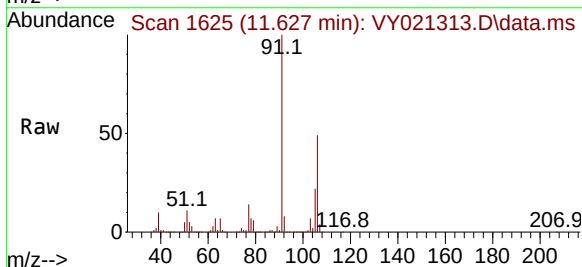
Acq: 25 Feb 2025 15:34

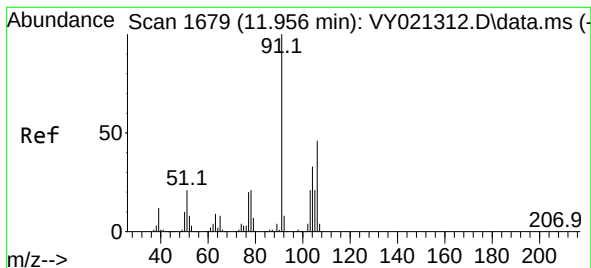
Tgt Ion:106 Resp: 772192

Ion Ratio Lower Upper

106 100

91 206.2 163.9 245.9





#69

o-Xylene

Concen: 51.555 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

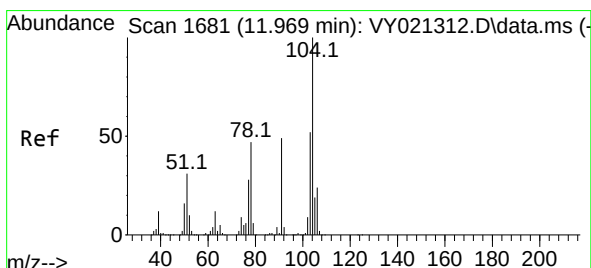
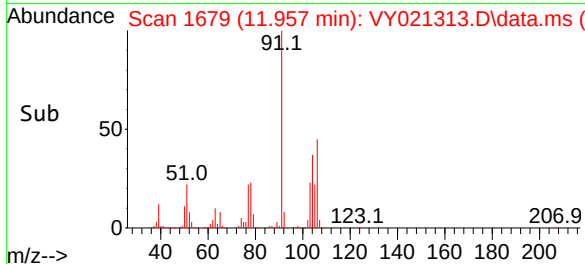
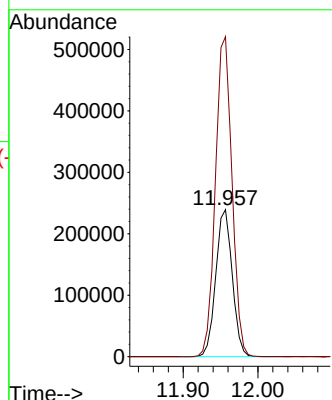
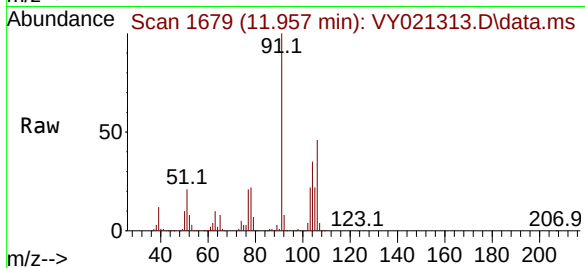
VSTDIC100

Tgt Ion:106 Resp: 366144

Ion Ratio Lower Upper

106 100

91 218.8 108.1 324.2



#70

Styrene

Concen: 52.337 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

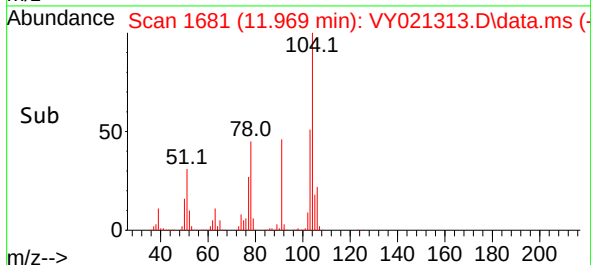
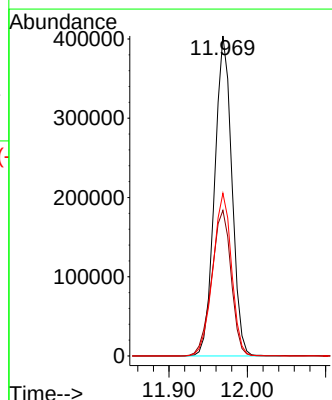
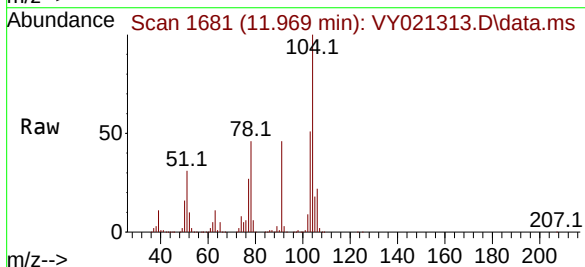
Tgt Ion:104 Resp: 618430

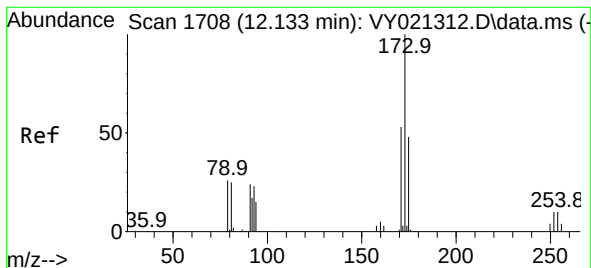
Ion Ratio Lower Upper

104 100

78 51.3 41.3 61.9

103 55.0 43.9 65.9





#71

Bromoform

Concen: 51.645 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

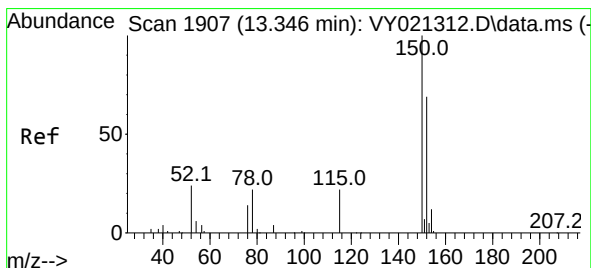
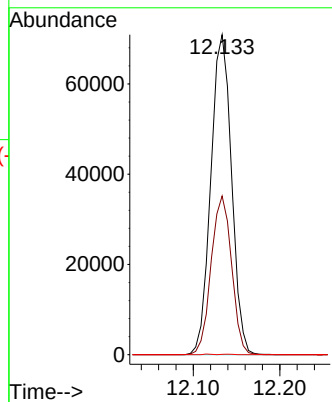
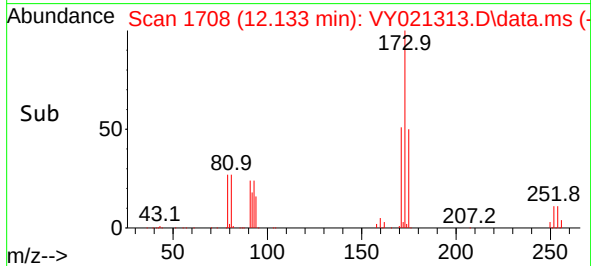
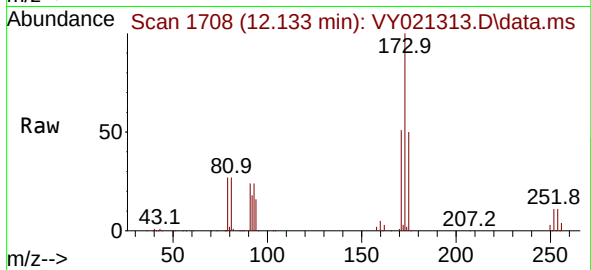
Tgt Ion:173 Resp: 117716

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

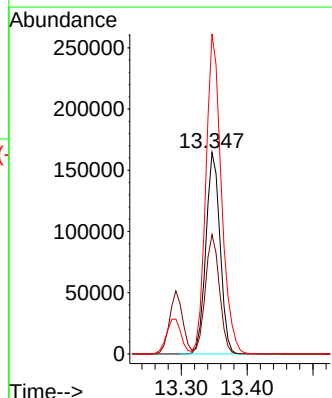
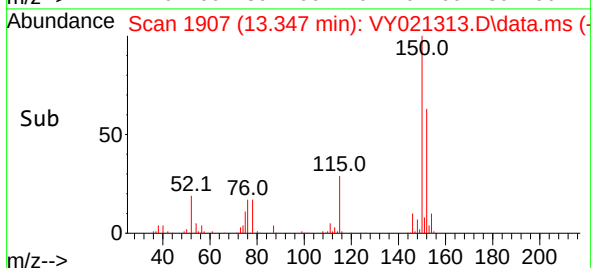
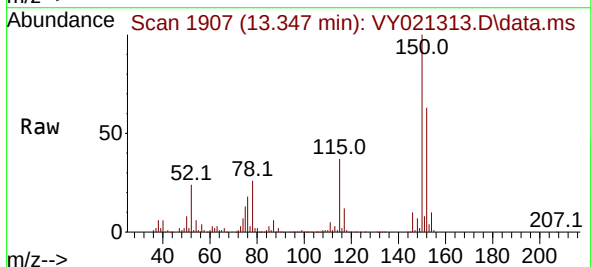
Tgt Ion:152 Resp: 245738

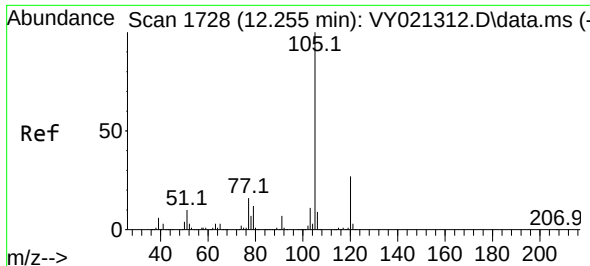
Ion Ratio Lower Upper

152 100

115 59.3 29.3 88.0

150 174.0 0.0 347.4

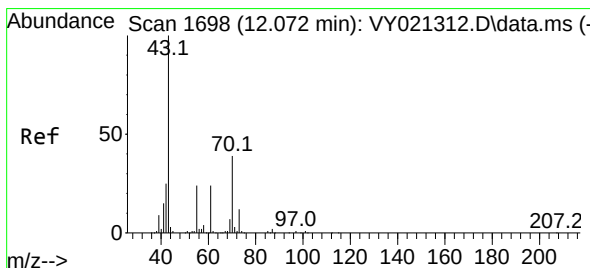
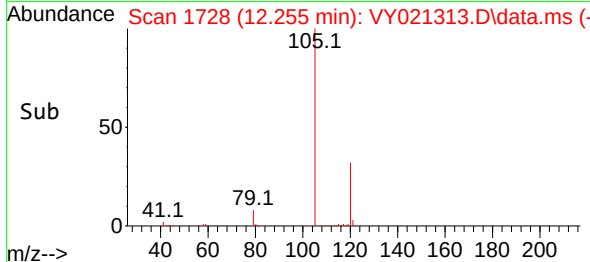
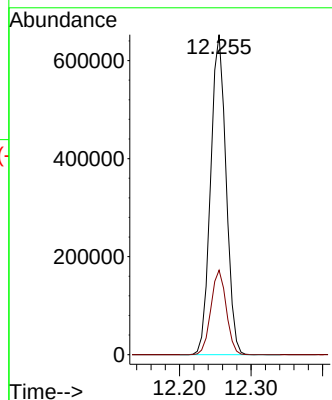
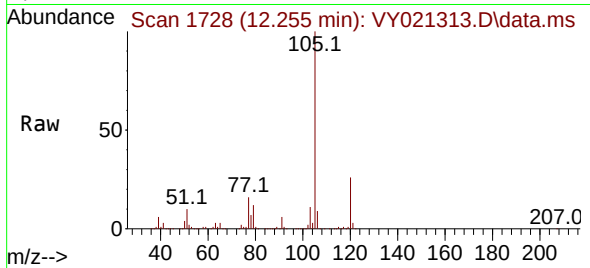




#73
Isopropylbenzene
Concen: 52.966 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

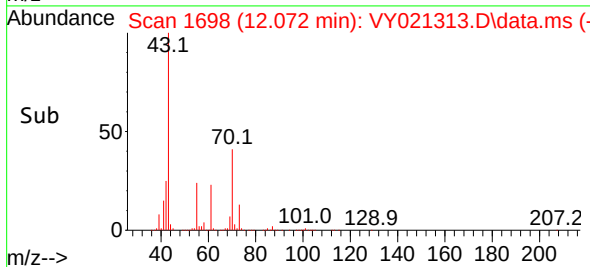
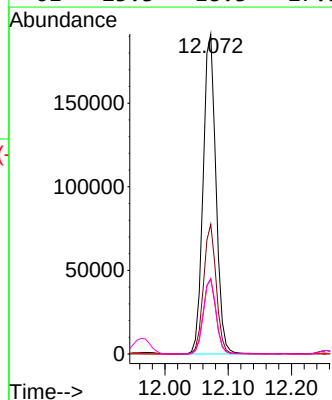
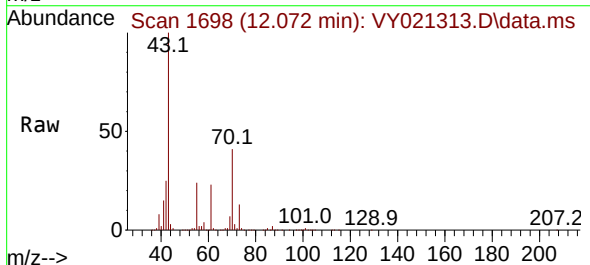
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

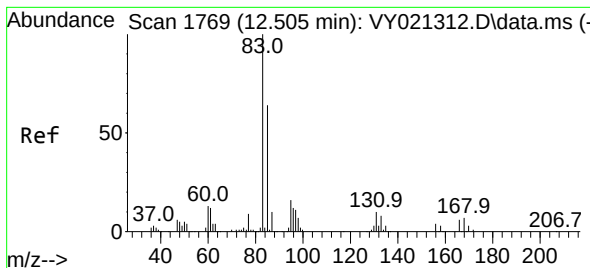
Tgt Ion:105 Resp: 978518
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8



#74
N-ethyl acetate
Concen: 57.626 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 43 Resp: 270601
Ion Ratio Lower Upper
43 100
70 40.0 32.2 48.2
55 23.5 19.6 29.4
61 23.3 18.3 27.5





#75

1,1,2-Tetrachloroethane

Concen: 51.467 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

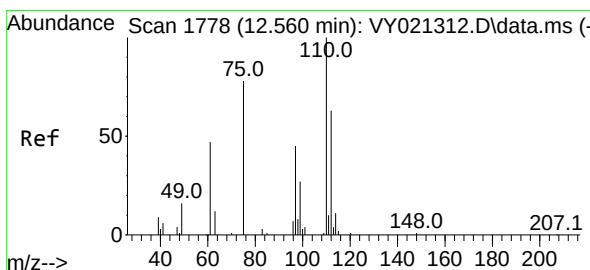
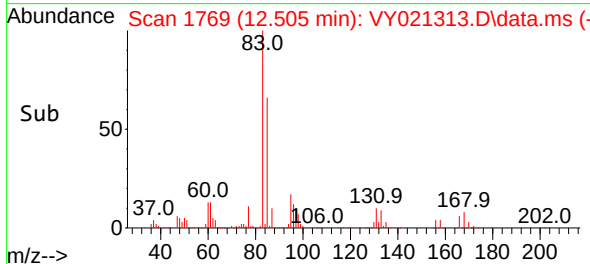
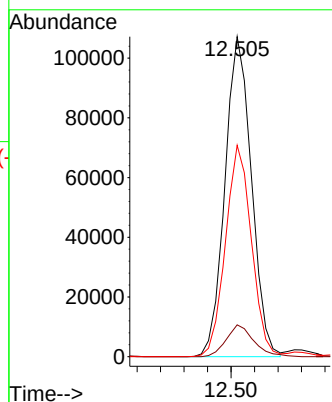
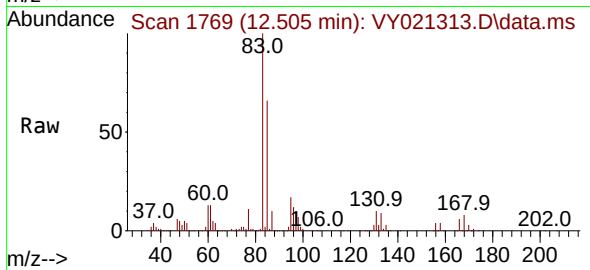
Tgt Ion: 83 Resp: 167807

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 93.049 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021313.D

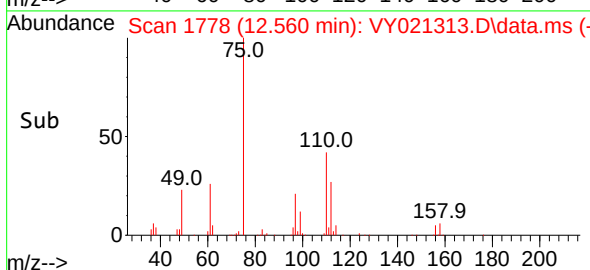
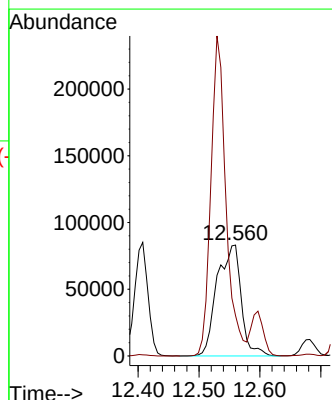
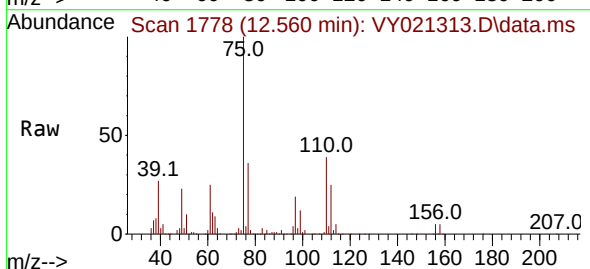
Acq: 25 Feb 2025 15:34

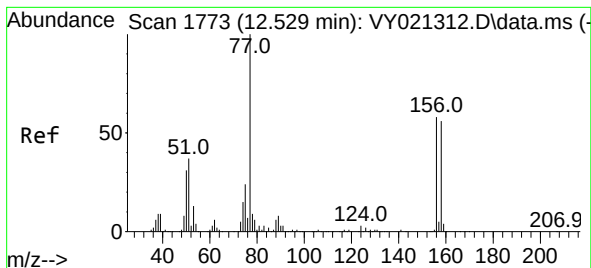
Tgt Ion: 75 Resp: 228873

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.954 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

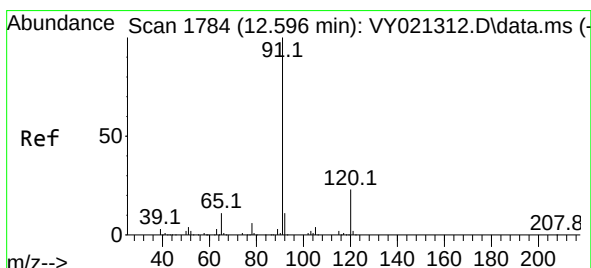
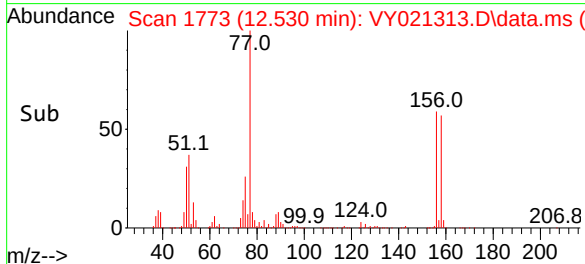
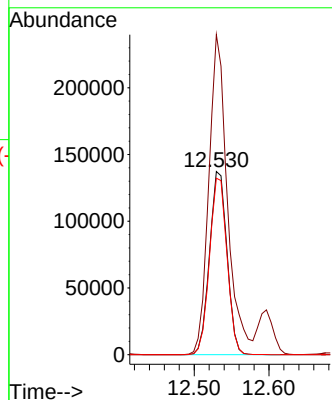
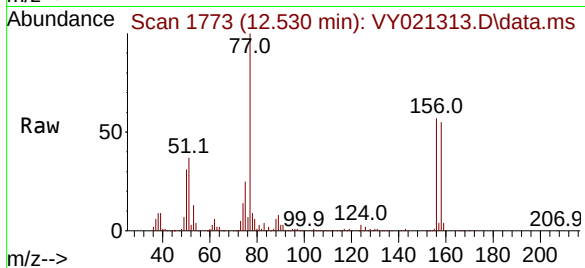
Tgt Ion:156 Resp: 223249

Ion Ratio Lower Upper

156 100

77 185.6 94.0 282.1

158 96.5 48.7 146.1



#78

n-propylbenzene

Concen: 52.761 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021313.D

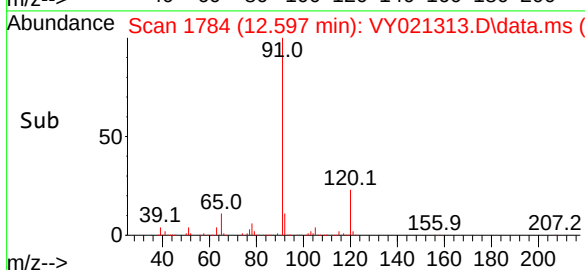
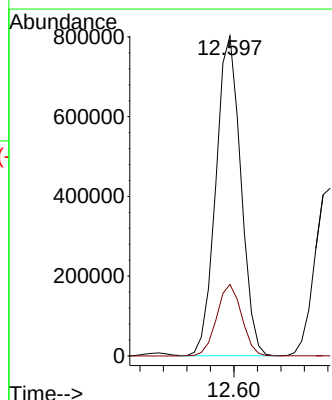
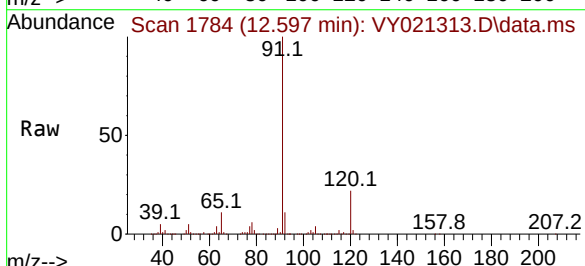
Acq: 25 Feb 2025 15:34

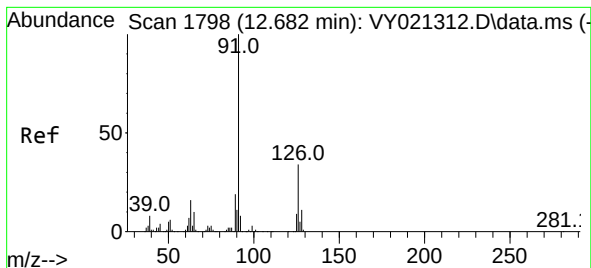
Tgt Ion: 91 Resp: 1182800

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.5

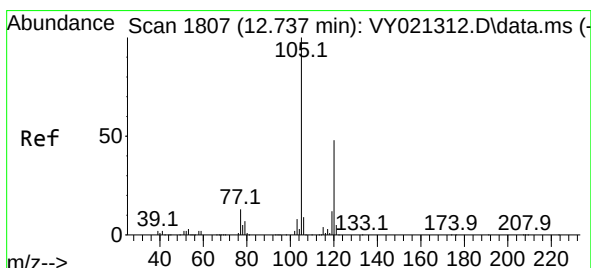
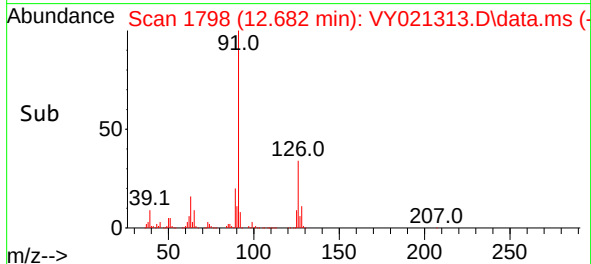
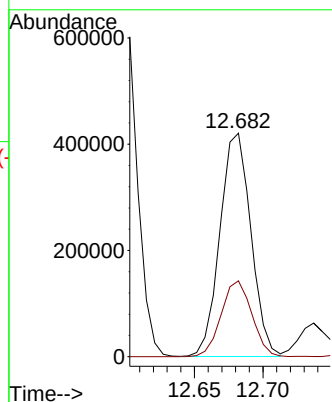
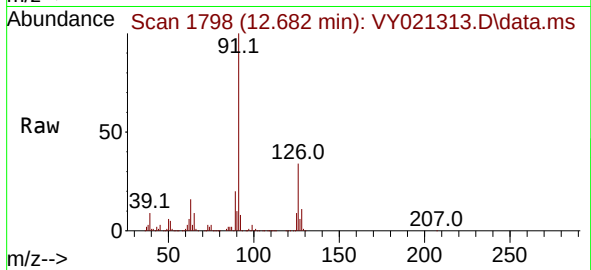




#79
2-Chlorotoluene
Concen: 51.372 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

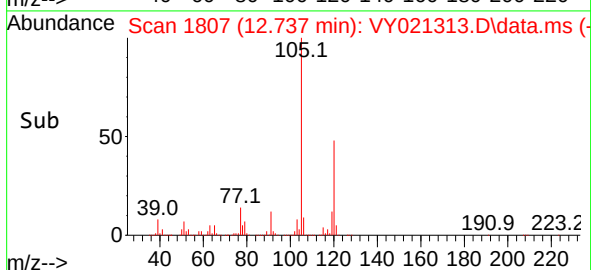
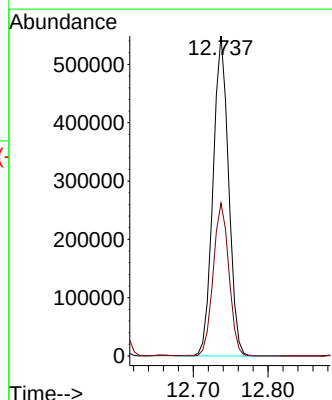
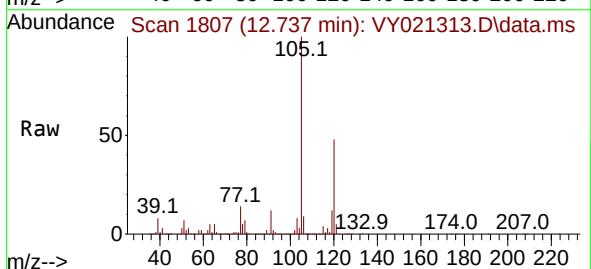
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

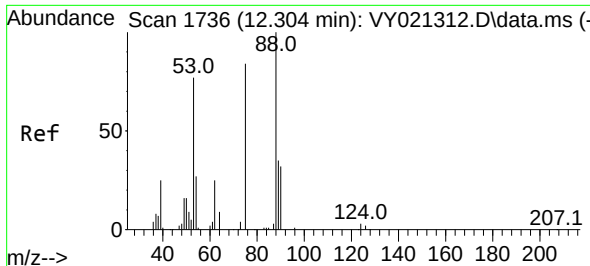
Tgt Ion: 91 Resp: 660945
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 52.250 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 105 Resp: 791697
Ion Ratio Lower Upper
105 100
120 48.2 24.3 73.0

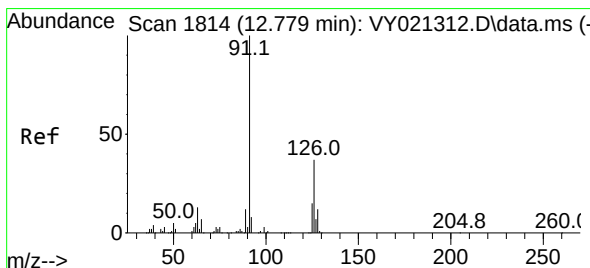
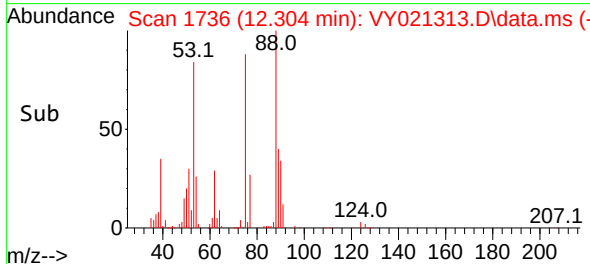
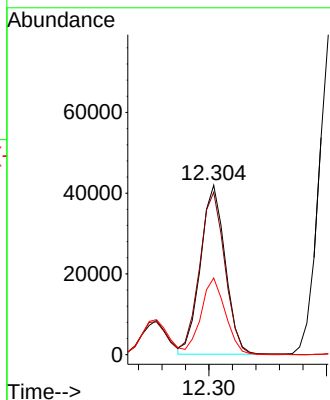
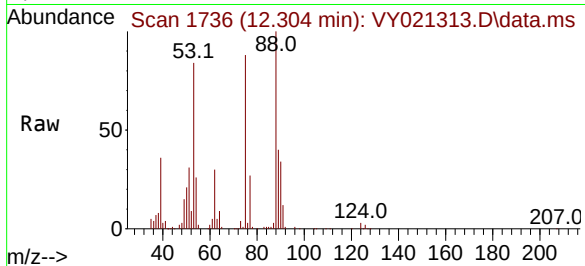




#81
trans-1,4-Dichloro-2-butene
Concen: 55.252 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

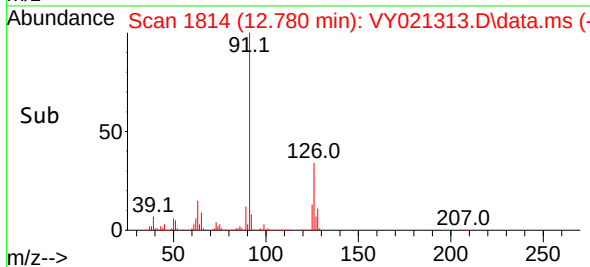
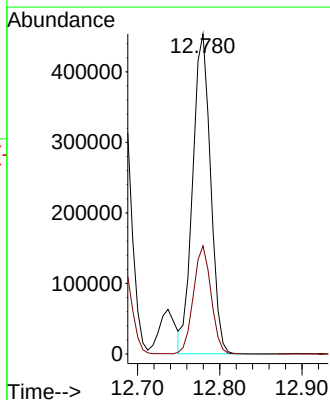
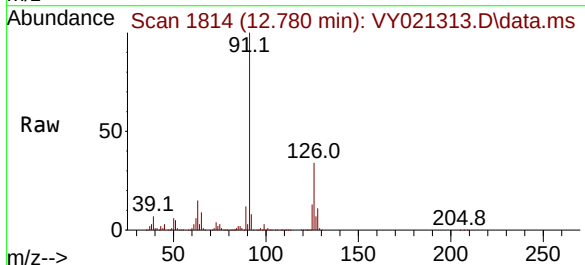
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

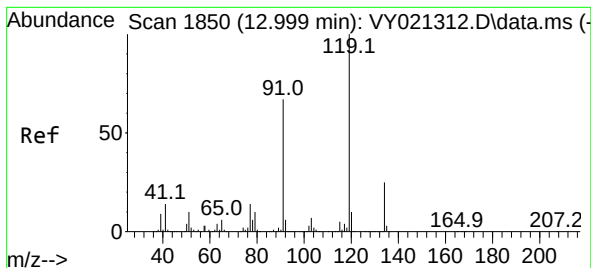
Tgt Ion: 75 Resp: 61145
Ion Ratio Lower Upper
75 100
53 99.5 79.1 118.7
89 44.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.218 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 91 Resp: 683092
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 52.749 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

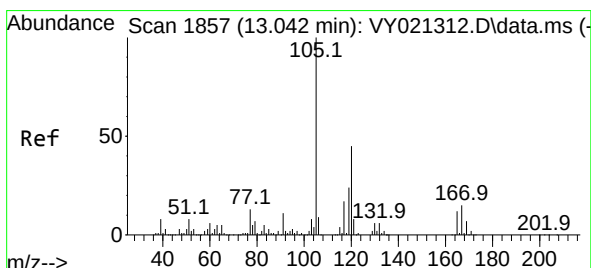
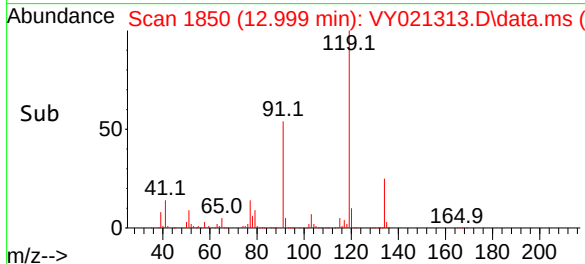
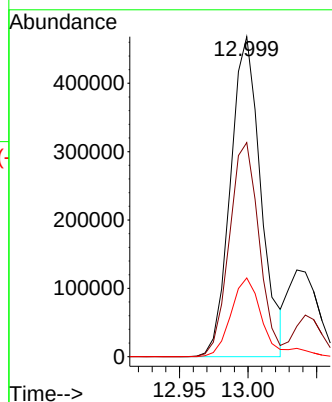
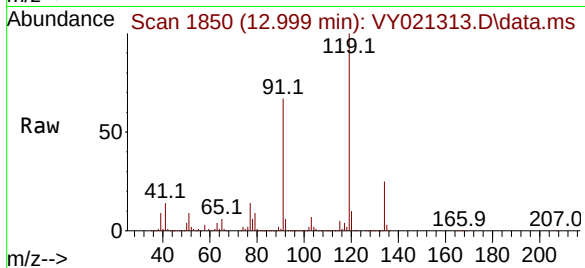
Tgt Ion:119 Resp: 721974

Ion Ratio Lower Upper

119 100

91 65.5 32.7 98.1

134 26.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.416 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021313.D

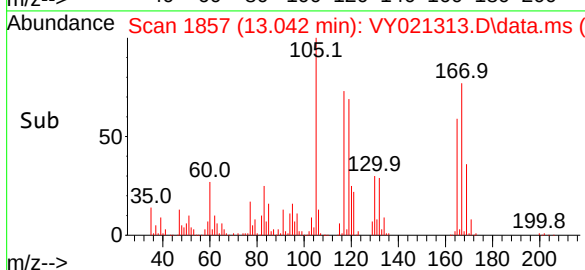
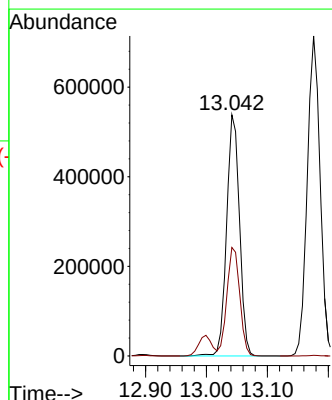
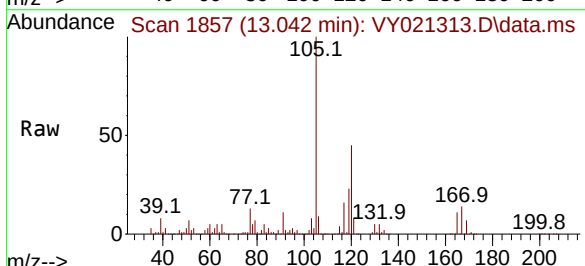
Acq: 25 Feb 2025 15:34

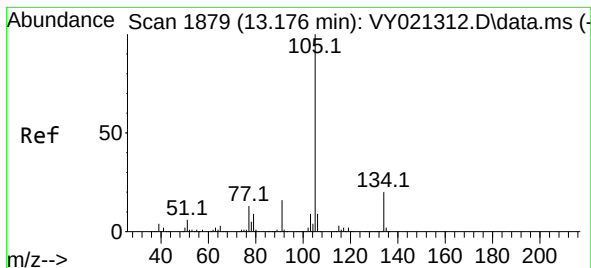
Tgt Ion:105 Resp: 789885

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.160 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

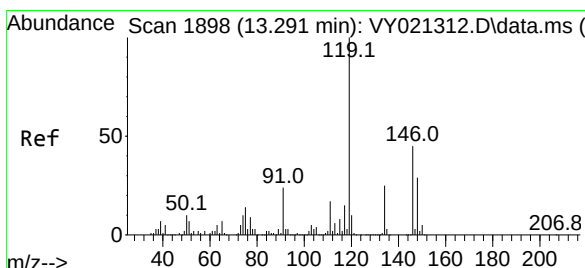
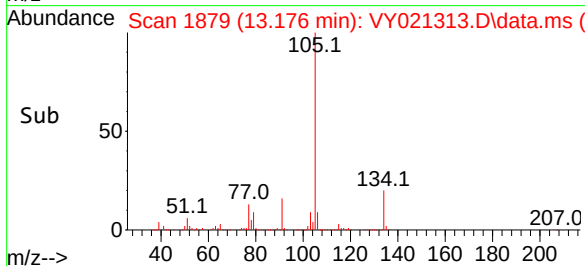
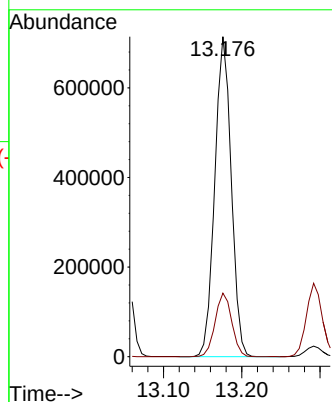
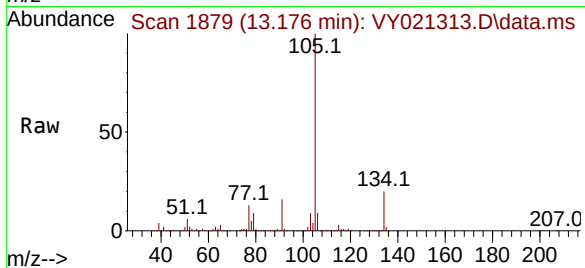
VSTDICC100

Tgt Ion:105 Resp: 1042802

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 52.901 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

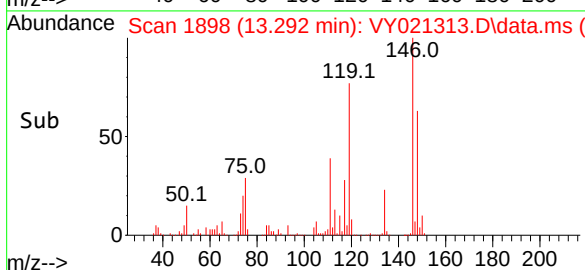
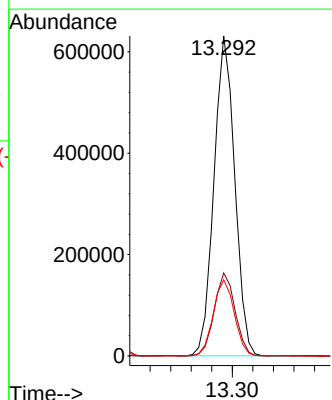
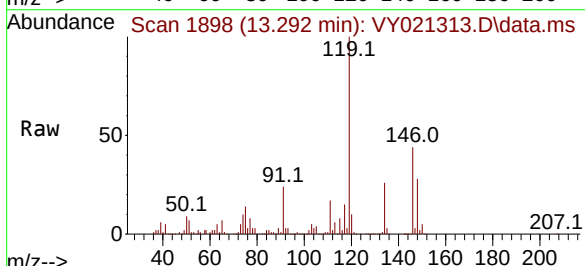
Tgt Ion:119 Resp: 883112

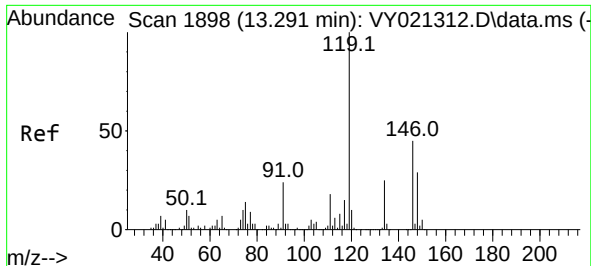
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.1 12.0 36.1

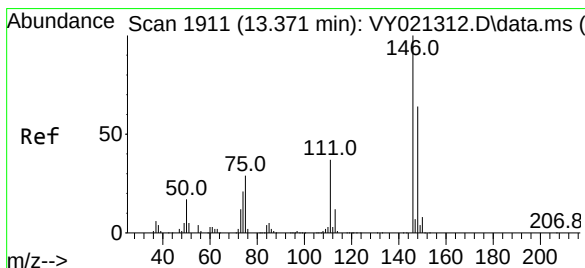
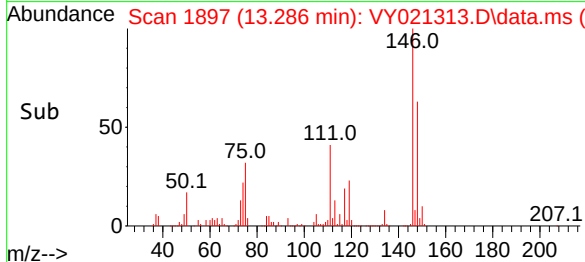
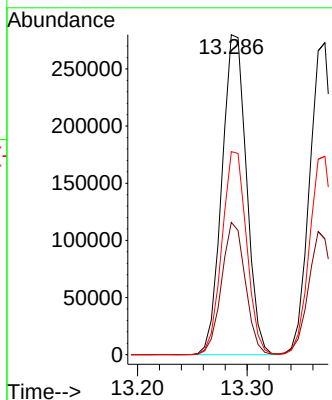
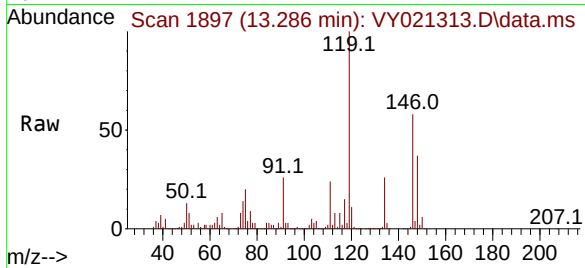




#87
1,3-Dichlorobenzene
Concen: 51.279 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

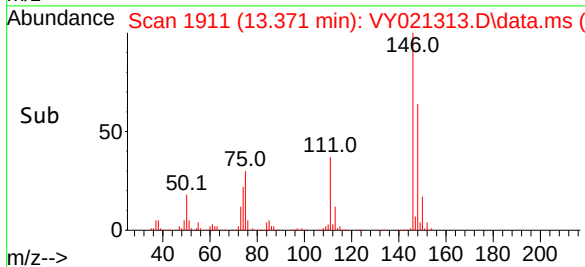
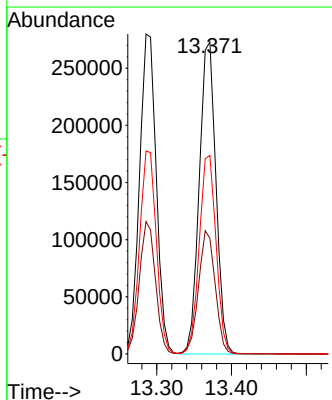
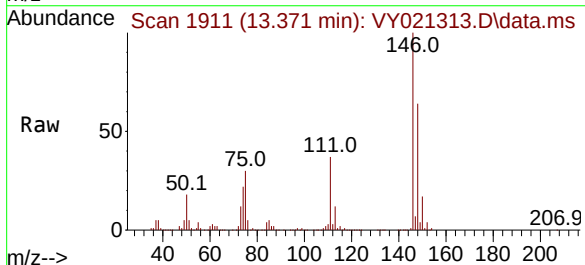
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

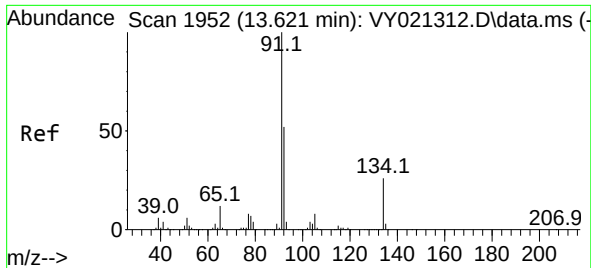
Tgt Ion:146 Resp: 435874
Ion Ratio Lower Upper
146 100
111 40.0 20.0 59.9
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 50.437 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion:146 Resp: 423527
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 64.2 32.0 96.2

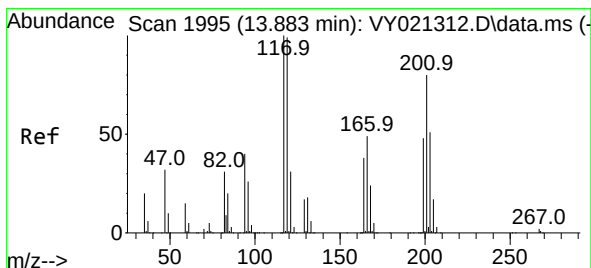
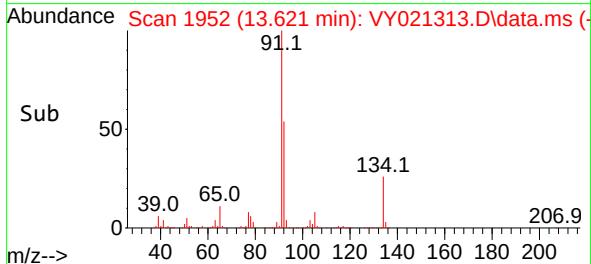
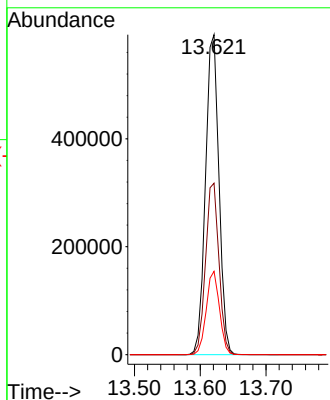
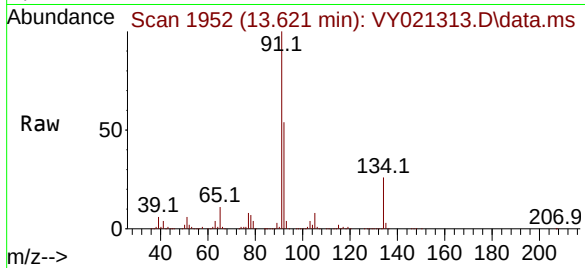




#89
n-Butylbenzene
Concen: 53.656 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

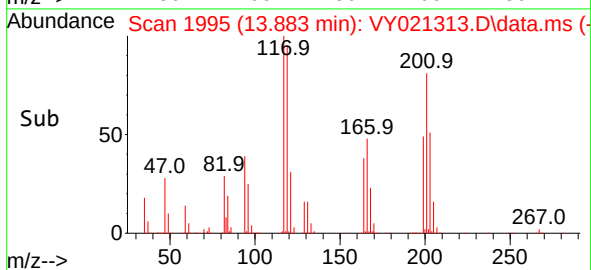
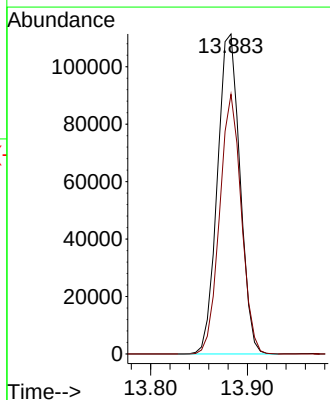
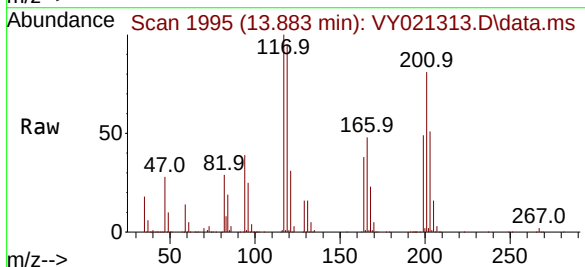
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

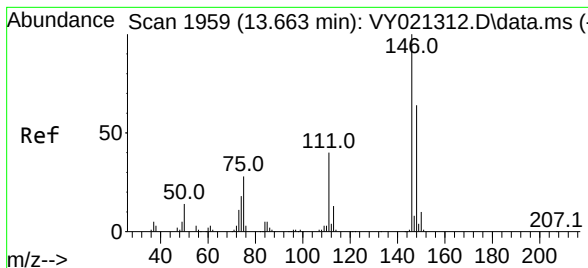
Tgt Ion: 91 Resp: 842921
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.2
134 25.6 12.7 38.0



#90
Hexachloroethane
Concen: 51.723 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021313.D
Acq: 25 Feb 2025 15:34

Tgt Ion: 117 Resp: 180362
Ion Ratio Lower Upper
117 100
201 77.8 38.4 115.2





#91

1,2-Dichlorobenzene

Concen: 50.738 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

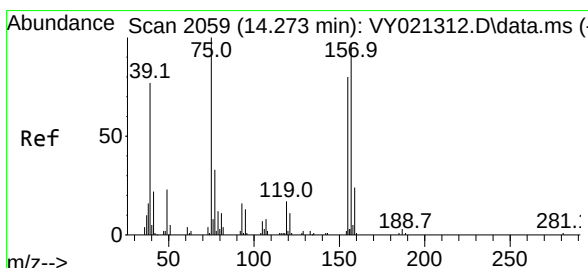
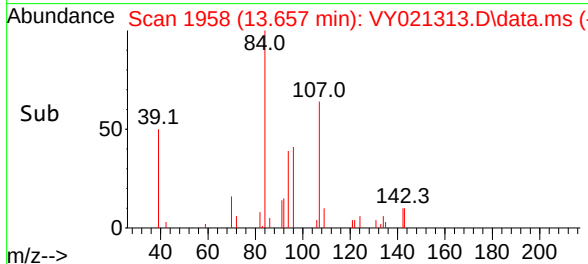
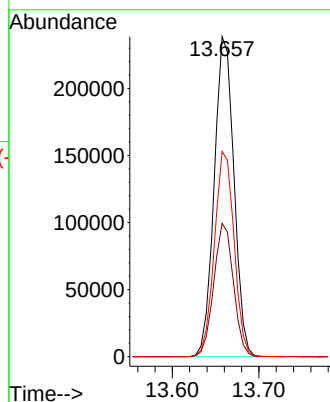
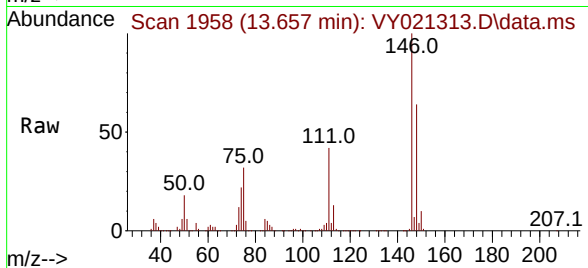
Tgt Ion:146 Resp: 377855

Ion Ratio Lower Upper

146 100

111 41.5 20.7 62.1

148 64.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.694 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

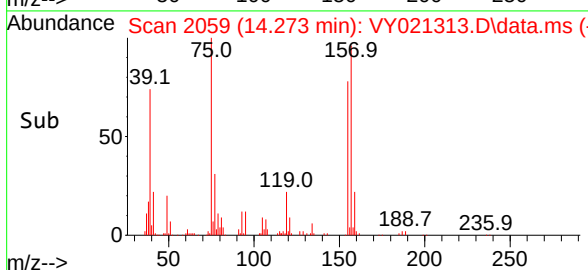
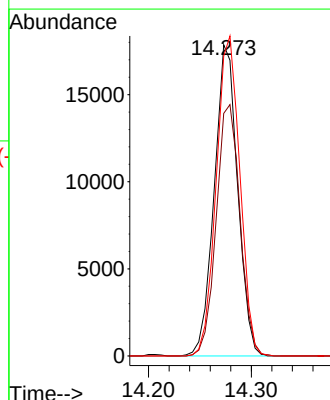
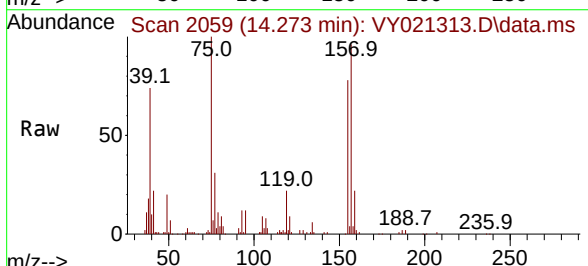
Tgt Ion: 75 Resp: 28210

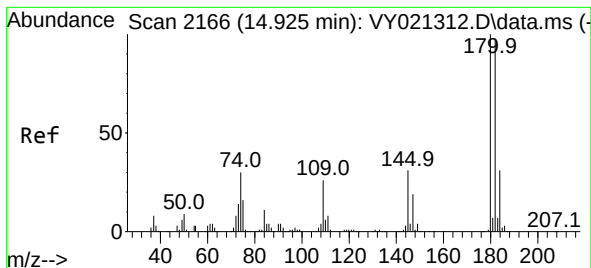
Ion Ratio Lower Upper

75 100

155 82.2 41.9 125.6

157 103.6 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 55.585 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

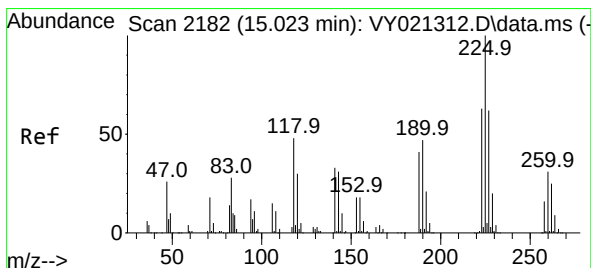
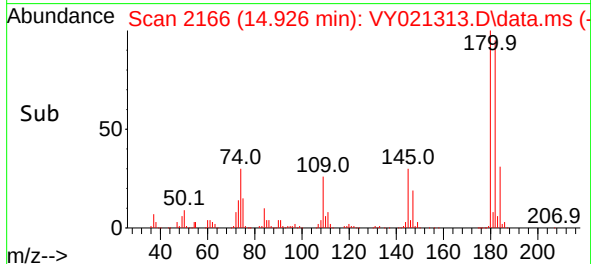
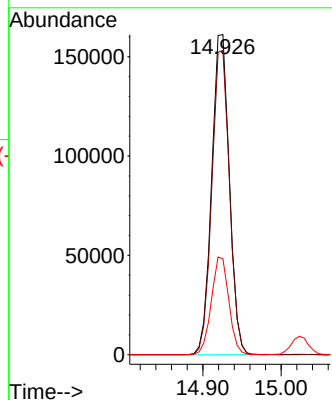
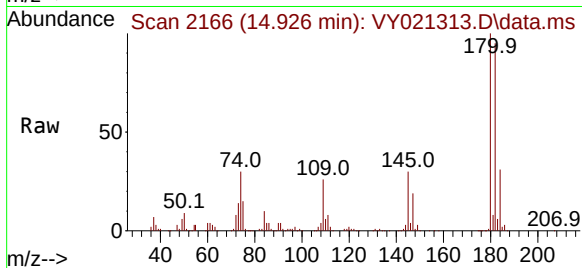
Tgt Ion:180 Resp: 252651

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 30.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 52.785 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

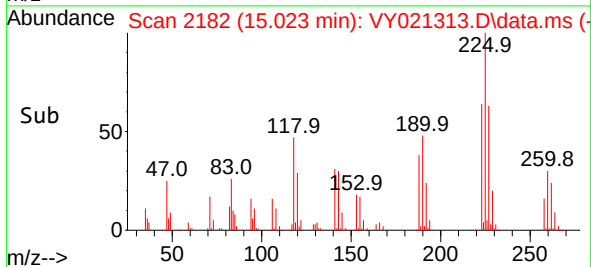
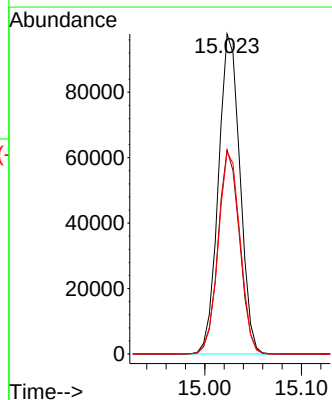
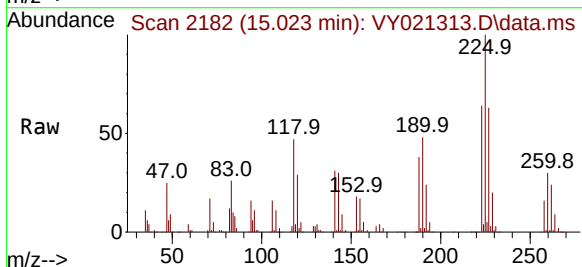
Tgt Ion:225 Resp: 151048

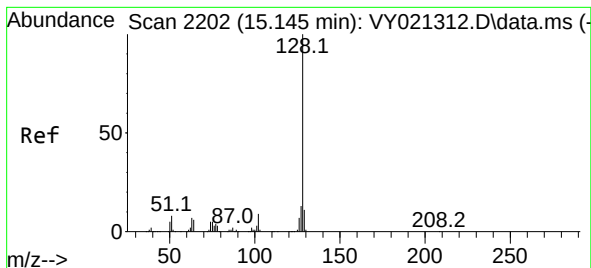
Ion Ratio Lower Upper

225 100

223 63.3 31.8 95.4

227 64.0 31.9 95.7





#95

Naphthalene

Concen: 60.530 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

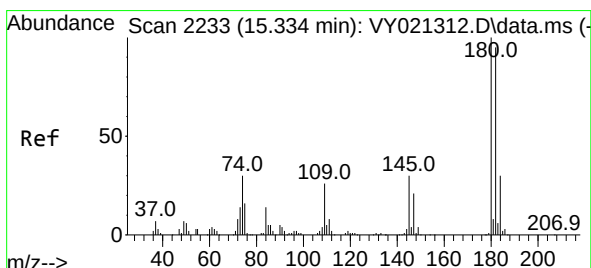
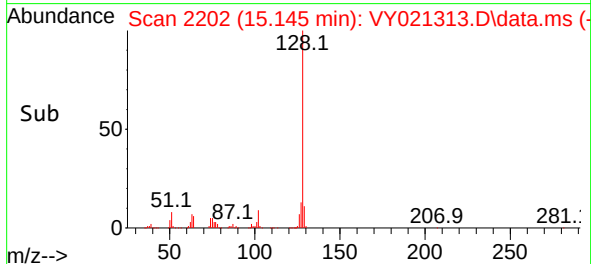
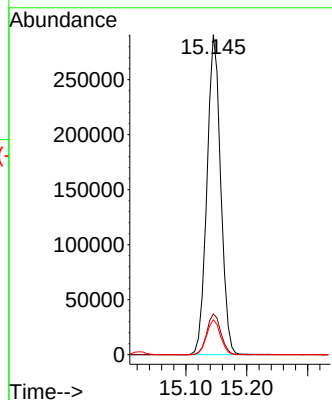
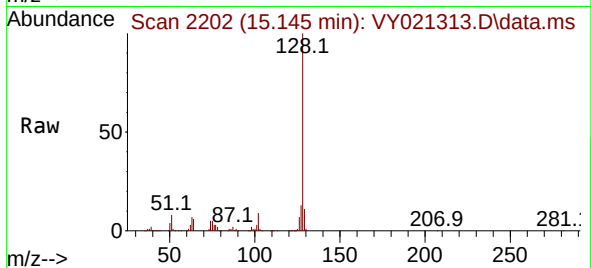
Tgt Ion:128 Resp: 455710

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 56.187 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021313.D

Acq: 25 Feb 2025 15:34

Tgt Ion:180 Resp: 215777

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.9

145 32.5 16.1 48.3

