

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021300.D
 Acq On : 24 Feb 2025 15:06
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 25 01:19:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	145276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	231277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	196998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	93953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	7372	4.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.540%#
35) Dibromofluoromethane	7.628	113	6923	4.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.360%#
50) Toluene-d8	10.109	98	23895	4.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.820%#
62) 4-Bromofluorobenzene	12.408	95	8587	4.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.180%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	5219	5.330	ug/l	86
3) Chloromethane	2.068	50	5447	8.486	ug/l	97
4) Vinyl Chloride	2.202	62	5661	4.404	ug/l	97
5) Bromomethane	2.598	94	4796	5.471	ug/l	95
6) Chloroethane	2.733	64	4206	4.797	ug/l	100
7) Trichlorofluoromethane	3.056	101	10991	5.135	ug/l	93
8) Diethyl Ether	3.458	74	3259	4.926	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	7200	5.592	ug/l	96
10) Methyl Iodide	4.007	142	4834	3.990	ug/l #	92
11) Tert butyl alcohol	4.854	59	4570	35.218	ug/l #	78
12) 1,1-Dichloroethene	3.787	96	4982	4.564	ug/l	87
13) Acrolein	3.653	56	2472	23.037	ug/l	91
14) Allyl chloride	4.385	41	9672	4.791	ug/l	96
15) Acrylonitrile	5.055	53	8070	25.542	ug/l	96
16) Acetone	3.867	43	9554	33.047	ug/l	91
17) Carbon Disulfide	4.098	76	7286	2.854	ug/l	97
18) Methyl Acetate	4.379	43	4338	4.984	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	17946	5.187	ug/l	99
20) Methylene Chloride	4.610	84	8393	5.946	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	5349	4.476	ug/l	94
22) Diisopropyl ether	6.019	45	23856	5.005	ug/l	98
23) Vinyl Acetate	5.964	43	64103	24.114	ug/l	100
24) 1,1-Dichloroethane	5.921	63	13962	5.366	ug/l	97
25) 2-Butanone	6.890	43	12871	29.025	ug/l #	89
26) 2,2-Dichloropropane	6.890	77	13472	5.544	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	7938	5.087	ug/l	95
28) Bromochloromethane	7.244	49	5800	4.933	ug/l #	94
29) Tetrahydrofuran	7.262	42	6977	25.244	ug/l	96
30) Chloroform	7.421	83	14323	5.225	ug/l	99
31) Cyclohexane	7.707	56	10870	5.416	ug/l #	75
32) 1,1,1-Trichloroethane	7.610	97	12827	5.242	ug/l	98
36) 1,1-Dichloropropene	7.835	75	8128	4.547	ug/l	98
37) Ethyl Acetate	6.988	43	5010	4.988	ug/l	96
38) Carbon Tetrachloride	7.817	117	10882	4.922	ug/l	93
39) Methylcyclohexane	9.109	83	8421	4.071	ug/l	93
40) Benzene	8.079	78	26319	4.739	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	2521	4.716	ug/l	90
42) 1,2-Dichloroethane	8.158	62	8566	5.051	ug/l	97
43) Isopropyl Acetate	8.201	43	10193	5.039	ug/l #	87
44) Trichloroethene	8.866	130	6720	4.839	ug/l	96
45) 1,2-Dichloropropane	9.140	63	7666	5.295	ug/l	90
46) Dibromomethane	9.238	93	3961	5.001	ug/l	95
47) Bromodichloromethane	9.420	83	11441	5.194	ug/l	98
48) Methyl methacrylate	9.219	41	4043	4.399	ug/l	92
49) 1,4-Dioxane	9.225	88	878	97.406	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	26609	24.749	ug/l	100
52) Toluene	10.170	92	16266	4.592	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	9734	4.915	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	11160	4.963	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	5853	5.319	ug/l	91
56) Ethyl methacrylate	10.438	69	6141	4.272	ug/l	95
57) 1,3-Dichloropropane	10.719	76	9243	4.959	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.707	63	14874	20.650	ug/l	100
59) 2-Hexanone	10.762	43	16611	23.570	ug/l	99
60) Dibromochloromethane	10.914	129	7780	5.181	ug/l	98
61) 1,2-Dibromoethane	11.012	107	4930	5.028	ug/l	100
64) Tetrachloroethene	10.646	164	6185	5.042	ug/l	91
65) Chlorobenzene	11.444	112	20173	5.164	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	7699	5.263	ug/l	96
67) Ethyl Benzene	11.518	91	33131	4.838	ug/l	99
68) m/p-Xylenes	11.627	106	24251	9.550	ug/l	97
69) o-Xylene	11.957	106	11945	4.890	ug/l	94
70) Styrene	11.969	104	19378	4.677	ug/l	99
71) Bromoform	12.133	173	4402	5.161	ug/l #	99
73) Isopropylbenzene	12.255	105	32220	5.077	ug/l	99
74) N-amyl acetate	12.066	43	7724	4.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	6646	5.560	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	5153m	5.923	ug/l	
77) Bromobenzene	12.536	156	8198	5.446	ug/l	99
78) n-propylbenzene	12.597	91	39209	5.086	ug/l	98
79) 2-Chlorotoluene	12.682	91	23896	5.388	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	26779	5.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2198	5.496	ug/l	99
82) 4-Chlorotoluene	12.780	91	24841	5.385	ug/l	100
83) tert-Butylbenzene	12.999	119	24982	5.143	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	26192	4.979	ug/l	99
85) sec-Butylbenzene	13.176	105	36637	5.232	ug/l	99
86) p-Isopropyltoluene	13.292	119	29512	5.036	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	17213	5.615	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	17055	5.641	ug/l	94
89) n-Butylbenzene	13.621	91	29066	5.202	ug/l	97
90) Hexachloroethane	13.883	117	7030	5.595	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	15061	5.570	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1095	5.590	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	8059	4.980	ug/l	97
94) Hexachlorobutadiene	15.023	225	5872	5.553	ug/l	98
95) Naphthalene	15.145	128	11625	4.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	6868	4.943	ug/l	98

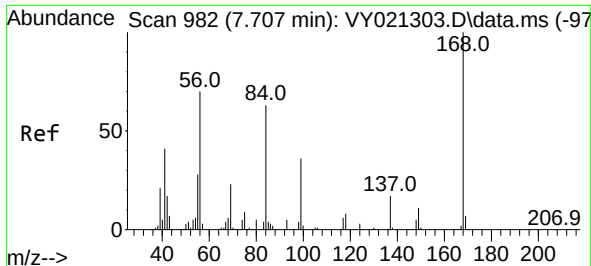
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
Data File : VY021300.D
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Response via : Initial Calibration

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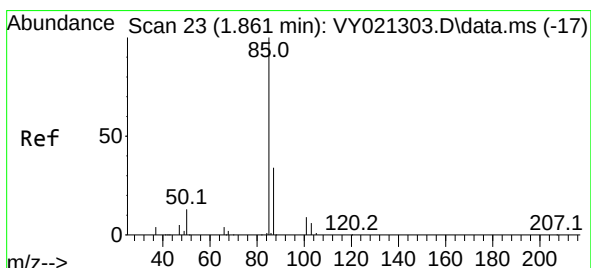
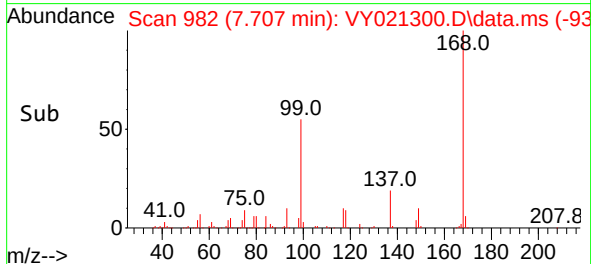
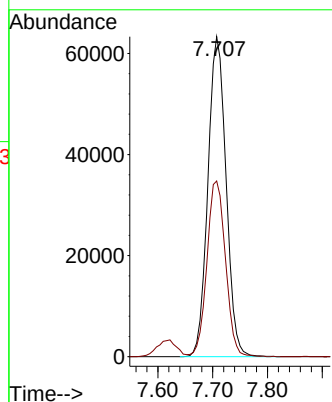
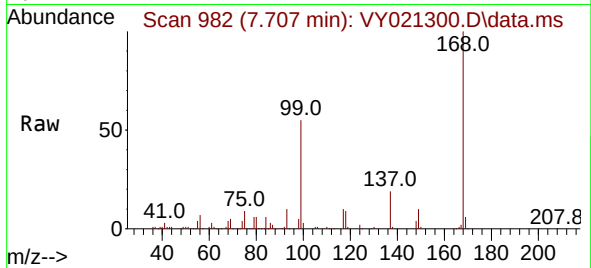
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

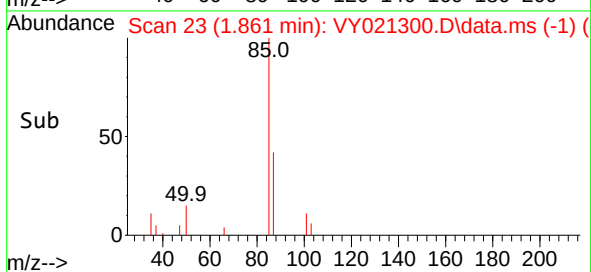
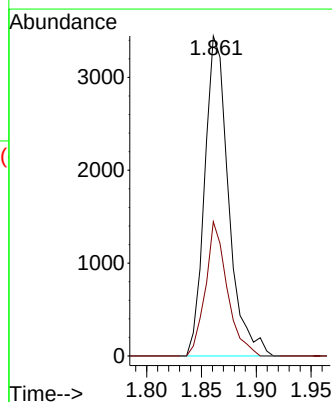
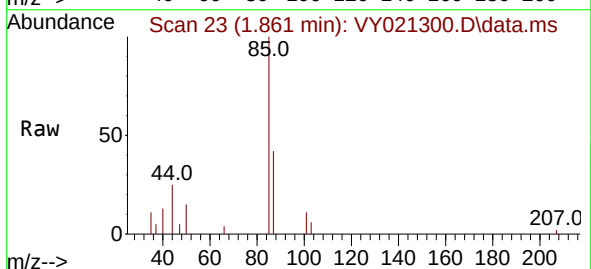
Instrument :
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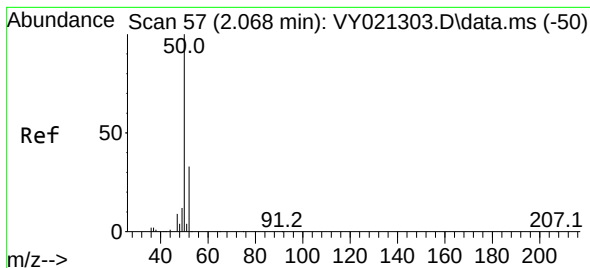
Tgt Ion:168 Resp: 145276
Ion Ratio Lower Upper
168 100
99 54.9 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 5.330 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 85 Resp: 5219
Ion Ratio Lower Upper
85 100
87 42.0 16.9 50.7

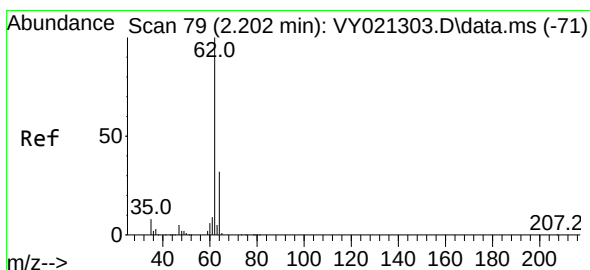
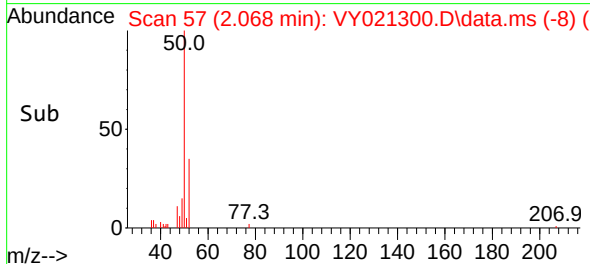
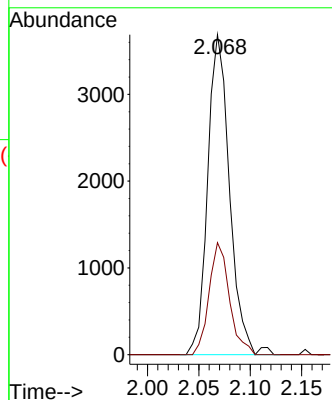
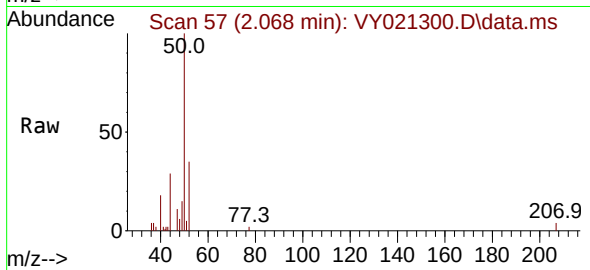




#3
Chloromethane
Concen: 8.486 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

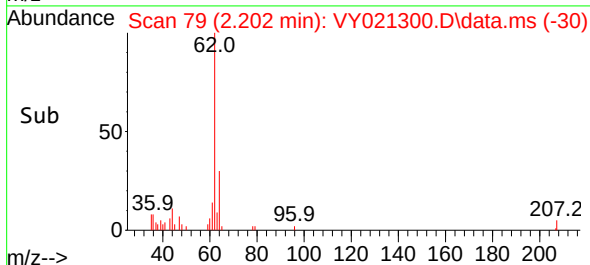
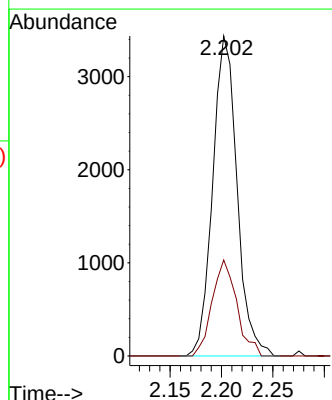
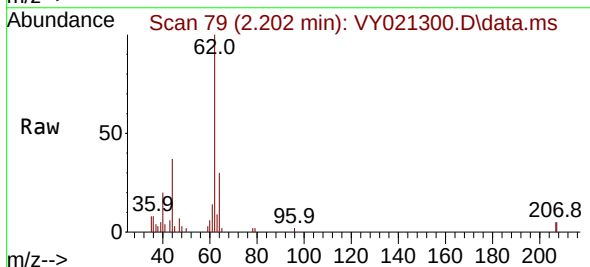
Instrument :
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ClientSampleId :
VSTDIC005

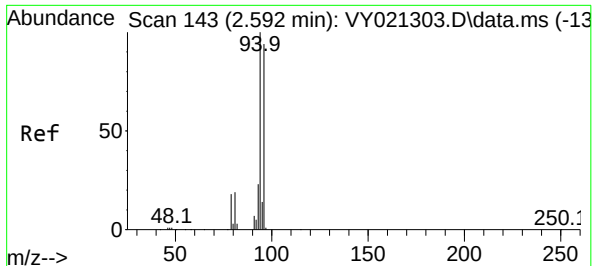
Tgt Ion: 50 Resp: 5447
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0



#4
Vinyl Chloride
Concen: 4.404 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 62 Resp: 5661
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.0

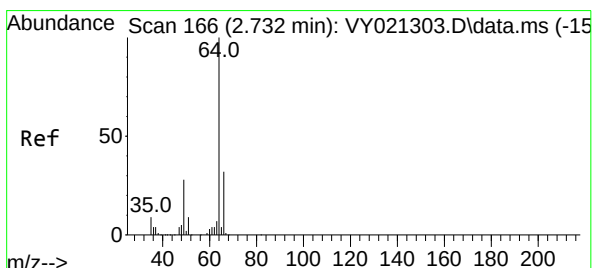
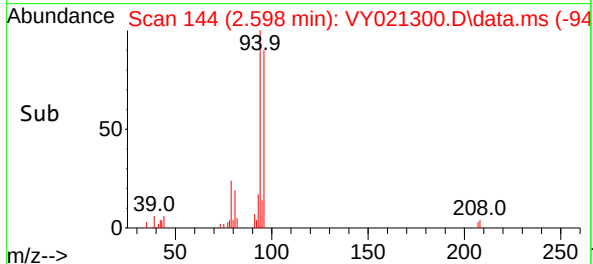
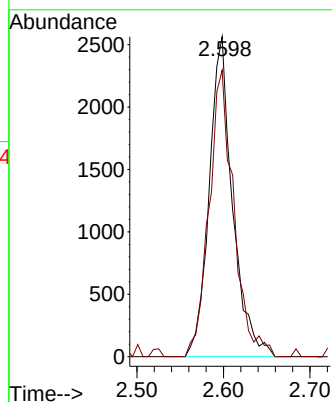
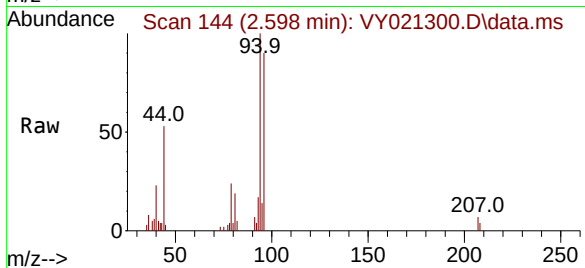




#5
Bromomethane
Concen: 5.471 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

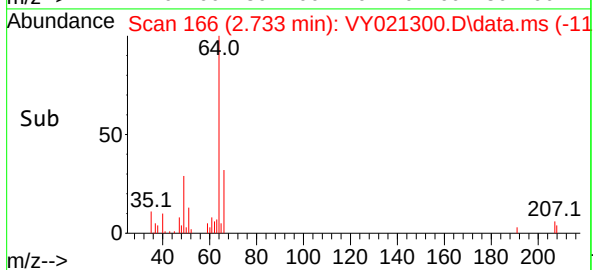
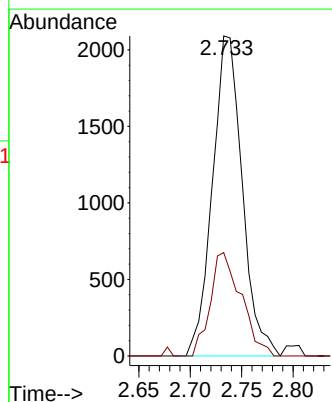
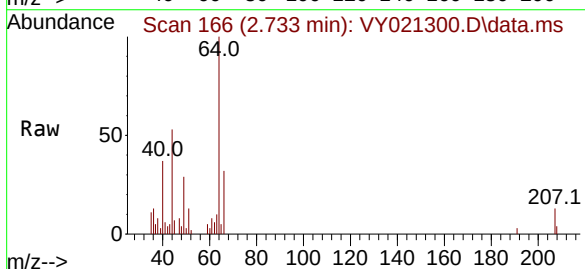
Instrument :
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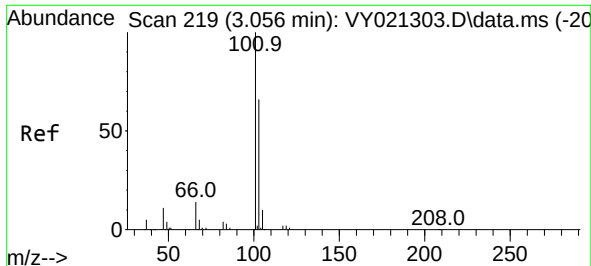
Tgt Ion: 94 Resp: 4796
Ion Ratio Lower Upper
94 100
96 89.5 75.2 112.8



#6
Chloroethane
Concen: 4.797 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.001 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 64 Resp: 4206
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.6

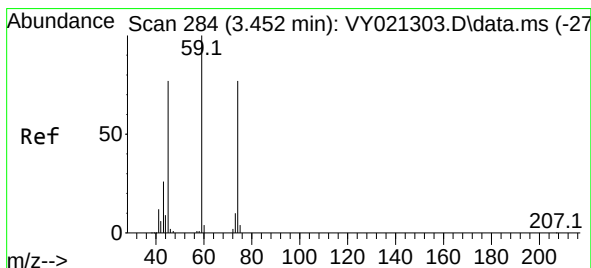
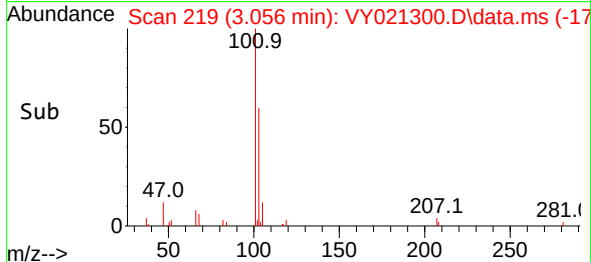
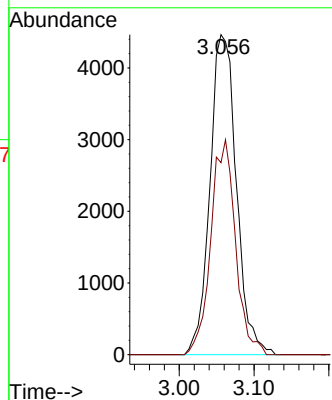
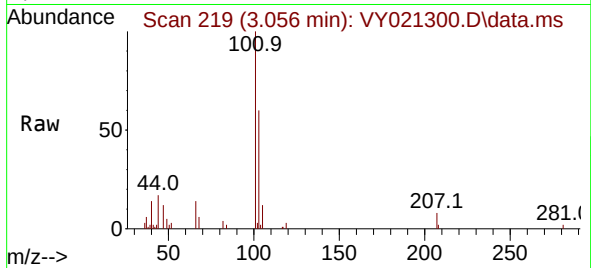




#7
 Trichlorofluoromethane
 Concen: 5.135 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021300.D
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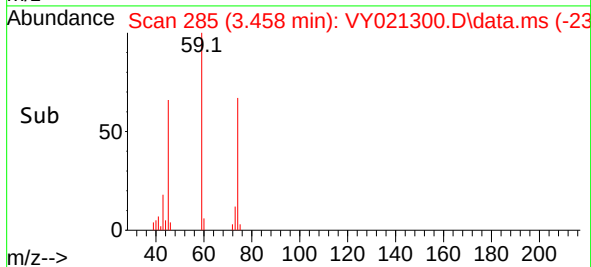
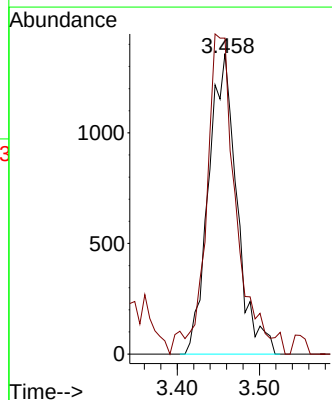
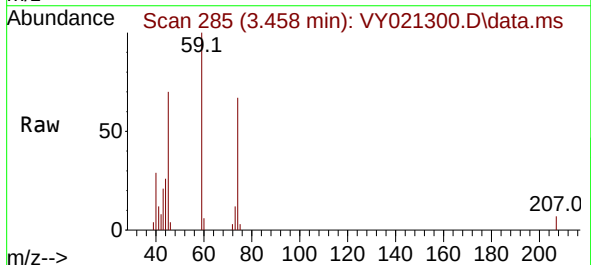
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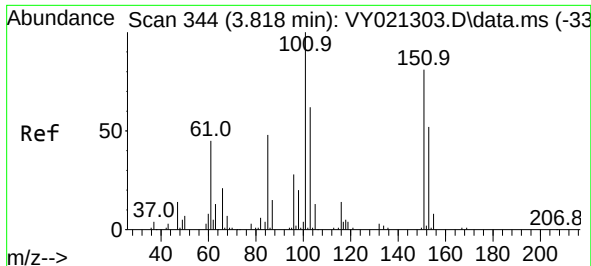
Tgt Ion:101 Resp: 10991
 Ion Ratio Lower Upper
 101 100
 103 60.0 52.5 78.7



#8
 Diethyl Ether
 Concen: 4.926 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

Tgt Ion: 74 Resp: 3259
 Ion Ratio Lower Upper
 74 100
 45 108.6 50.9 152.8

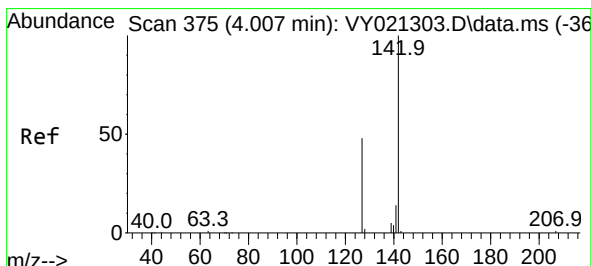
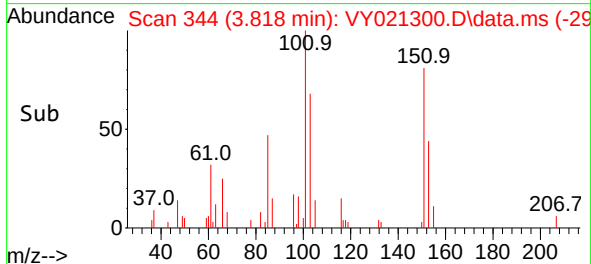
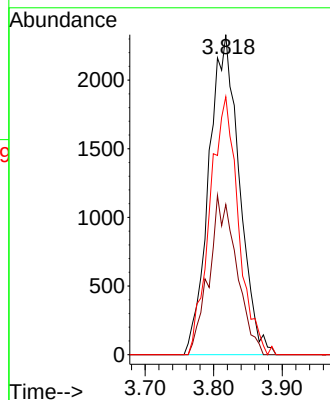
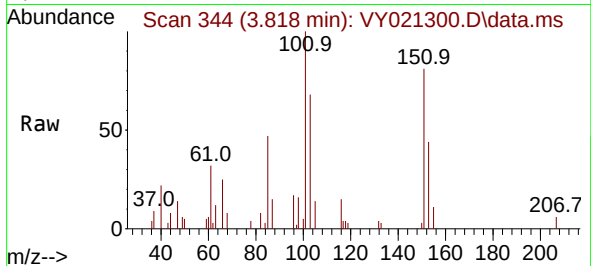




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.592 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

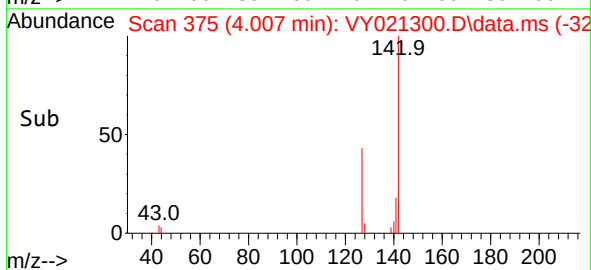
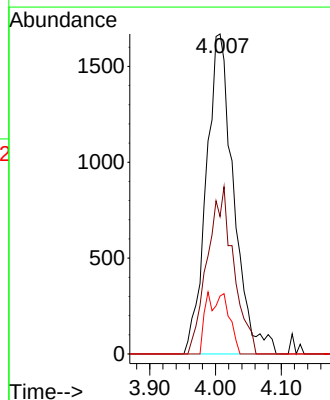
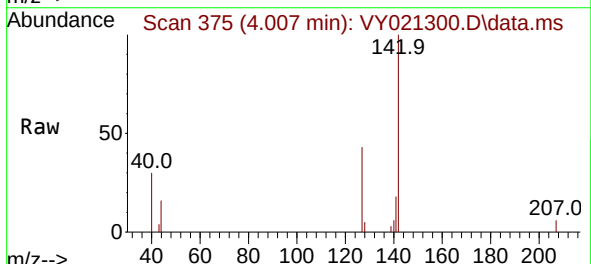
Instrument :
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ClientSampleId :
VSTDIC005

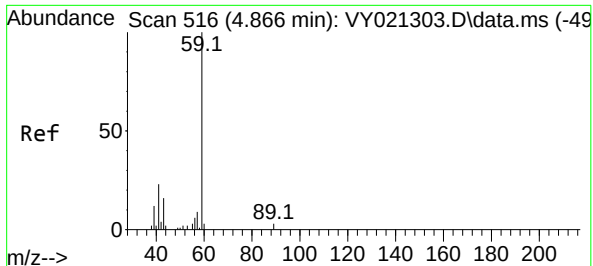
Tgt Ion:101 Resp: 7200
Ion Ratio Lower Upper
101 100
85 45.3 38.6 57.8
151 75.6 63.0 94.6



#10
Methyl Iodide
Concen: 3.990 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion:142 Resp: 4834
Ion Ratio Lower Upper
142 100
127 50.0 39.9 59.9
141 0.0 11.8 17.6#





#11

Tert butyl alcohol

Concen: 35.218 ug/l

RT: 4.854 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

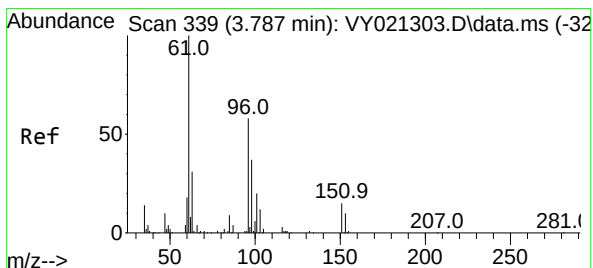
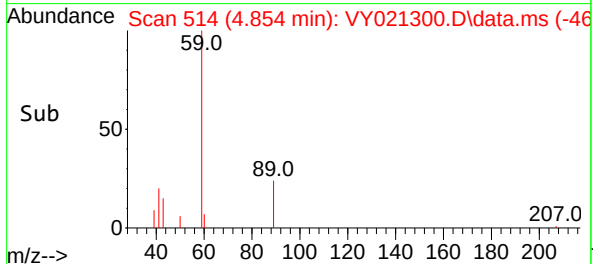
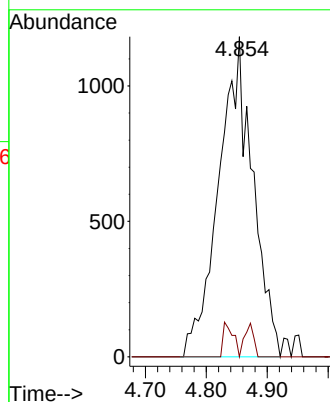
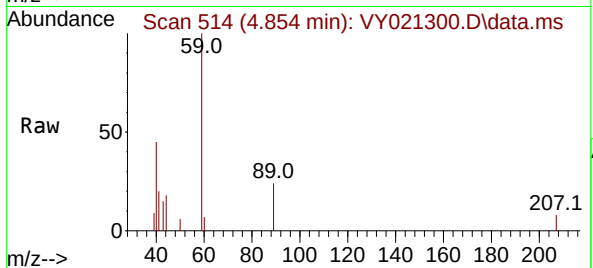
VSTDIC005

Tgt Ion: 59 Resp: 4570

Ion Ratio Lower Upper

59 100

57 2.8 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 4.564 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

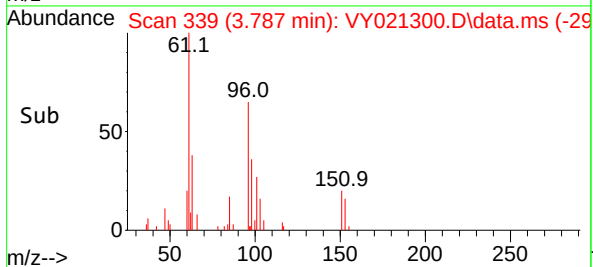
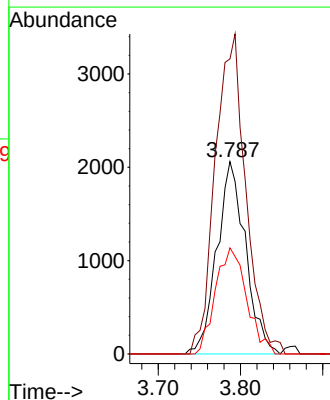
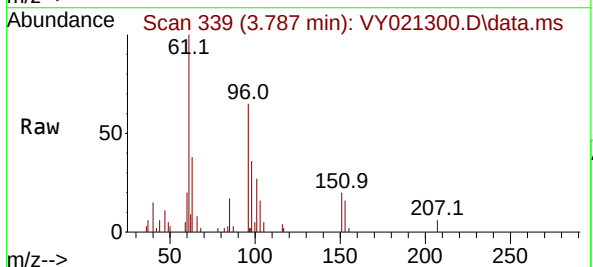
Tgt Ion: 96 Resp: 4982

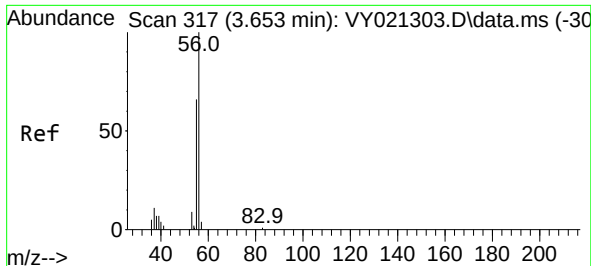
Ion Ratio Lower Upper

96 100

61 153.4 137.8 206.6

98 55.2 50.8 76.2





#13

Acrolein

Concen: 23.037 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

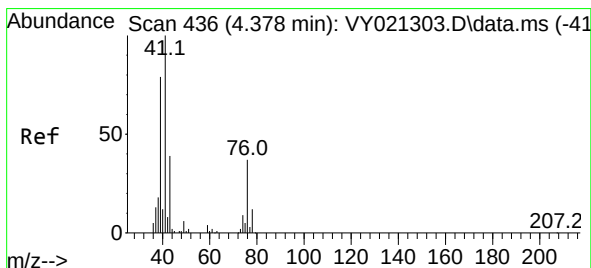
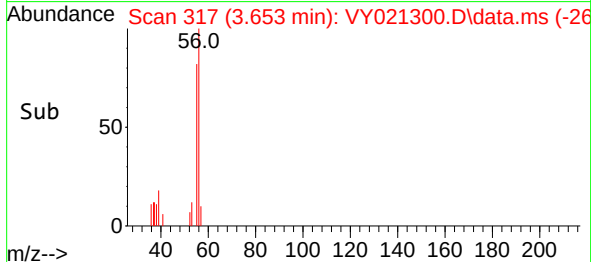
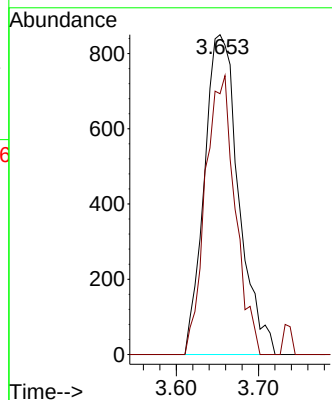
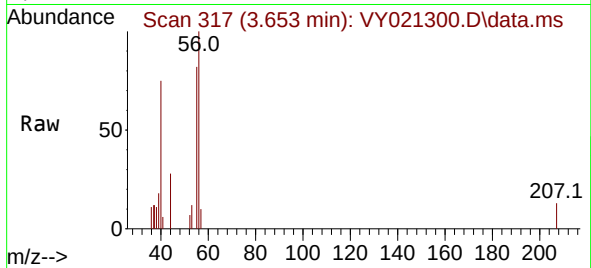
VSTDICC005

Tgt Ion: 56 Resp: 2472

Ion Ratio Lower Upper

56 100

55 75.6 54.8 82.2



#14

Allyl chloride

Concen: 4.791 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

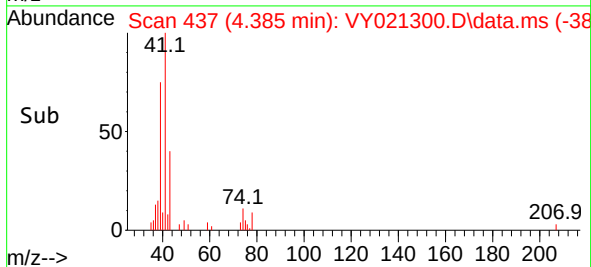
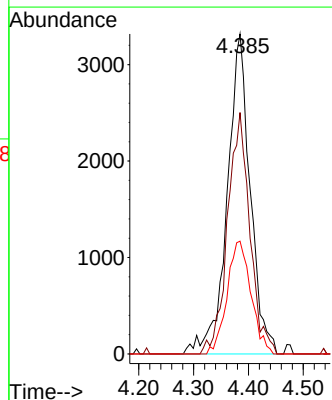
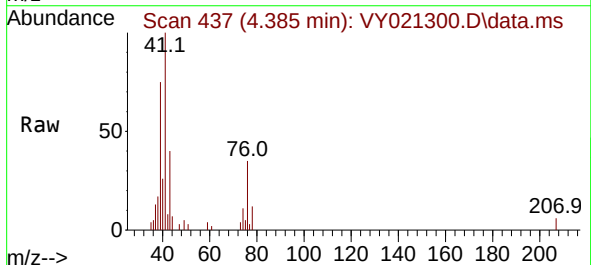
Tgt Ion: 41 Resp: 9672

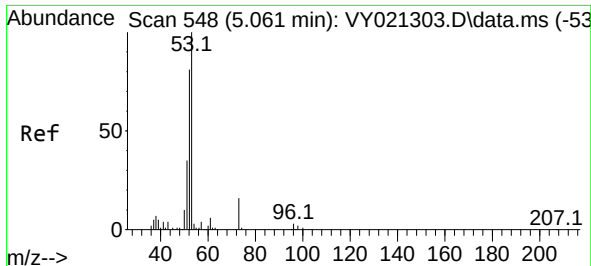
Ion Ratio Lower Upper

41 100

39 73.1 62.5 93.7

76 36.6 28.6 42.8

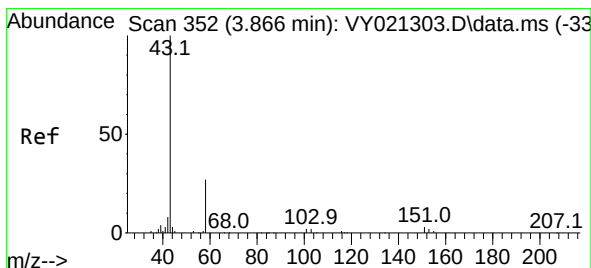
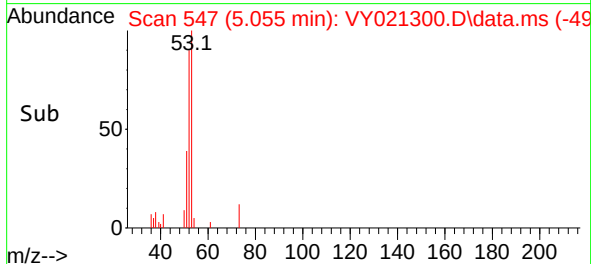
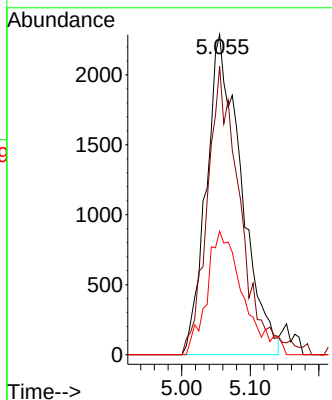
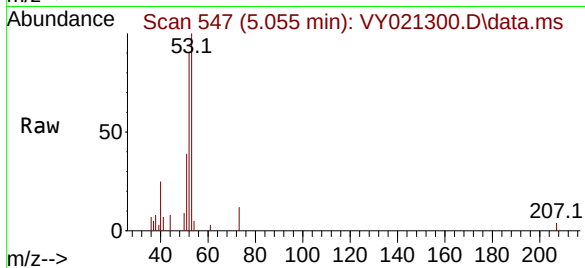




#15
Acrylonitrile
Concen: 25.542 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

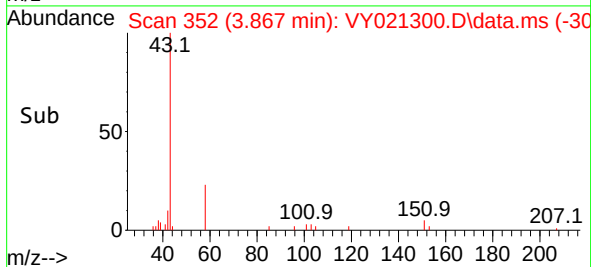
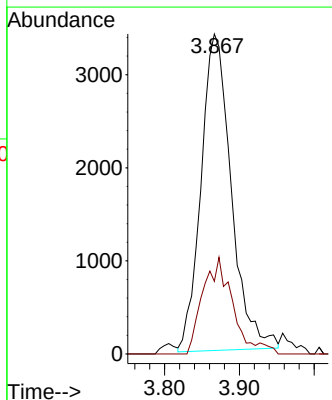
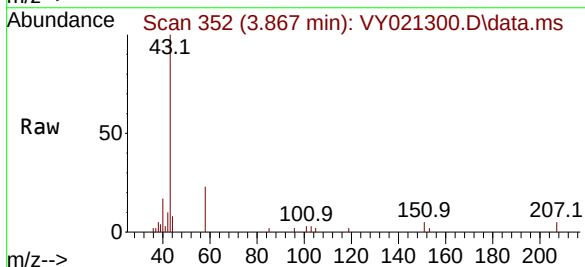
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

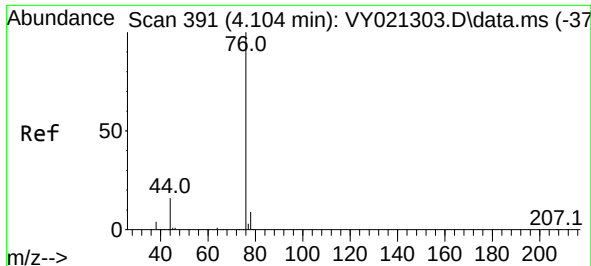
Tgt Ion: 53	Resp:	8070
Ion	Ratio	Lower Upper
53	100	
52	85.5	65.5 98.3
51	40.1	30.4 45.6



#16
Acetone
Concen: 33.047 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 43	Resp:	9554
Ion	Ratio	Lower Upper
43	100	
58	23.1	22.3 33.5

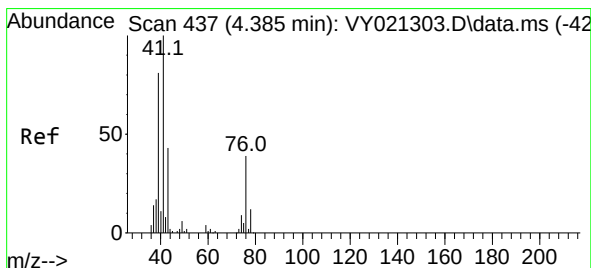
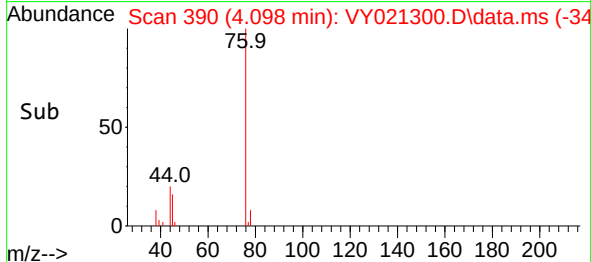
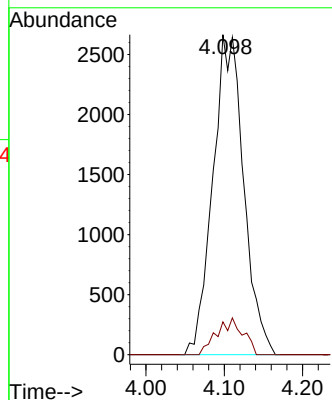
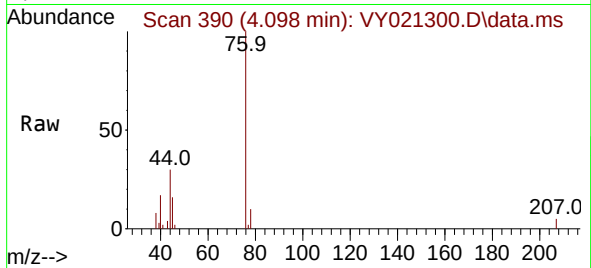




#17
Carbon Disulfide
Concen: 2.854 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

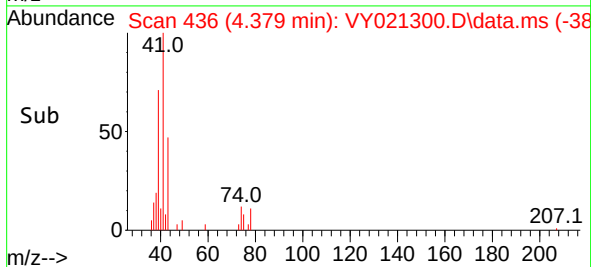
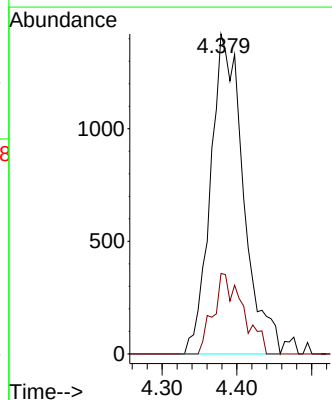
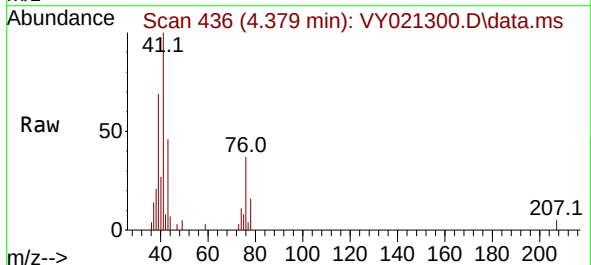
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

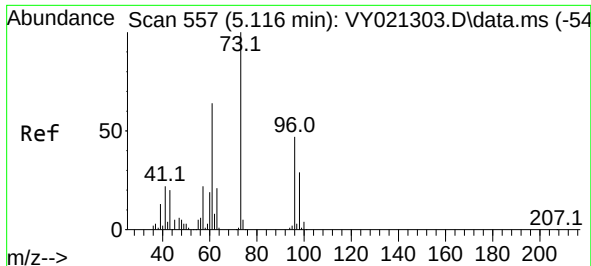
Tgt Ion: 76 Resp: 7286
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 4.984 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 43 Resp: 4338
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5

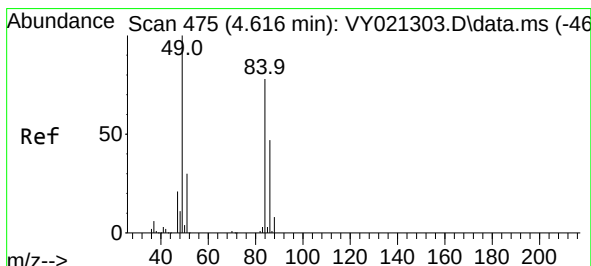
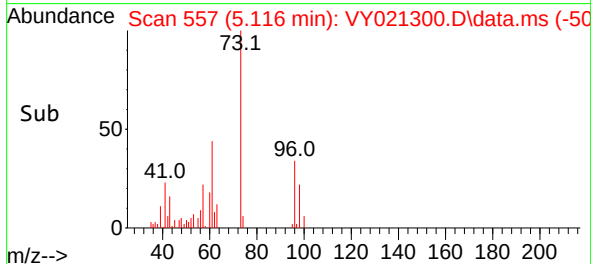
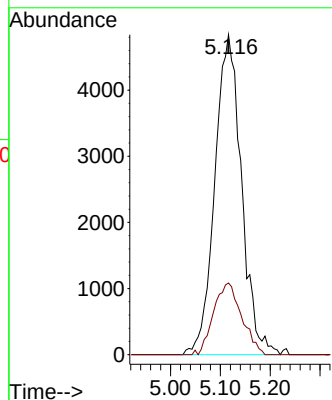
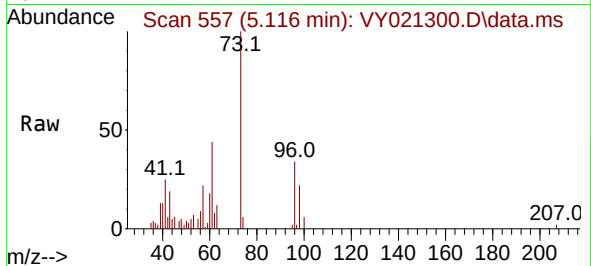




#19
Methyl tert-butyl Ether
Concen: 5.187 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

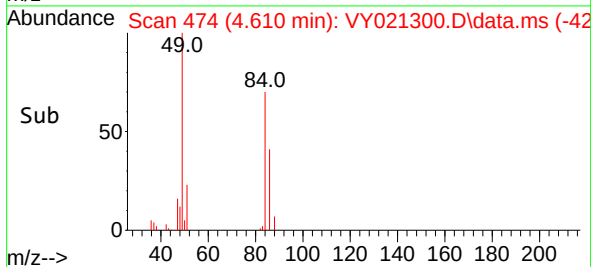
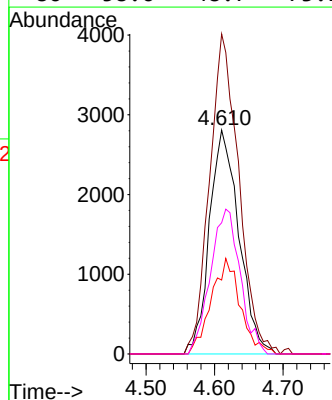
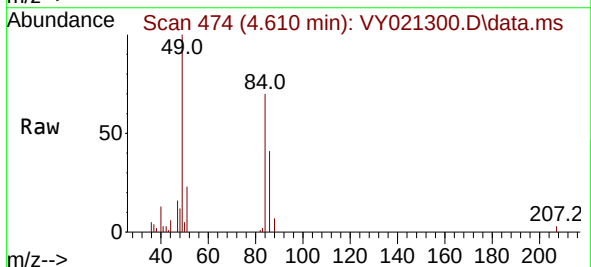
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

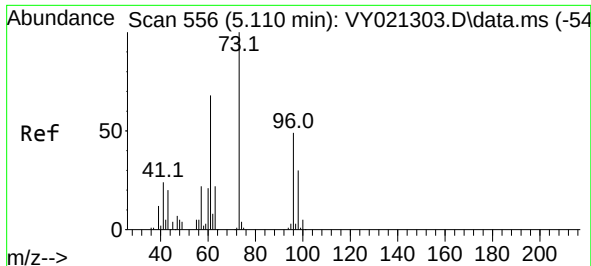
Tgt Ion: 73 Resp: 17946
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 5.946 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 84 Resp: 8393
Ion Ratio Lower Upper
84 100
49 143.0 102.6 154.0
51 33.0 31.0 46.6
86 58.6 48.7 73.1

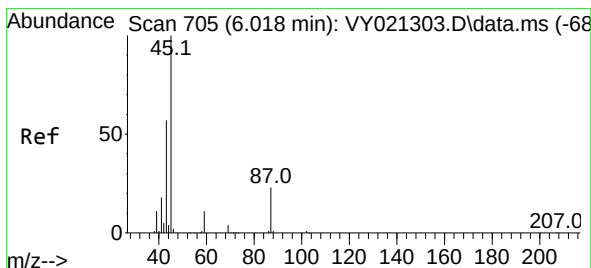
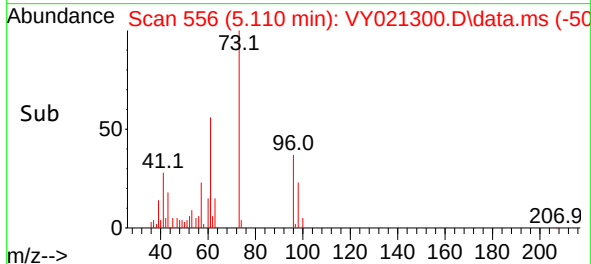
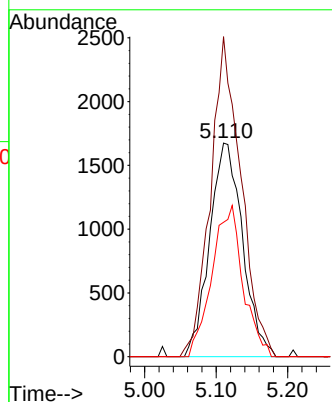
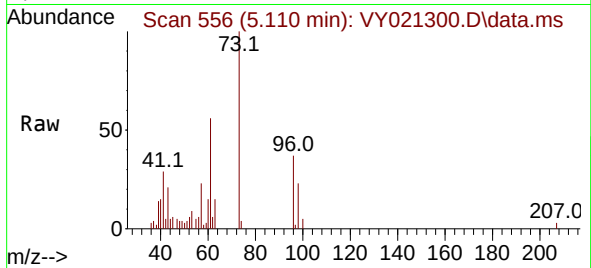




#21
trans-1,2-Dichloroethene
Concen: 4.476 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

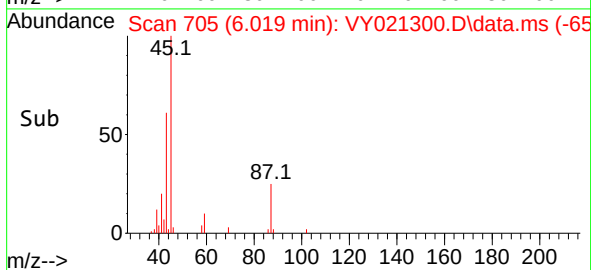
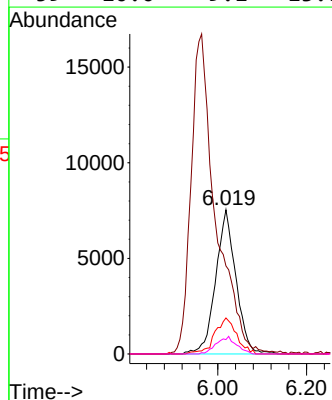
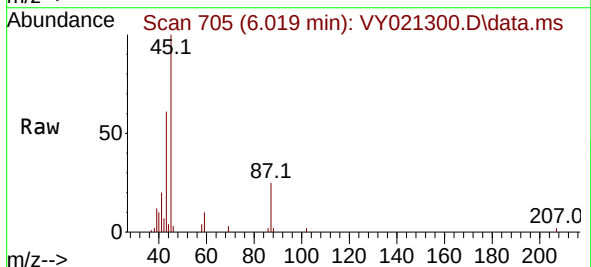
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

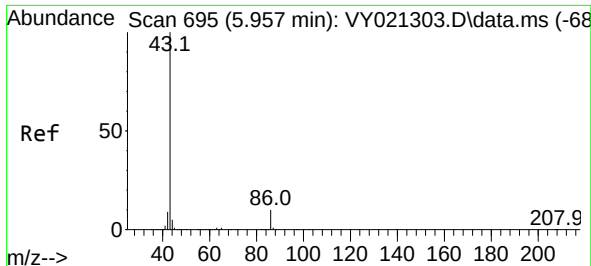
Tgt Ion: 96 Resp: 5349
Ion Ratio Lower Upper
96 100
61 149.8 111.7 167.5
98 62.9 49.3 73.9



#22
Diisopropyl ether
Concen: 5.005 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 45 Resp: 23856
Ion Ratio Lower Upper
45 100
43 58.9 46.4 69.6
87 25.0 19.2 28.8
59 10.0 9.1 13.7

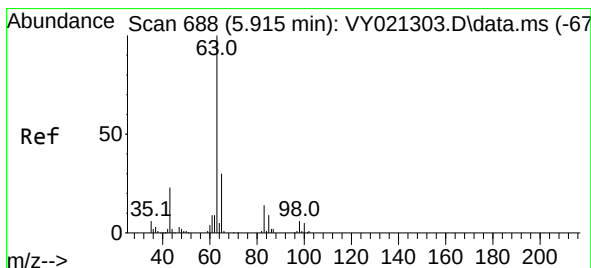
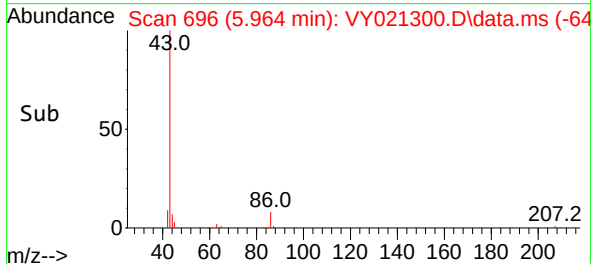
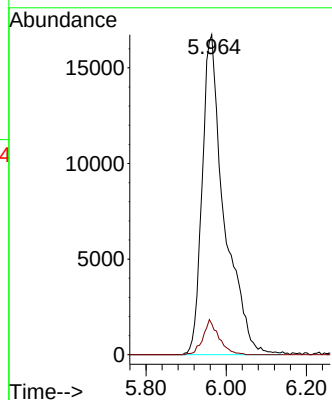
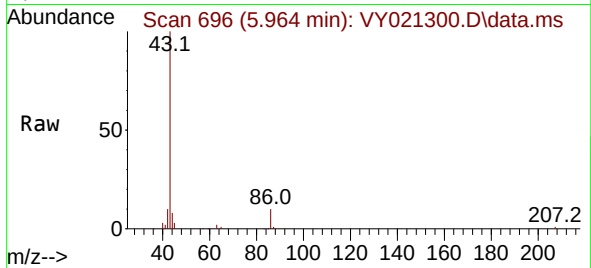




#23
 Vinyl Acetate
 Concen: 24.114 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

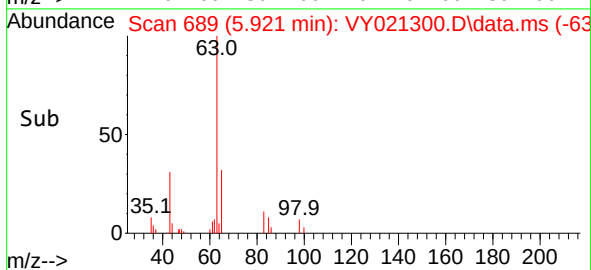
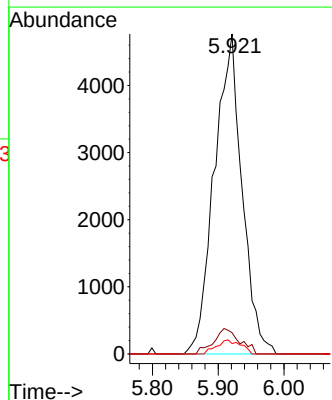
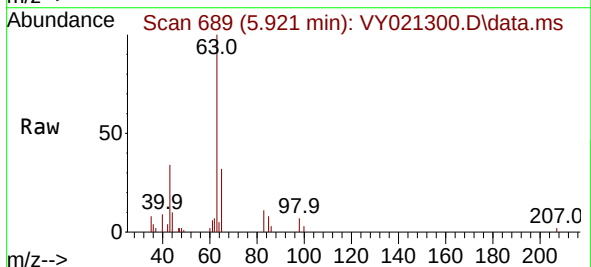
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

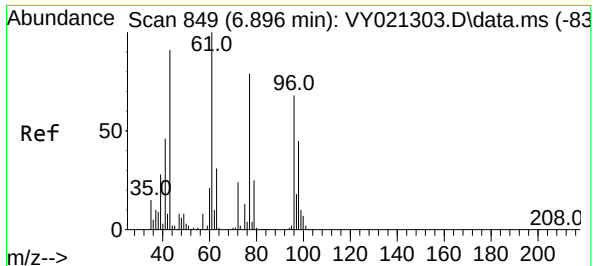
Tgt Ion: 43 Resp: 64103
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 5.366 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

Tgt Ion: 63 Resp: 13962
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.2
 100 3.3 2.3 6.9

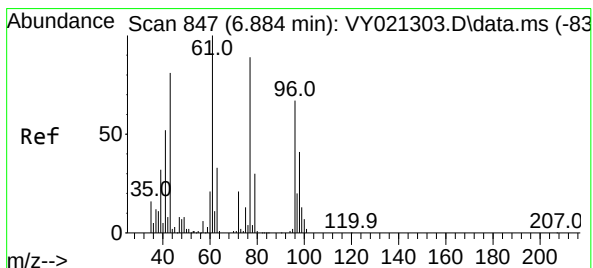
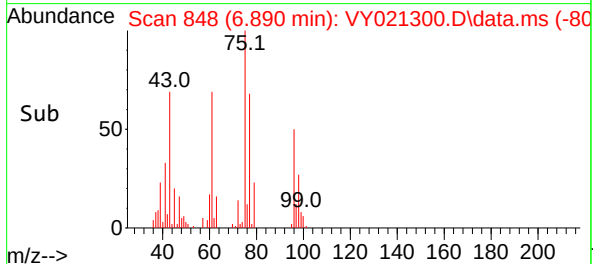
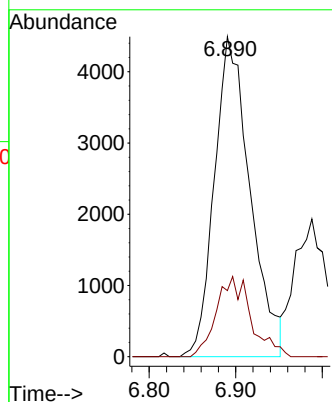
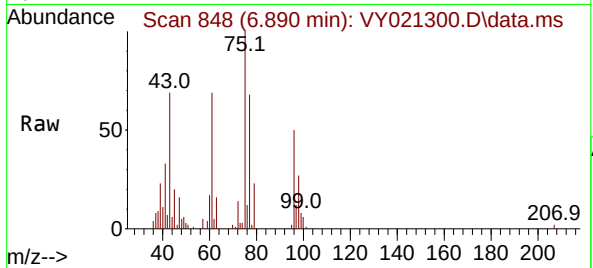




#25
2-Butanone
Concen: 29.025 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

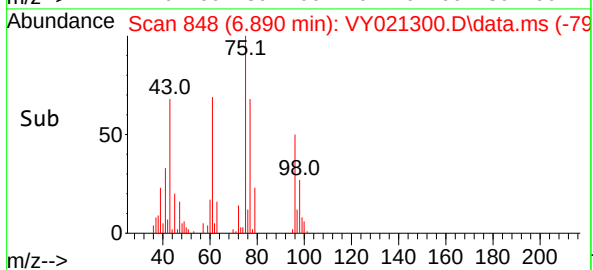
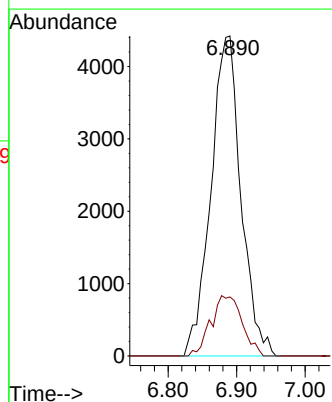
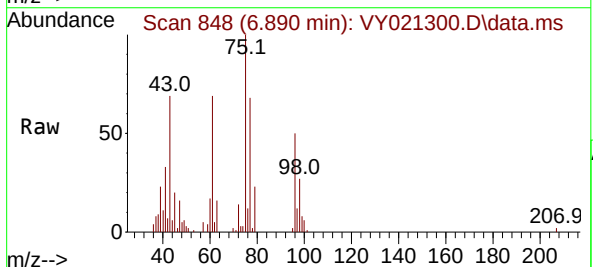
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

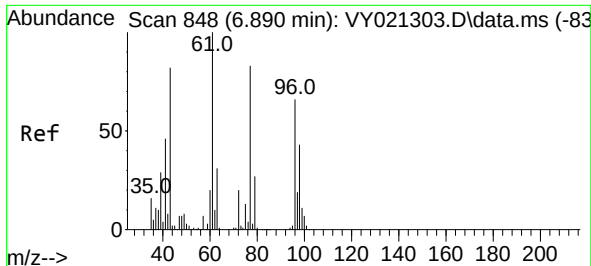
Tgt Ion: 43 Resp: 12871
Ion Ratio Lower Upper
43 100
72 20.7 20.9 31.3#



#26
2,2-Dichloropropane
Concen: 5.544 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 77 Resp: 13472
Ion Ratio Lower Upper
77 100
97 19.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 5.087 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

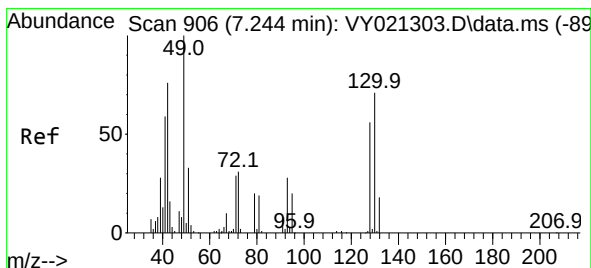
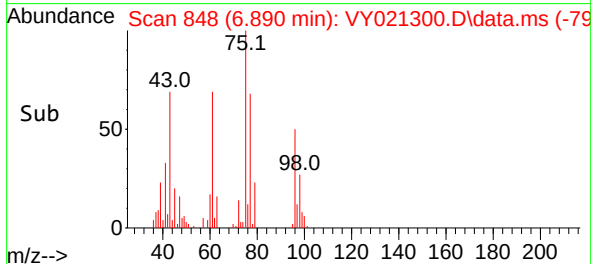
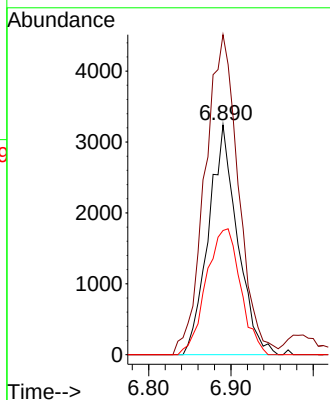
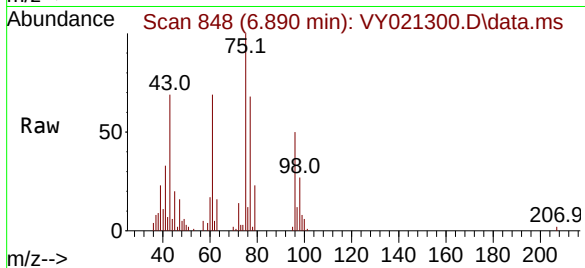
Tgt Ion: 96 Resp: 7938

Ion Ratio Lower Upper

96 100

61 161.1 0.0 303.6

98 64.8 0.0 128.0



#28

Bromochloromethane

Concen: 4.933 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

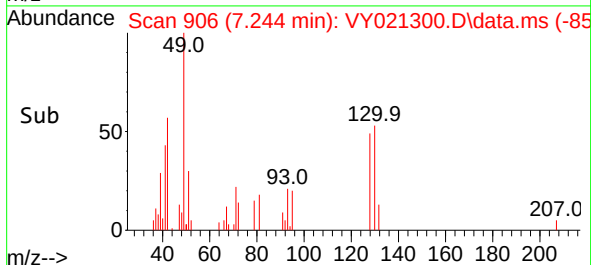
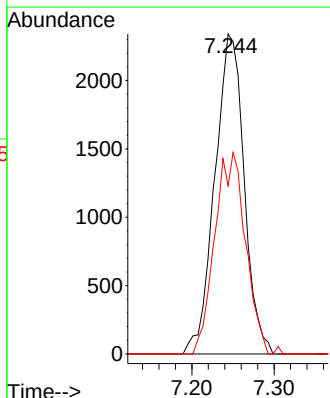
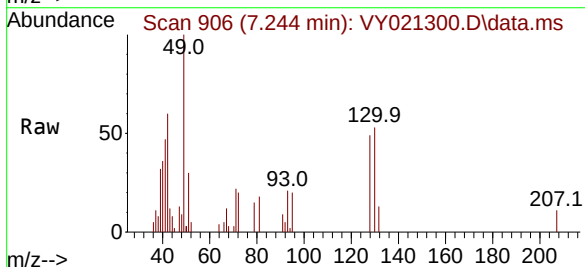
Tgt Ion: 49 Resp: 5800

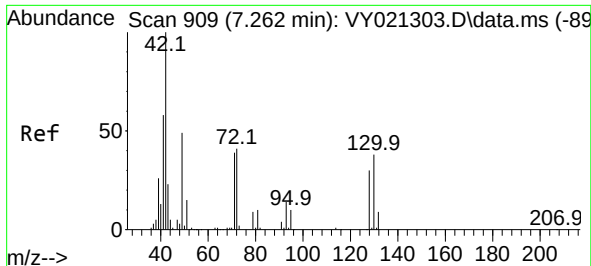
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 65.9 56.8 85.2





#29

Tetrahydrofuran

Concen: 25.244 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

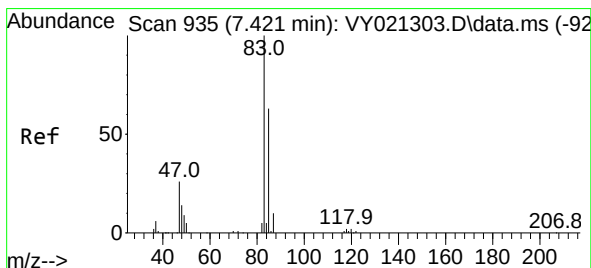
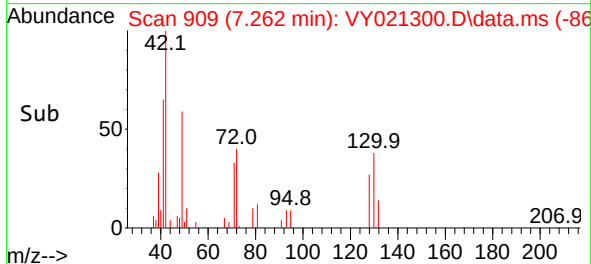
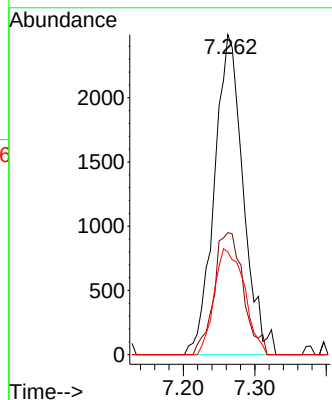
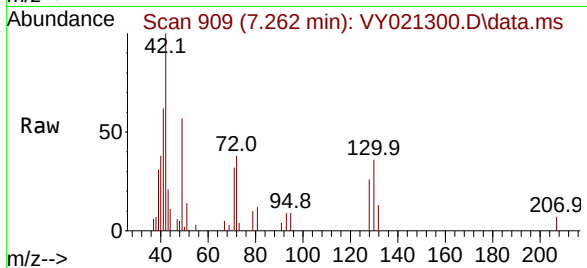
Tgt Ion: 42 Resp: 6977

Ion Ratio Lower Upper

42 100

72 38.8 32.6 48.8

71 34.6 29.9 44.9



#30

Chloroform

Concen: 5.225 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021300.D

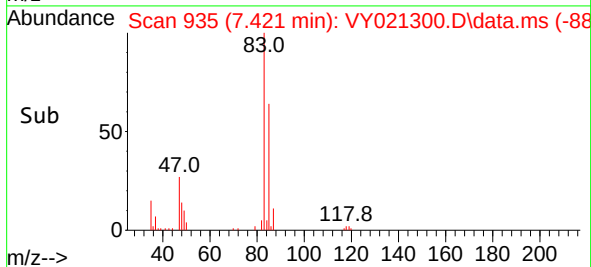
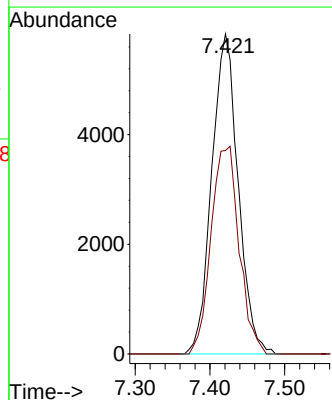
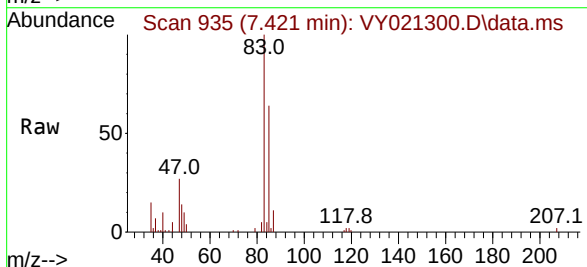
Acq: 24 Feb 2025 15:06

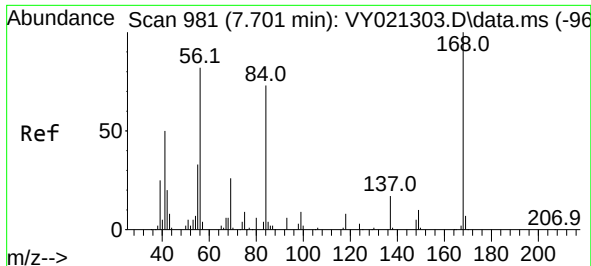
Tgt Ion: 83 Resp: 14323

Ion Ratio Lower Upper

83 100

85 63.6 50.1 75.1

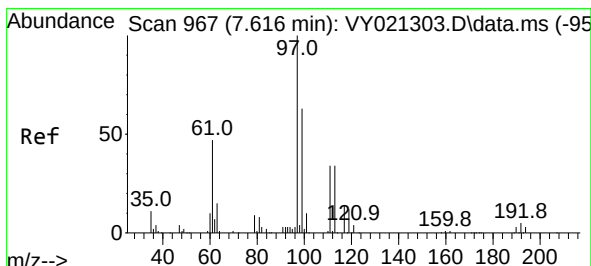
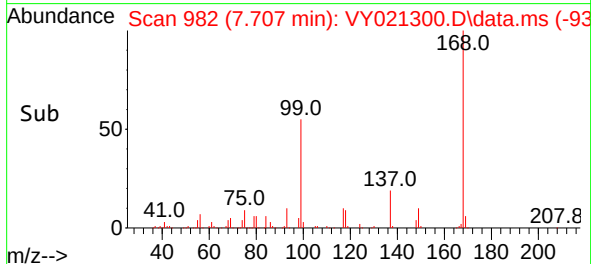
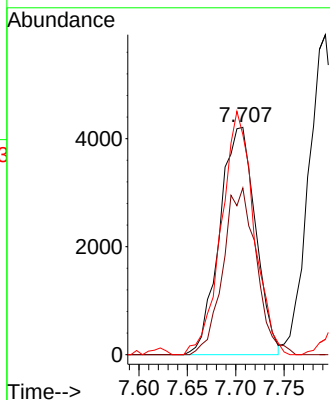
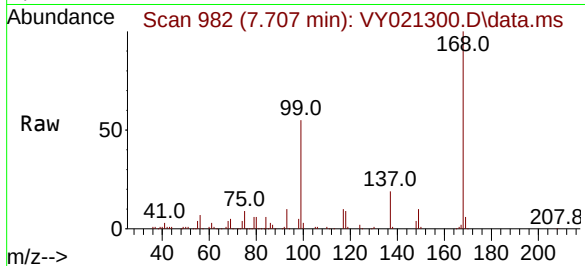




#31
Cyclohexane
Concen: 5.416 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

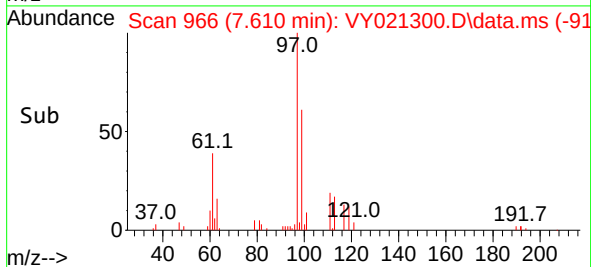
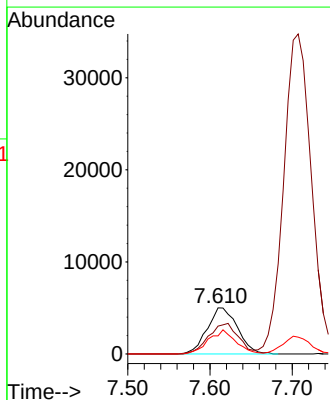
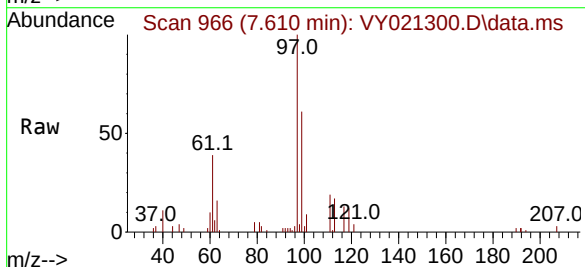
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

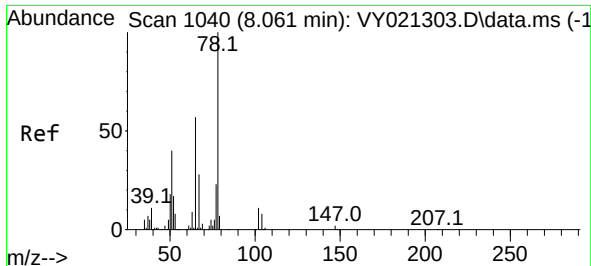
Tgt Ion: 56 Resp: 10870
Ion Ratio Lower Upper
56 100
69 73.3 25.8 38.6#
84 96.8 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 5.242 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 97 Resp: 12827
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 46.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 4.773 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

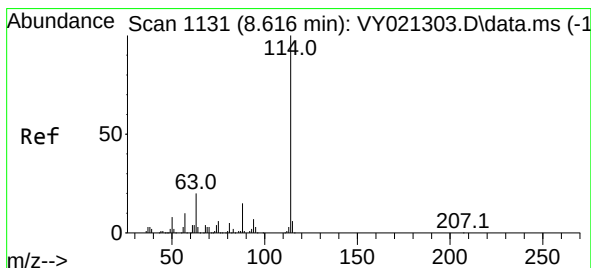
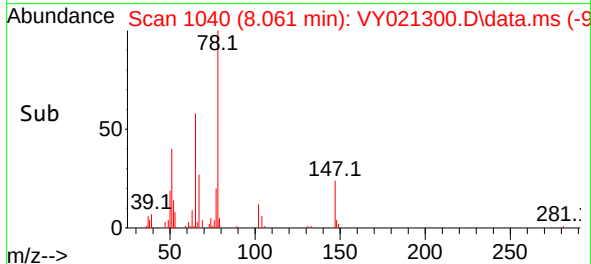
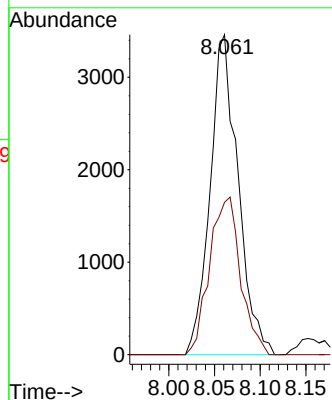
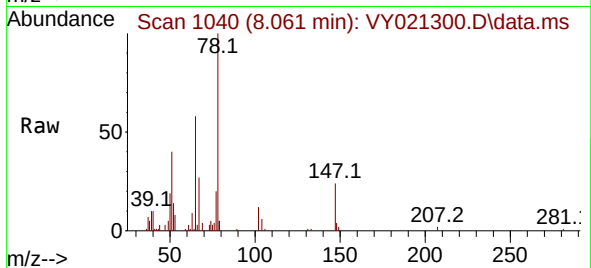
VSTDICC005

Tgt Ion: 65 Resp: 7372

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

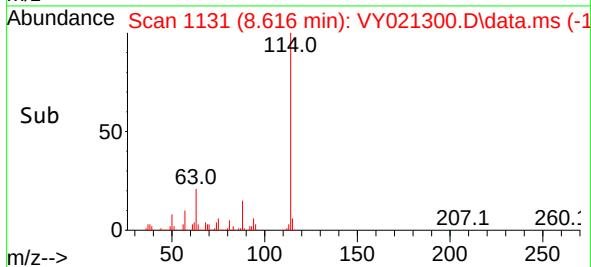
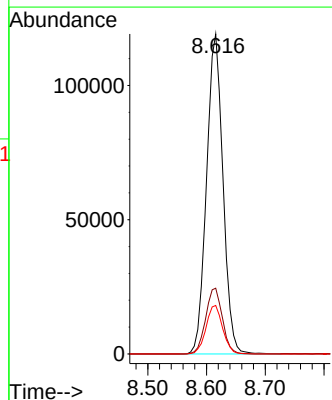
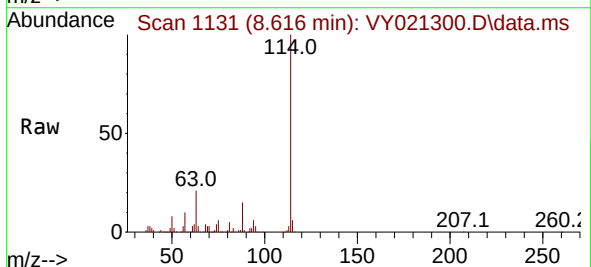
Tgt Ion: 114 Resp: 231277

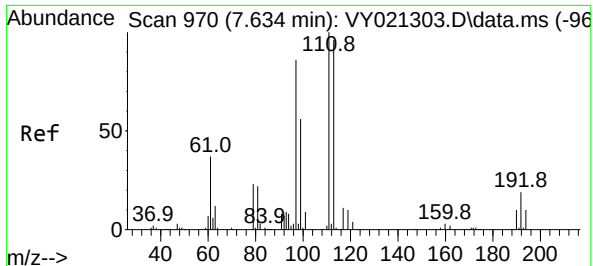
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 4.684 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

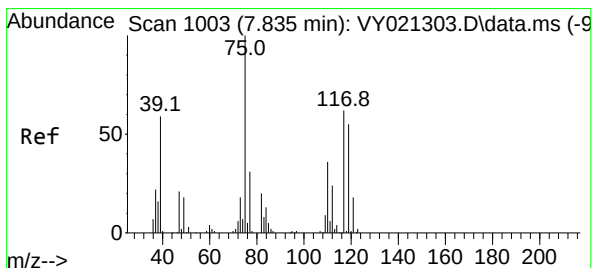
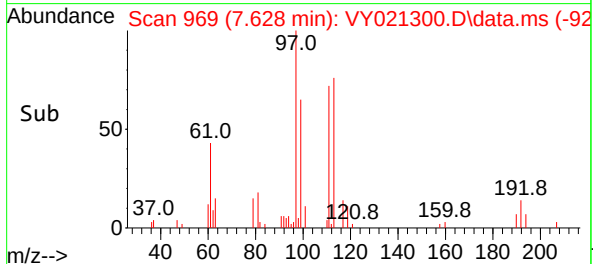
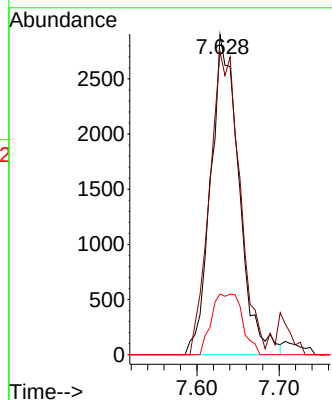
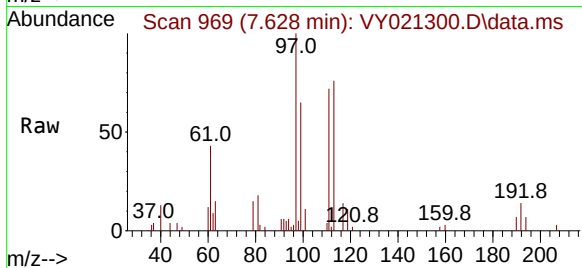
Tgt Ion:113 Resp: 6923

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

192 20.7 15.8 23.8



#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

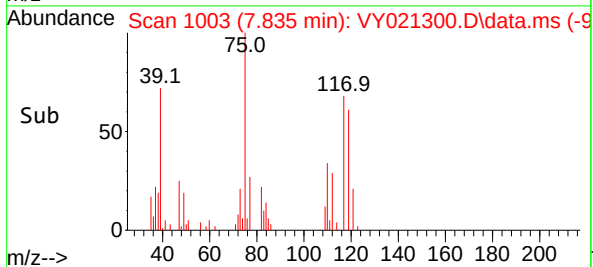
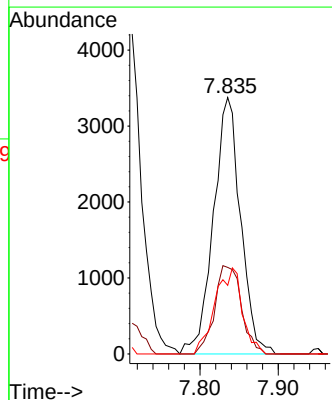
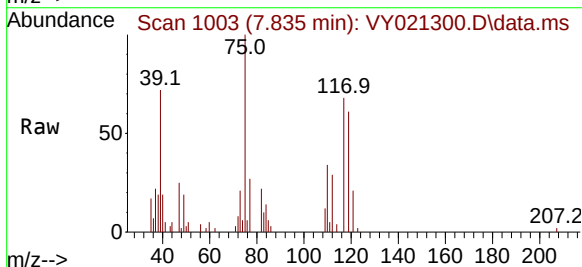
Tgt Ion: 75 Resp: 8128

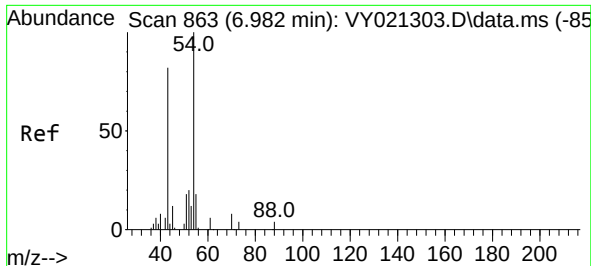
Ion Ratio Lower Upper

75 100

110 33.9 17.0 50.9

77 33.6 25.0 37.6





#37

Ethyl Acetate

Concen: 4.988 ug/l

RT: 6.988 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

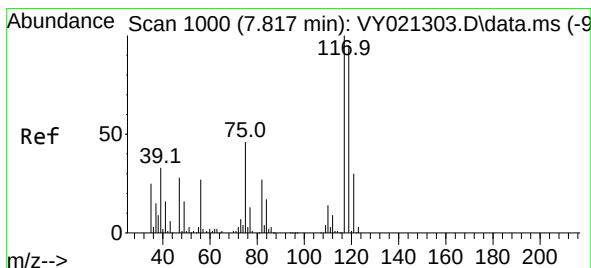
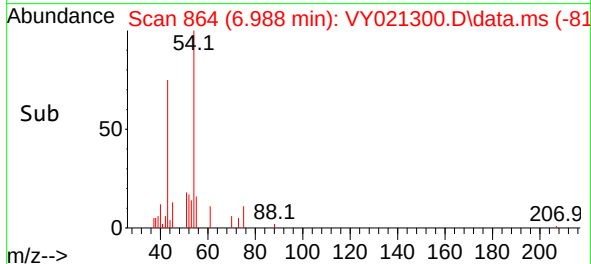
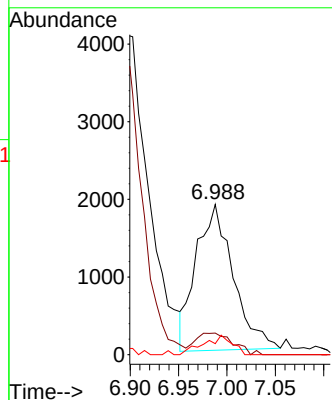
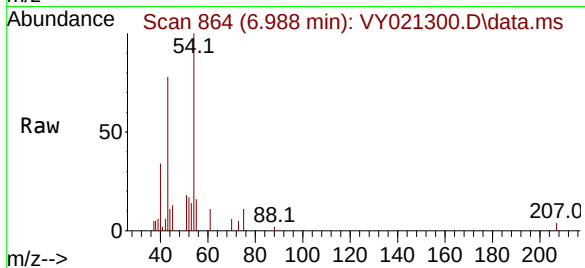
Tgt Ion: 43 Resp: 5010

Ion Ratio Lower Upper

43 100

61 15.0 10.5 15.7

70 10.2 7.4 11.0



#38

Carbon Tetrachloride

Concen: 4.922 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

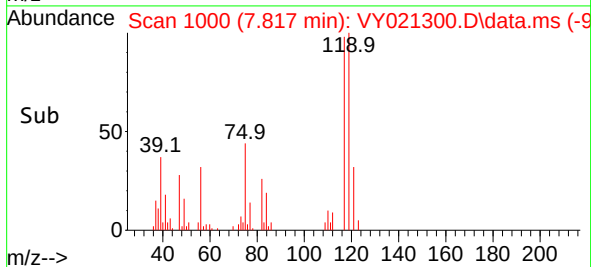
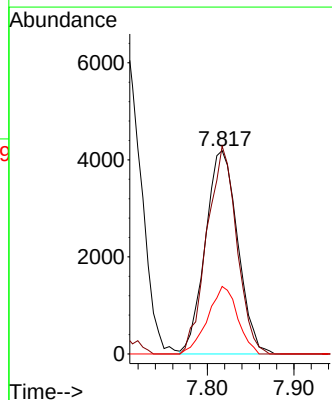
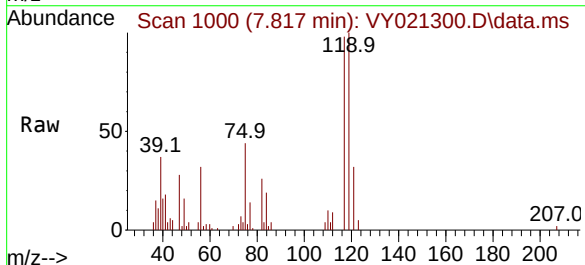
Tgt Ion: 117 Resp: 10882

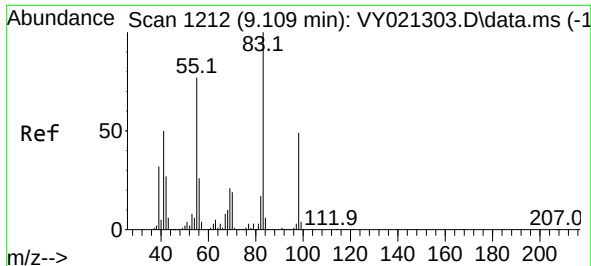
Ion Ratio Lower Upper

117 100

119 102.2 76.0 114.0

121 33.2 23.9 35.9

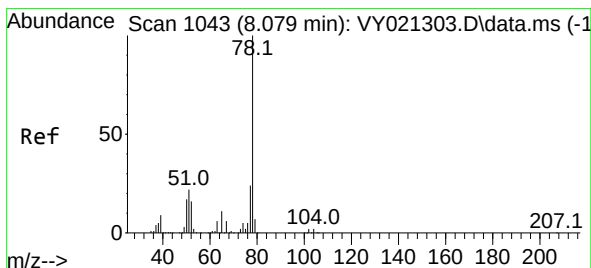
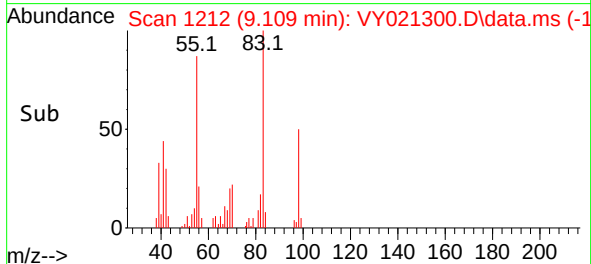
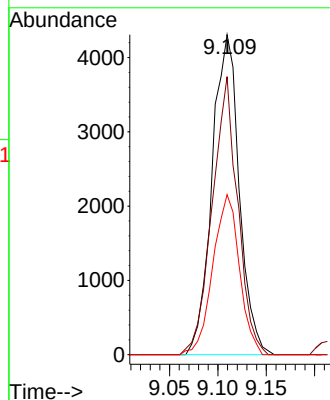
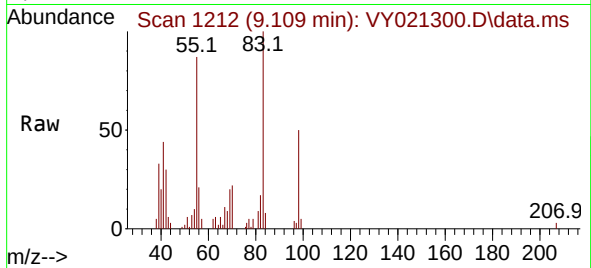




#39
Methylcyclohexane
Concen: 4.071 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

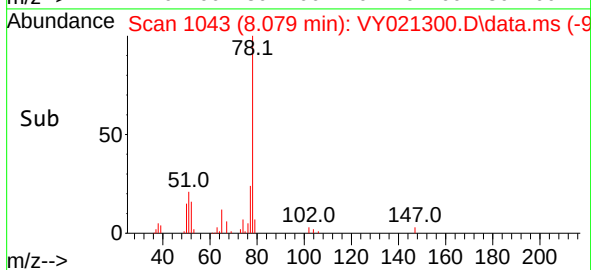
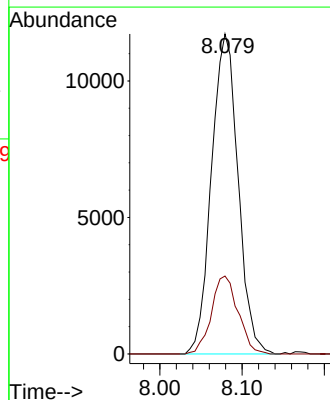
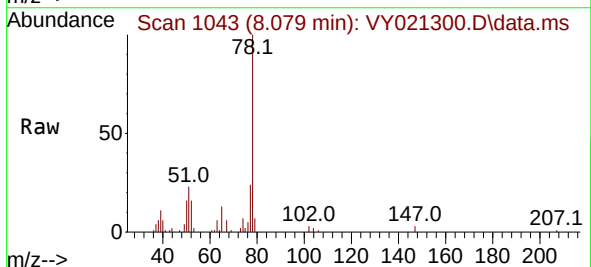
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

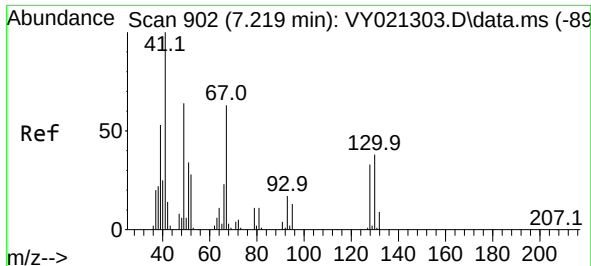
Tgt Ion: 83 Resp: 8421
Ion Ratio Lower Upper
83 100
55 86.9 61.8 92.8
98 50.0 39.2 58.8



#40
Benzene
Concen: 4.739 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 78 Resp: 26319
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

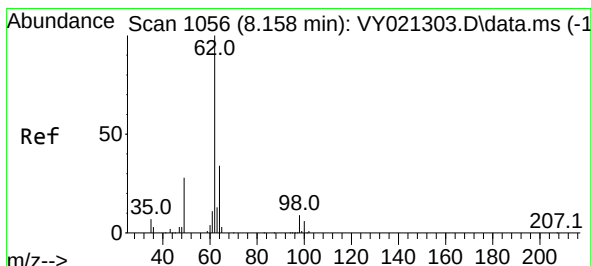
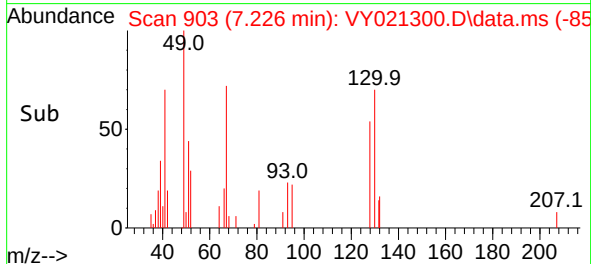
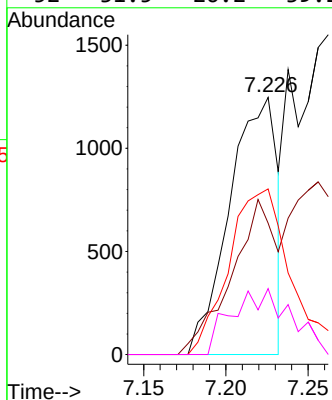
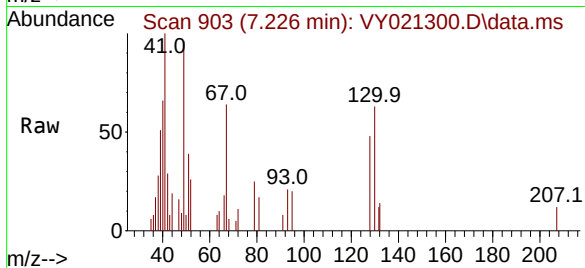




#41
Methacrylonitrile
Concen: 4.716 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

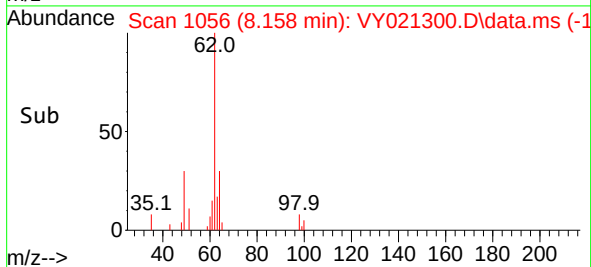
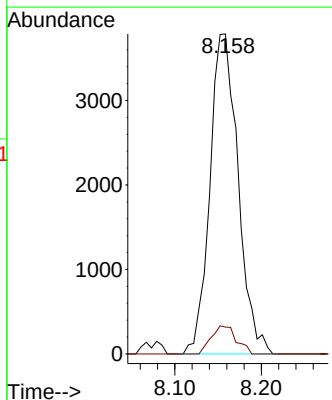
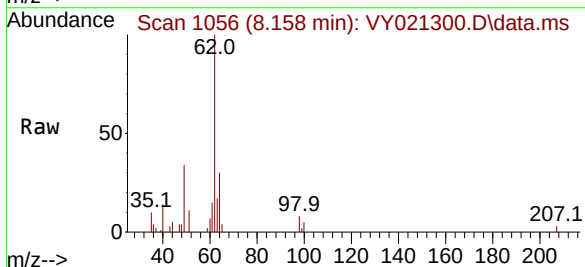
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

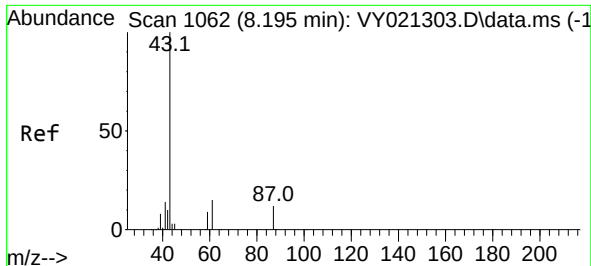
Tgt Ion:	41	Resp:	2521
Ion	Ratio	Lower	Upper
41	100		
39	55.6	50.1	75.1
67	86.9	59.3	88.9
52	31.5	26.2	39.2



#42
1,2-Dichloroethane
Concen: 5.051 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion:	62	Resp:	8566
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	18.0





#43

Isopropyl Acetate

Concen: 5.039 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

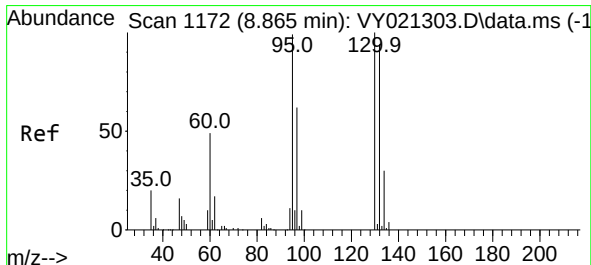
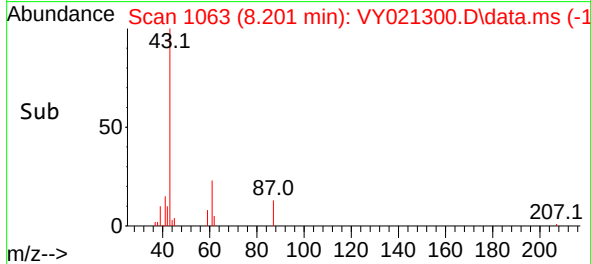
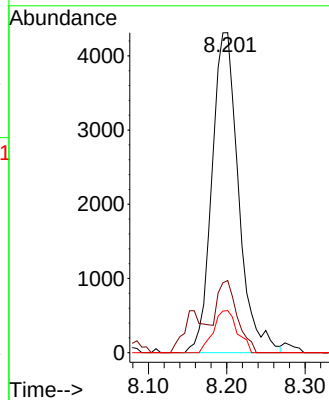
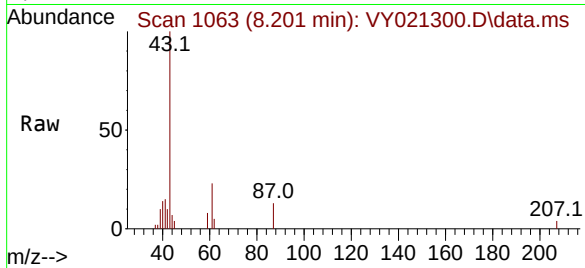
Tgt Ion: 43 Resp: 10193

Ion Ratio Lower Upper

43 100

61 17.9 22.2 33.2#

87 11.8 9.8 14.8



#44

Trichloroethene

Concen: 4.839 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021300.D

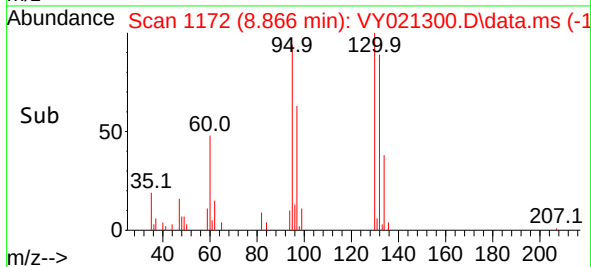
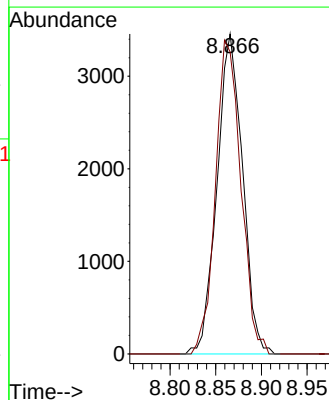
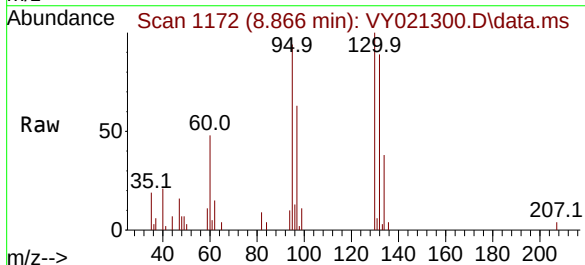
Acq: 24 Feb 2025 15:06

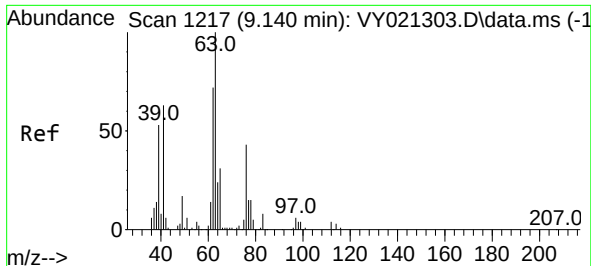
Tgt Ion:130 Resp: 6720

Ion Ratio Lower Upper

130 100

95 94.3 0.0 197.0





#45

1,2-Dichloropropane

Concen: 5.295 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

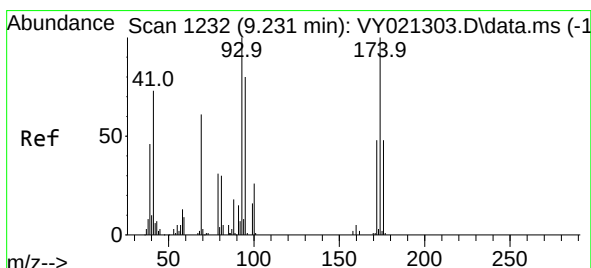
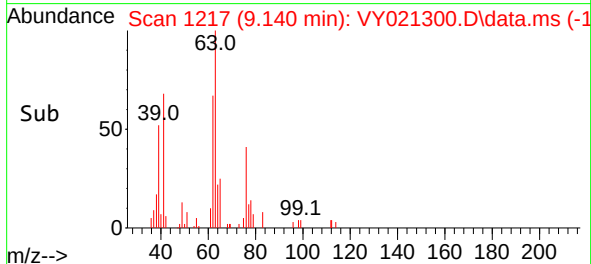
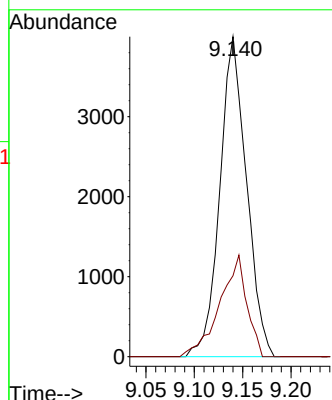
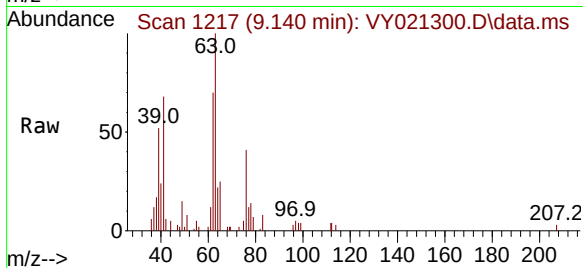
VSTDIC005

Tgt Ion: 63 Resp: 7666

Ion Ratio Lower Upper

63 100

65 25.3 24.8 37.2



#46

Dibromomethane

Concen: 5.001 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

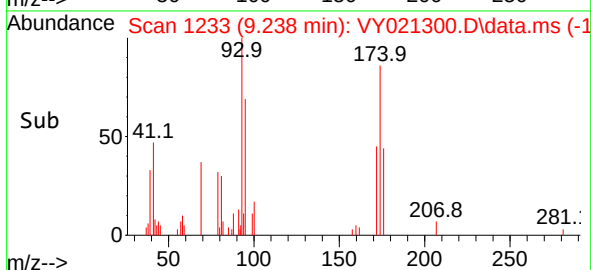
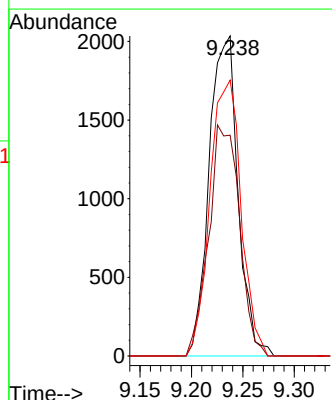
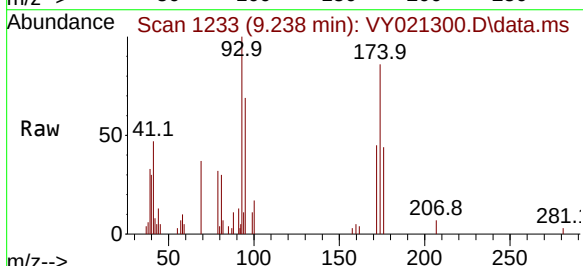
Tgt Ion: 93 Resp: 3961

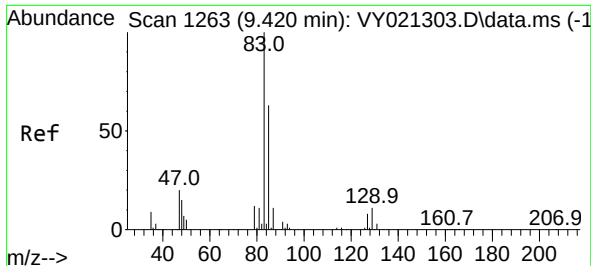
Ion Ratio Lower Upper

93 100

95 77.0 65.7 98.5

174 93.1 77.4 116.2

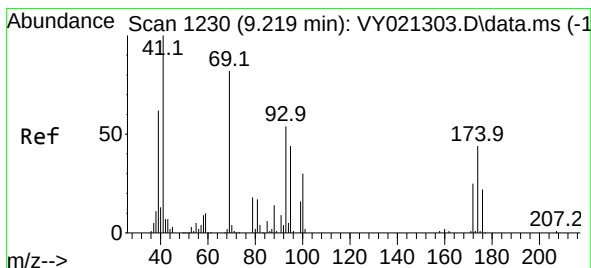
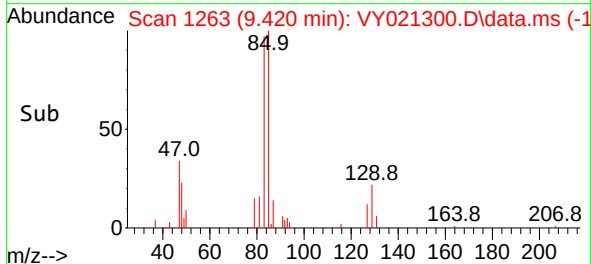
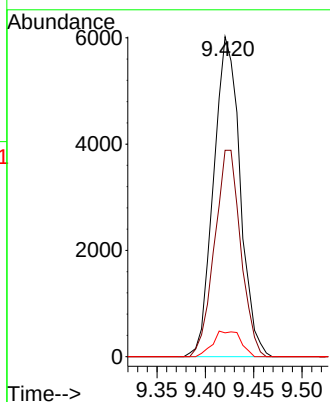
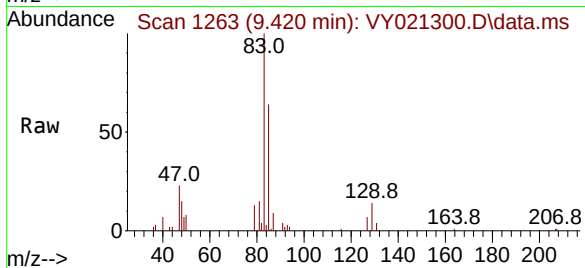




#47
Bromodichloromethane
Concen: 5.194 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

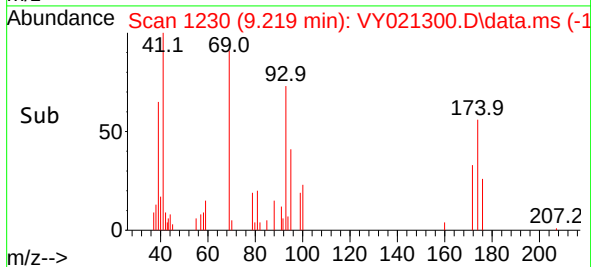
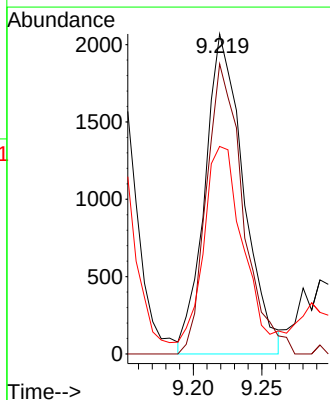
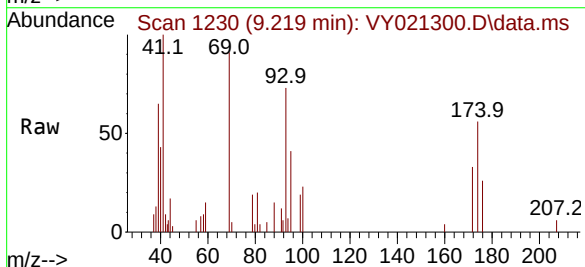
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

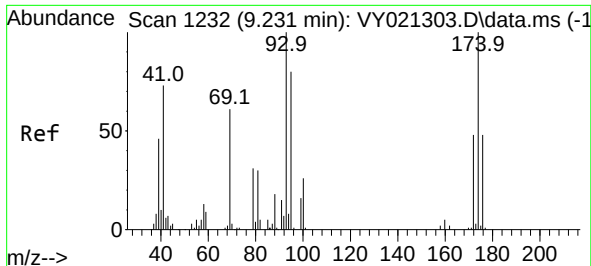
Tgt Ion:	83	Resp:	11441
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.7	76.1
127	7.4	6.8	10.2



#48
Methyl methacrylate
Concen: 4.399 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion:	41	Resp:	4043
Ion	Ratio	Lower	Upper
41	100		
69	86.3	64.6	97.0
39	67.1	47.9	71.9





#49

1,4-Dioxane

Concen: 97.406 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

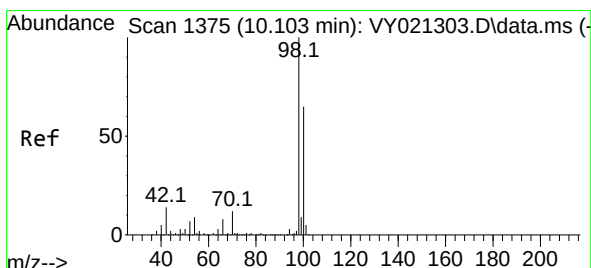
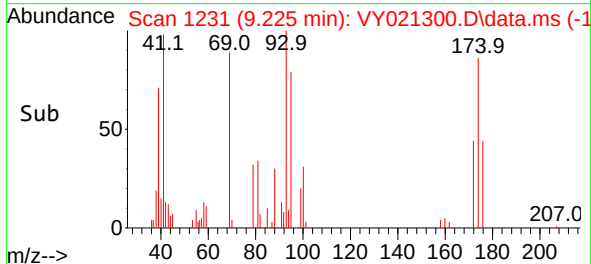
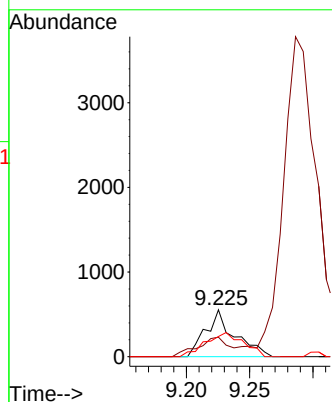
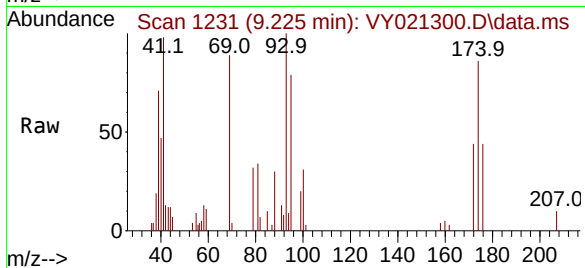
Tgt Ion: 88 Resp: 878

Ion Ratio Lower Upper

88 100

43 49.0 33.2 49.8

58 67.2 57.8 86.8



#50

Toluene-d8

Concen: 4.413 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021300.D

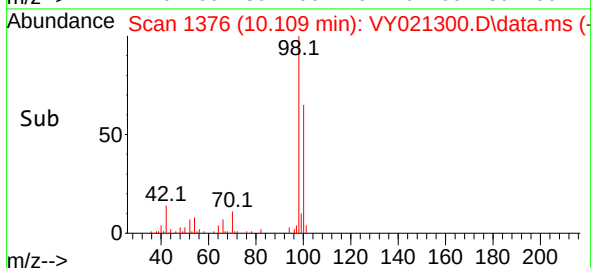
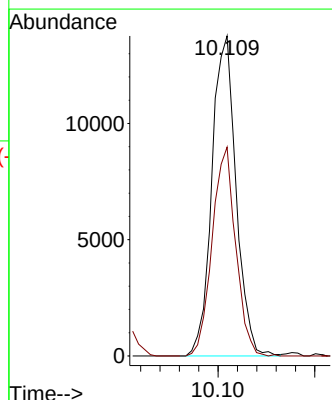
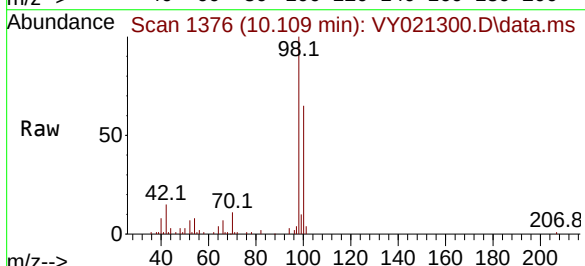
Acq: 24 Feb 2025 15:06

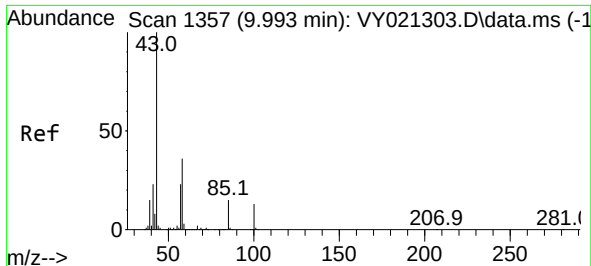
Tgt Ion: 98 Resp: 23895

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2

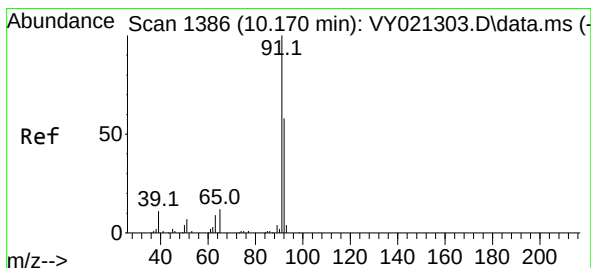
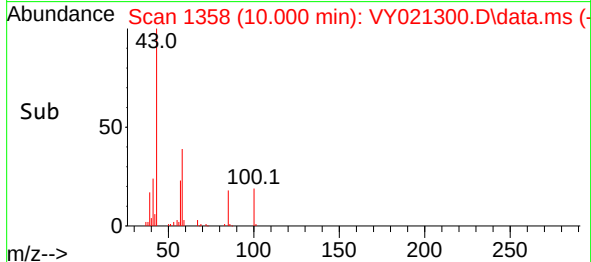
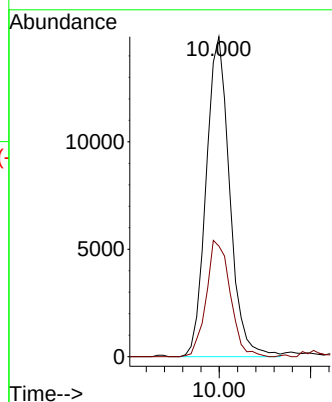
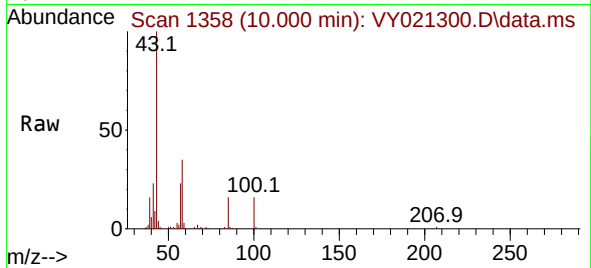




#51
4-Methyl-2-Pentanone
Concen: 24.749 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

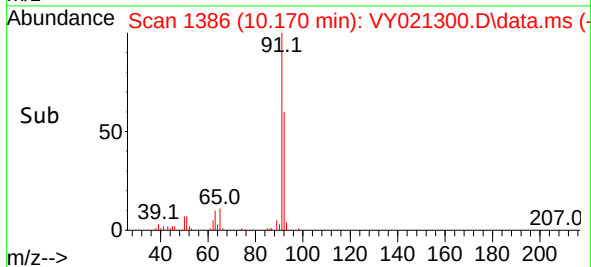
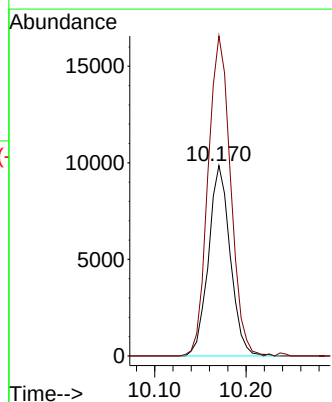
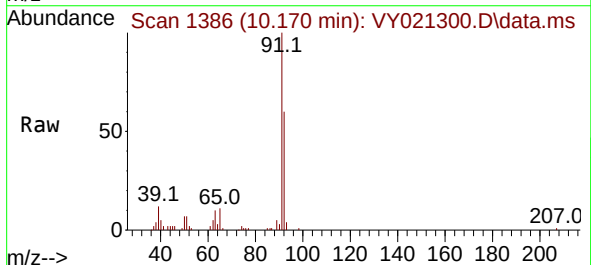
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

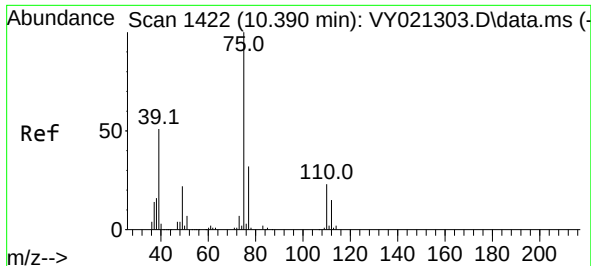
Tgt Ion: 43 Resp: 26609
Ion Ratio Lower Upper
43 100
58 36.9 29.7 44.5



#52
Toluene
Concen: 4.592 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 92 Resp: 16266
Ion Ratio Lower Upper
92 100
91 174.4 138.3 207.5

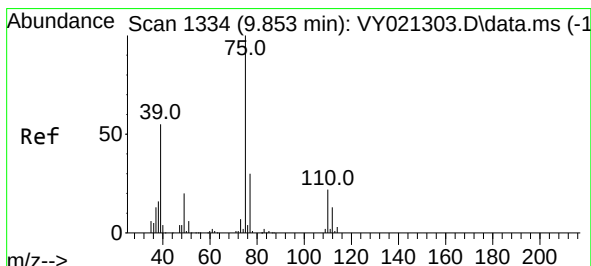
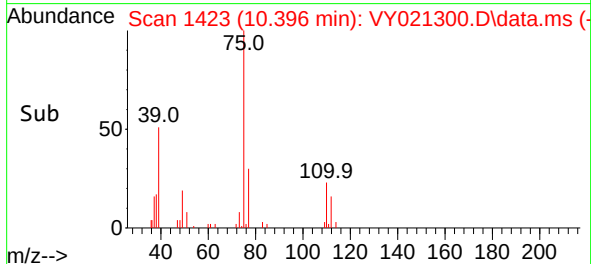
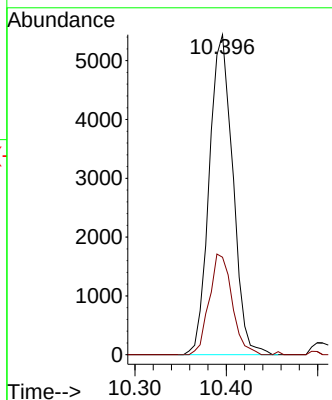
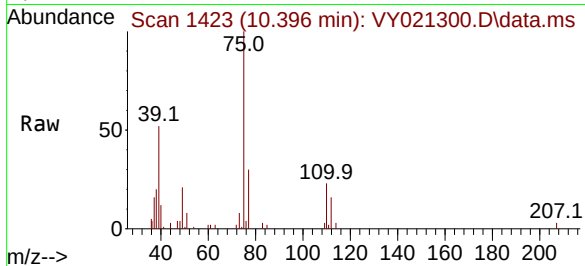




#53
 t-1,3-Dichloropropene
 Concen: 4.915 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

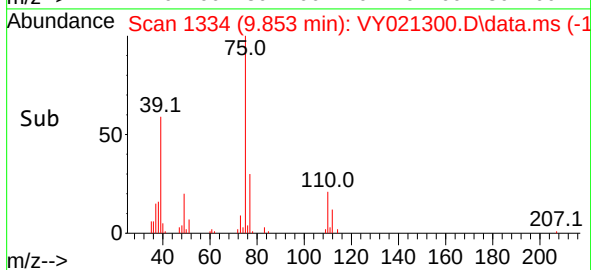
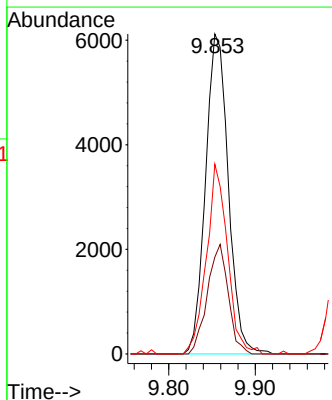
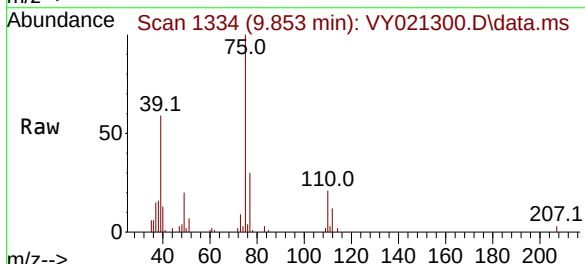
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

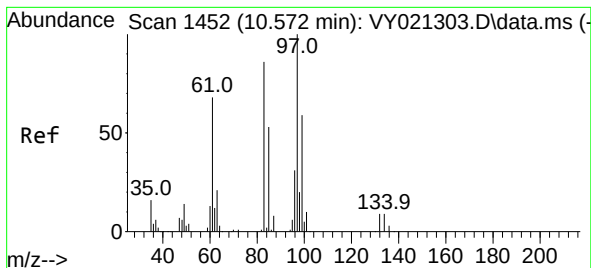
Tgt Ion: 75 Resp: 9734
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.963 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

Tgt Ion: 75 Resp: 11160
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.0 36.0
 39 59.3 44.1 66.1

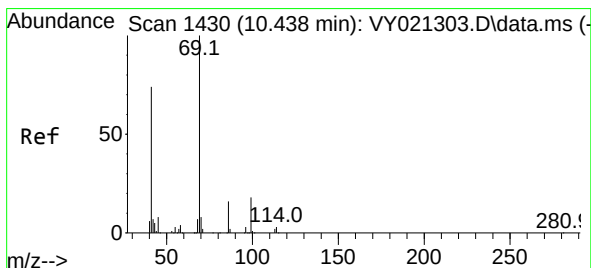
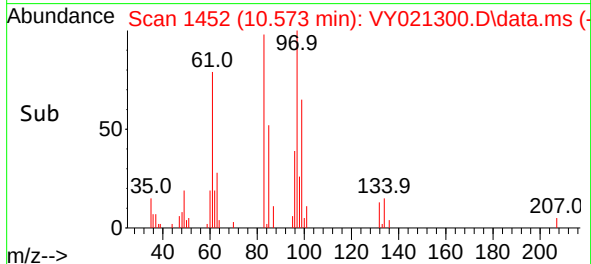
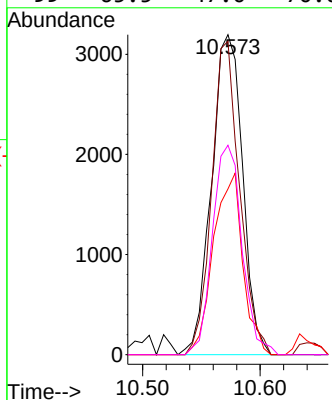
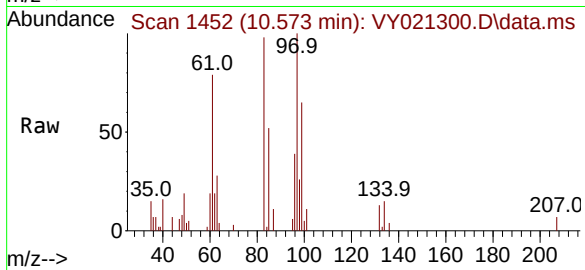




#55
1,1,2-Trichloroethane
Concen: 5.319 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

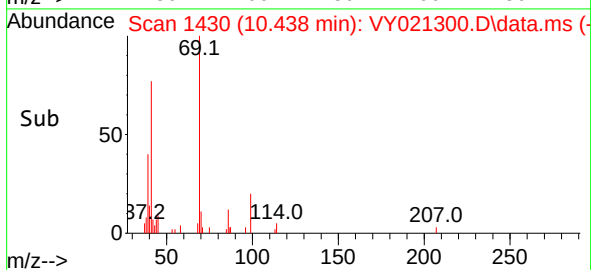
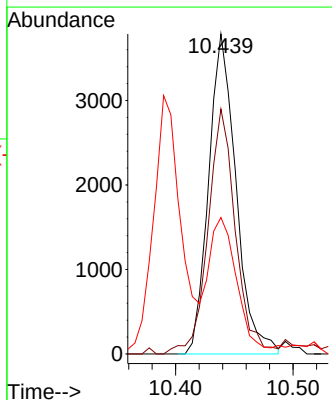
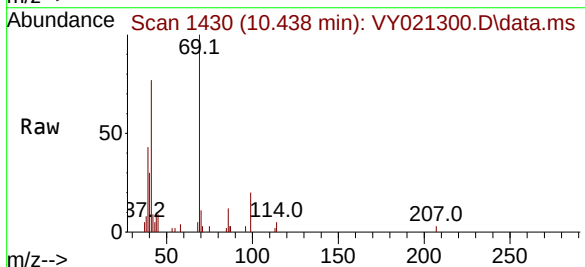
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

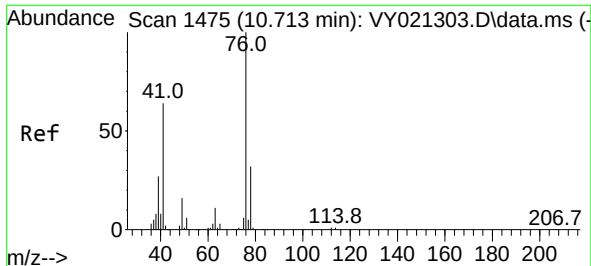
Tgt Ion: 97	Resp: 5853
Ion Ratio	Lower Upper
97 100	
83 98.0	68.5 102.7
85 51.8	42.5 63.7
99 65.5	47.0 70.6



#56
Ethyl methacrylate
Concen: 4.272 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 69	Resp: 6141		
Ion Ratio	Lower	Upper	
69 100			
41 76.8	58.0	87.0	
39 40.7	35.4	53.0	

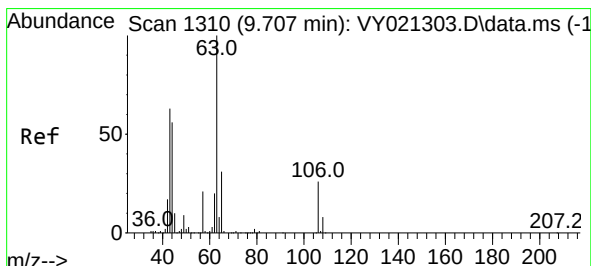
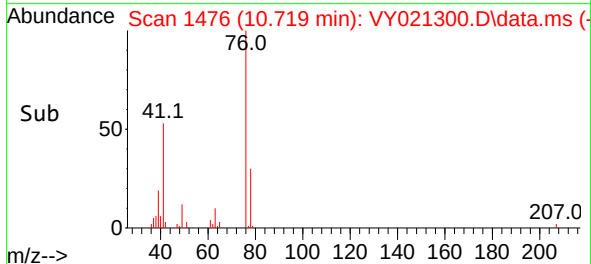
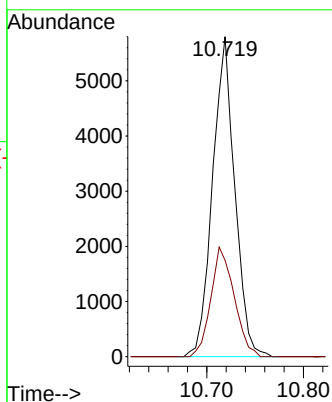
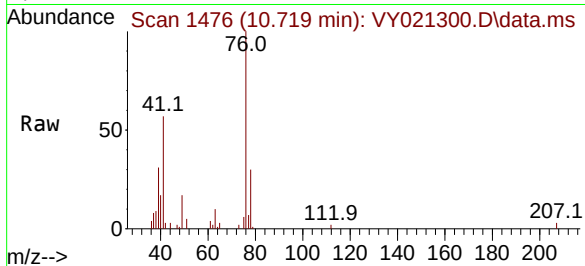




#57
1,3-Dichloropropane
Concen: 4.959 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

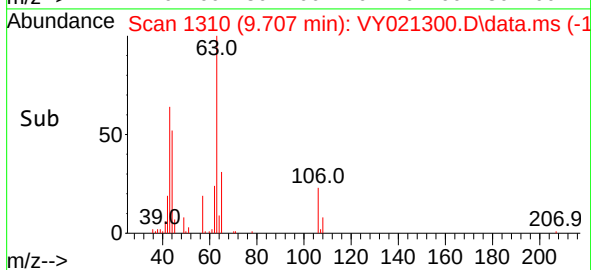
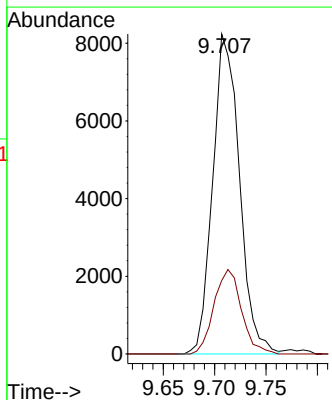
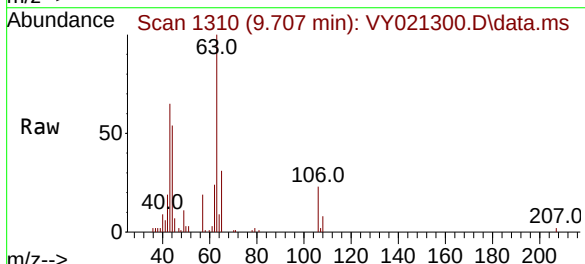
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

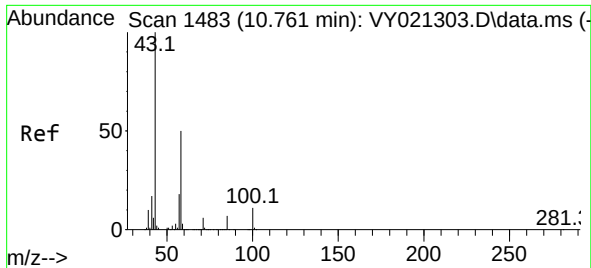
Tgt Ion: 76 Resp: 9243
Ion Ratio Lower Upper
76 100
78 36.0 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 20.650 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 63 Resp: 14874
Ion Ratio Lower Upper
63 100
106 27.1 21.8 32.6

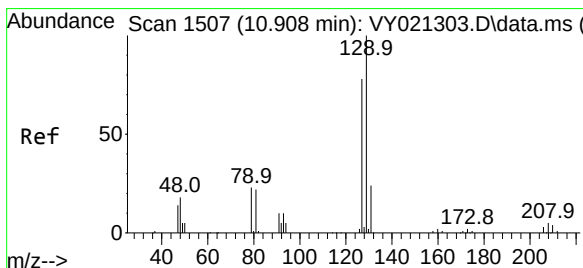
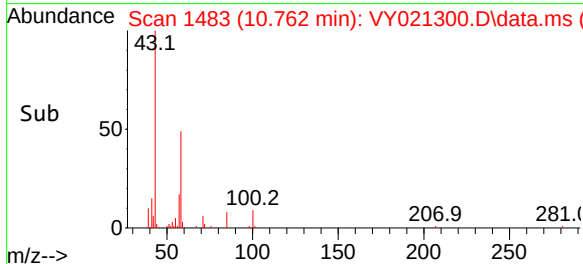
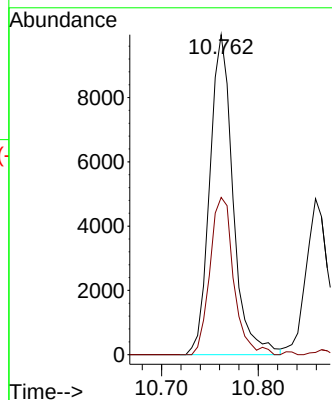
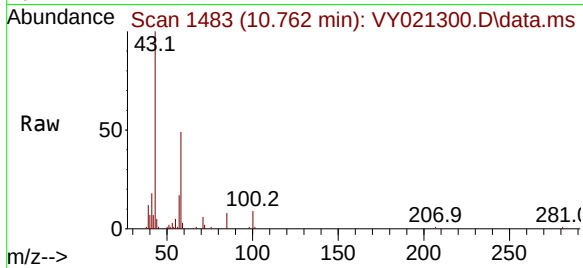




#59
2-Hexanone
Concen: 23.570 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

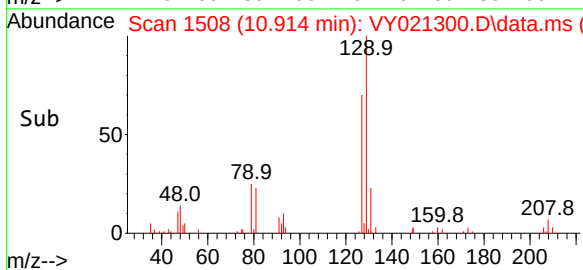
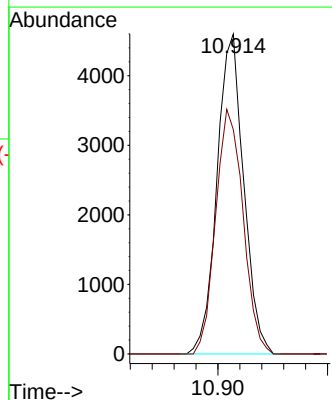
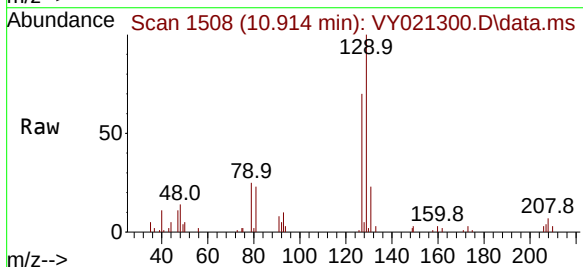
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

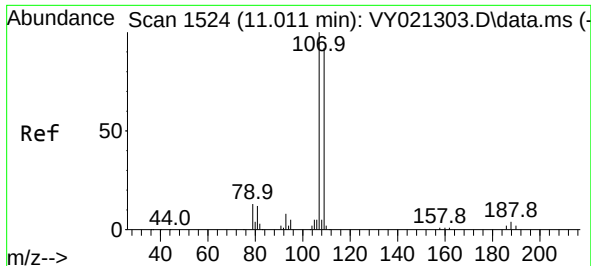
Tgt Ion: 43 Resp: 16611
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.4



#60
Dibromochloromethane
Concen: 5.181 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 129 Resp: 7780
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7

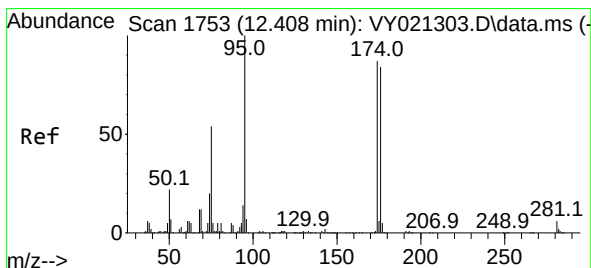
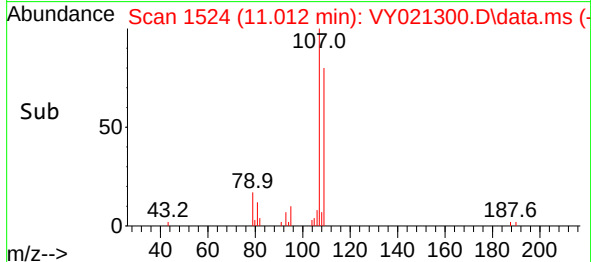
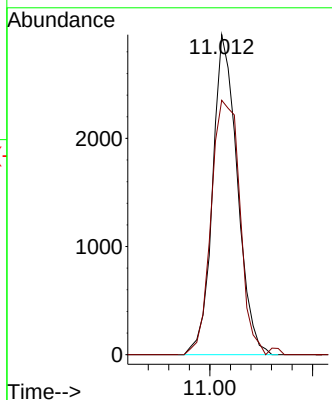
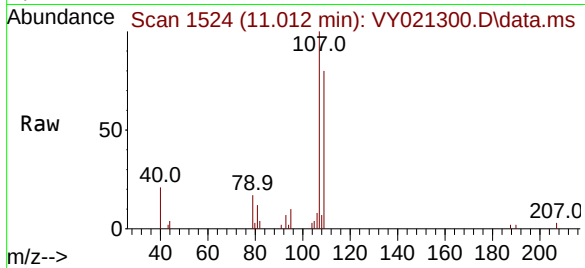




#61
1,2-Dibromoethane
Concen: 5.028 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

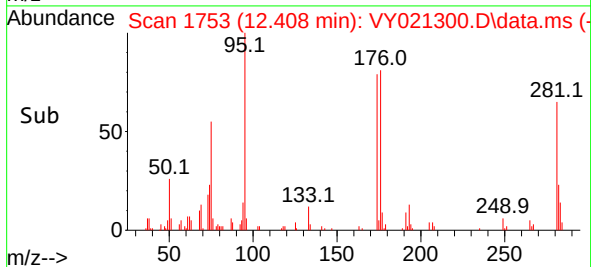
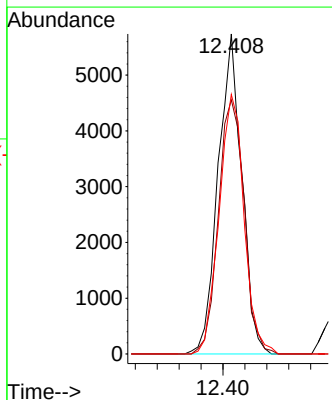
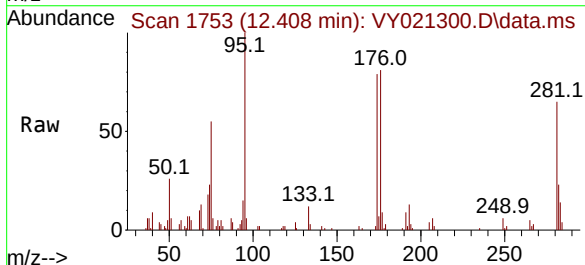
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

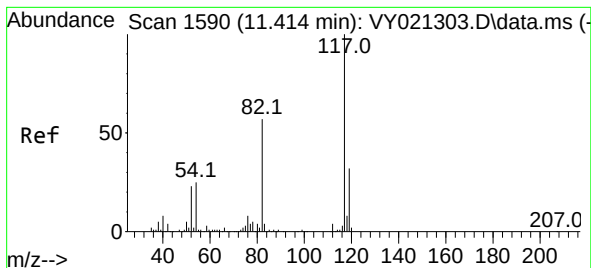
Tgt Ion:107 Resp: 4930
Ion Ratio Lower Upper
107 100
109 93.0 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 4.592 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 95 Resp: 8587
Ion Ratio Lower Upper
95 100
174 86.8 0.0 168.2
176 85.6 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

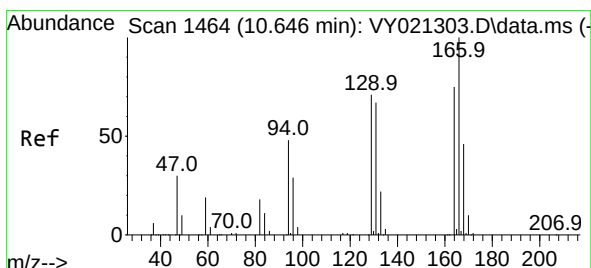
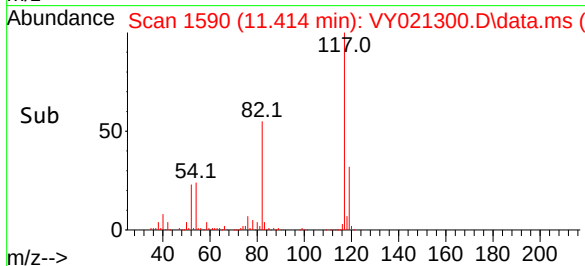
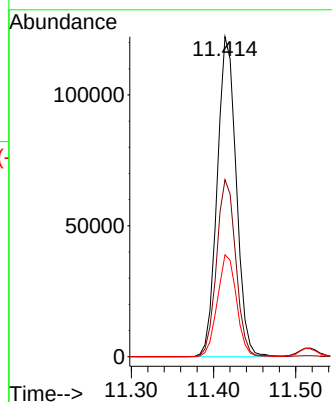
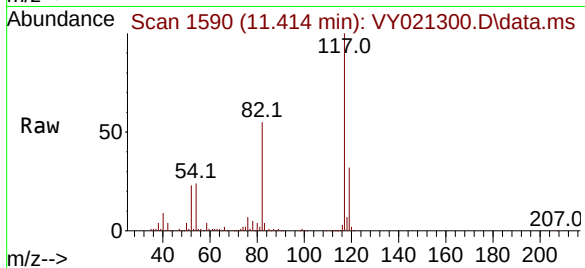
Tgt Ion:117 Resp: 196998

Ion Ratio Lower Upper

117 100

82 55.3 45.6 68.4

119 31.8 25.4 38.2



#64

Tetrachloroethene

Concen: 5.042 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Tgt Ion:164 Resp: 6185

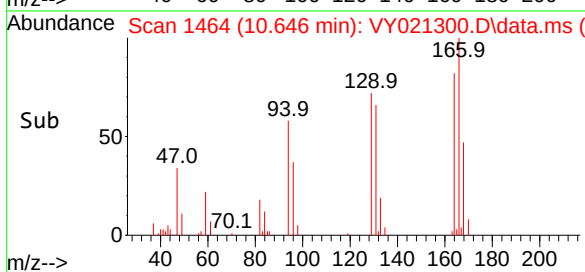
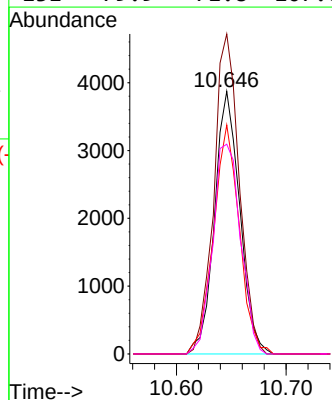
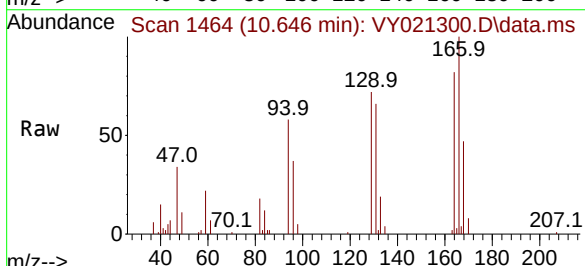
Ion Ratio Lower Upper

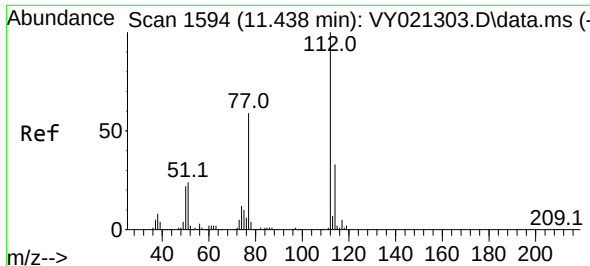
164 100

166 121.9 106.5 159.7

129 87.2 75.2 112.8

131 79.9 71.8 107.6

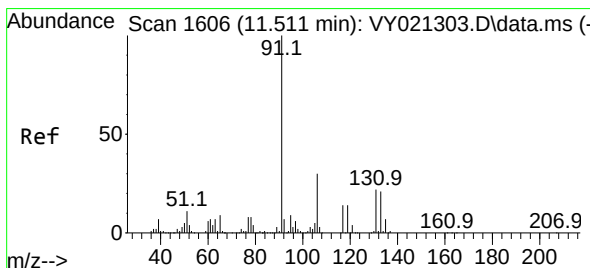
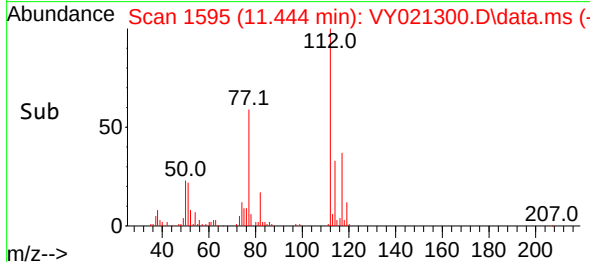
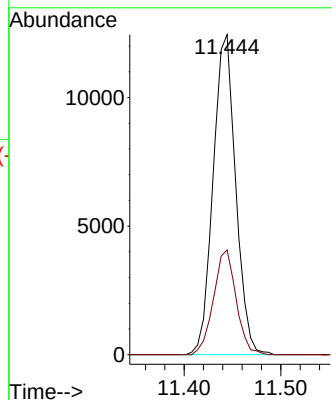
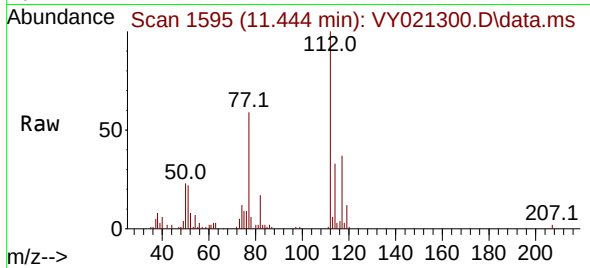




#65
Chlorobenzene
Concen: 5.164 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

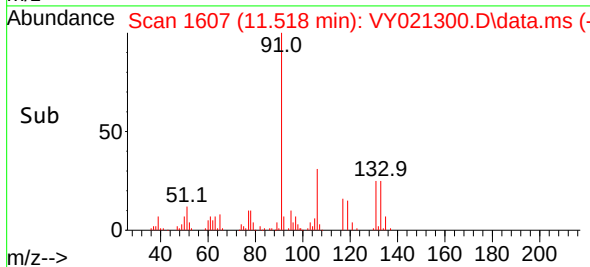
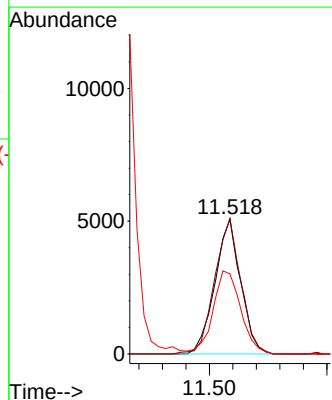
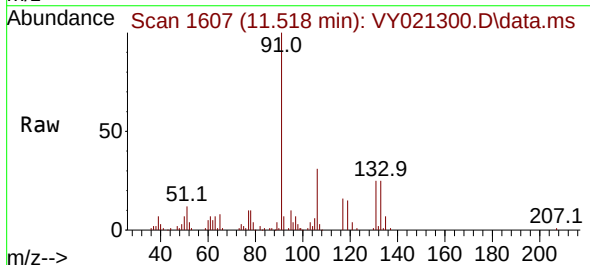
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

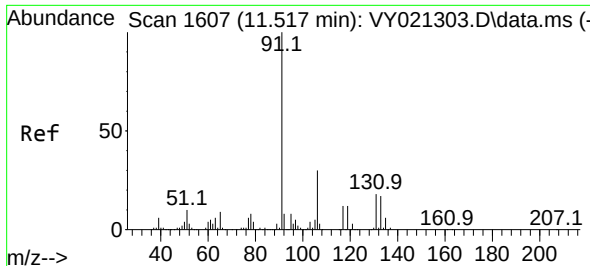
Tgt Ion:112 Resp: 20173
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 5.263 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion:131 Resp: 7699
Ion Ratio Lower Upper
131 100
133 101.9 48.3 144.9
119 66.4 32.3 96.9

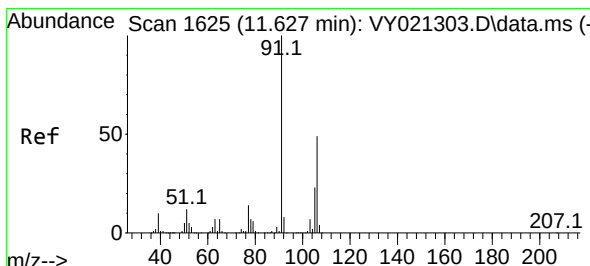
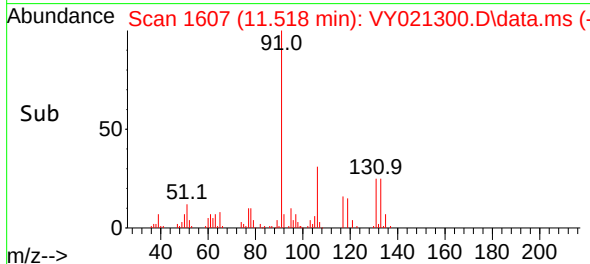
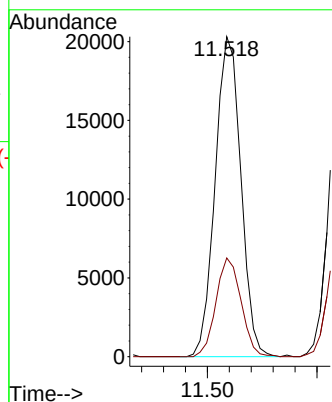
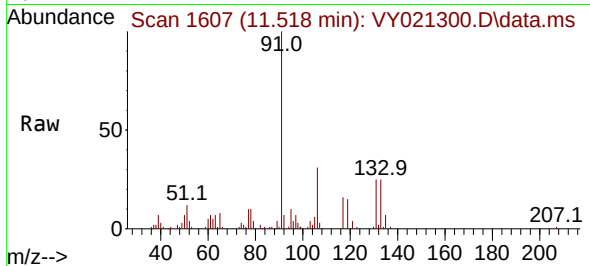




#67
Ethyl Benzene
Concen: 4.838 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

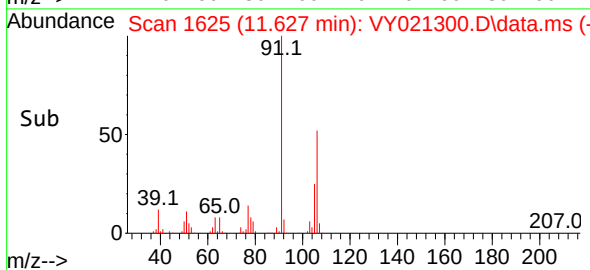
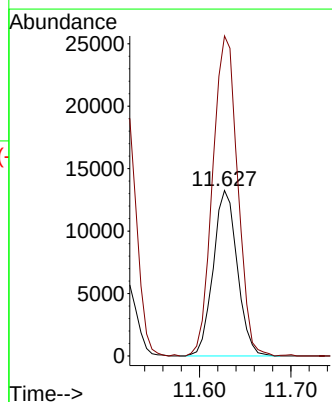
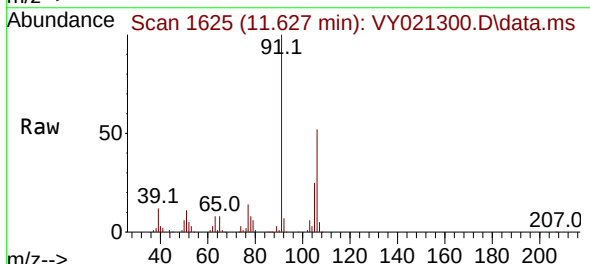
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

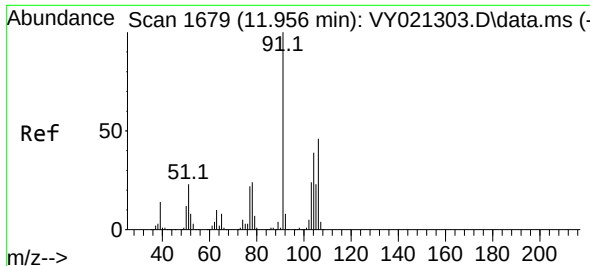
Tgt Ion: 91 Resp: 33131
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4



#68
m/p-Xylenes
Concen: 9.550 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 106 Resp: 24251
Ion Ratio Lower Upper
106 100
91 200.6 164.0 246.0

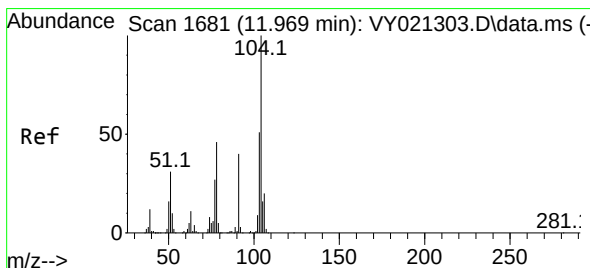
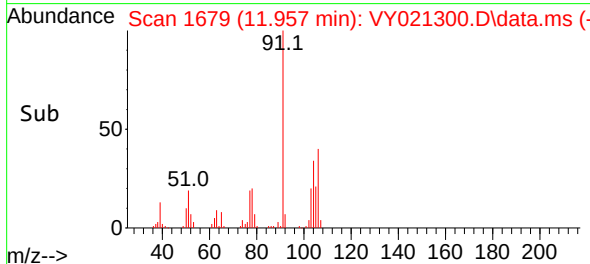
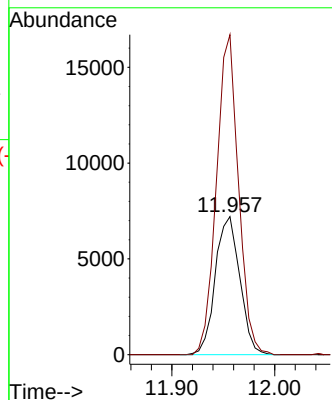
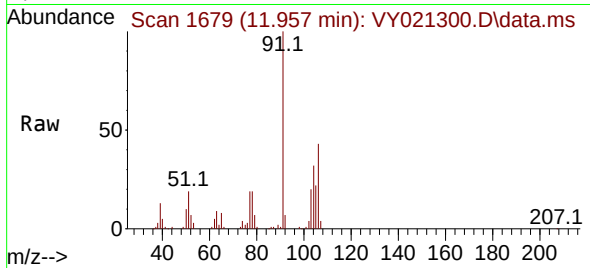




#69
o-Xylene
Concen: 4.890 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

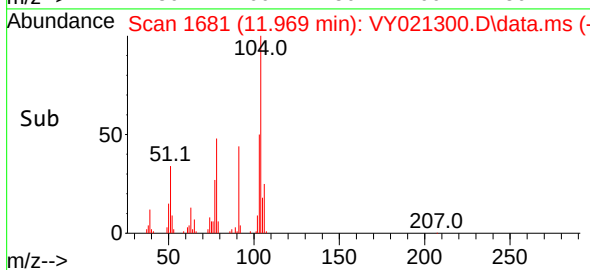
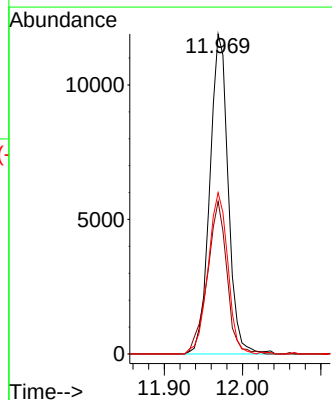
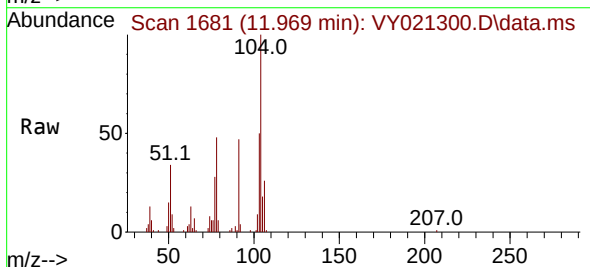
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

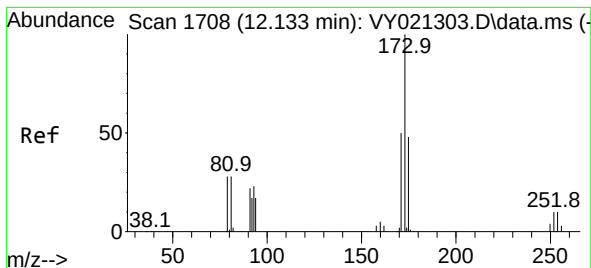
Tgt Ion:106 Resp: 11945
Ion Ratio Lower Upper
106 100
91 208.0 108.8 326.4



#70
Styrene
Concen: 4.677 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion:104 Resp: 19378
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 54.1 44.2 66.4





#71

Bromoform

Concen: 5.161 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

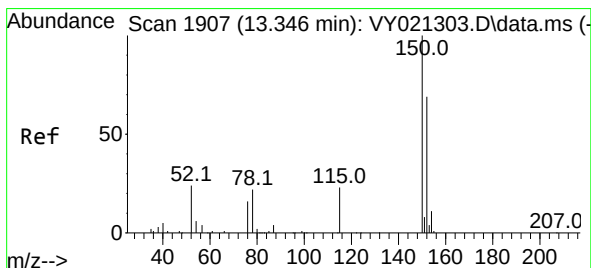
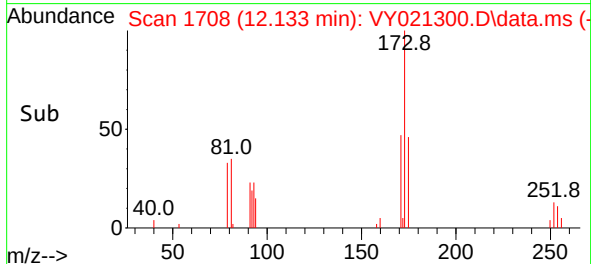
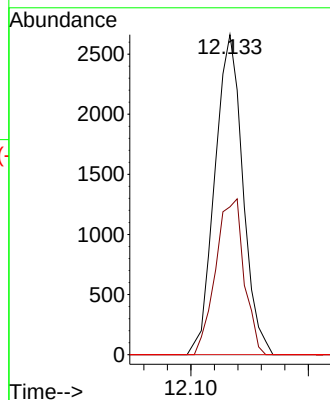
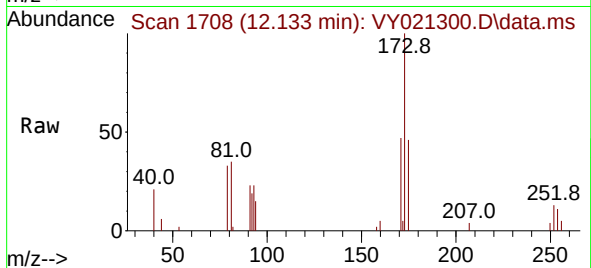
Tgt Ion:173 Resp: 4402

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

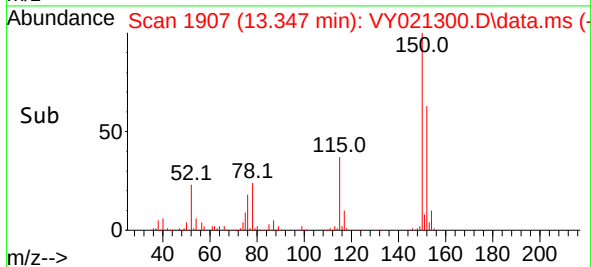
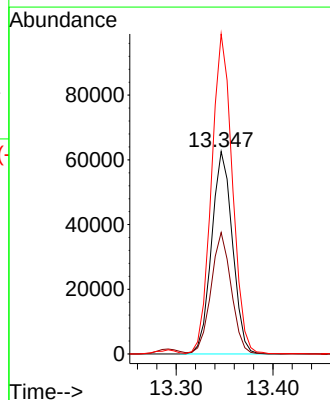
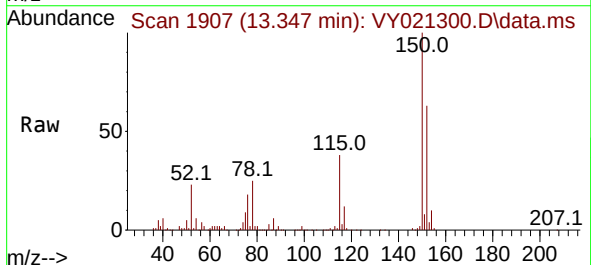
Tgt Ion:152 Resp: 93953

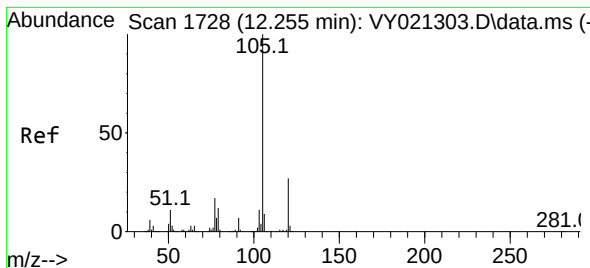
Ion Ratio Lower Upper

152 100

115 58.1 29.0 87.1

150 157.5 0.0 345.8





#73

Isopropylbenzene

Concen: 5.077 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

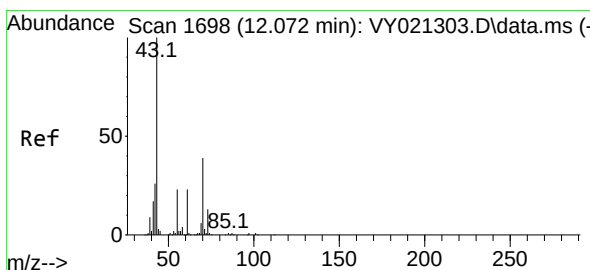
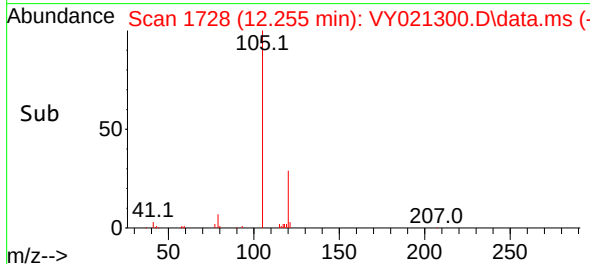
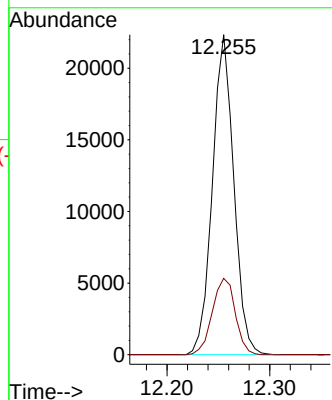
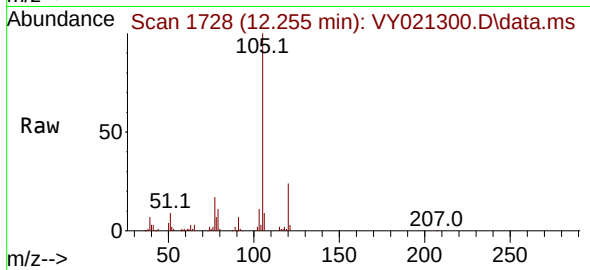
VSTDIC005

Tgt Ion:105 Resp: 32220

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#74

N-ethyl acetate

Concen: 4.606 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Tgt Ion: 43 Resp: 7724

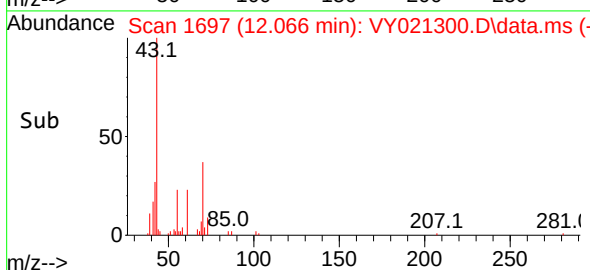
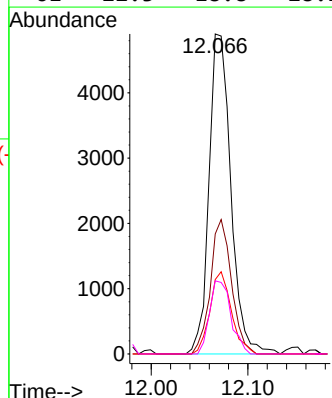
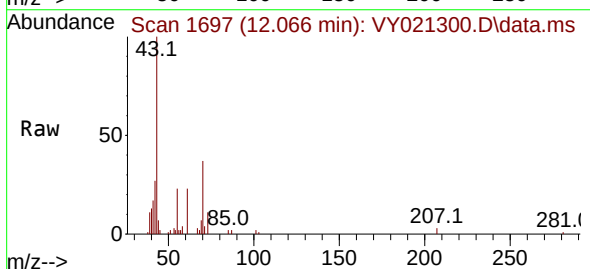
Ion Ratio Lower Upper

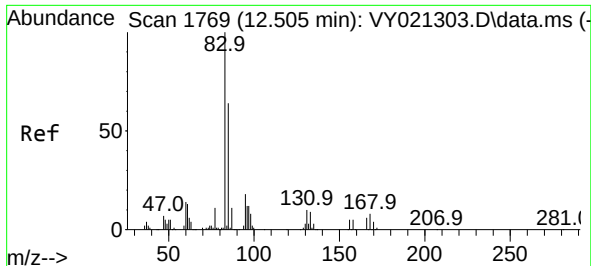
43 100

70 40.5 31.4 47.2

55 25.1 19.5 29.3

61 22.3 18.8 28.2

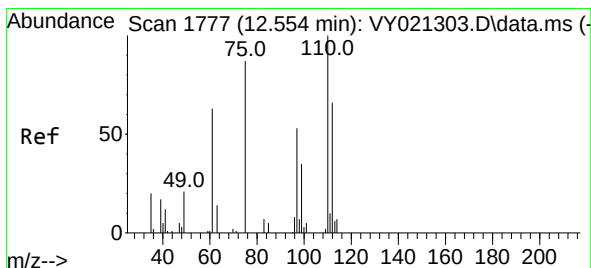
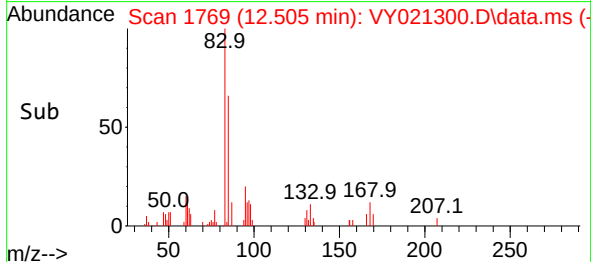
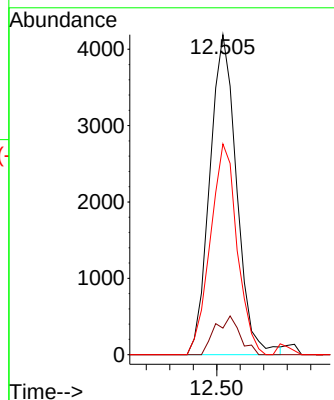
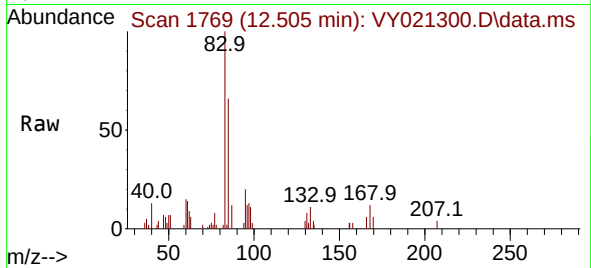




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.560 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

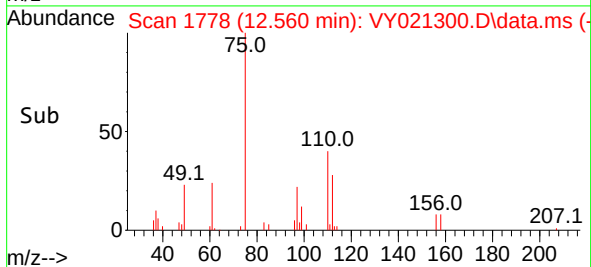
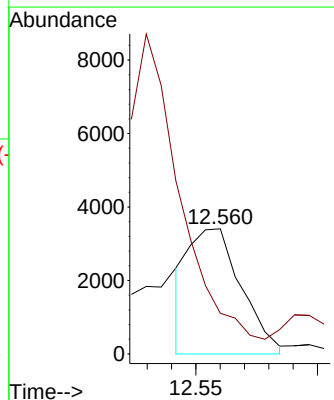
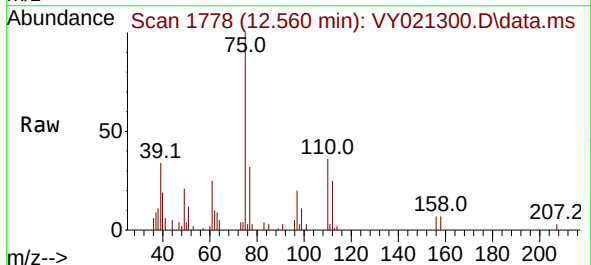
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

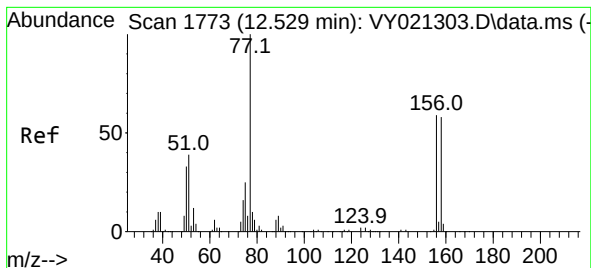
Tgt Ion:	83	Resp:	6646
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	15.9
85	65.8	31.3	93.9



#76
 1,2,3-Trichloropropane
 Concen: 5.923 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

Tgt Ion:	75	Resp:	5153
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.446 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

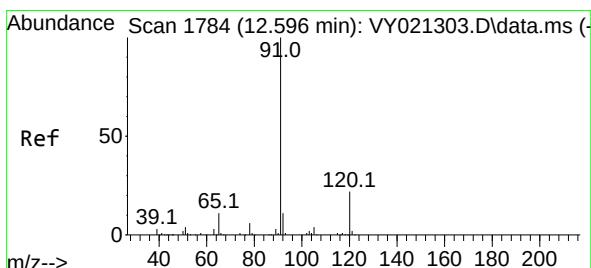
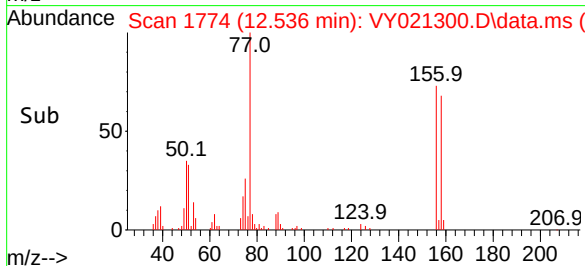
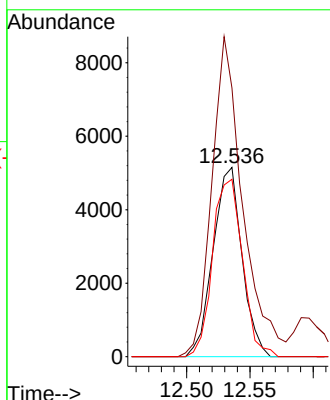
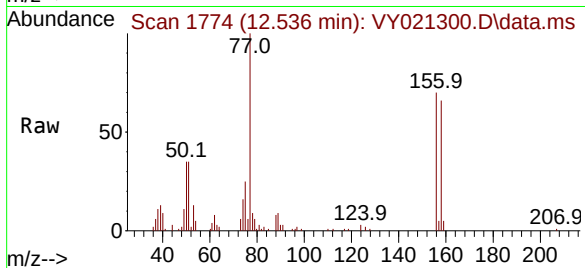
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:	156	Resp:	8198
Ion	Ratio	Lower	Upper
156	100		
77	180.3	91.2	273.6
158	96.8	48.8	146.3



#78

n-propylbenzene

Concen: 5.086 ug/l

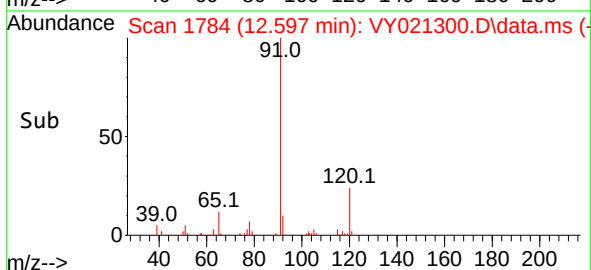
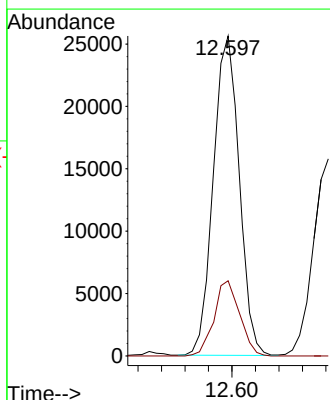
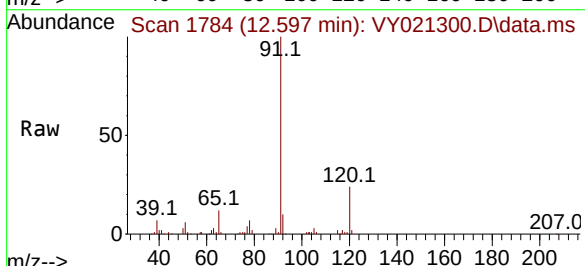
RT: 12.597 min Scan# 1784

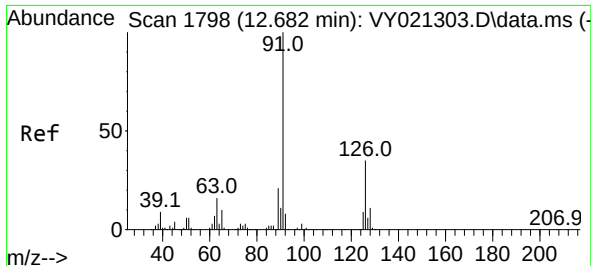
Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Tgt Ion:	91	Resp:	39209
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.1	33.3

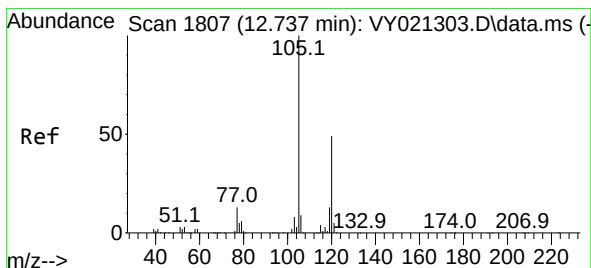
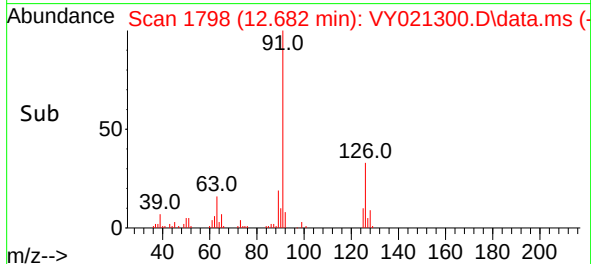
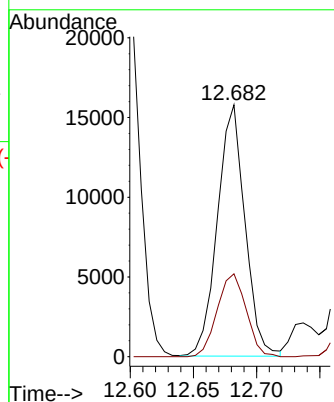
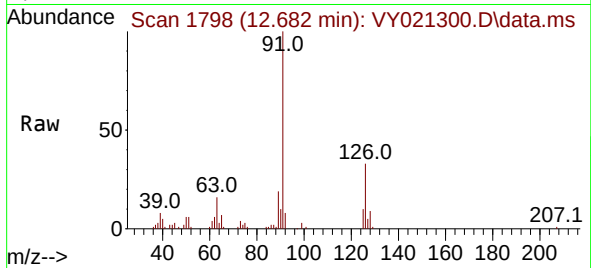




#79
2-Chlorotoluene
Concen: 5.388 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

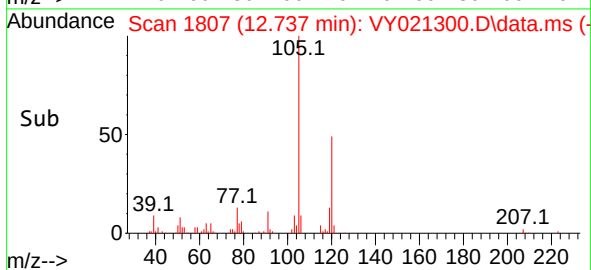
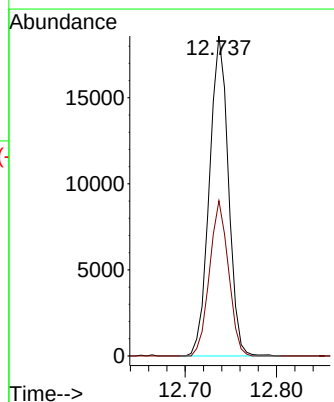
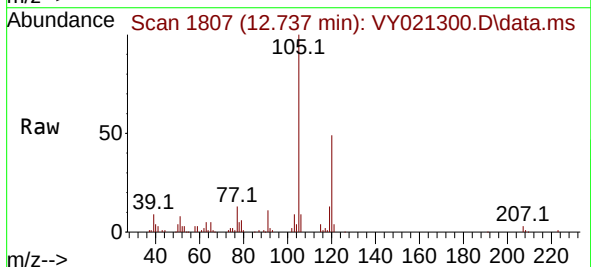
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

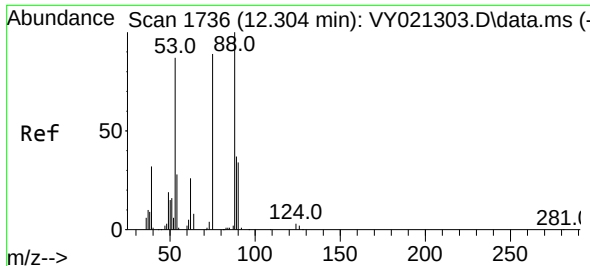
Tgt Ion: 91 Resp: 23896
Ion Ratio Lower Upper
91 100
126 34.6 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 5.129 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion: 105 Resp: 26779
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

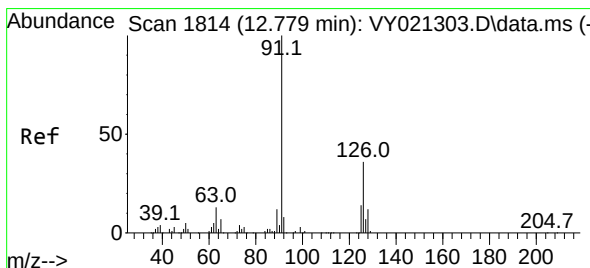
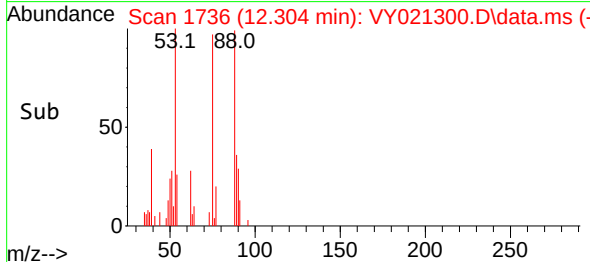
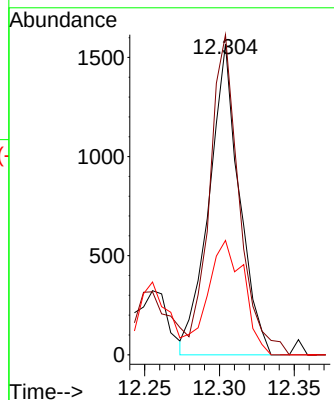
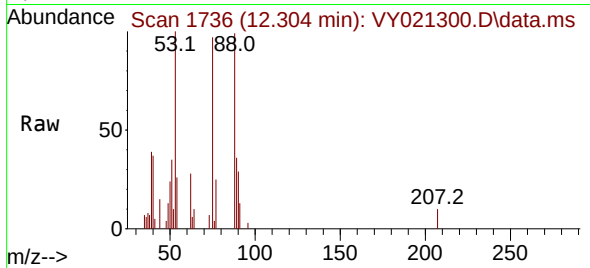




#81
trans-1,4-Dichloro-2-butene
Concen: 5.496 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

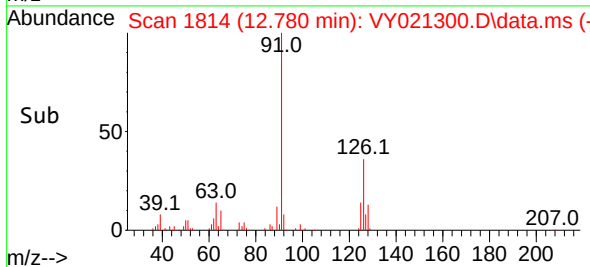
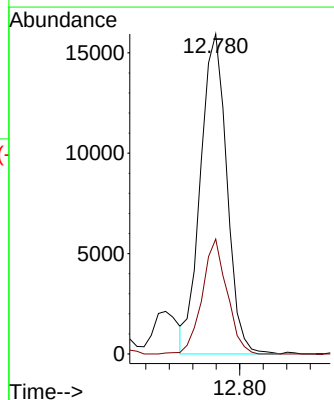
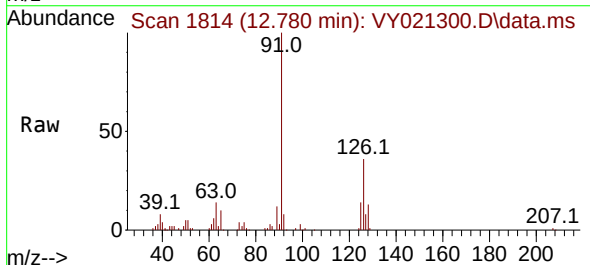
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

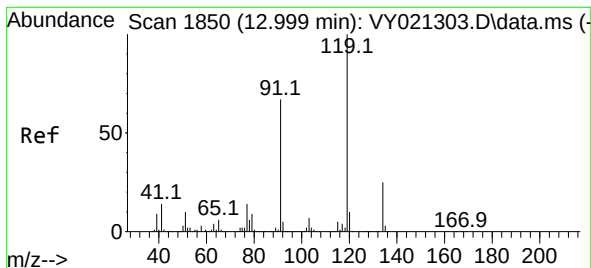
Tgt Ion:	75	Resp:	2198
Ion	Ratio	Lower	Upper
75	100		
53	99.8	79.8	119.8
89	44.4	36.4	54.6



#82
4-Chlorotoluene
Concen: 5.385 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021300.D
Acq: 24 Feb 2025 15:06

Tgt Ion:	91	Resp:	24841
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.6





#83

tert-Butylbenzene

Concen: 5.143 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

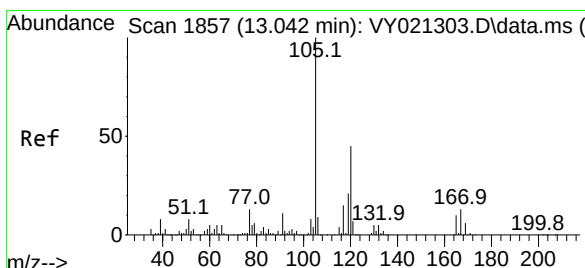
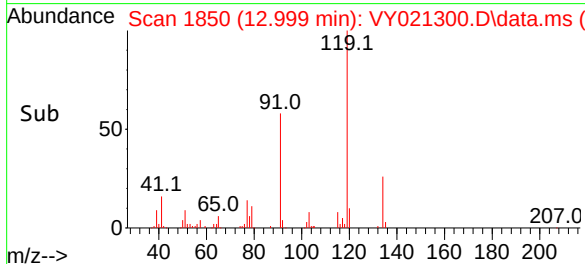
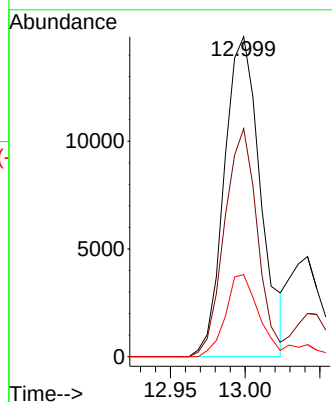
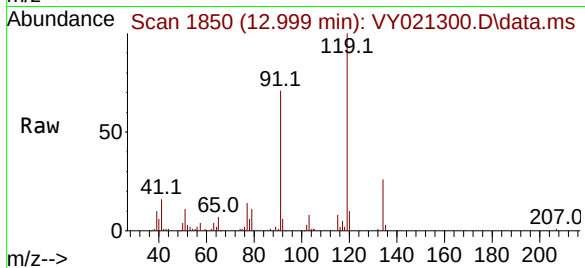
Tgt Ion:119 Resp: 24982

Ion Ratio Lower Upper

119 100

91 64.9 32.4 97.2

134 24.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 4.979 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021300.D

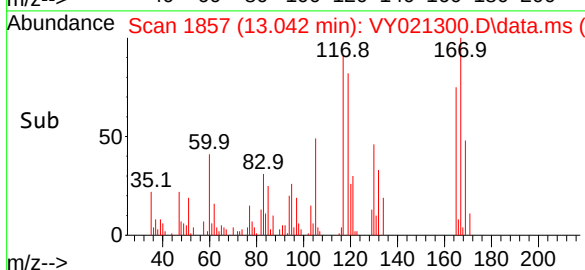
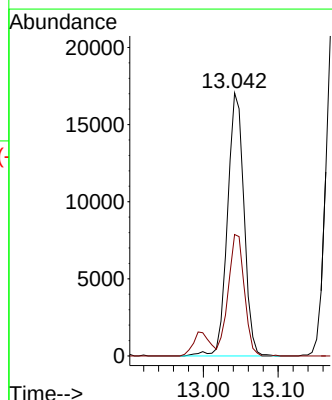
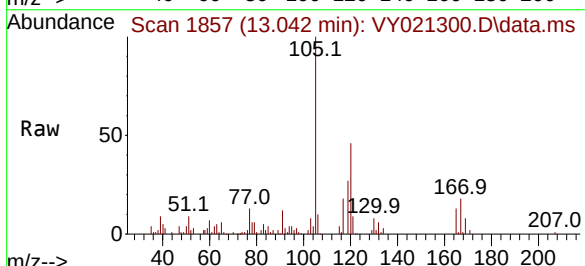
Acq: 24 Feb 2025 15:06

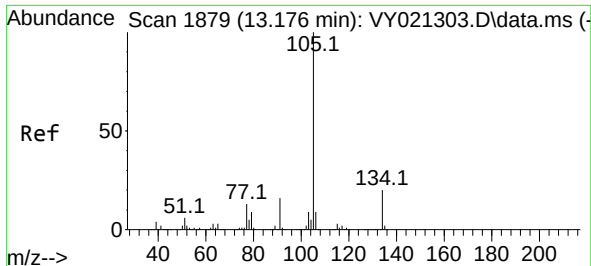
Tgt Ion:105 Resp: 26192

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.5

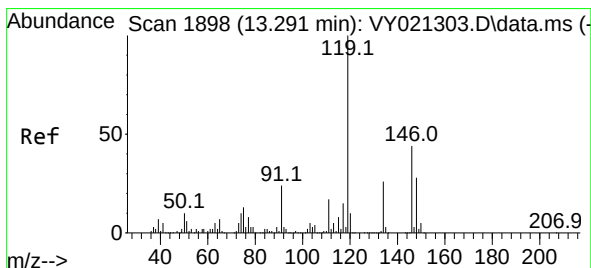
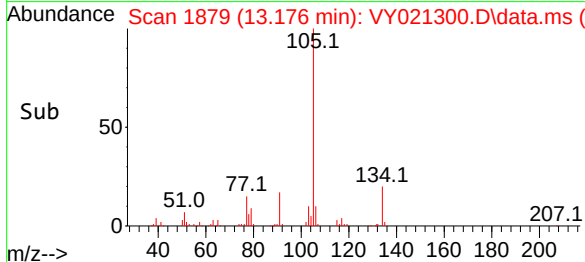
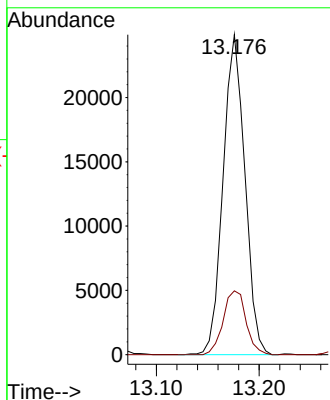
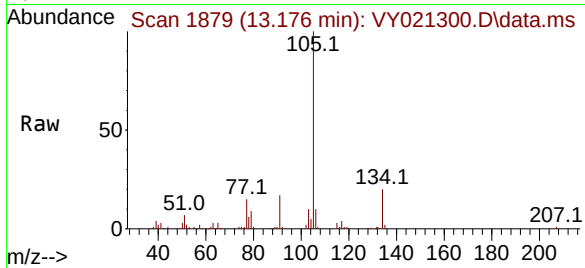




#85
 sec-Butylbenzene
 Concen: 5.232 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

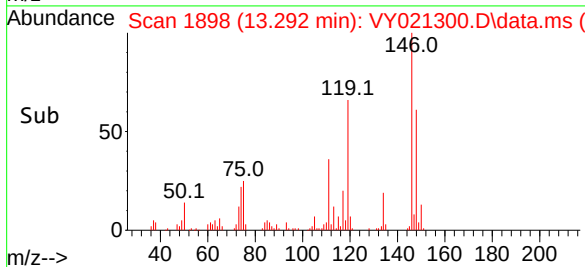
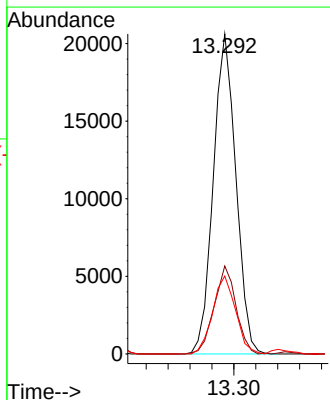
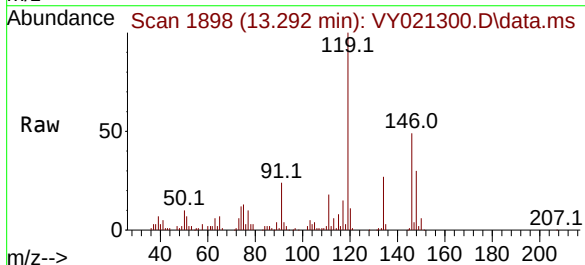
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

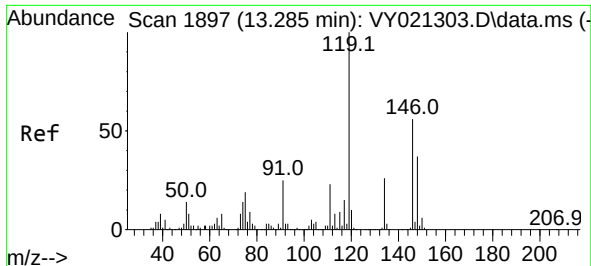
Tgt Ion:105 Resp: 36637
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 5.036 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

Tgt Ion:119 Resp: 29512
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 24.7 12.0 36.0

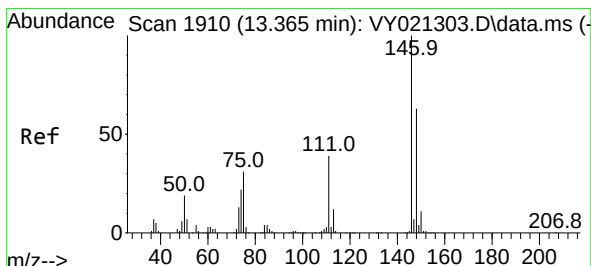
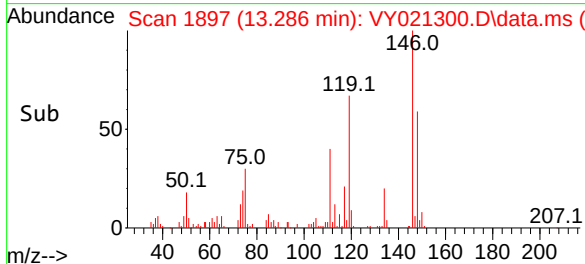
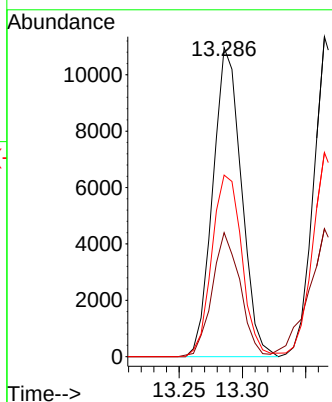
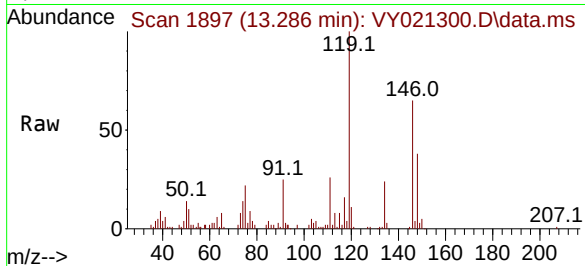




#87
 1,3-Dichlorobenzene
 Concen: 5.615 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

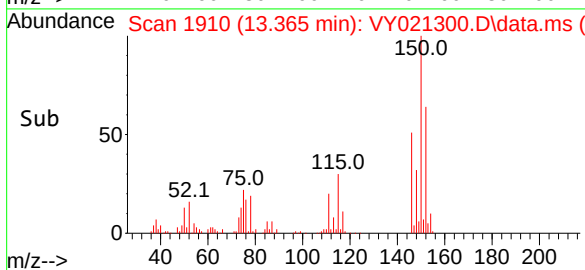
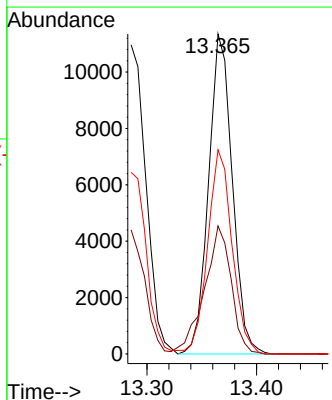
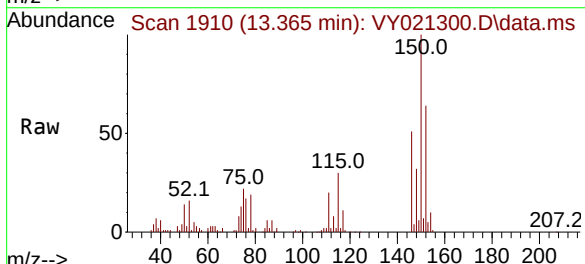
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

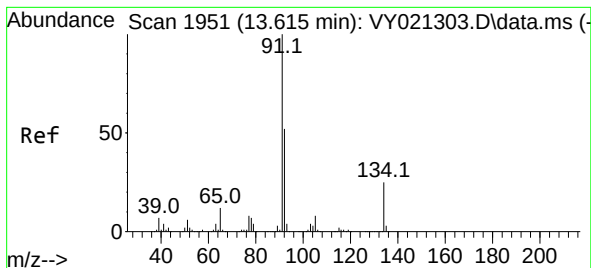
Tgt Ion:	146	Resp:	17213
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.8	59.4
148	61.9	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.641 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021300.D
 Acq: 24 Feb 2025 15:06

Tgt Ion:	146	Resp:	17055
Ion Ratio	Lower	Upper	
146	100		
111	45.3	19.3	57.9
148	65.9	31.6	94.8





#89

n-Butylbenzene

Concen: 5.202 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

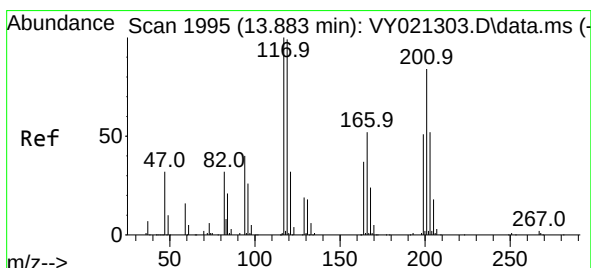
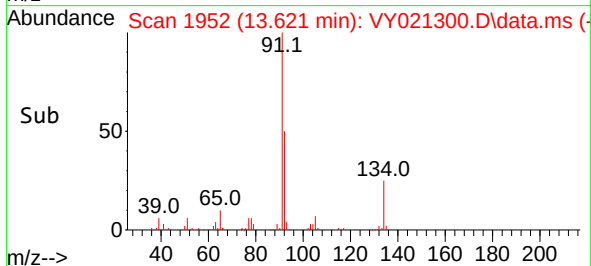
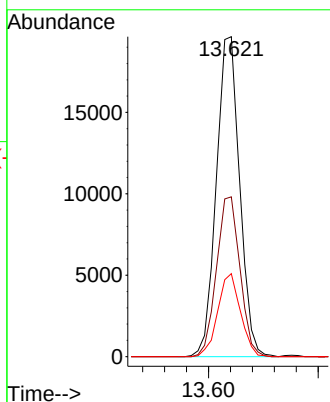
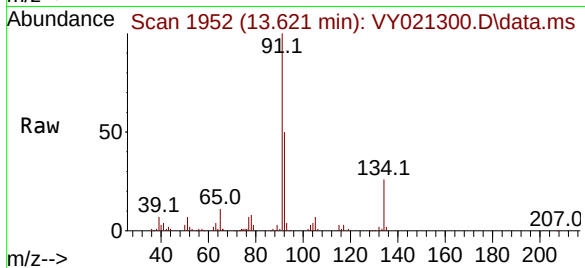
Tgt Ion: 91 Resp: 29066

Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.2

134 25.3 12.8 38.3



#90

Hexachloroethane

Concen: 5.595 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021300.D

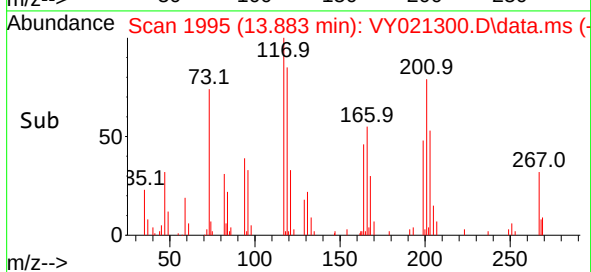
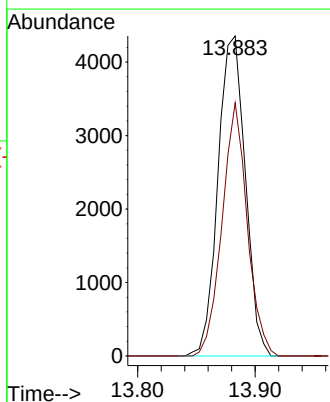
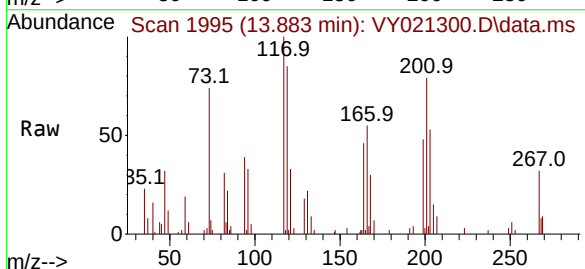
Acq: 24 Feb 2025 15:06

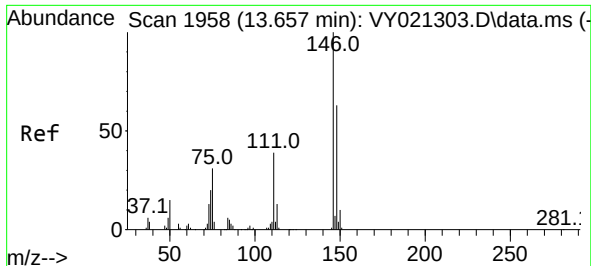
Tgt Ion: 117 Resp: 7030

Ion Ratio Lower Upper

117 100

201 72.9 39.5 118.3





#91

1,2-Dichlorobenzene

Concen: 5.570 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

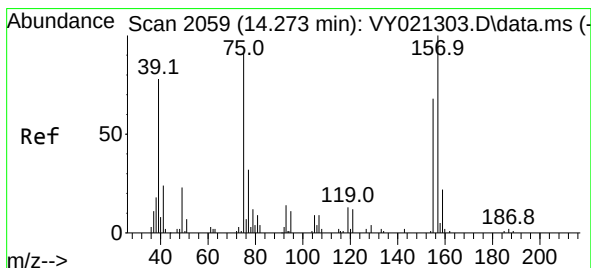
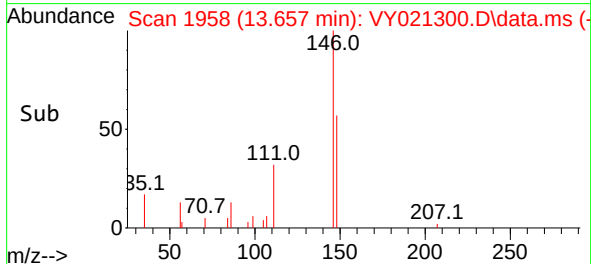
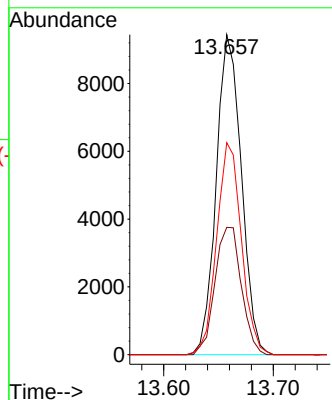
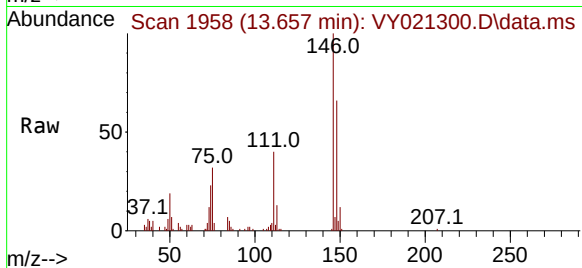
Tgt Ion:146 Resp: 15061

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.5

148 65.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.590 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

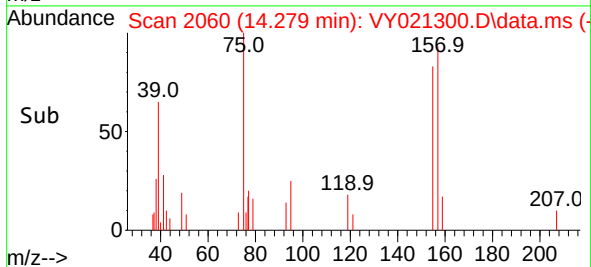
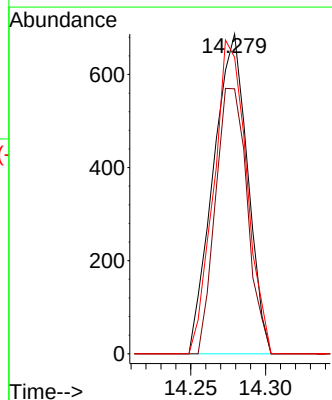
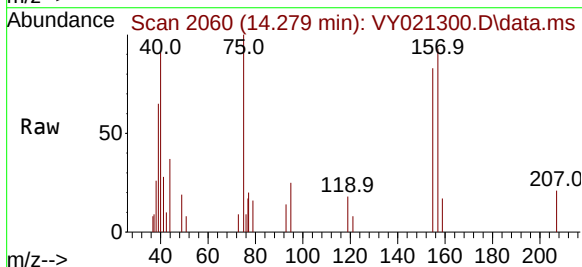
Tgt Ion: 75 Resp: 1095

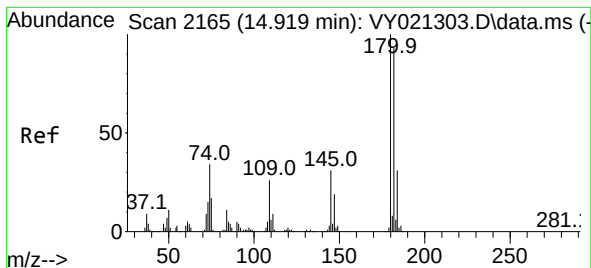
Ion Ratio Lower Upper

75 100

155 77.1 41.8 125.3

157 94.2 55.3 165.9





#93

1,2,4-Trichlorobenzene

Concen: 4.980 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

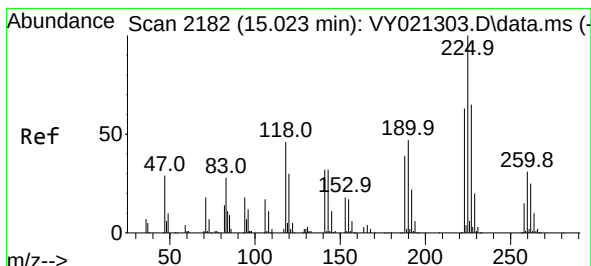
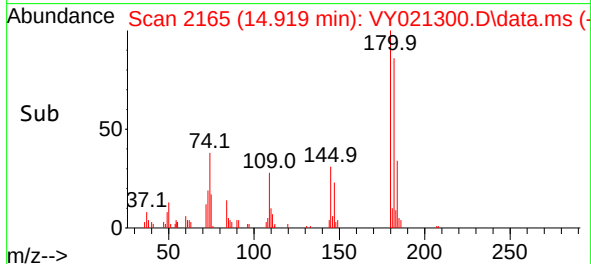
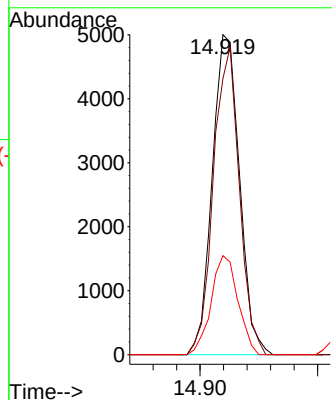
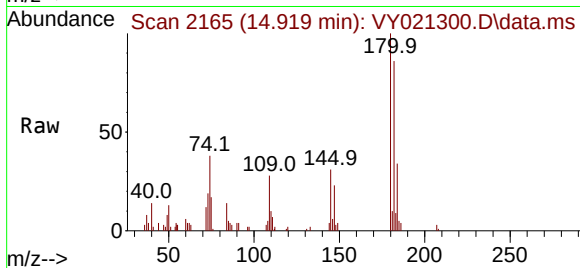
Tgt Ion:180 Resp: 8059

Ion Ratio Lower Upper

180 100

182 91.2 47.8 143.4

145 30.5 15.2 45.6



#94

Hexachlorobutadiene

Concen: 5.553 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

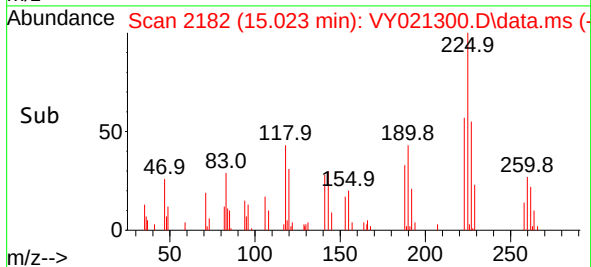
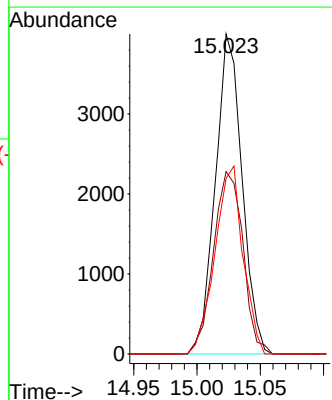
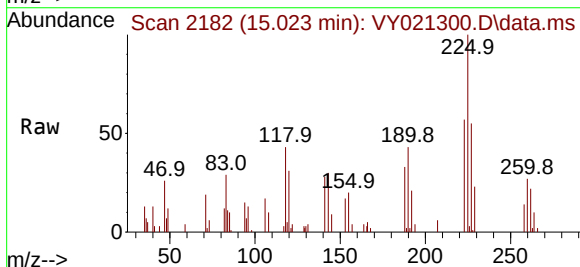
Tgt Ion:225 Resp: 5872

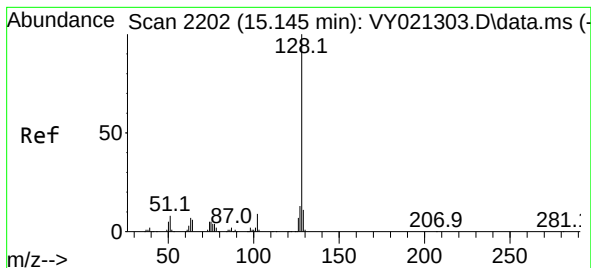
Ion Ratio Lower Upper

225 100

223 63.1 30.7 92.1

227 61.6 31.8 95.3





#95

Naphthalene

Concen: 4.333 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

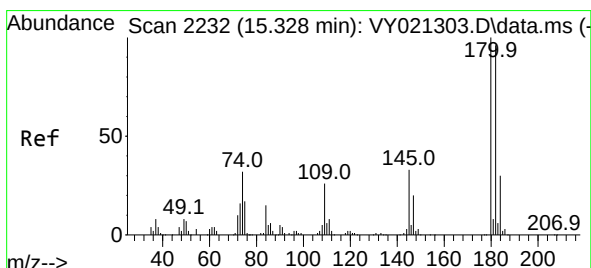
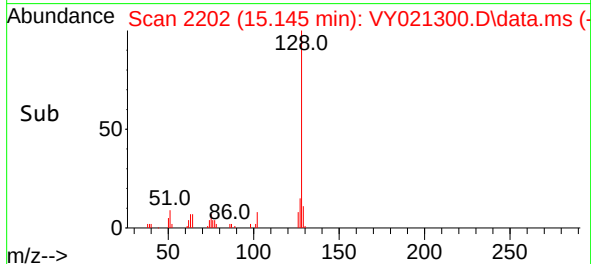
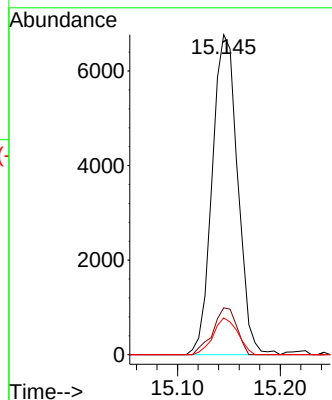
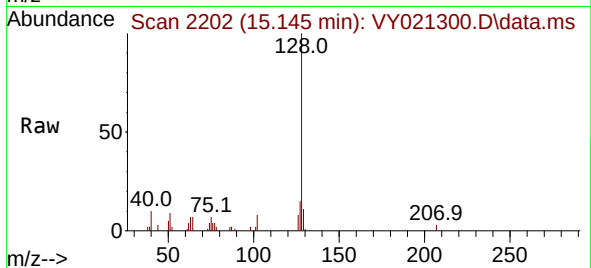
Tgt Ion:128 Resp: 11625

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.943 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021300.D

Acq: 24 Feb 2025 15:06

Tgt Ion:180 Resp: 6868

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 35.2 16.2 48.5

