

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020924.D
 Acq On : 24 Jan 2025 12:49
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 25 02:00:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	257518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	382964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	309870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	144723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	5628	2.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	5.480%#
35) Dibromofluoromethane	7.646	113	7375	3.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	6.700%#
50) Toluene-d8	10.115	98	18032	2.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	4.220%#
62) 4-Bromofluorobenzene	12.414	95	8337	2.938	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	5.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	8705	4.469	ug/l	92
3) Chloromethane	2.080	50	6256	4.318	ug/l	98
4) Vinyl Chloride	2.214	62	6297	3.988	ug/l	93
5) Bromomethane	2.611	94	5187	4.850	ug/l	86
6) Chloroethane	2.751	64	3938	4.251	ug/l #	88
7) Trichlorofluoromethane	3.074	101	14120	4.209	ug/l	89
8) Diethyl Ether	3.470	74	3914	3.796	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.830	101	9628	4.350	ug/l	99
10) Methyl Iodide	4.031	142	12410	4.705	ug/l	98
11) Tert butyl alcohol	4.848	59	2290	14.448	ug/l #	74
12) 1,1-Dichloroethene	3.806	96	8934	4.274	ug/l	87
13) Acrolein	3.665	56	4381	20.389	ug/l	95
14) Allyl chloride	4.397	41	12033	4.124	ug/l	98
15) Acrylonitrile	5.086	53	7473	18.439	ug/l	99
16) Acetone	3.885	43	5873	21.112	ug/l	96
17) Carbon Disulfide	4.129	76	27542	4.266	ug/l	99
18) Methyl Acetate	4.403	43	3712	3.694	ug/l	100
19) Methyl tert-butyl Ether	5.135	73	19149	3.955	ug/l	99
20) Methylene Chloride	4.629	84	9087	4.392	ug/l	96
21) trans-1,2-Dichloroethene	5.141	96	9423	4.181	ug/l	94
22) Diisopropyl ether	6.043	45	22255	3.792	ug/l #	86
23) Vinyl Acetate	5.982	43	60326	18.574	ug/l	98
24) 1,1-Dichloroethane	5.933	63	15310	4.116	ug/l	97
25) 2-Butanone	6.915	43	9879	20.964	ug/l	90
26) 2,2-Dichloropropane	6.909	77	17130	4.675	ug/l	94
27) cis-1,2-Dichloroethene	6.903	96	10734	4.220	ug/l	96
28) Bromochloromethane	7.262	49	5765	3.851	ug/l #	97
29) Tetrahydrofuran	7.287	42	5656	18.010	ug/l	99
30) Chloroform	7.433	83	16606	4.218	ug/l	96
31) Cyclohexane	7.719	56	18475	5.053	ug/l #	71
32) 1,1,1-Trichloroethane	7.634	97	16688	4.370	ug/l	96
36) 1,1-Dichloropropene	7.847	75	13110	4.271	ug/l	97
37) Ethyl Acetate	7.006	43	4711	3.956	ug/l	94
38) Carbon Tetrachloride	7.835	117	15878	4.289	ug/l	95
39) Methylcyclohexane	9.122	83	16956	4.080	ug/l	98
40) Benzene	8.091	78	37199	4.131	ug/l	98

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	2332	3.707	ug/l	95
42) 1,2-Dichloroethane	8.171	62	9185	4.099	ug/l	98
43) Isopropyl Acetate	8.213	43	8151	3.609	ug/l	99
44) Trichloroethene	8.878	130	10210	4.173	ug/l	90
45) 1,2-Dichloropropane	9.152	63	8108	4.079	ug/l	93
46) Dibromomethane	9.244	93	4505	3.986	ug/l	99
47) Bromodichloromethane	9.439	83	12317	4.096	ug/l	96
48) Methyl methacrylate	9.231	41	3799	3.566	ug/l	94
49) 1,4-Dioxane	9.250	88	727	62.480	ug/l #	86
51) 4-Methyl-2-Pentanone	10.012	43	20940	18.389	ug/l	100
52) Toluene	10.182	92	22759	3.930	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	9936	3.604	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	12823	3.895	ug/l	94
55) 1,1,2-Trichloroethane	10.585	97	5968	3.907	ug/l	92
56) Ethyl methacrylate	10.445	69	6471	3.232	ug/l	98
57) 1,3-Dichloropropane	10.725	76	9888	3.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	17728	19.511	ug/l	99
59) 2-Hexanone	10.774	43	11709	15.991	ug/l	100
60) Dibromochloromethane	10.920	129	8346	3.882	ug/l	96
61) 1,2-Dibromoethane	11.024	107	5393	3.691	ug/l	98
64) Tetrachloroethene	10.652	164	9664	4.481	ug/l	96
65) Chlorobenzene	11.451	112	25600	4.225	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	8941	4.152	ug/l	99
67) Ethyl Benzene	11.530	91	43553	4.119	ug/l	96
68) m/p-Xylenes	11.639	106	32128	7.935	ug/l	98
69) o-Xylene	11.963	106	15165	4.010	ug/l	99
70) Styrene	11.981	104	24156	3.897	ug/l	99
71) Bromoform	12.146	173	4683	3.841	ug/l #	99
73) Isopropylbenzene	12.267	105	40769	4.090	ug/l	100
74) N-amyl acetate	12.085	43	5890	3.321	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.517	83	6202	3.999	ug/l	100
76) 1,2,3-Trichloropropane	12.572	75	8061	7.878	ug/l #	100
77) Bromobenzene	12.542	156	9589	4.104	ug/l	97
78) n-propylbenzene	12.609	91	46635	4.017	ug/l	99
79) 2-Chlorotoluene	12.688	91	26787	4.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	31669	3.954	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	1990	3.757	ug/l	99
82) 4-Chlorotoluene	12.792	91	27574	4.101	ug/l	99
83) tert-Butylbenzene	13.011	119	29587	4.005	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	30728	3.897	ug/l	100
85) sec-Butylbenzene	13.188	105	41690	3.958	ug/l	99
86) p-Isopropyltoluene	13.304	119	34413	3.867	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	18529	4.141	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	18865	4.292	ug/l	93
89) n-Butylbenzene	13.627	91	30068	3.831	ug/l	99
90) Hexachloroethane	13.895	117	7445	4.212	ug/l	93
91) 1,2-Dichlorobenzene	13.670	146	15337	3.957	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.291	75	975	4.185	ug/l	87
93) 1,2,4-Trichlorobenzene	14.938	180	8519	3.653	ug/l	97
94) Hexachlorobutadiene	15.041	225	6110	3.830	ug/l	98
95) Naphthalene	15.157	128	11961	3.199	ug/l	98
96) 1,2,3-Trichlorobenzene	15.346	180	7425	3.790	ug/l	96

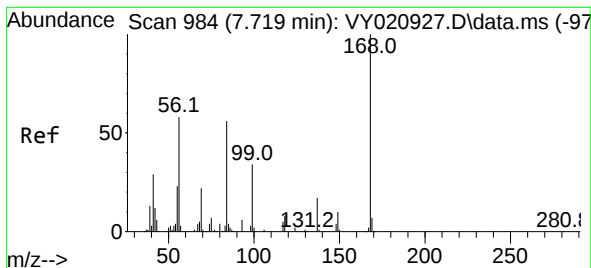
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.726 min Scan# 91

Delta R.T. 0.007 min

Lab File: VY020924.D

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Instrument :

MSVOA_Y

ClientSampleId :

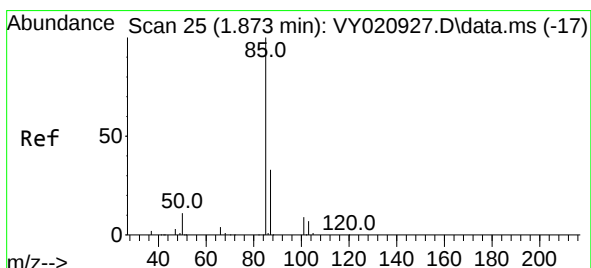
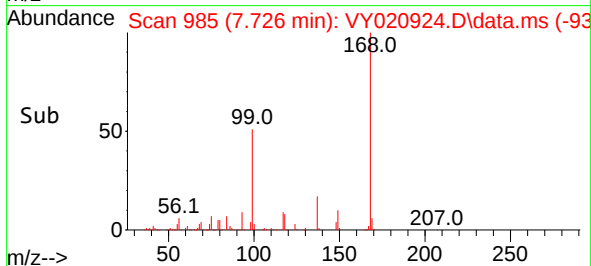
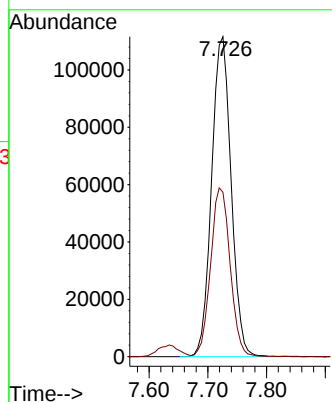
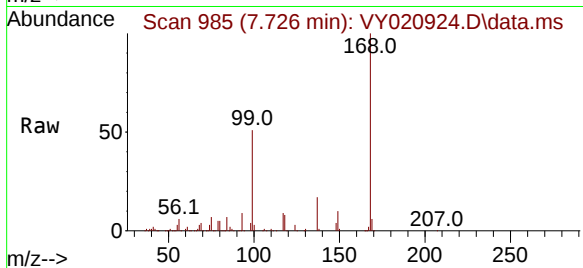
VSTDICC005

Tgt Ion:168 Resp: 257518

Ion Ratio Lower Upper

168 100

99 51.4 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 4.469 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.000 min

Lab File: VY020924.D

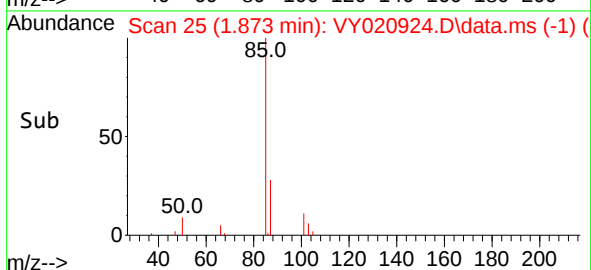
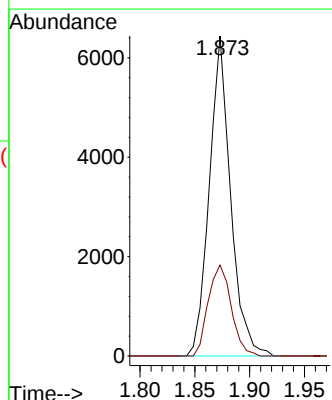
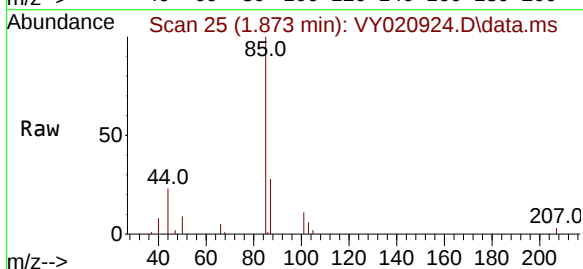
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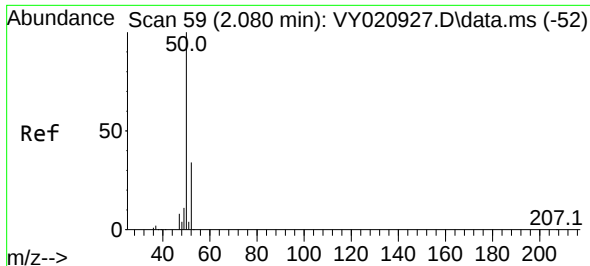
Tgt Ion: 85 Resp: 8705

Ion Ratio Lower Upper

85 100

87 28.4 16.6 49.8

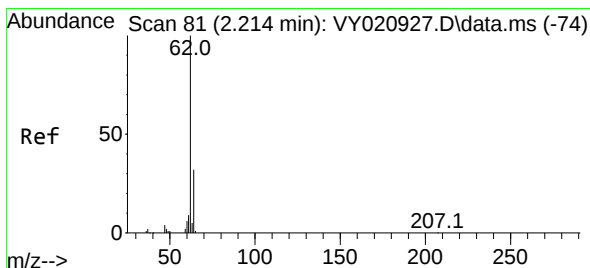
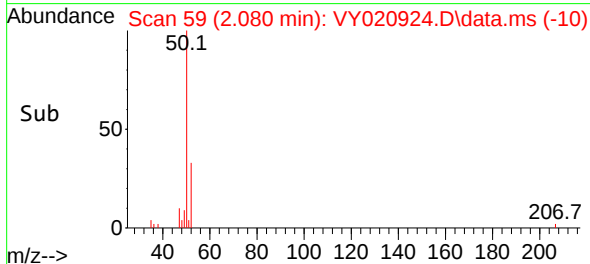
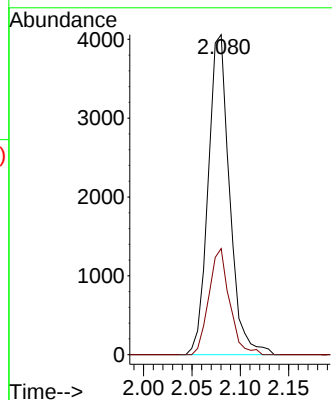
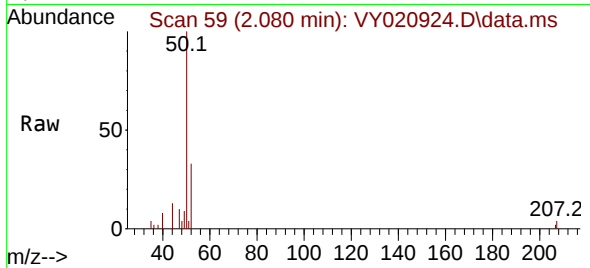




#3
Chloromethane
Concen: 4.318 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

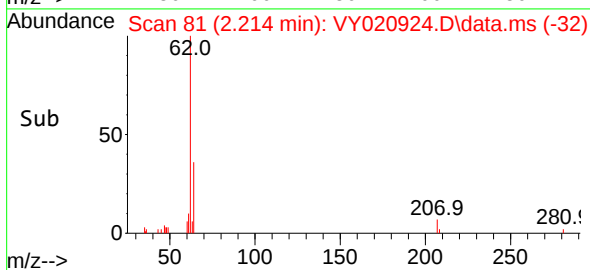
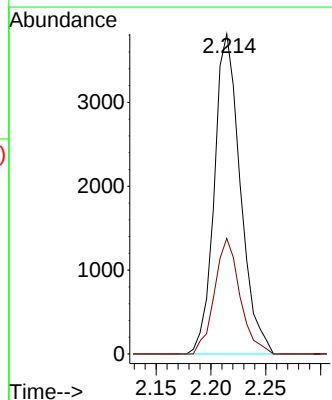
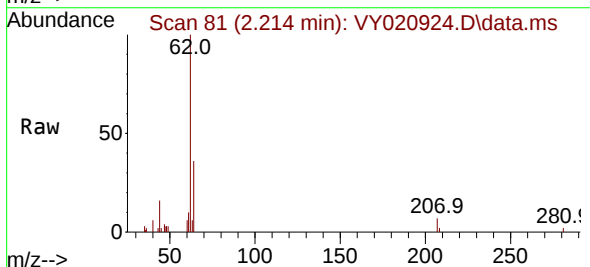
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

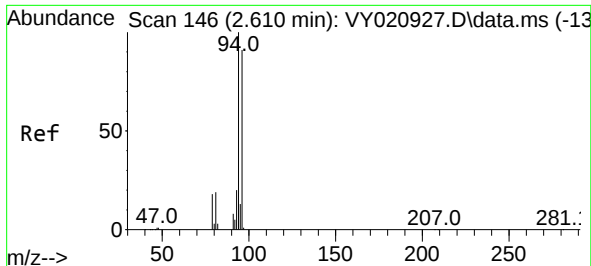
Tgt Ion: 50 Resp: 6256
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0



#4
Vinyl Chloride
Concen: 3.988 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 62 Resp: 6297
Ion Ratio Lower Upper
62 100
64 36.1 25.7 38.5

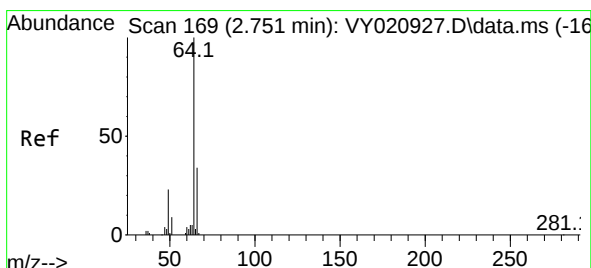
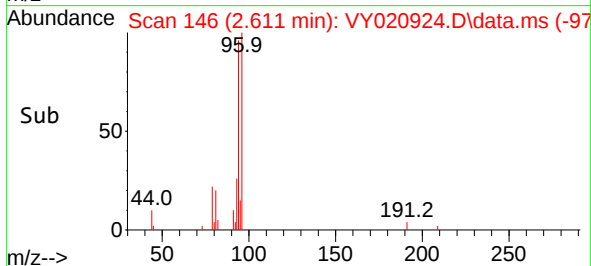
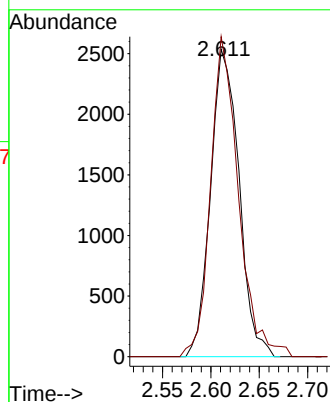
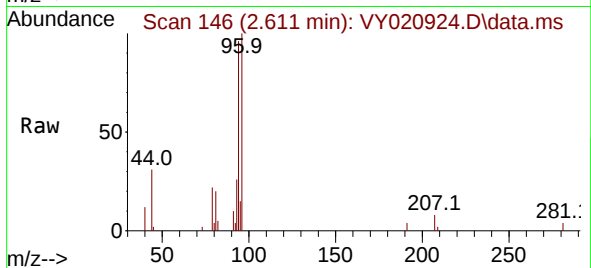




#5
Bromomethane
Concen: 4.850 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

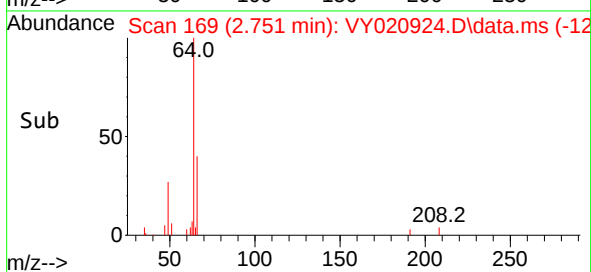
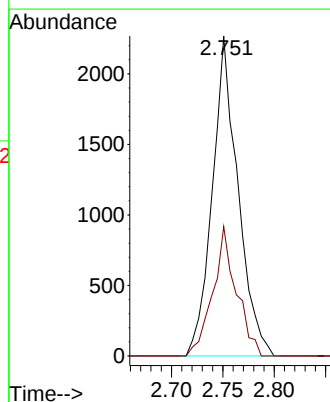
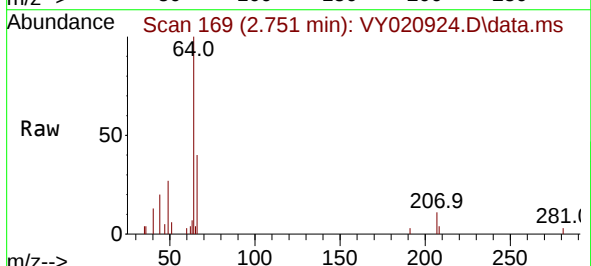
Instrument :
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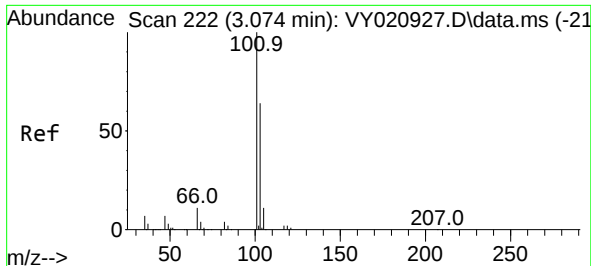
Tgt Ion: 94 Resp: 5187
Ion Ratio Lower Upper
94 100
96 104.1 72.6 109.0



#6
Chloroethane
Concen: 4.251 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 64 Resp: 3938
Ion Ratio Lower Upper
64 100
66 40.5 26.9 40.3#

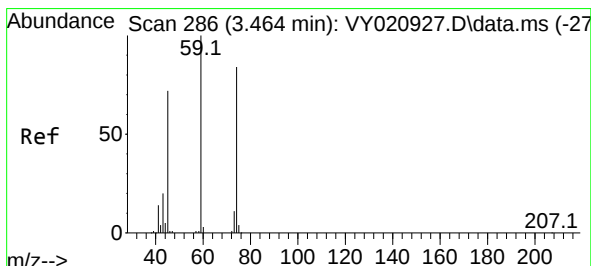
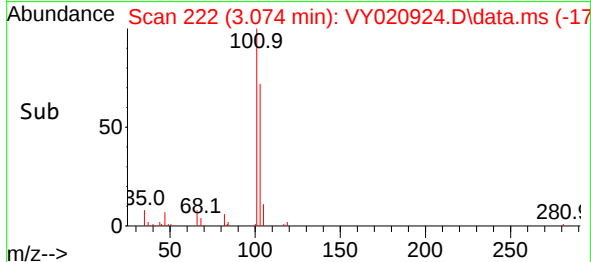
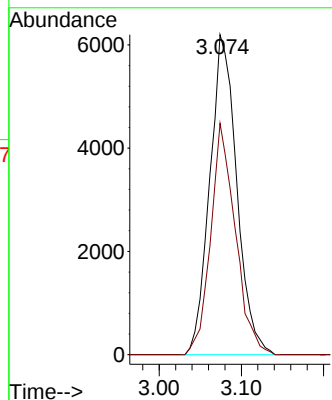
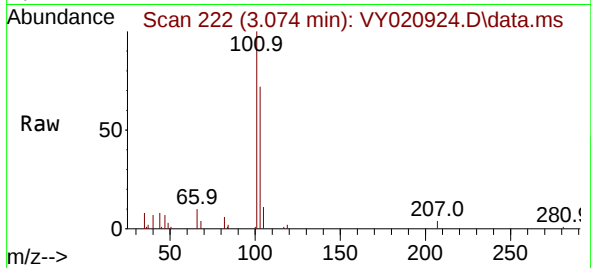




#7
 Trichlorofluoromethane
 Concen: 4.209 ug/l
 RT: 3.074 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY020924.D
 Acq: 24 Jan 2025 12:49

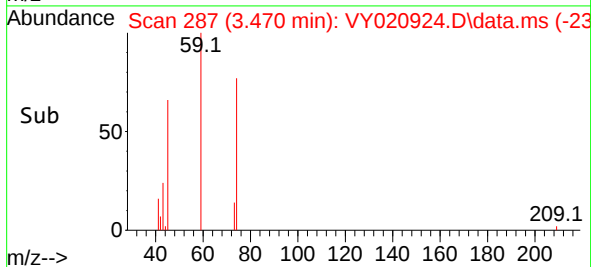
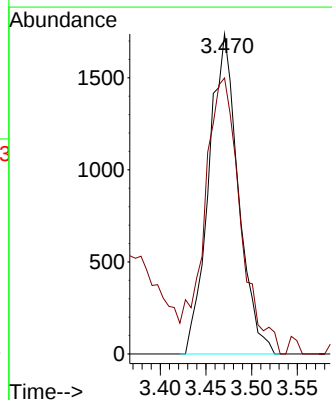
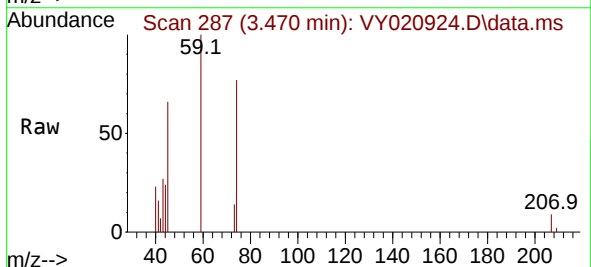
Instrument :
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 VSTDIC005

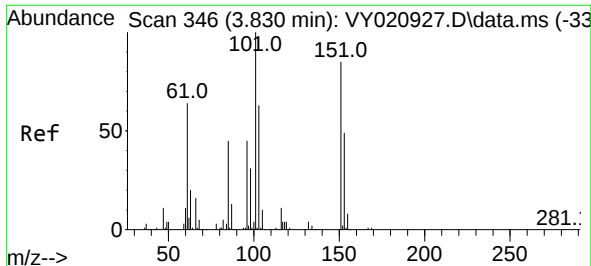
Tgt Ion:101 Resp: 14120
 Ion Ratio Lower Upper
 101 100
 103 72.3 51.0 76.4



#8
 Diethyl Ether
 Concen: 3.796 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY020924.D
 Acq: 24 Jan 2025 12:49

Tgt Ion: 74 Resp: 3914
 Ion Ratio Lower Upper
 74 100
 45 104.3 45.1 135.2

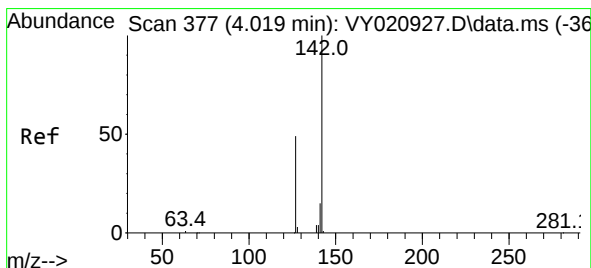
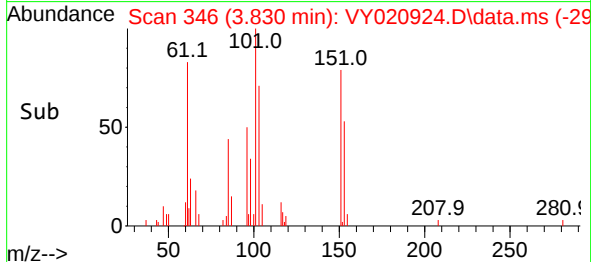
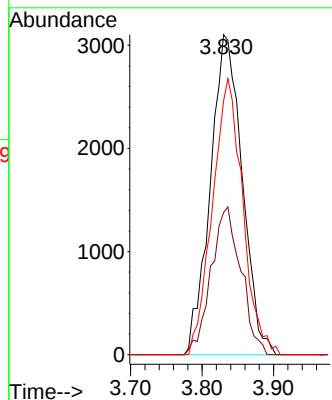
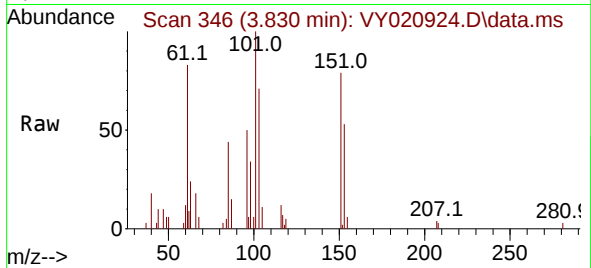




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.350 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020924.D
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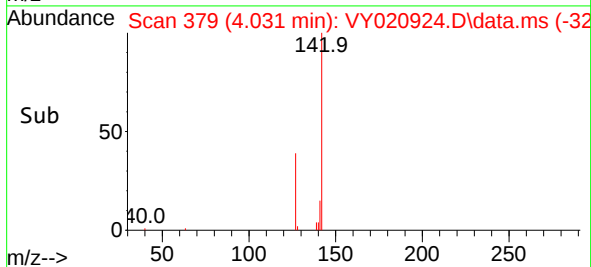
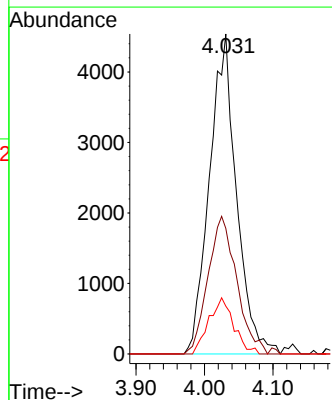
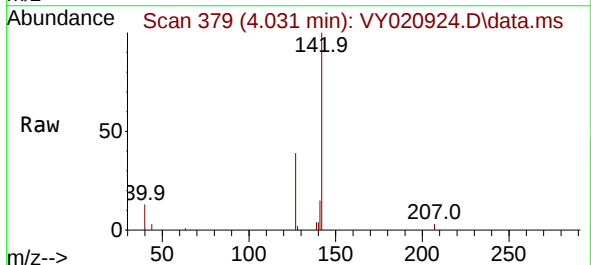
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

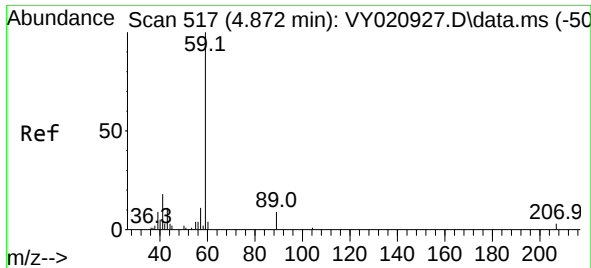
Tgt Ion:101 Resp: 9628
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 81.8 66.3 99.5



#10
Methyl Iodide
Concen: 4.705 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.012 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion:142 Resp: 12410
Ion Ratio Lower Upper
142 100
127 45.7 37.3 55.9
141 16.2 11.4 17.2

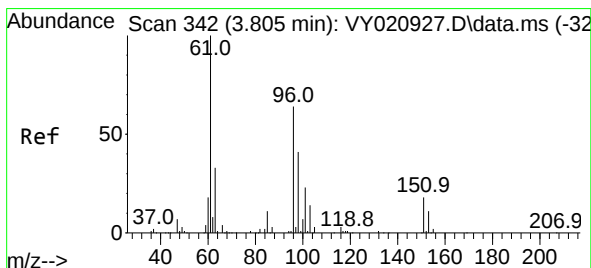
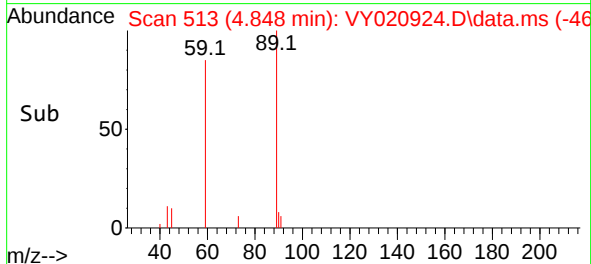
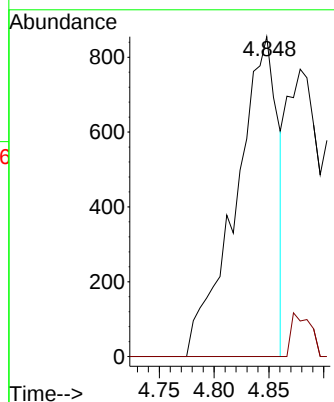
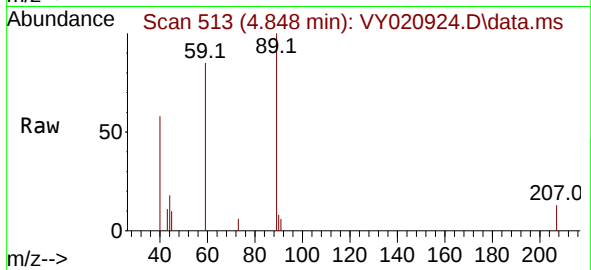




#11
Tert butyl alcohol
Concen: 14.448 ug/l
RT: 4.848 min Scan# 517
Delta R.T. -0.024 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

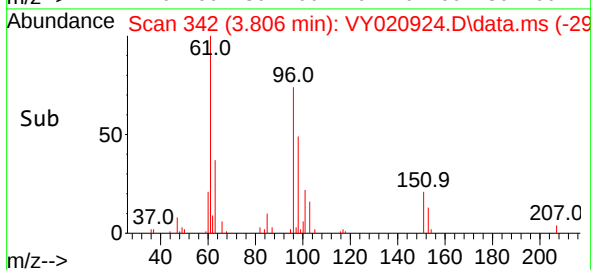
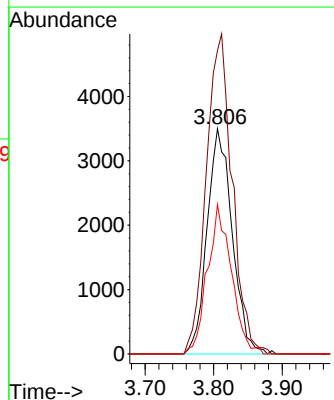
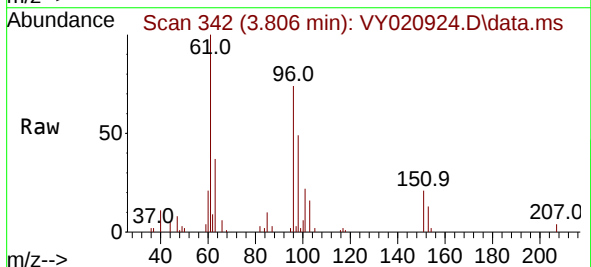
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

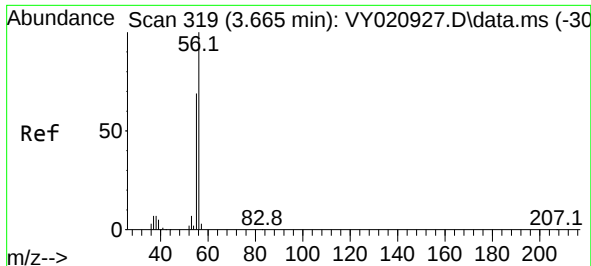
Tgt Ion: 59 Resp: 2290
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 4.274 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 96 Resp: 8934
Ion Ratio Lower Upper
96 100
61 134.6 124.5 186.7
98 66.4 50.5 75.7

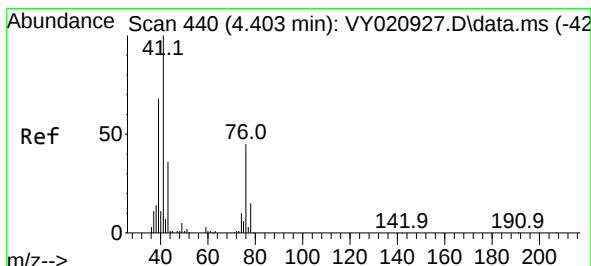
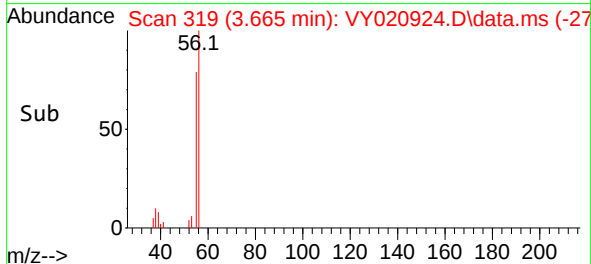
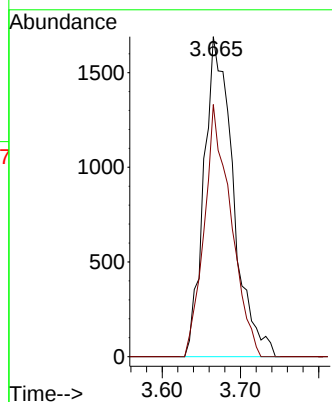
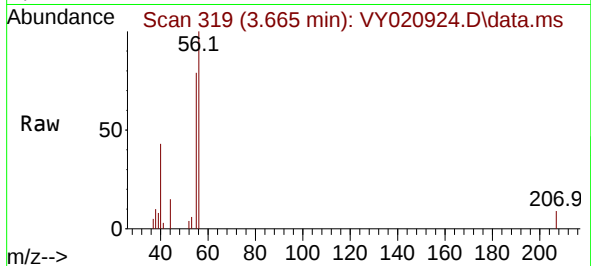




#13
Acrolein
Concen: 20.389 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

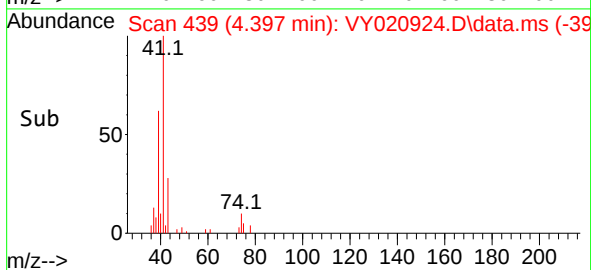
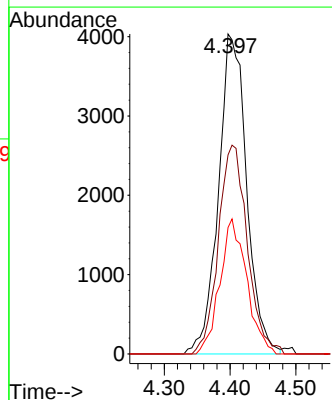
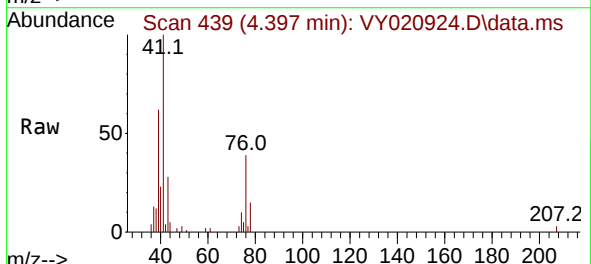
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

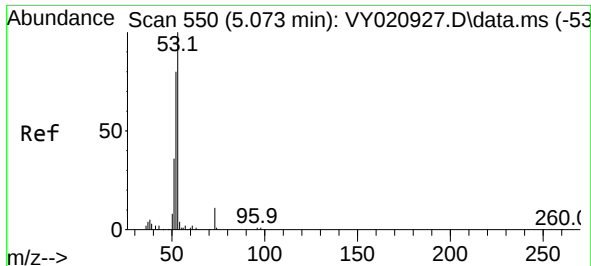
Tgt Ion: 56 Resp: 4381
Ion Ratio Lower Upper
56 100
55 72.0 54.6 81.8



#14
Allyl chloride
Concen: 4.124 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 41 Resp: 12033
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.6
76 40.3 34.2 51.4

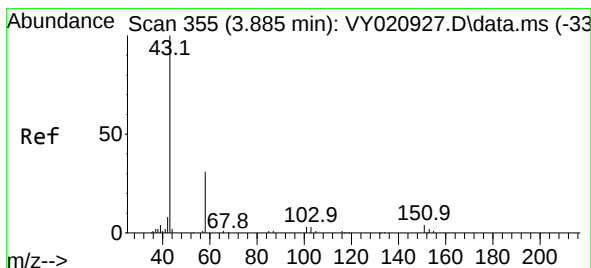
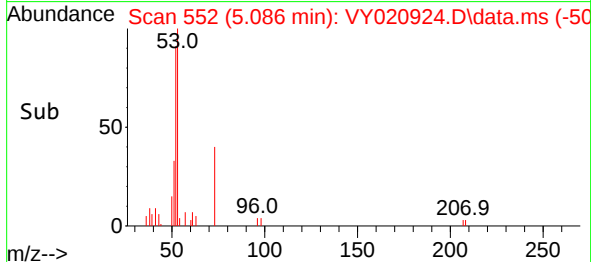
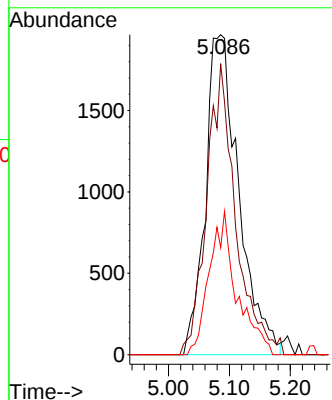
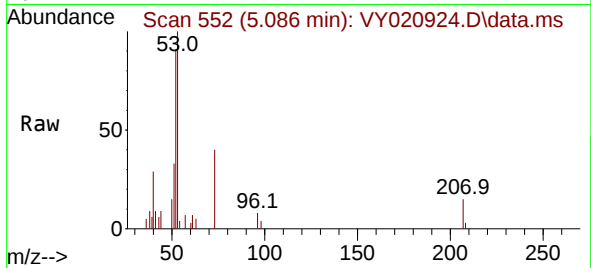




#15
Acrylonitrile
Concen: 18.439 ug/l
RT: 5.086 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

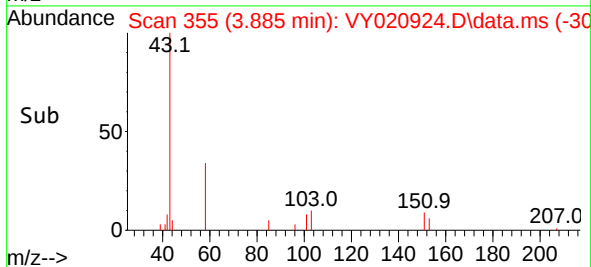
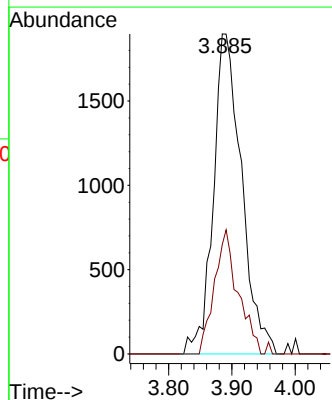
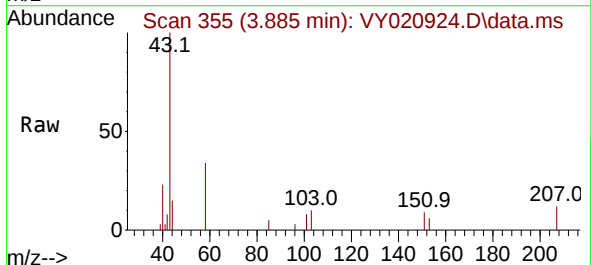
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

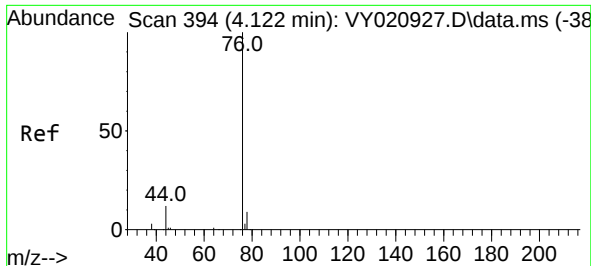
Tgt Ion:	53	Resp:	7473
Ion	Ratio	Lower	Upper
53	100		
52	79.2	64.5	96.7
51	36.9	28.9	43.3



#16
Acetone
Concen: 21.112 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion:	43	Resp:	5873
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.6	38.4

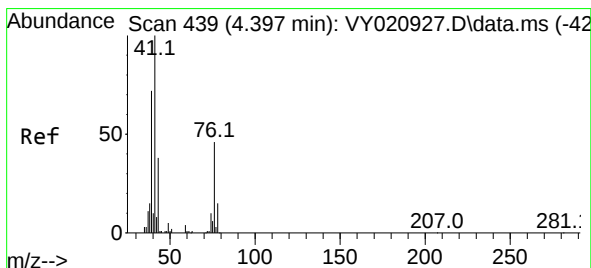
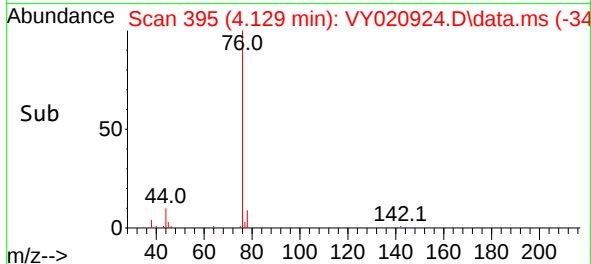
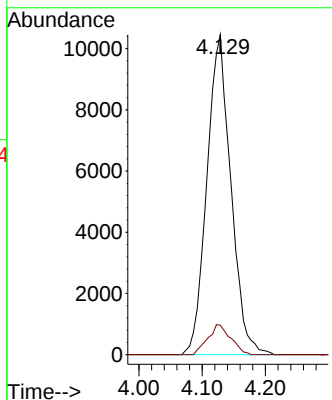
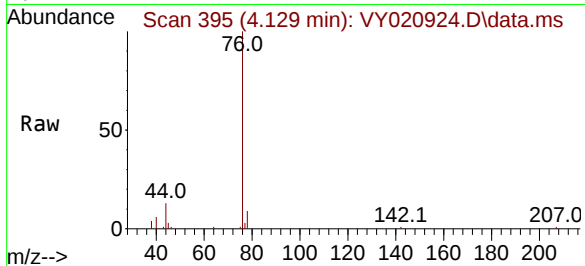




#17
Carbon Disulfide
Concen: 4.266 ug/l
RT: 4.129 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

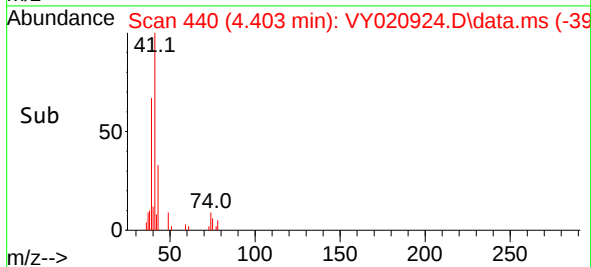
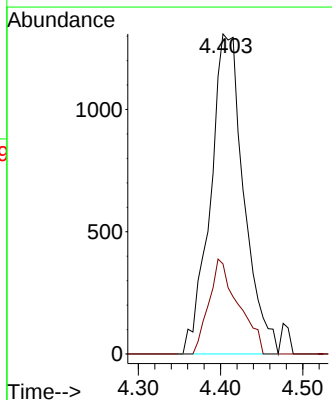
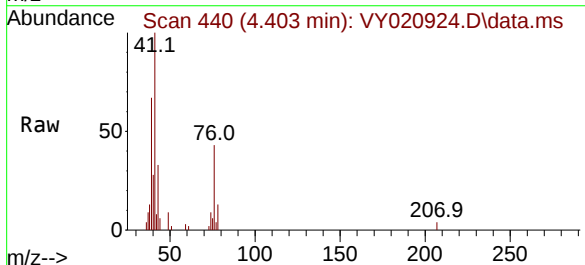
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

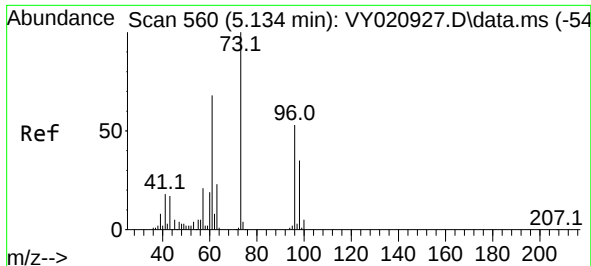
Tgt Ion: 76 Resp: 27542
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 3.694 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 43 Resp: 3712
Ion Ratio Lower Upper
43 100
74 26.1 21.0 31.6

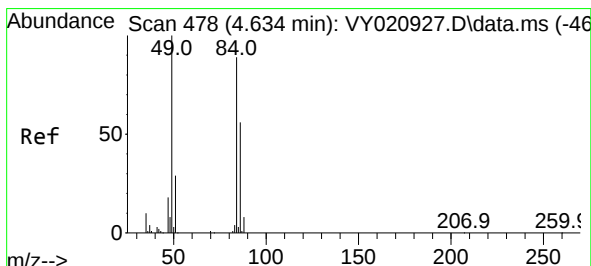
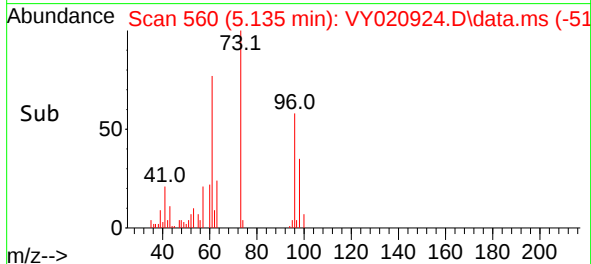
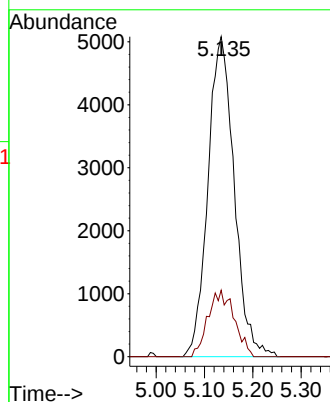
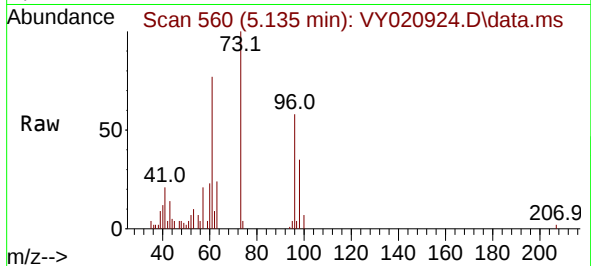




#19
Methyl tert-butyl Ether
Concen: 3.955 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

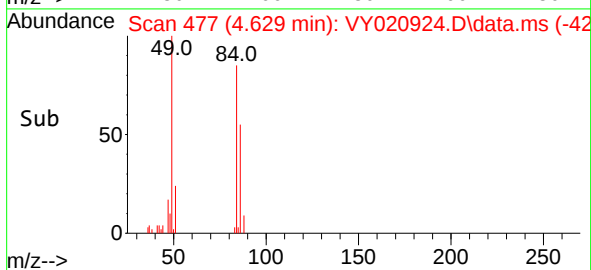
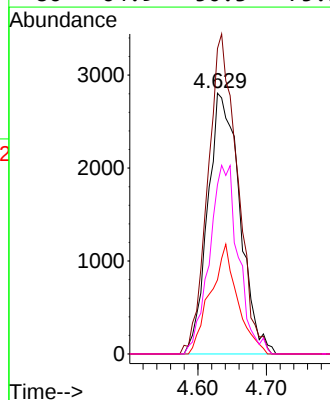
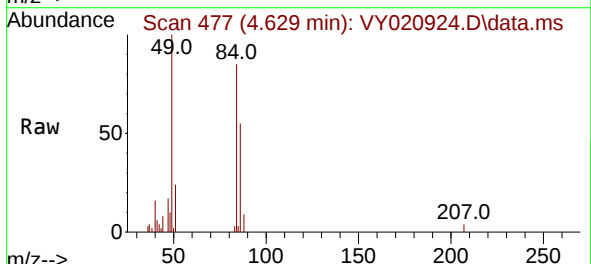
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

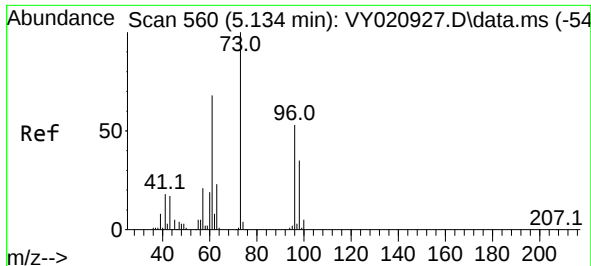
Tgt Ion: 73 Resp: 19149
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6



#20
Methylene Chloride
Concen: 4.392 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 84 Resp: 9087
Ion Ratio Lower Upper
84 100
49 117.1 90.3 135.5
51 28.4 26.6 39.8
86 64.9 50.3 75.5

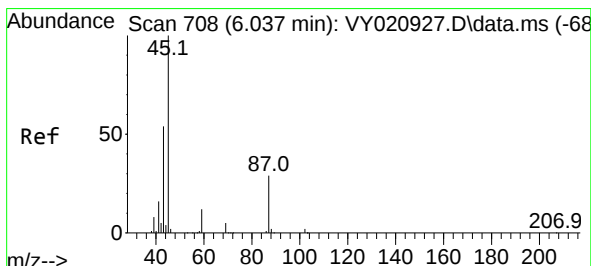
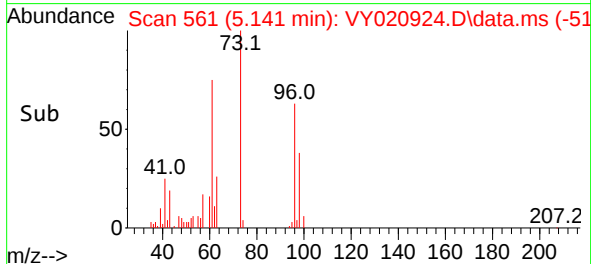
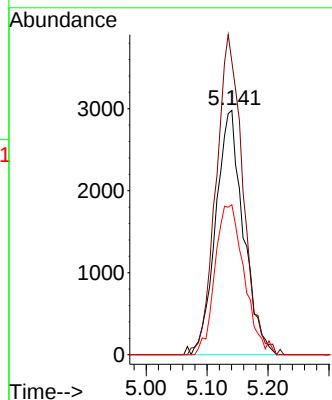
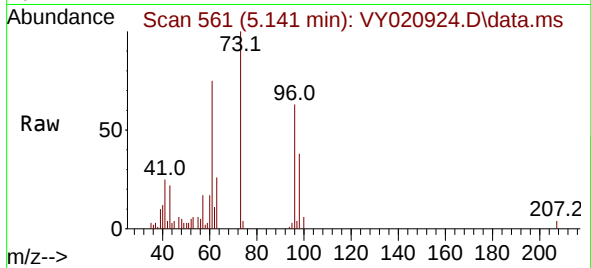




#21
trans-1,2-Dichloroethene
Concen: 4.181 ug/l
RT: 5.141 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

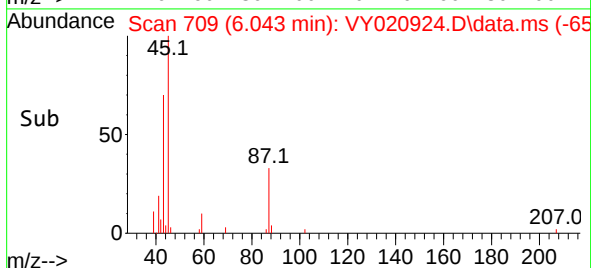
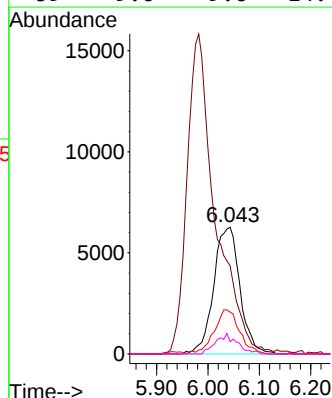
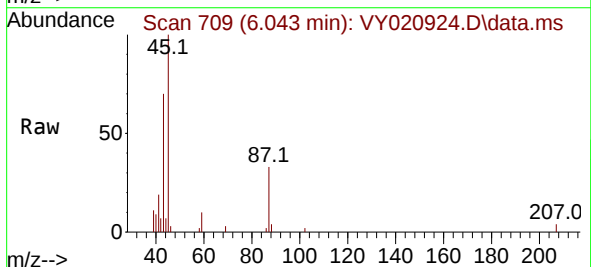
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

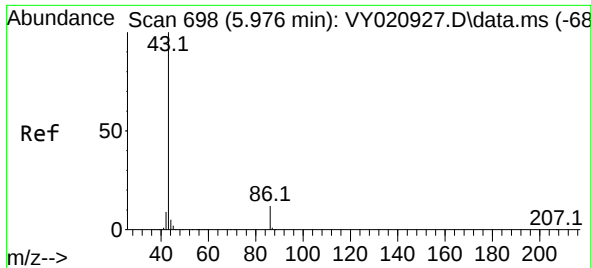
Tgt Ion: 96 Resp: 9423
Ion Ratio Lower Upper
96 100
61 119.8 102.4 153.6
98 61.3 52.0 78.0



#22
Diisopropyl ether
Concen: 3.792 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 45 Resp: 22255
Ion Ratio Lower Upper
45 100
43 67.5 43.2 64.8#
87 33.1 23.4 35.0
59 9.6 9.6 14.4#

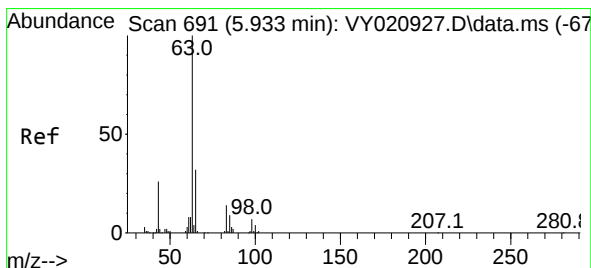
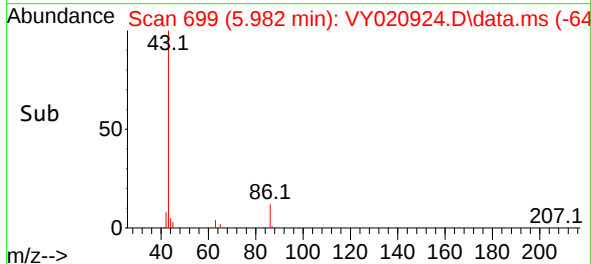
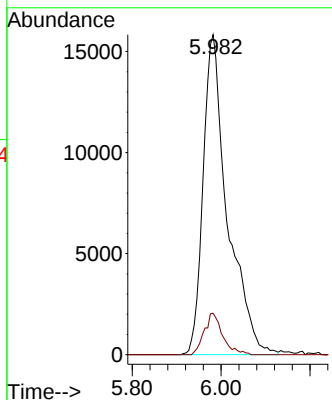
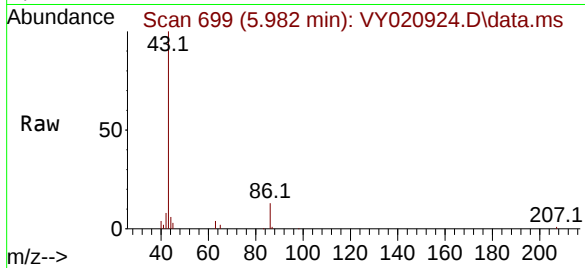




#23
 Vinyl Acetate
 Concen: 18.574 ug/l
 RT: 5.982 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY020924.D
 Acq: 24 Jan 2025 12:49

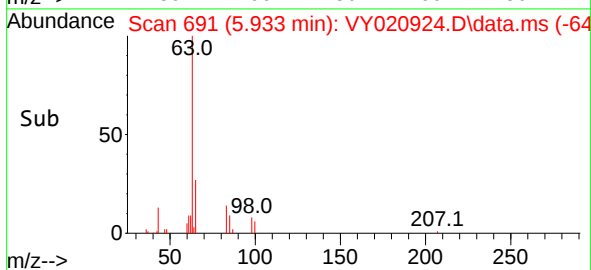
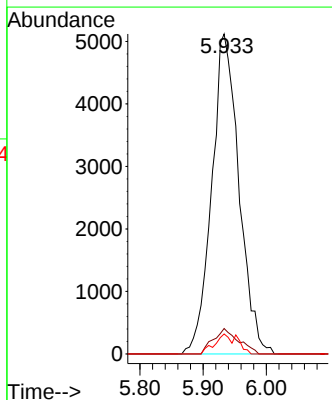
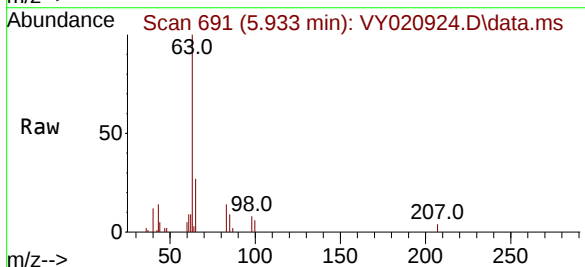
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

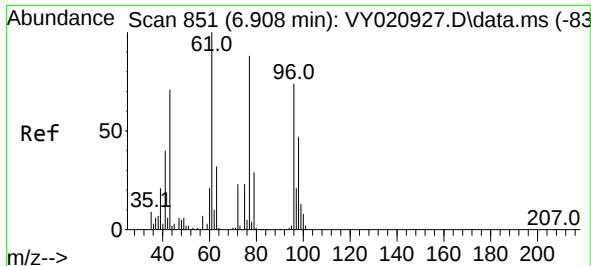
Tgt Ion: 43 Resp: 60326
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 4.116 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020924.D
 Acq: 24 Jan 2025 12:49

Tgt Ion: 63 Resp: 15310
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 6.3 2.3 6.8

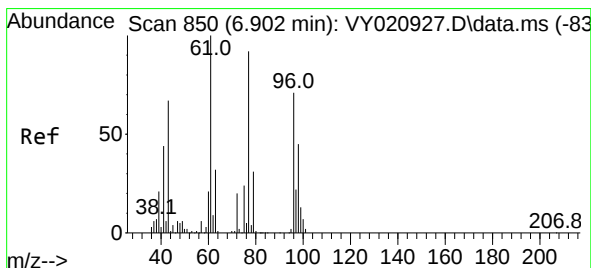
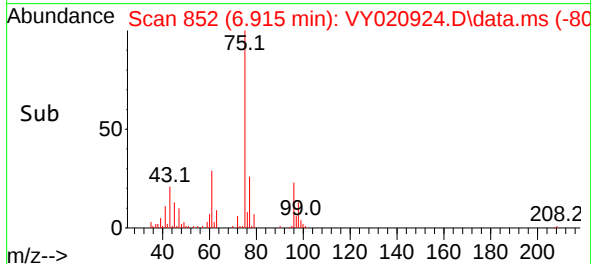
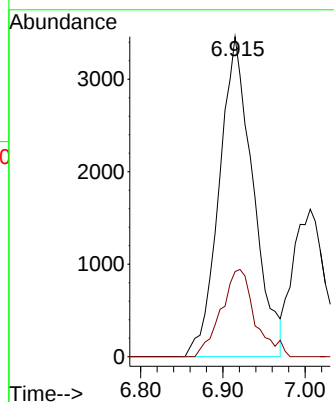
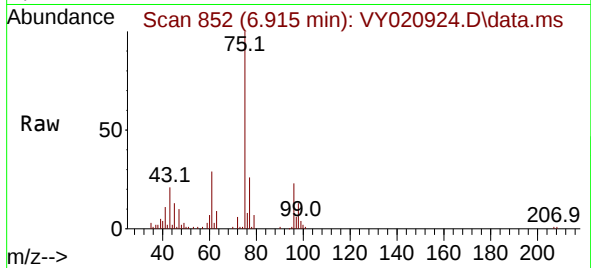




#25
2-Butanone
Concen: 20.964 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

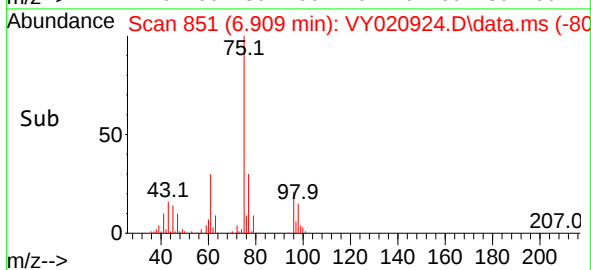
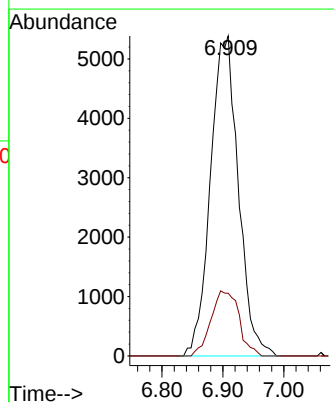
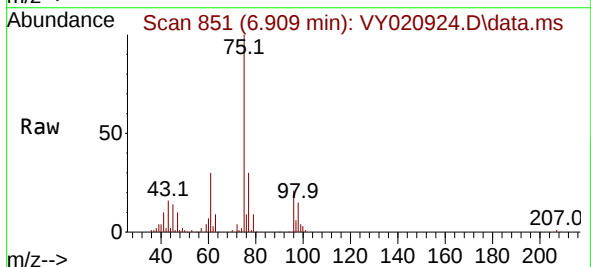
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

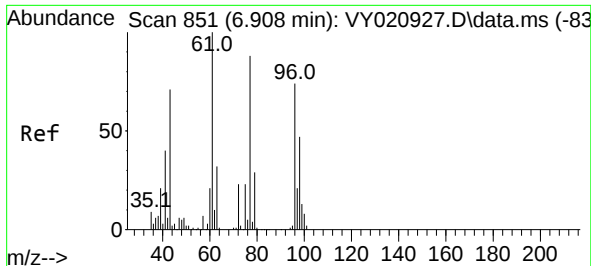
Tgt Ion: 43 Resp: 9879
Ion Ratio Lower Upper
43 100
72 26.6 25.8 38.8



#26
2,2-Dichloropropane
Concen: 4.675 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 77 Resp: 17130
Ion Ratio Lower Upper
77 100
97 20.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 4.220 ug/l

RT: 6.903 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

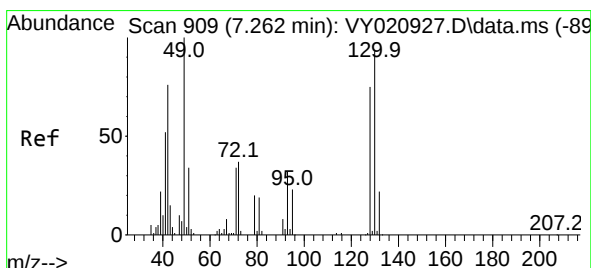
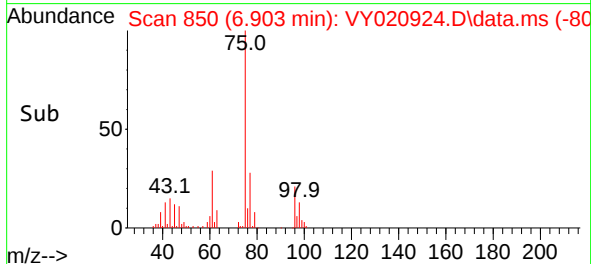
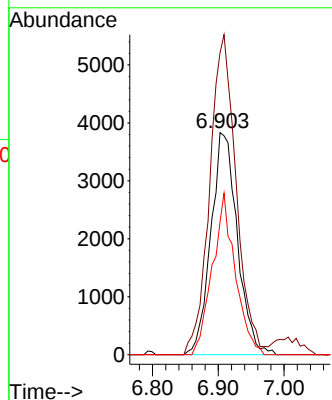
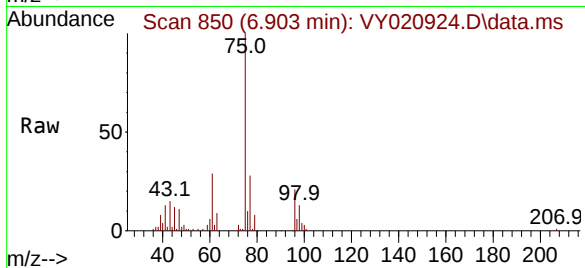
Tgt Ion: 96 Resp: 10734

Ion Ratio Lower Upper

96 100

61 144.1 0.0 275.2

98 62.8 0.0 129.6



#28

Bromochloromethane

Concen: 3.851 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

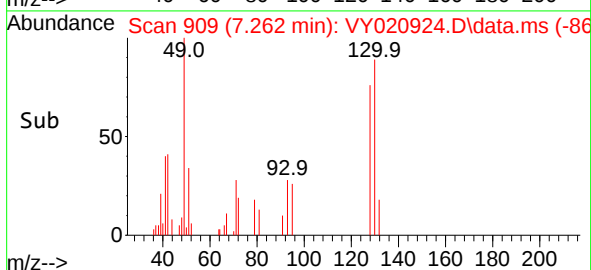
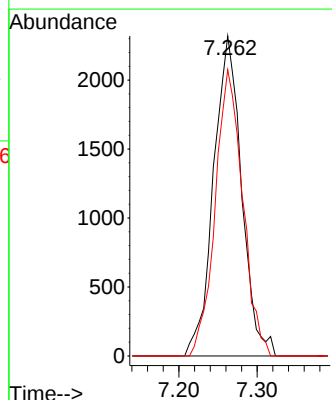
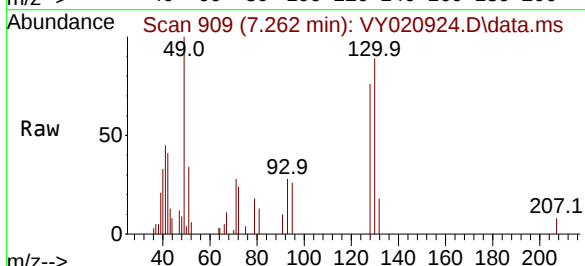
Tgt Ion: 49 Resp: 5765

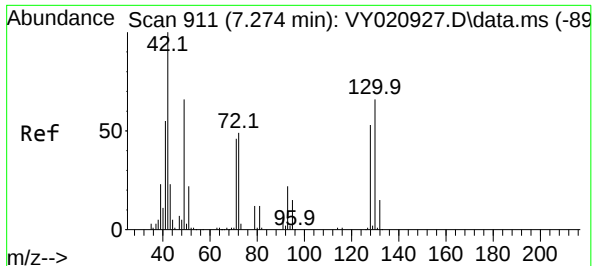
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 87.7 72.6 109.0





#29

Tetrahydrofuran

Concen: 18.010 ug/l

RT: 7.287 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

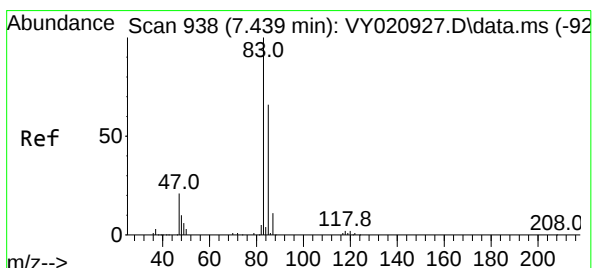
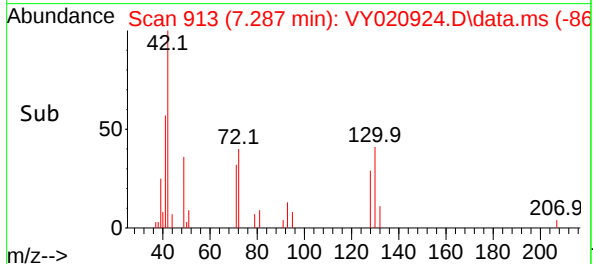
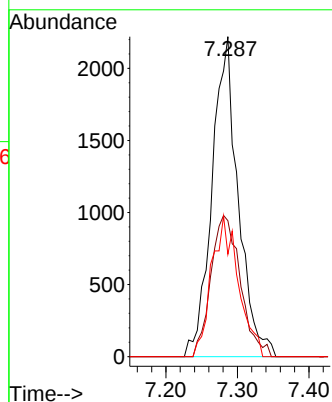
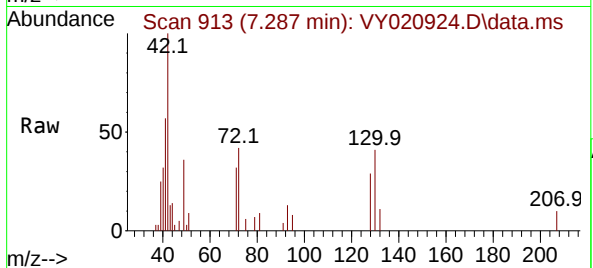
Tgt Ion: 42 Resp: 5656

Ion Ratio Lower Upper

42 100

72 49.5 38.8 58.2

71 44.8 36.4 54.6



#30

Chloroform

Concen: 4.218 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020924.D

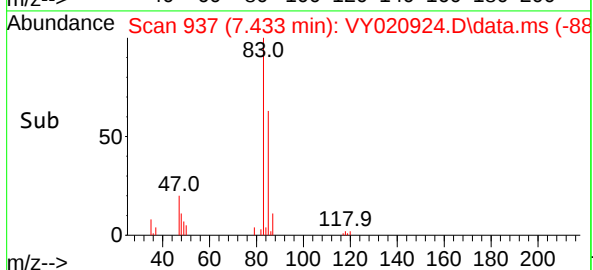
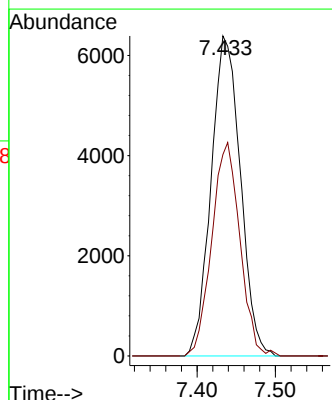
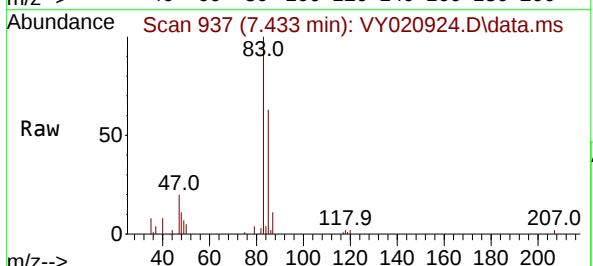
Acq: 24 Jan 2025 12:49

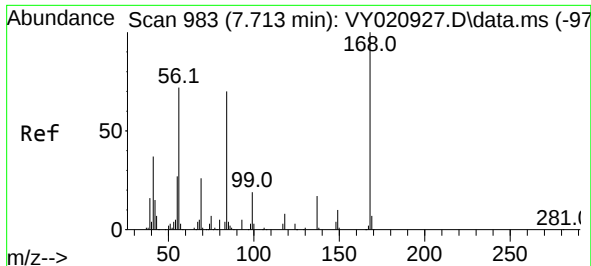
Tgt Ion: 83 Resp: 16606

Ion Ratio Lower Upper

83 100

85 63.0 53.0 79.4

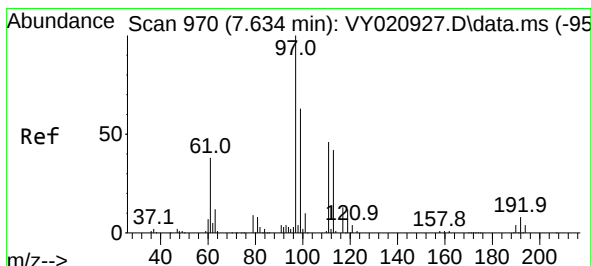
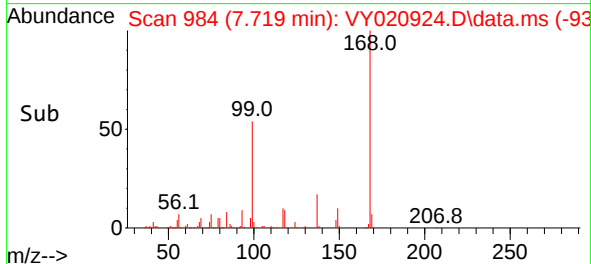
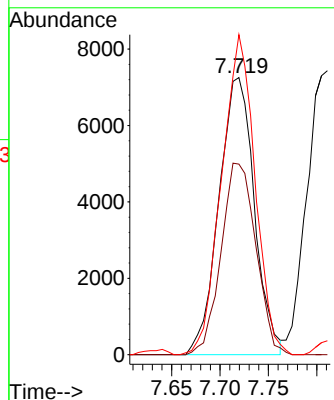
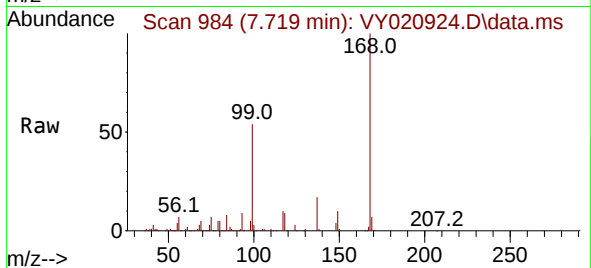




#31
Cyclohexane
Concen: 5.053 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

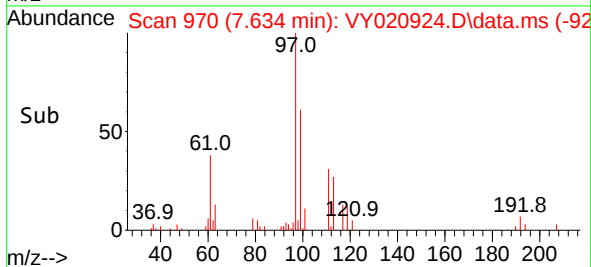
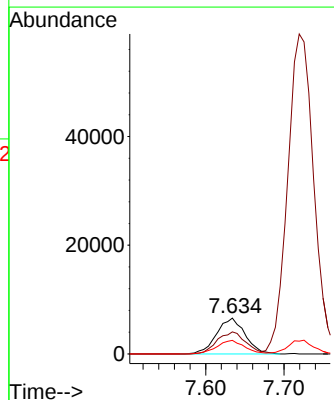
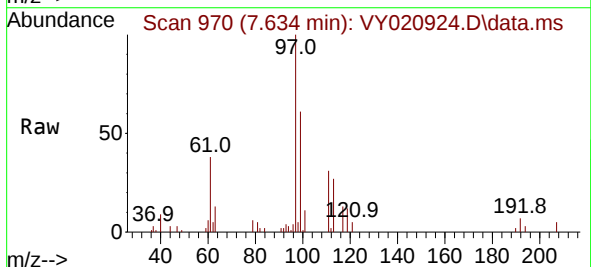
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

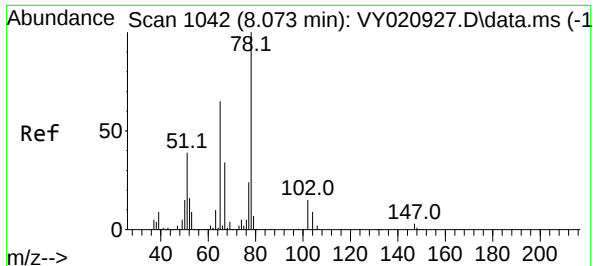
Tgt Ion: 56 Resp: 18475
Ion Ratio Lower Upper
56 100
69 68.8 28.7 43.1#
84 115.5 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 4.370 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 97 Resp: 16688
Ion Ratio Lower Upper
97 100
99 61.3 51.7 77.5
61 36.8 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 2.741 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

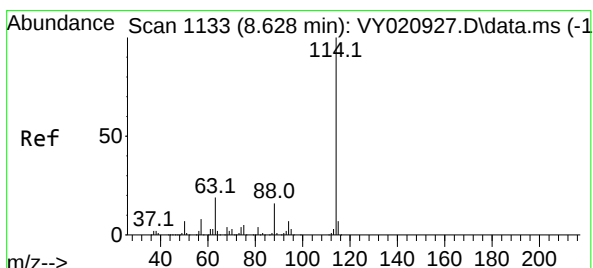
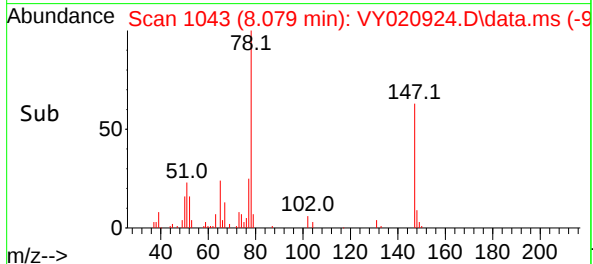
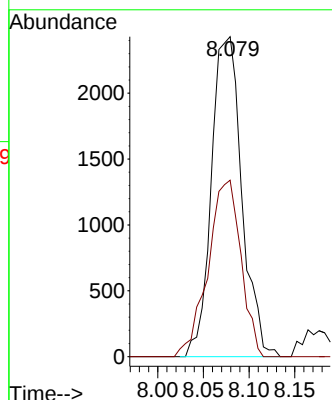
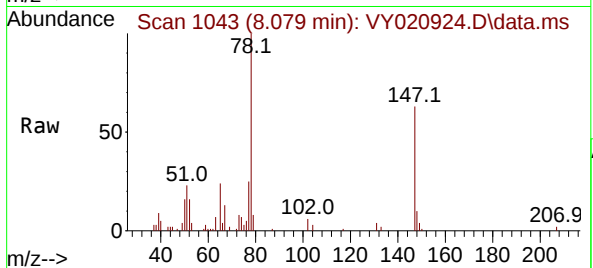
VSTDIC005

Tgt Ion: 65 Resp: 5628

Ion Ratio Lower Upper

65 100

67 59.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

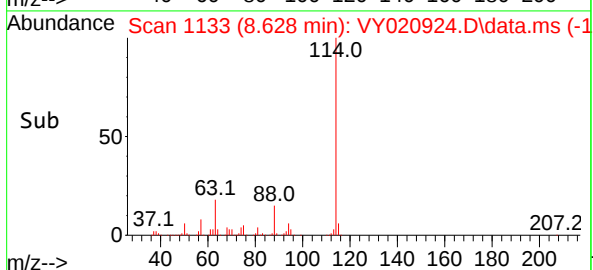
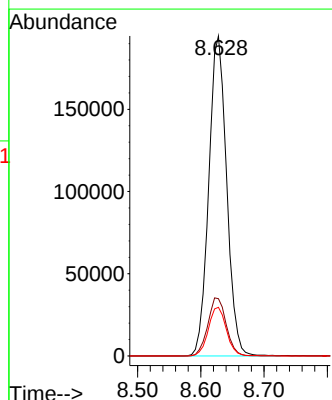
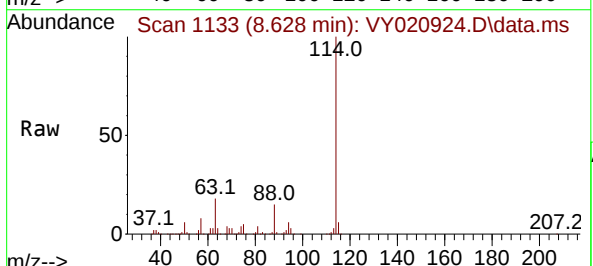
Tgt Ion: 114 Resp: 382964

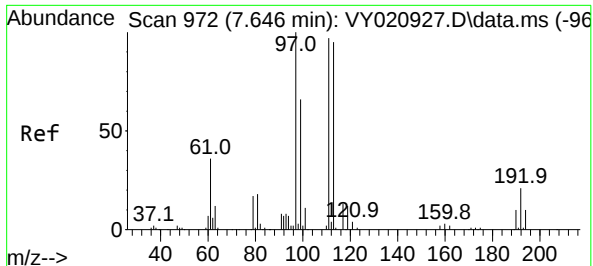
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 15.2 0.0 31.6

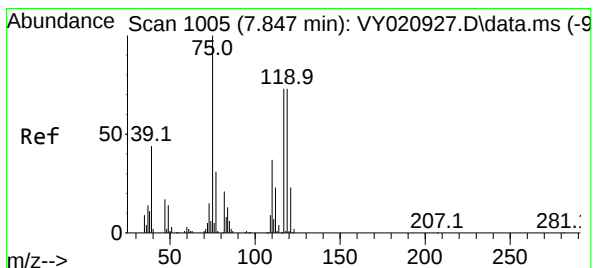
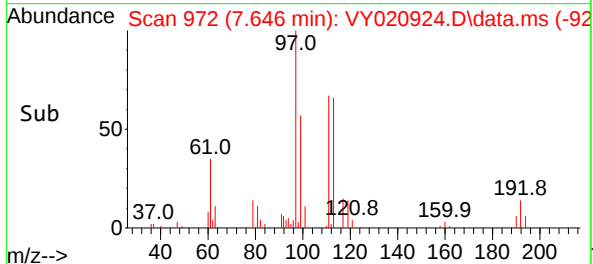
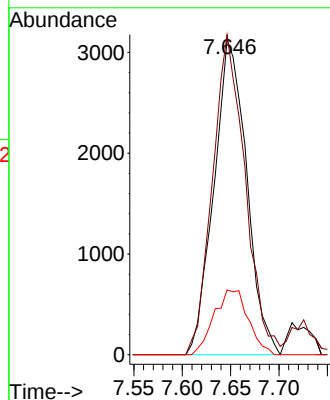
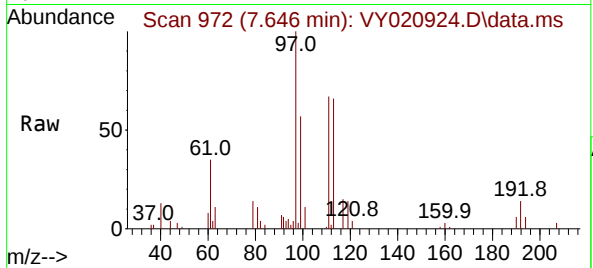




#35
Dibromofluoromethane
Concen: 3.355 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

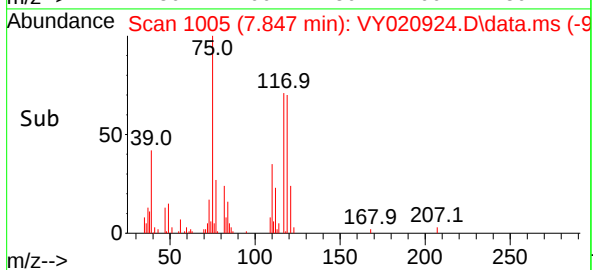
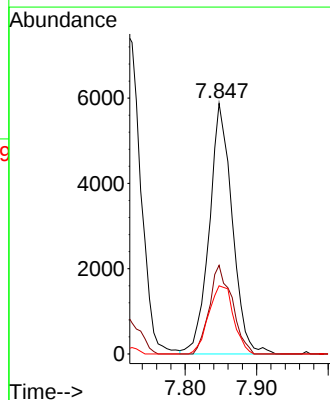
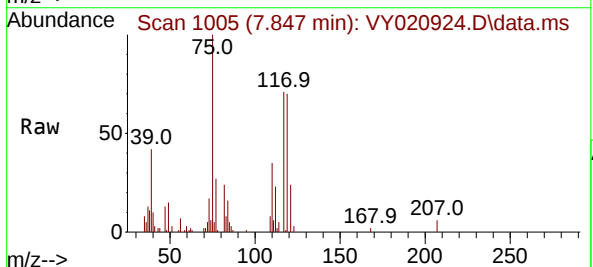
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

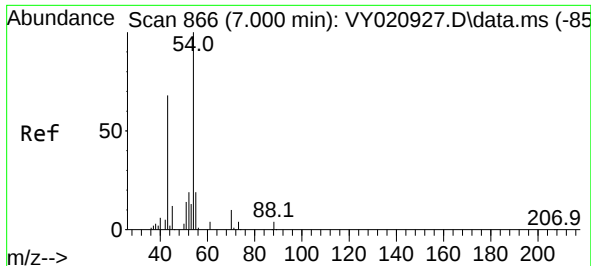
Tgt Ion:113 Resp: 7375
Ion Ratio Lower Upper
113 100
111 100.8 82.3 123.5
192 21.5 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.271 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 75 Resp: 13110
Ion Ratio Lower Upper
75 100
110 35.1 18.5 55.5
77 29.6 25.0 37.4





#37

Ethyl Acetate

Concen: 3.956 ug/l

RT: 7.006 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

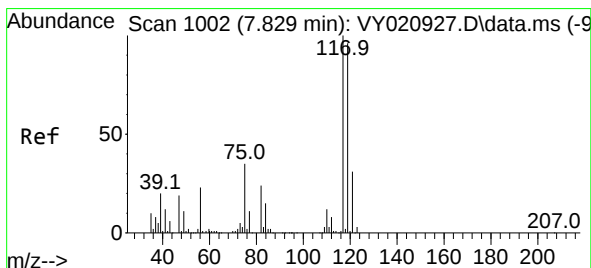
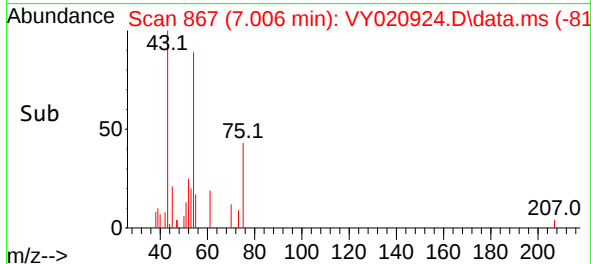
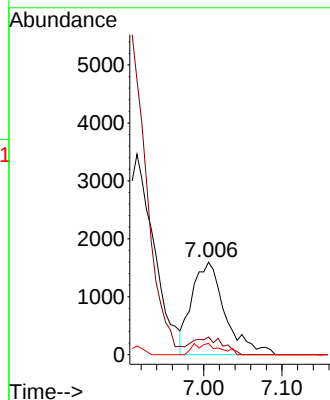
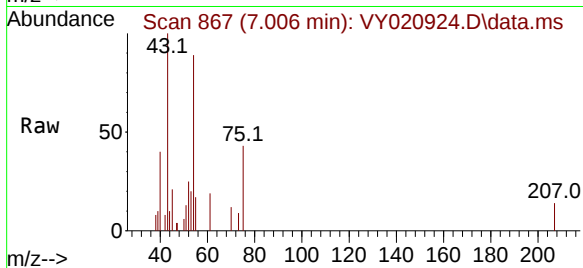
Tgt Ion: 43 Resp: 4711

Ion Ratio Lower Upper

43 100

61 17.2 12.1 18.1

70 9.6 9.5 14.3



#38

Carbon Tetrachloride

Concen: 4.289 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

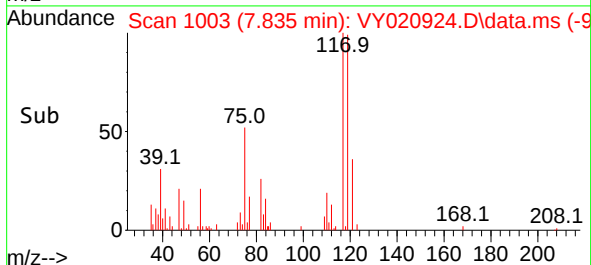
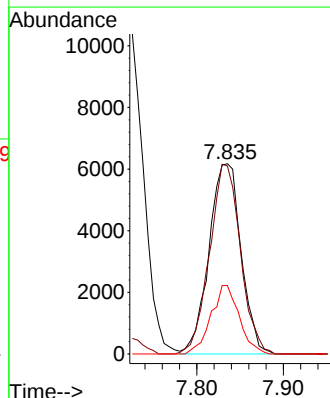
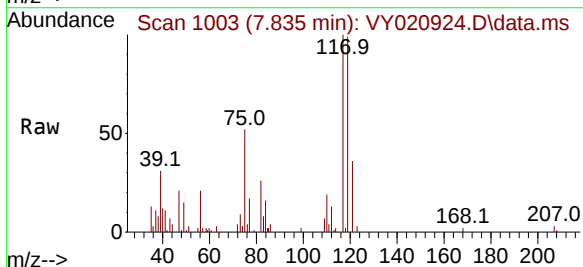
Tgt Ion: 117 Resp: 15878

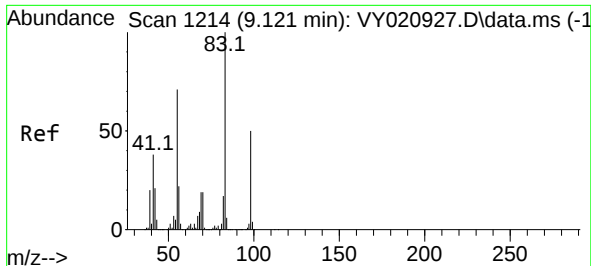
Ion Ratio Lower Upper

117 100

119 98.8 76.5 114.7

121 36.0 25.0 37.4





#39

Methylcyclohexane

Concen: 4.080 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

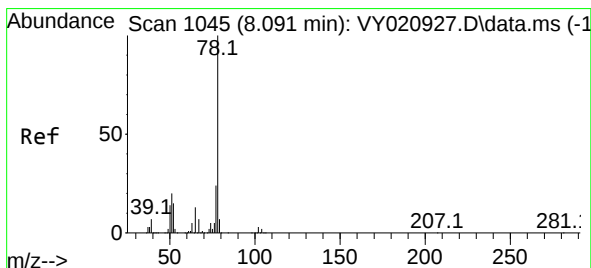
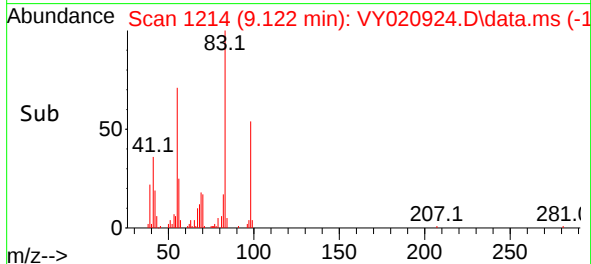
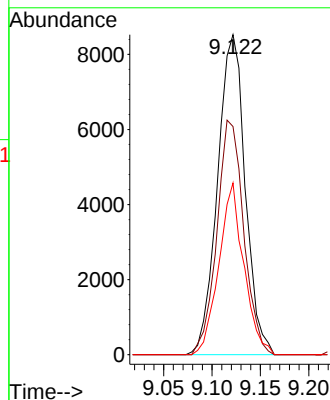
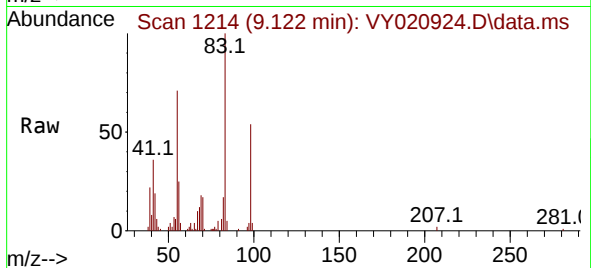
Tgt Ion: 83 Resp: 16956

Ion Ratio Lower Upper

83 100

55 71.3 57.0 85.4

98 53.7 40.1 60.1



#40

Benzene

Concen: 4.131 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020924.D

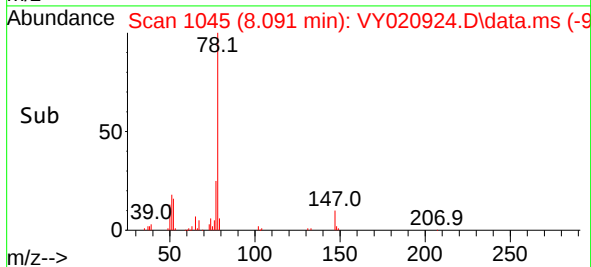
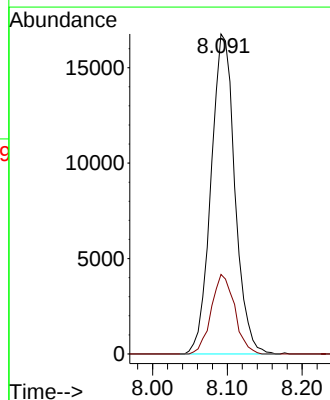
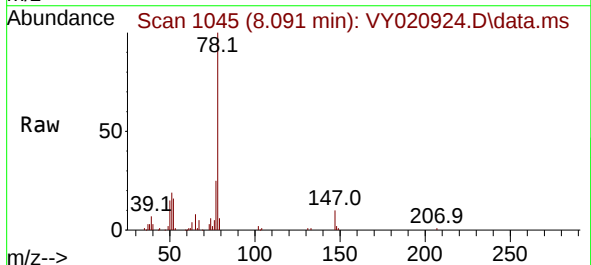
Acq: 24 Jan 2025 12:49

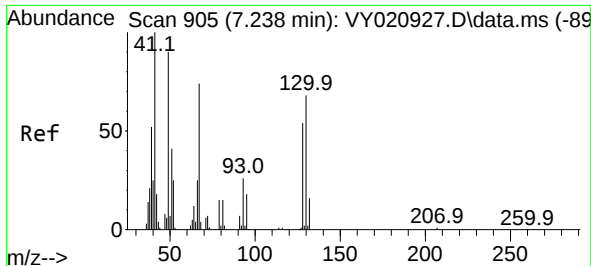
Tgt Ion: 78 Resp: 37199

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

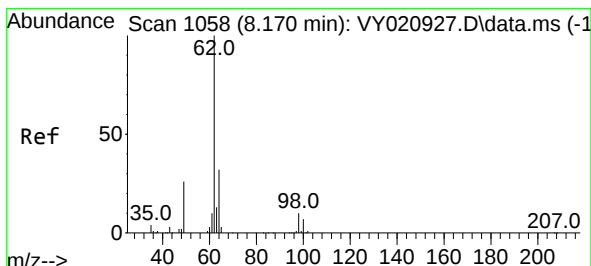
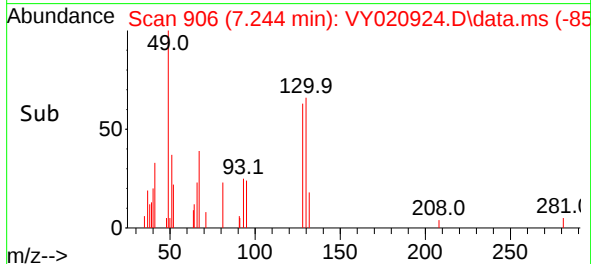
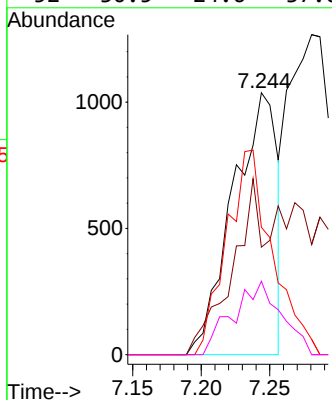
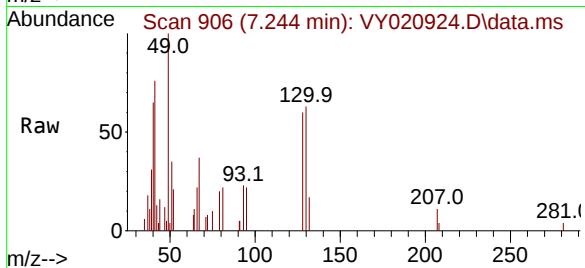




#41
Methacrylonitrile
Concen: 3.707 ug/l
RT: 7.244 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

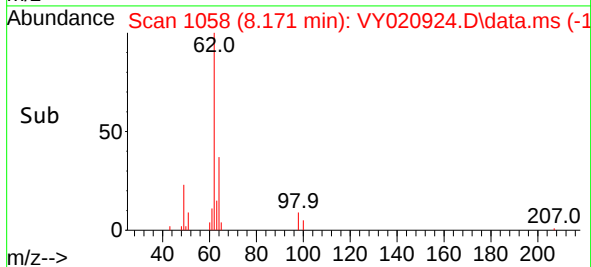
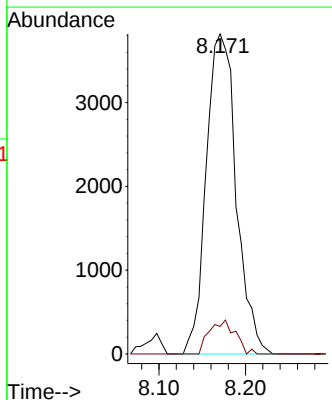
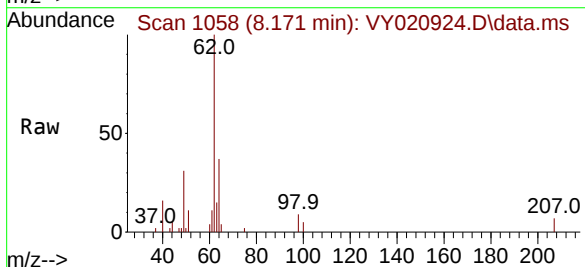
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

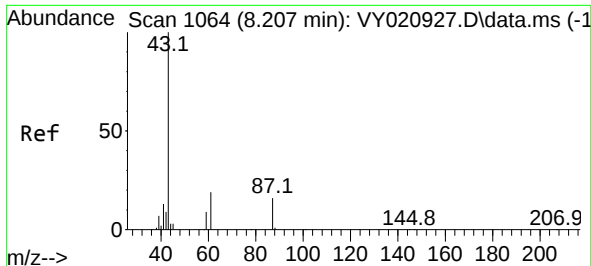
Tgt Ion:	41	Resp:	2332
Ion	Ratio	Lower	Upper
41	100		
39	50.9	46.4	69.6
67	80.3	66.7	100.1
52	30.5	24.6	37.0



#42
1,2-Dichloroethane
Concen: 4.099 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion:	62	Resp:	9185
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.8

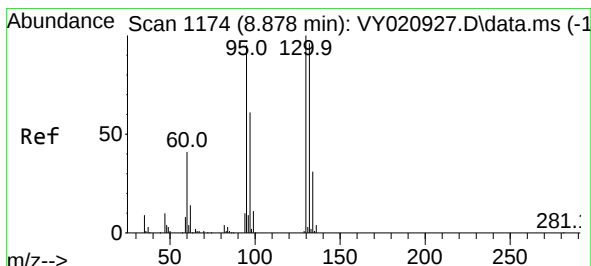
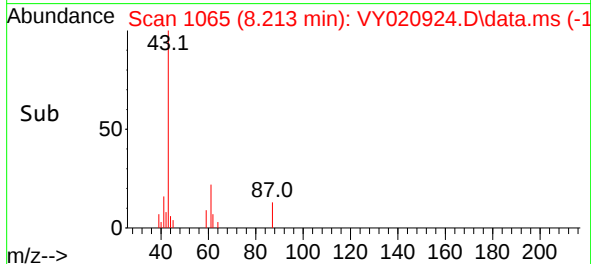
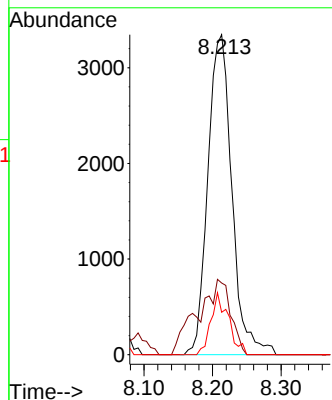
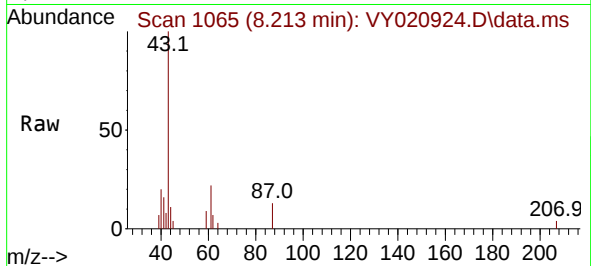




#43
Isopropyl Acetate
Concen: 3.609 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

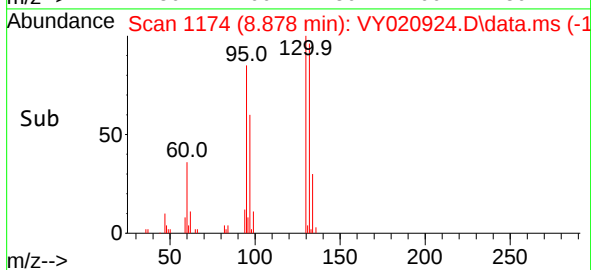
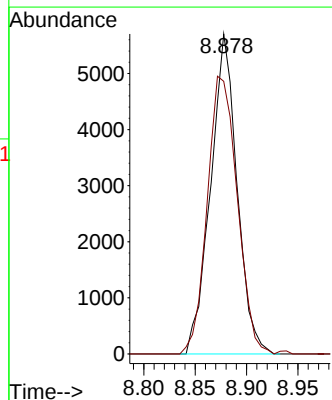
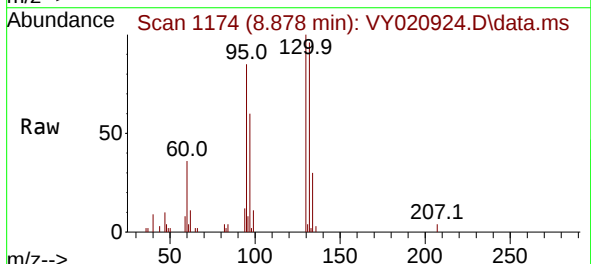
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

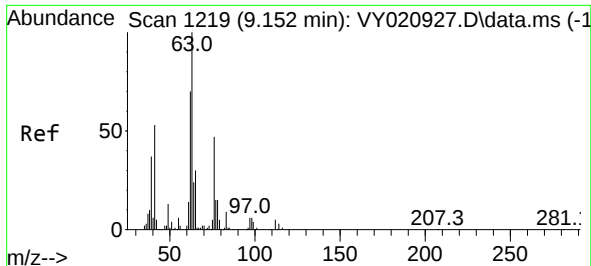
Tgt Ion: 43 Resp: 8151
Ion Ratio Lower Upper
43 100
61 32.4 26.0 39.0
87 14.2 12.4 18.6



#44
Trichloroethene
Concen: 4.173 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 130 Resp: 10210
Ion Ratio Lower Upper
130 100
95 85.2 0.0 189.4





#45

1,2-Dichloropropane

Concen: 4.079 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

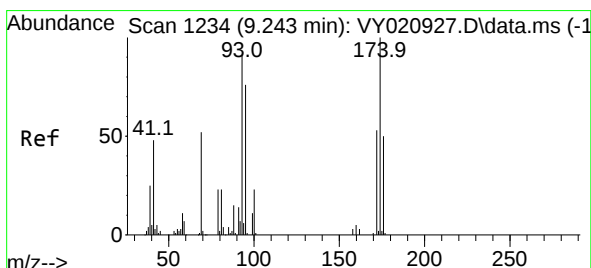
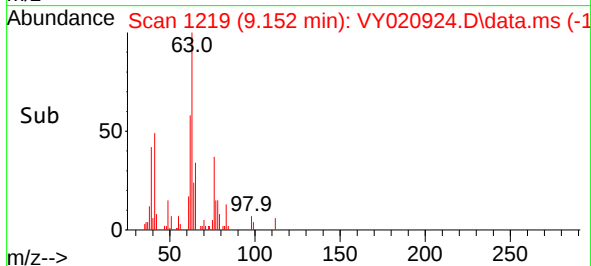
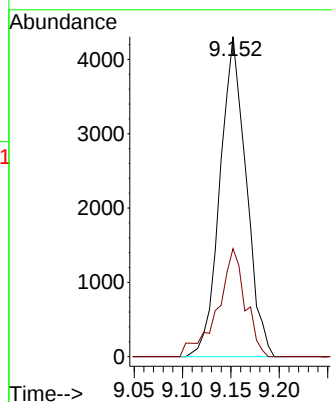
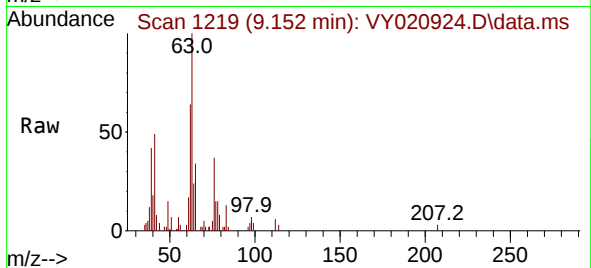
VSTDIC005

Tgt Ion: 63 Resp: 8108

Ion Ratio Lower Upper

63 100

65 33.7 23.9 35.9



#46

Dibromomethane

Concen: 3.986 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

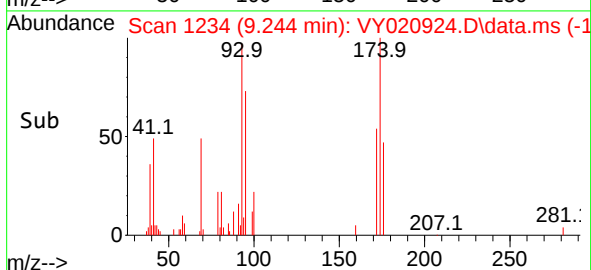
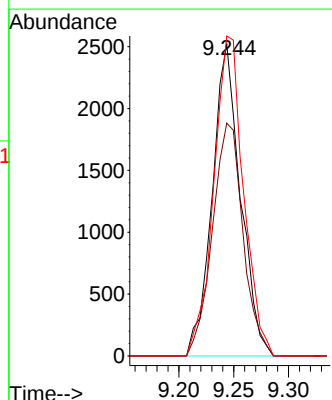
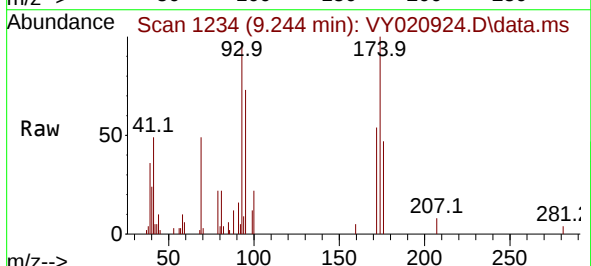
Tgt Ion: 93 Resp: 4505

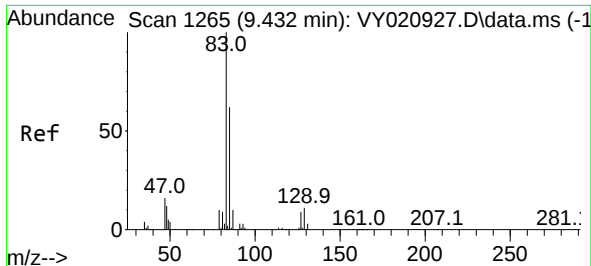
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.2

174 108.5 87.0 130.4

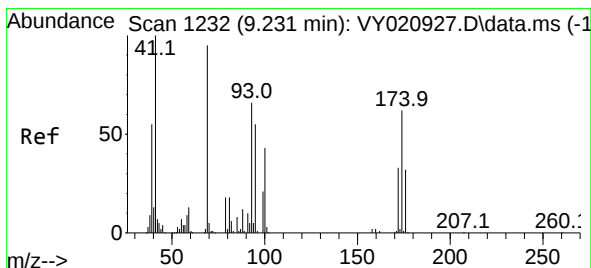
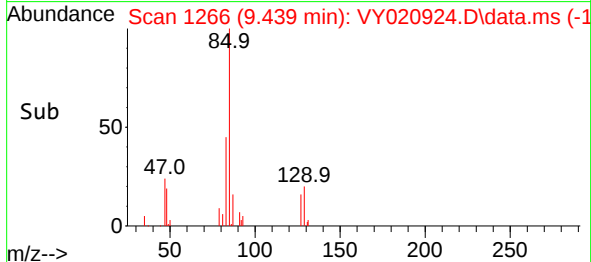
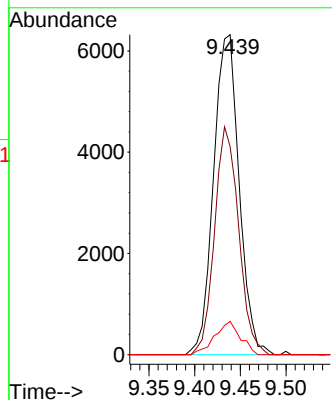
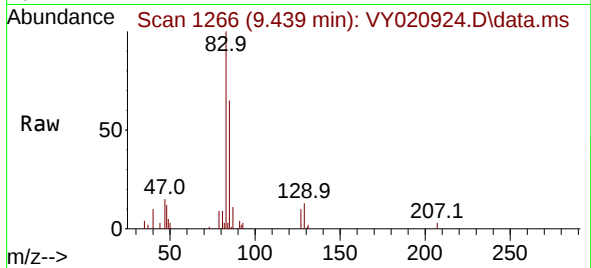




#47
Bromodichloromethane
Concen: 4.096 ug/l
RT: 9.439 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

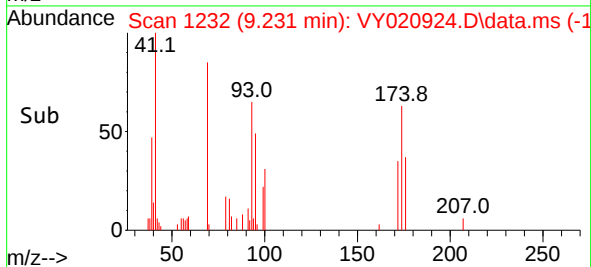
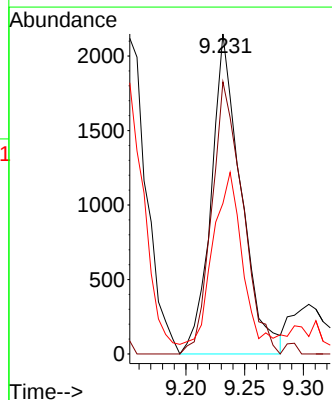
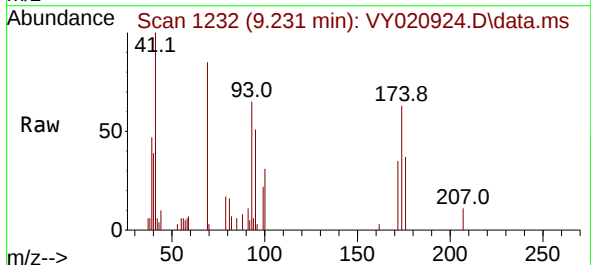
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

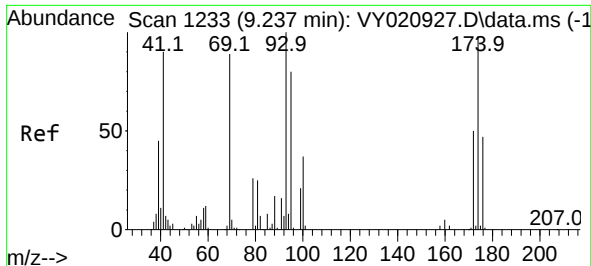
Tgt Ion: 83 Resp: 12317
Ion Ratio Lower Upper
83 100
85 65.1 49.3 73.9
127 10.4 7.4 11.0



#48
Methyl methacrylate
Concen: 3.566 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 41 Resp: 3799
Ion Ratio Lower Upper
41 100
69 87.8 77.0 115.4
39 53.2 41.1 61.7

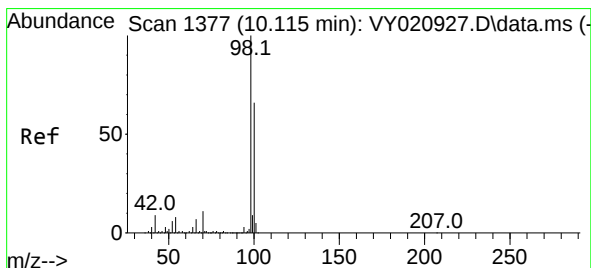
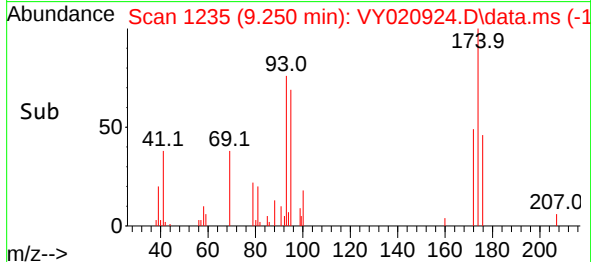
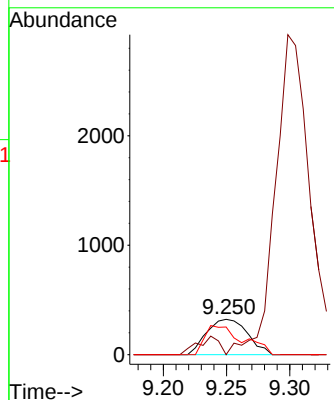
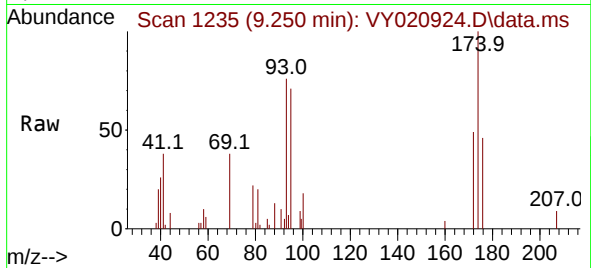




#49
1,4-Dioxane
Concen: 62.480 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.012 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

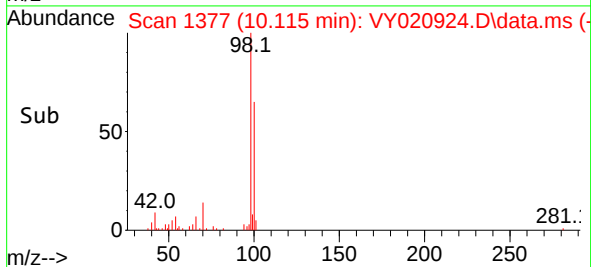
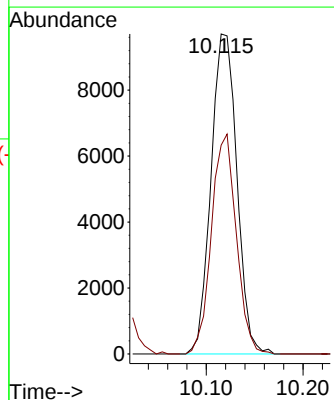
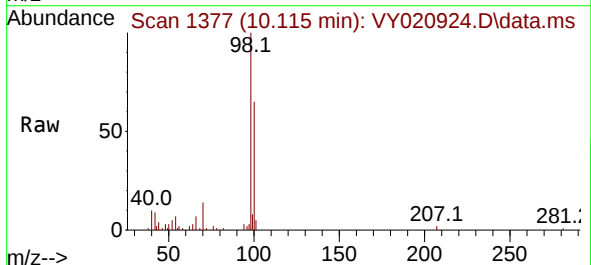
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

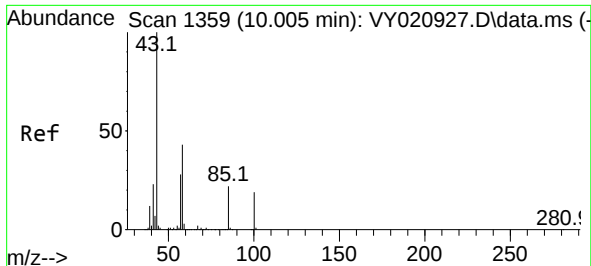
Tgt Ion: 88 Resp: 727
Ion Ratio Lower Upper
88 100
43 27.4 23.1 34.7
58 76.1 49.0 73.6#



#50
Toluene-d8
Concen: 2.115 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 98 Resp: 18032
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5

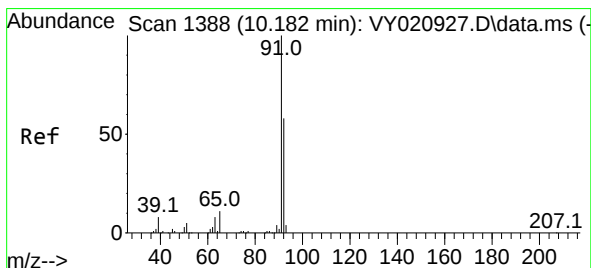
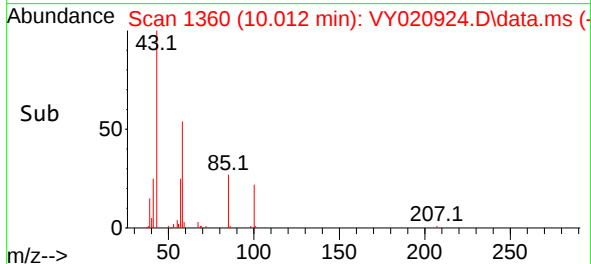
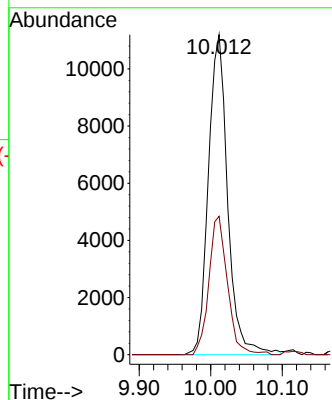
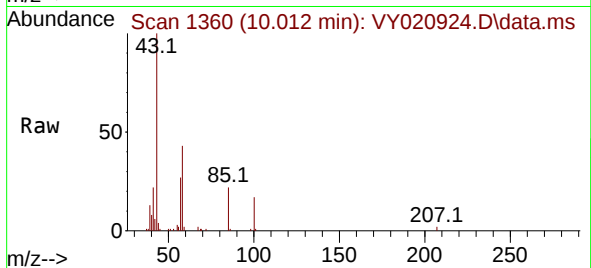




#51
4-Methyl-2-Pentanone
Concen: 18.389 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

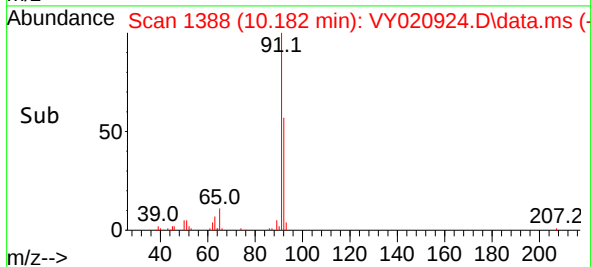
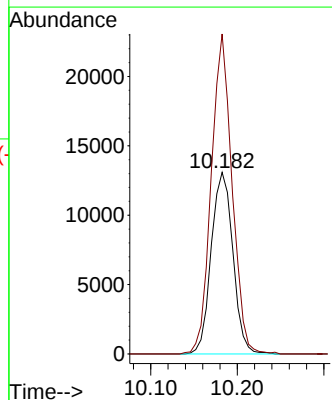
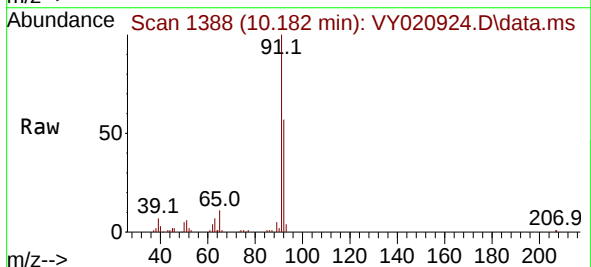
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

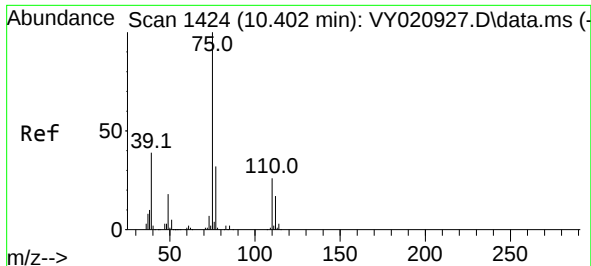
Tgt Ion: 43 Resp: 20940
Ion Ratio Lower Upper
43 100
58 41.8 33.7 50.5



#52
Toluene
Concen: 3.930 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 92 Resp: 22759
Ion Ratio Lower Upper
92 100
91 169.3 137.3 205.9

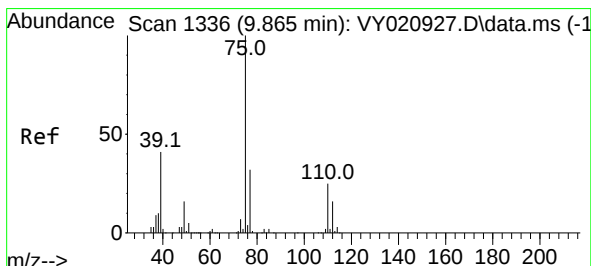
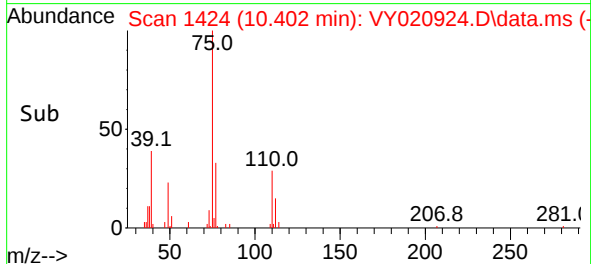
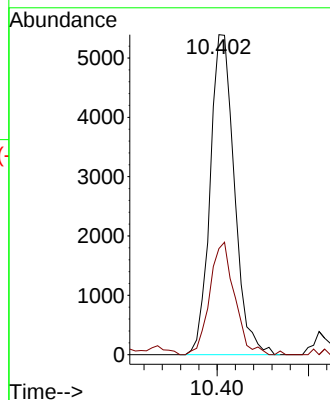
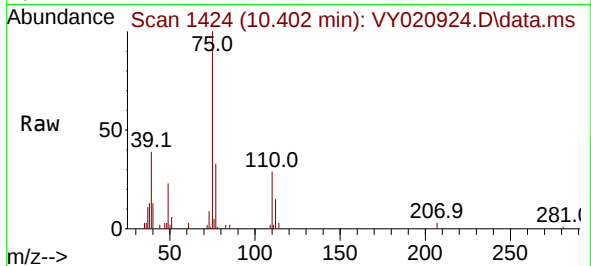




#53
t-1,3-Dichloropropene
Concen: 3.604 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

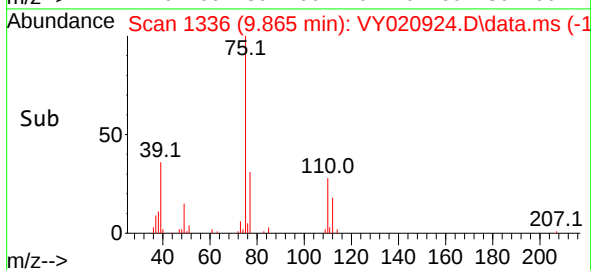
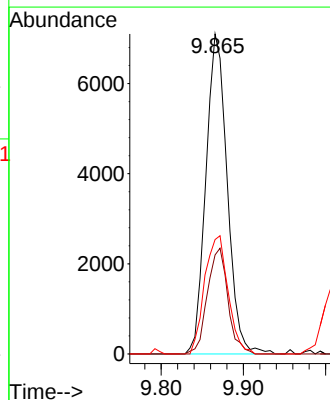
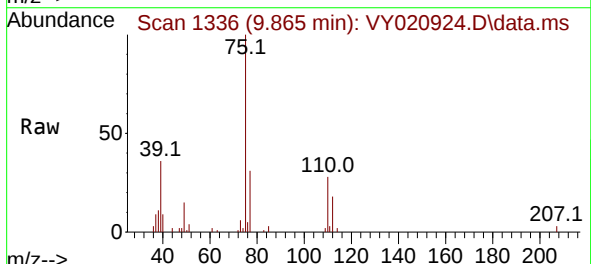
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

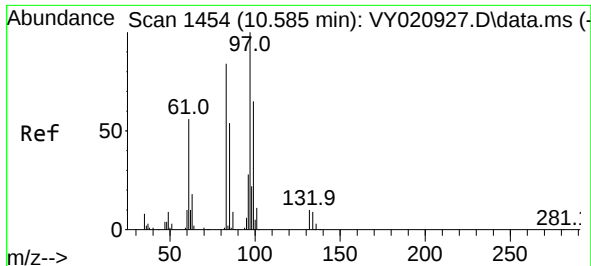
Tgt Ion: 75 Resp: 9936
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 3.895 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 75 Resp: 12823
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
39 35.7 32.8 49.2

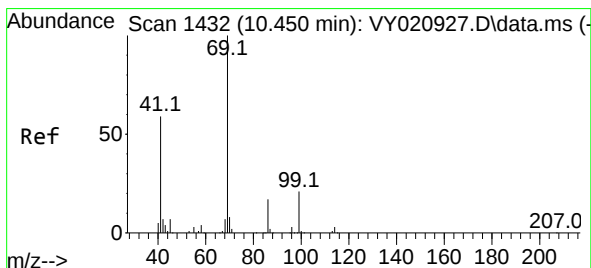
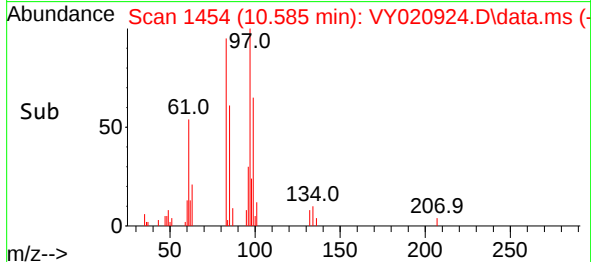
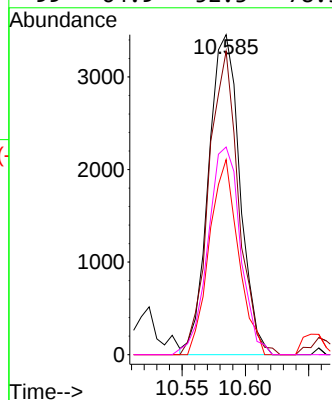
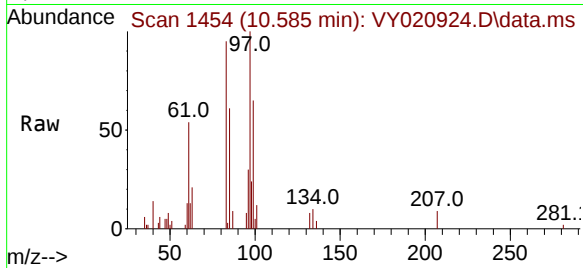




#55
1,1,2-Trichloroethane
Concen: 3.907 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

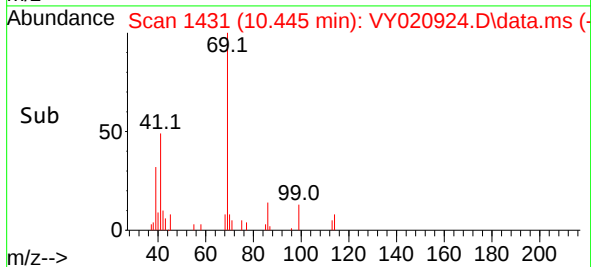
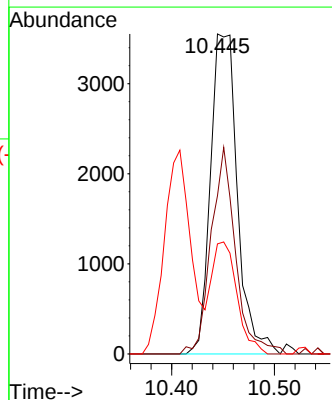
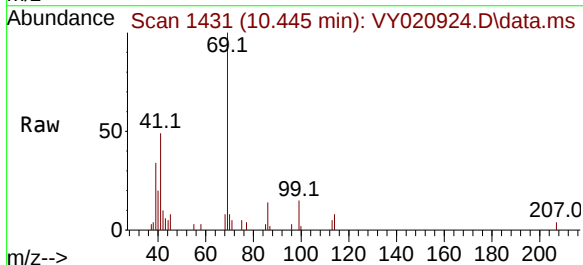
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

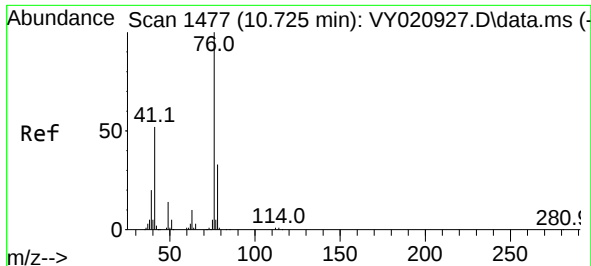
Tgt Ion: 97	Resp: 5968
Ion Ratio	Lower Upper
97 100	
83 94.8	67.0 100.6
85 60.9	43.1 64.7
99 64.9	52.3 78.5



#56
Ethyl methacrylate
Concen: 3.232 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 69	Resp: 6471
Ion Ratio	Lower Upper
69 100	
41 58.8	46.6 70.0
39 32.8	23.9 35.9





#57

1,3-Dichloropropane

Concen: 3.810 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

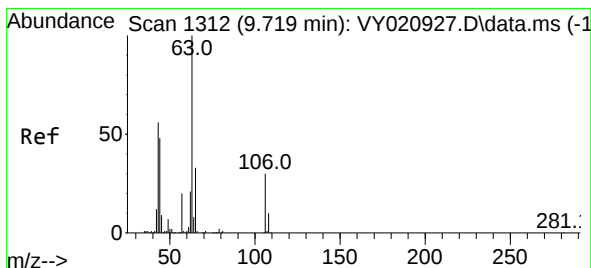
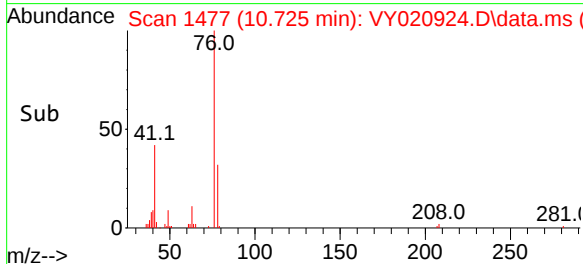
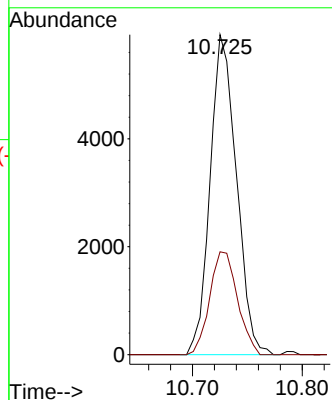
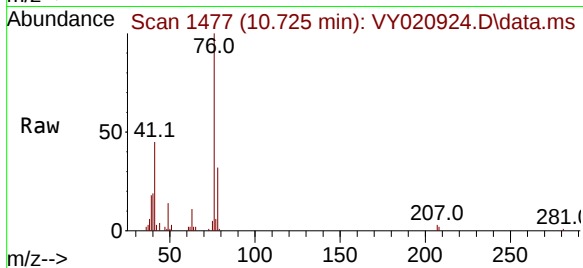
VSTDIC005

Tgt Ion: 76 Resp: 9888

Ion Ratio Lower Upper

76 100

78 33.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 19.511 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020924.D

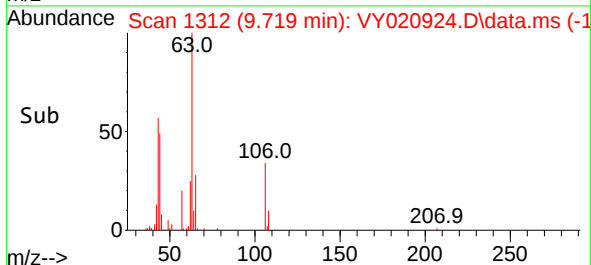
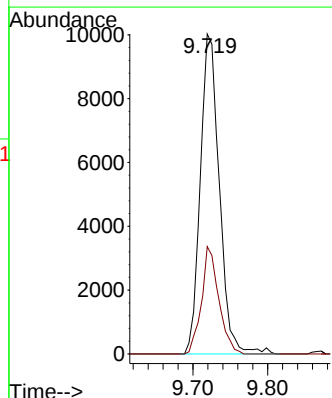
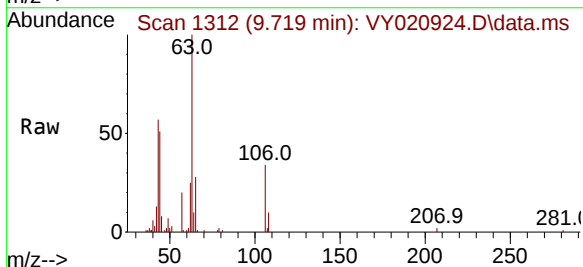
Acq: 24 Jan 2025 12:49

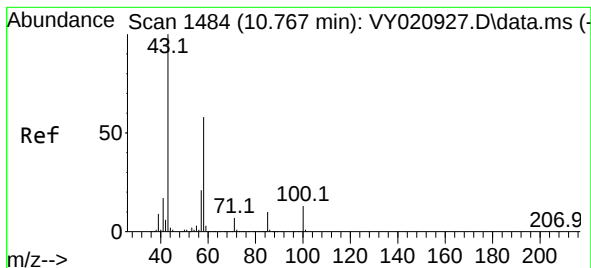
Tgt Ion: 63 Resp: 17728

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1





#59

2-Hexanone

Concen: 15.991 ug/l

RT: 10.774 min Scan# 1485

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

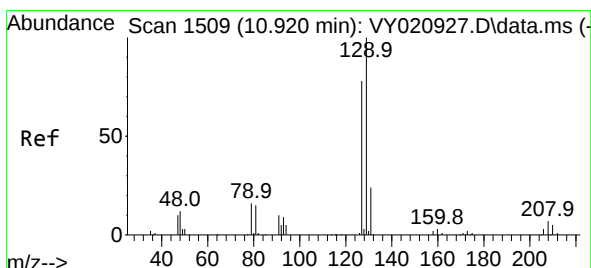
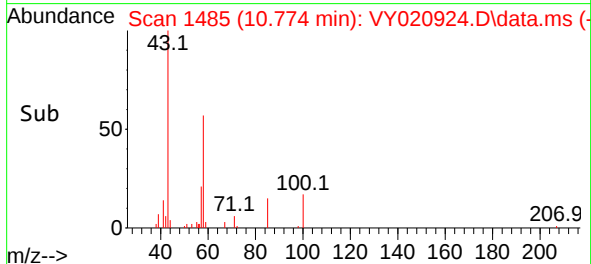
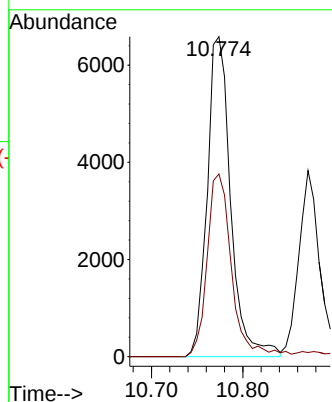
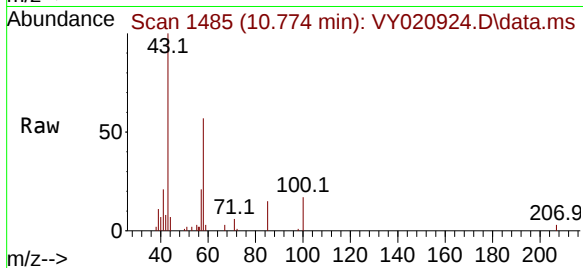
VSTDIC005

Tgt Ion: 43 Resp: 11709

Ion Ratio Lower Upper

43 100

58 59.5 29.9 89.8



#60

Dibromochloromethane

Concen: 3.882 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VY020924.D

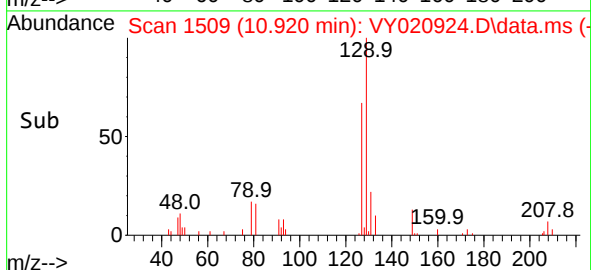
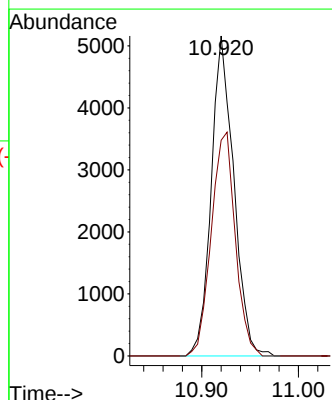
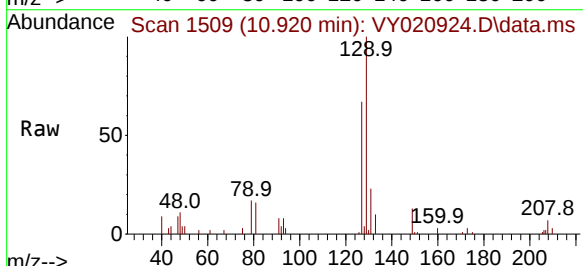
Acq: 24 Jan 2025 12:49

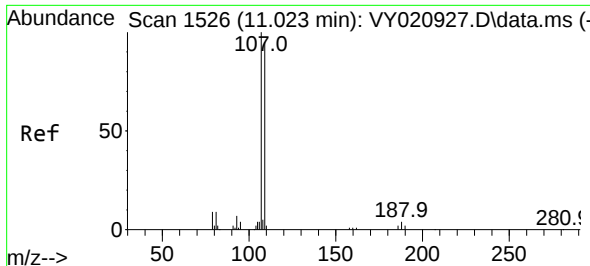
Tgt Ion:129 Resp: 8346

Ion Ratio Lower Upper

129 100

127 74.6 39.2 117.6

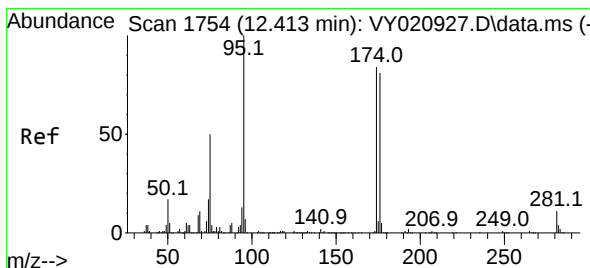
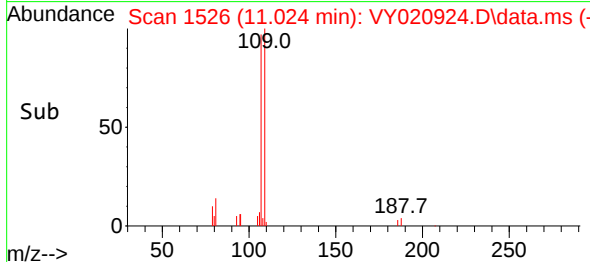
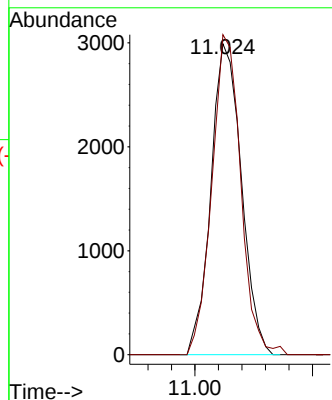
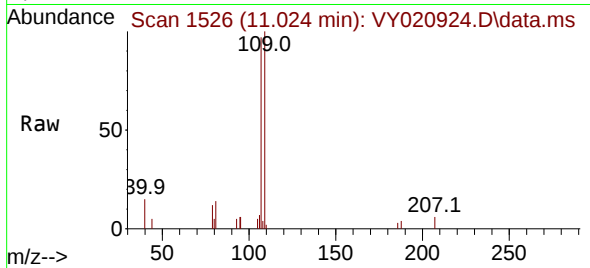




#61
1,2-Dibromoethane
Concen: 3.691 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

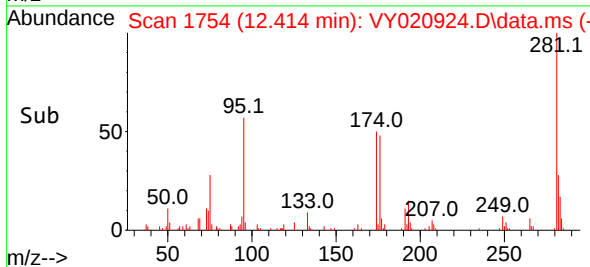
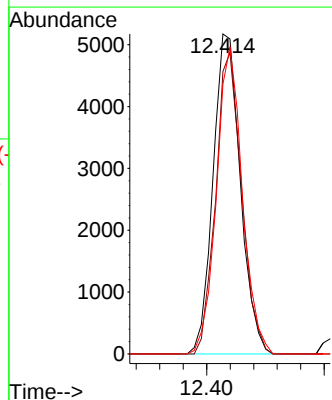
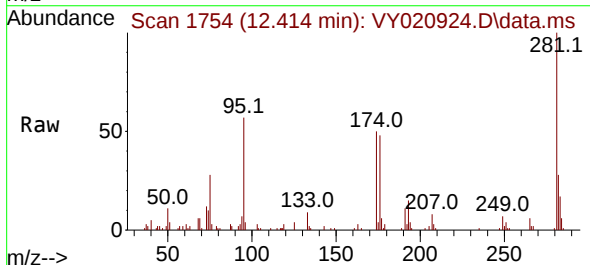
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

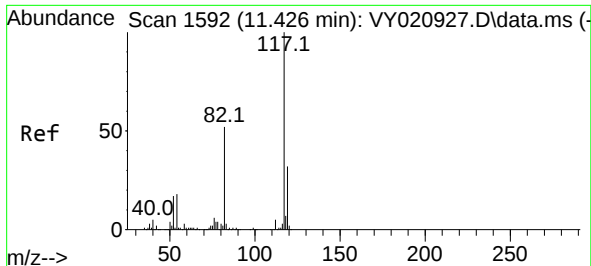
Tgt Ion:107 Resp: 5393
Ion Ratio Lower Upper
107 100
109 97.5 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 2.938 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 95 Resp: 8337
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.4
176 90.8 0.0 172.2

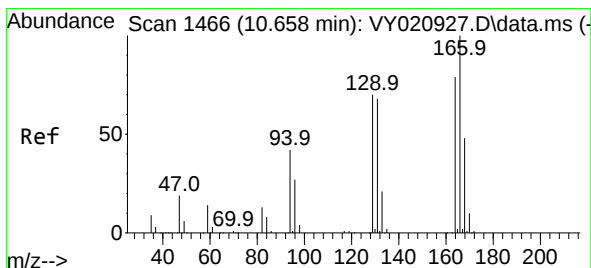
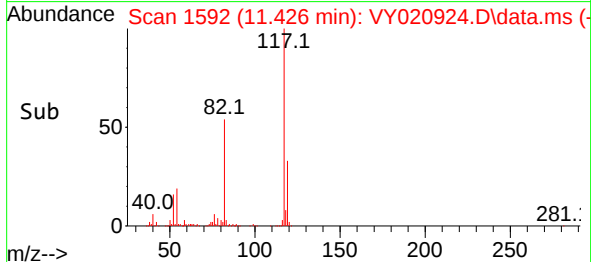
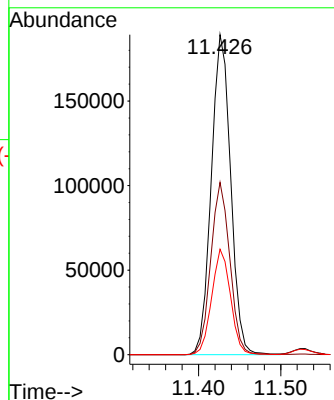
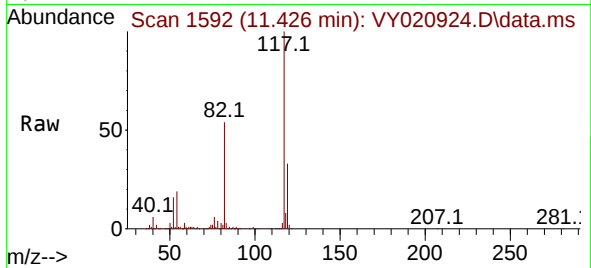




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

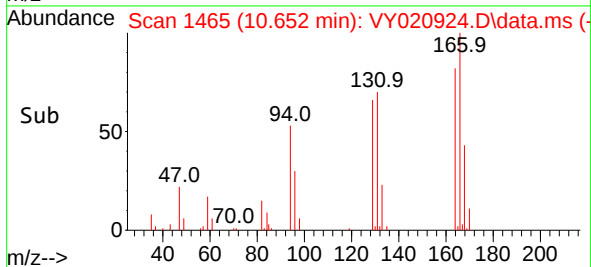
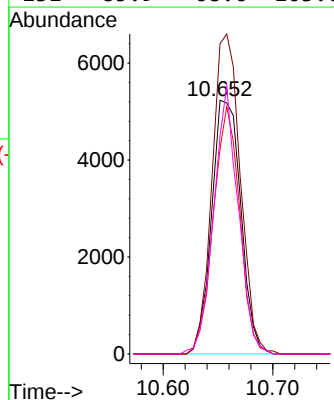
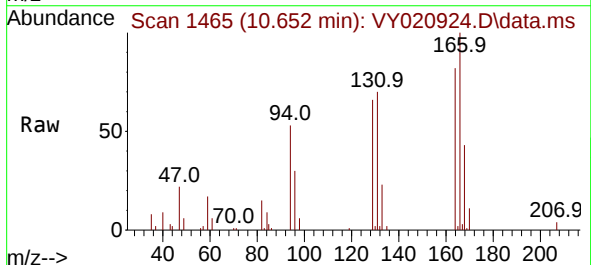
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

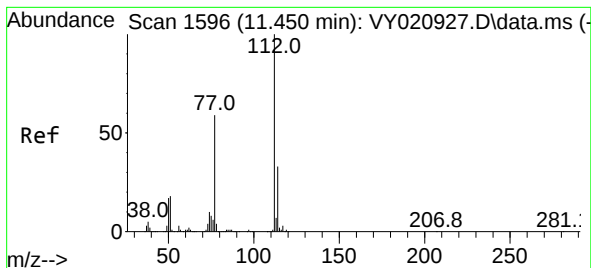
Tgt Ion:117 Resp: 309870
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 33.0 26.0 39.0



#64
Tetrachloroethene
Concen: 4.481 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion:164 Resp: 9664
Ion Ratio Lower Upper
164 100
166 122.4 101.0 151.6
129 81.1 70.8 106.2
131 85.9 68.6 103.0





#65

Chlorobenzene

Concen: 4.225 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

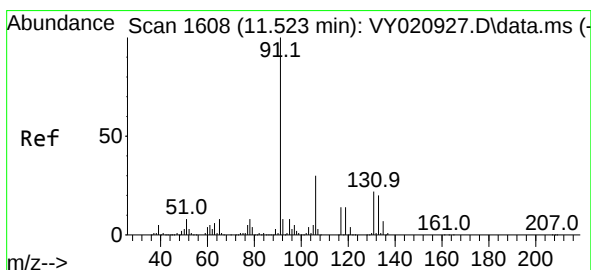
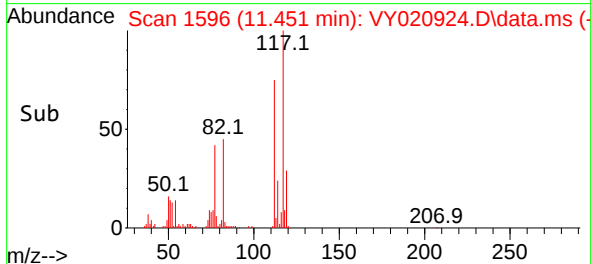
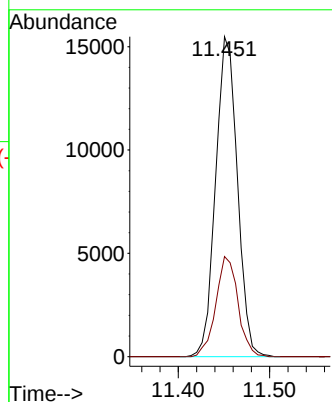
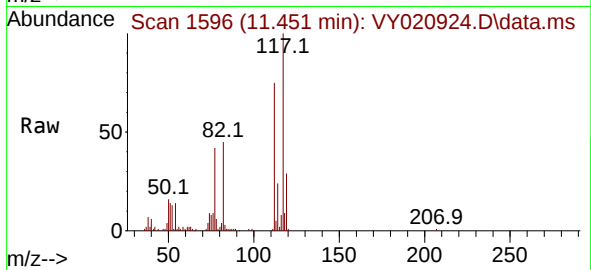
VSTDIC005

Tgt Ion:112 Resp: 25600

Ion Ratio Lower Upper

112 100

114 31.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 4.152 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

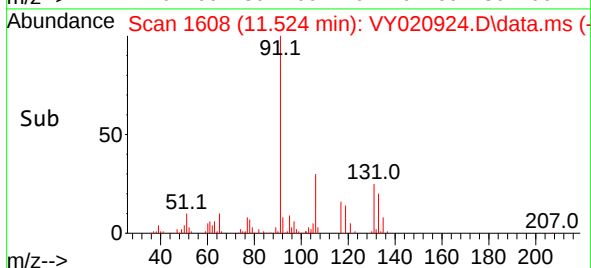
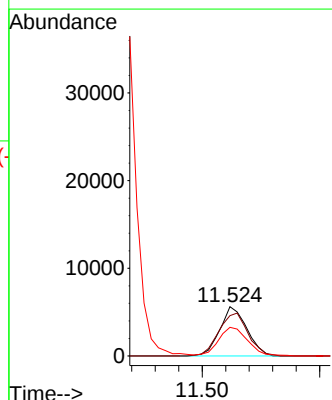
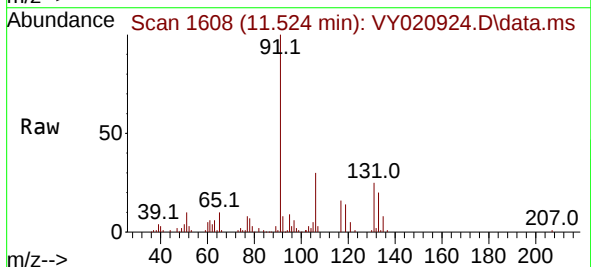
Tgt Ion:131 Resp: 8941

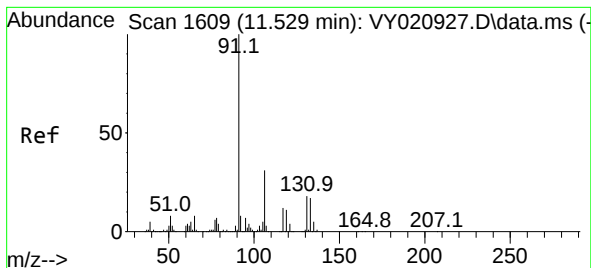
Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.6

119 63.0 31.2 93.6





#67

Ethyl Benzene

Concen: 4.119 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

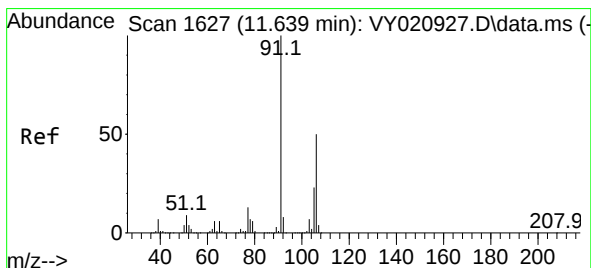
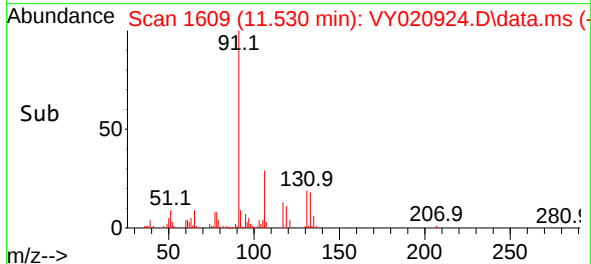
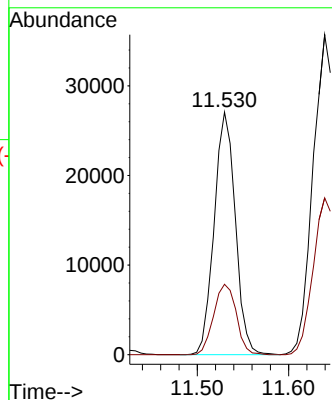
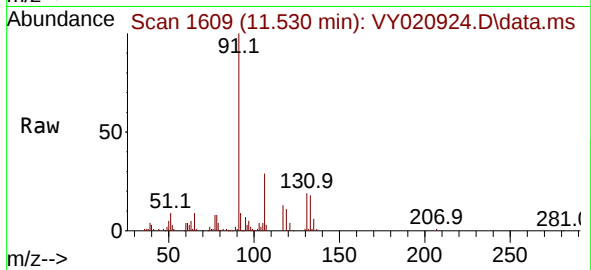
VSTDIC005

Tgt Ion: 91 Resp: 43553

Ion Ratio Lower Upper

91 100

106 29.0 25.2 37.8



#68

m/p-Xylenes

Concen: 7.935 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020924.D

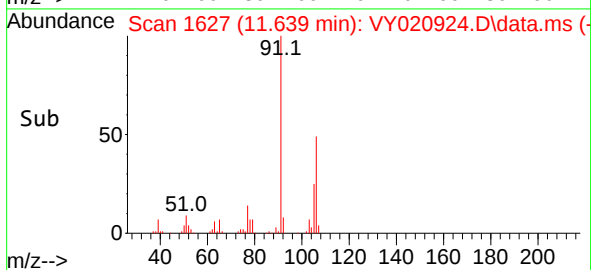
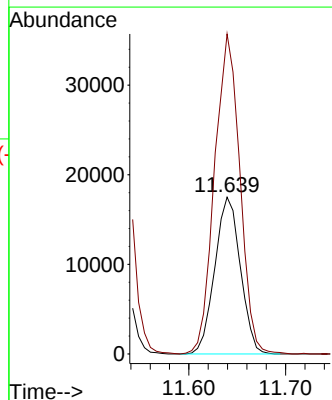
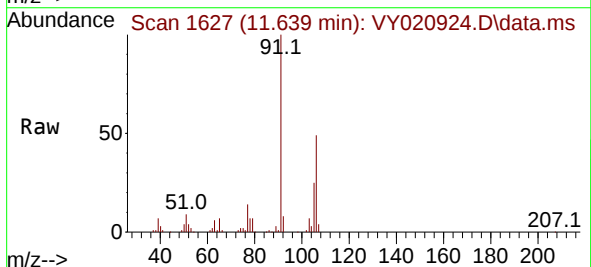
Acq: 24 Jan 2025 12:49

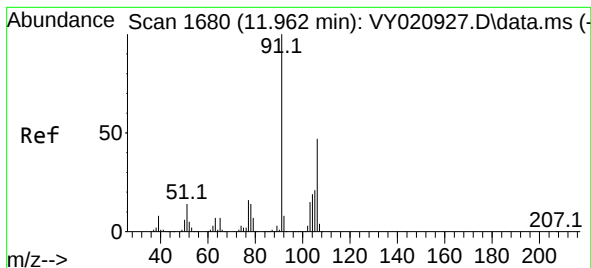
Tgt Ion: 106 Resp: 32128

Ion Ratio Lower Upper

106 100

91 202.4 159.5 239.3





#69

o-Xylene

Concen: 4.010 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

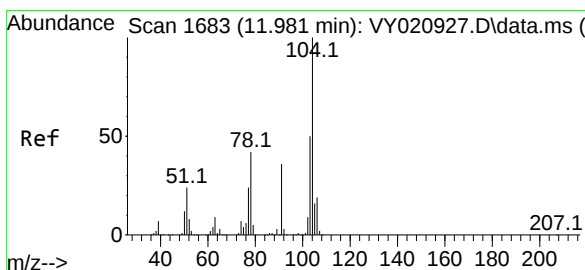
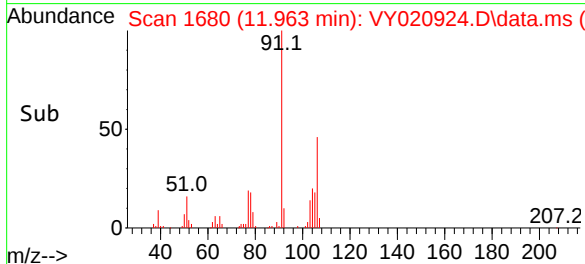
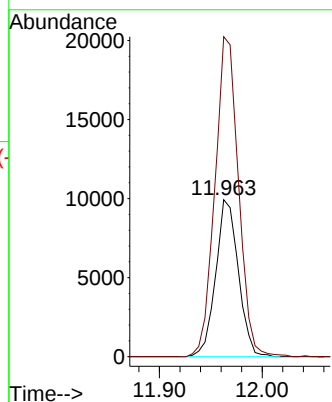
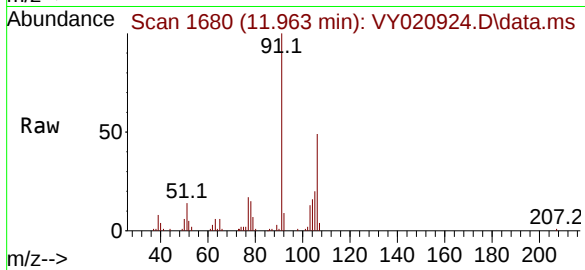
VSTDIC005

Tgt Ion:106 Resp: 15165

Ion Ratio Lower Upper

106 100

91 212.7 105.3 315.9



#70

Styrene

Concen: 3.897 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

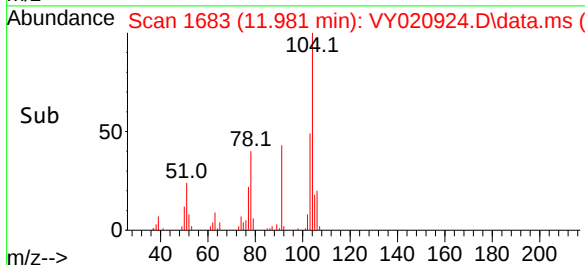
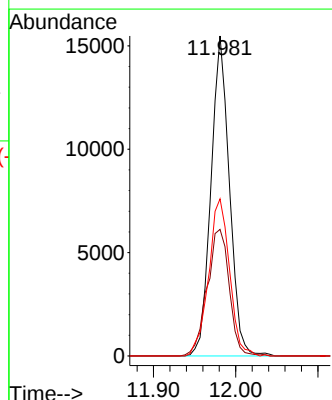
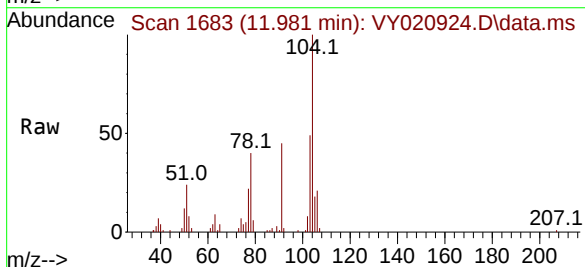
Tgt Ion:104 Resp: 24156

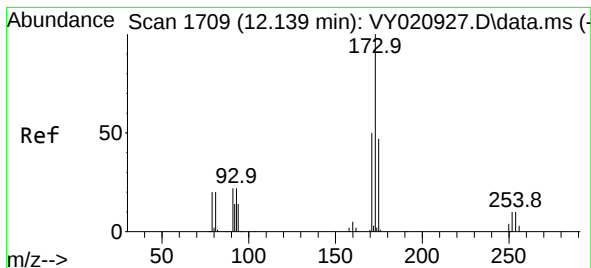
Ion Ratio Lower Upper

104 100

78 47.4 38.5 57.7

103 55.6 43.4 65.2





#71

Bromoform

Concen: 3.841 ug/l

RT: 12.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

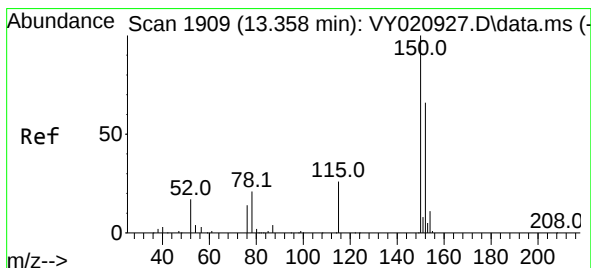
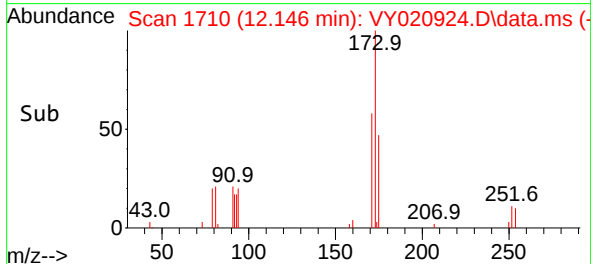
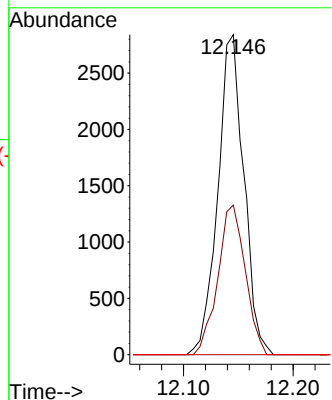
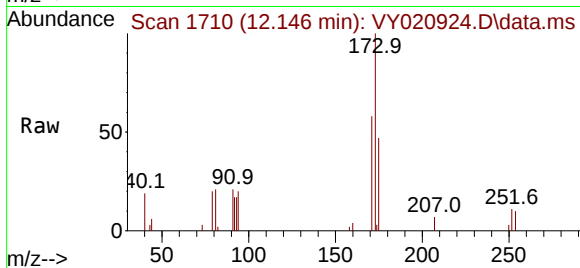
Tgt Ion:173 Resp: 4683

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

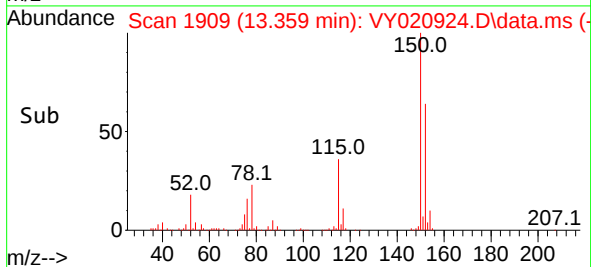
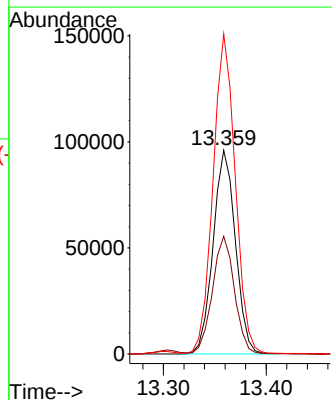
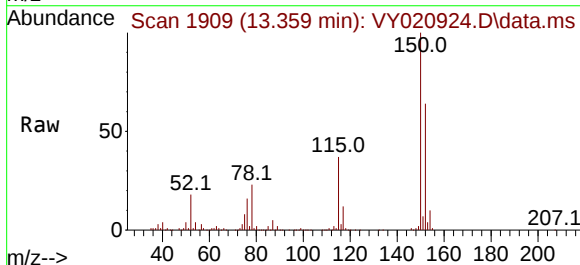
Tgt Ion:152 Resp: 144723

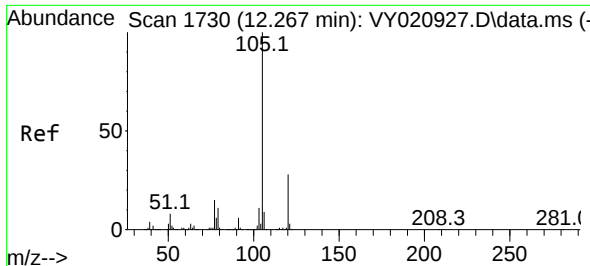
Ion Ratio Lower Upper

152 100

115 57.1 29.0 87.0

150 156.7 0.0 347.6

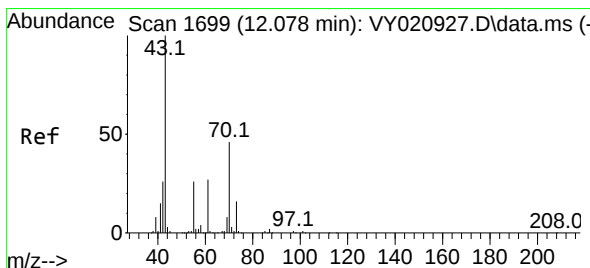
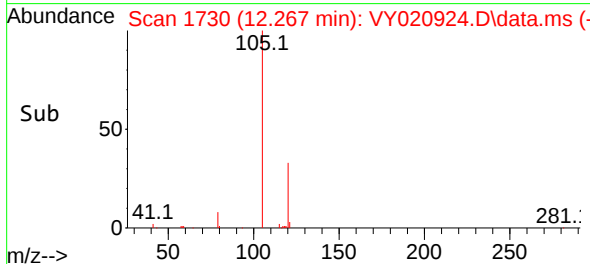
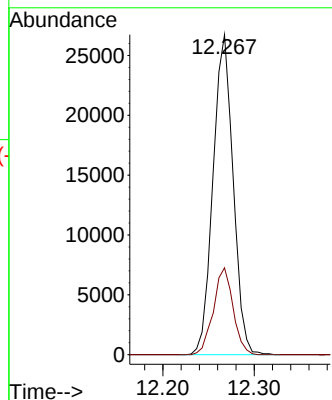
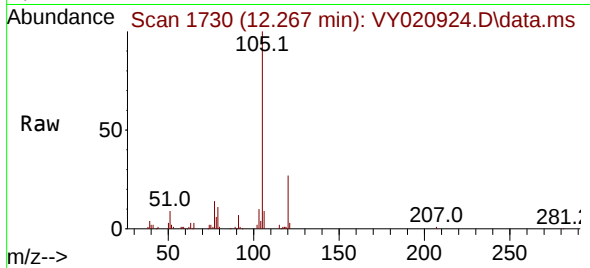




#73
Isopropylbenzene
Concen: 4.090 ug/l
RT: 12.267 min Scan# 1730
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

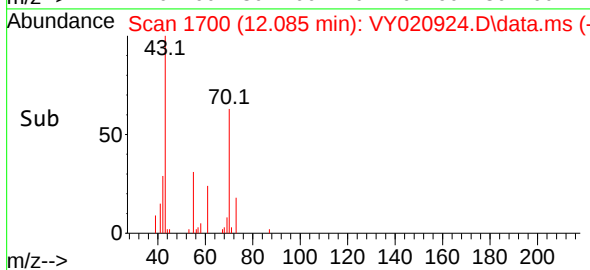
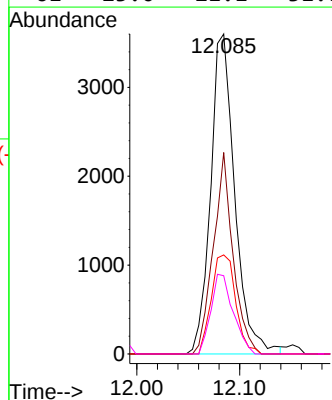
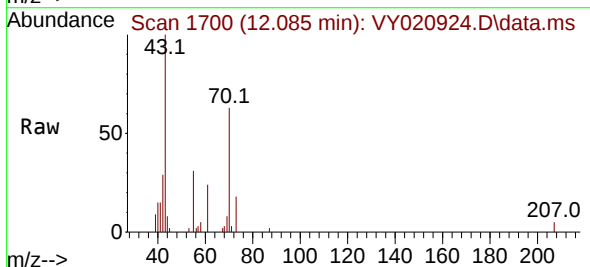
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

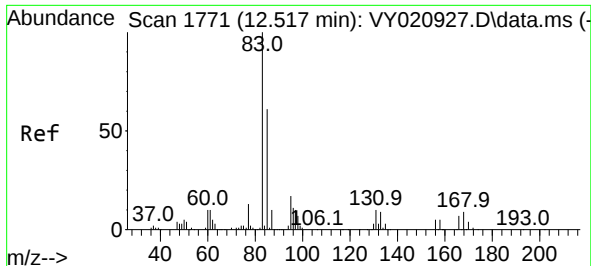
Tgt Ion:105 Resp: 40769
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 3.321 ug/l
RT: 12.085 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 43 Resp: 5890
Ion Ratio Lower Upper
43 100
70 51.3 38.7 58.1
55 31.1 21.6 32.4
61 23.0 21.1 31.7

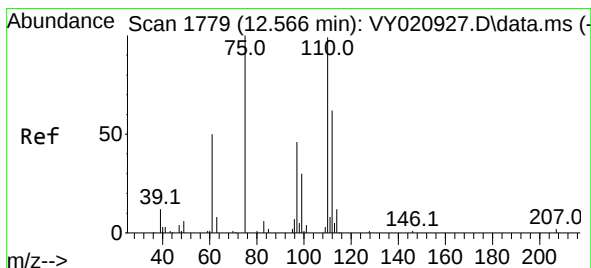
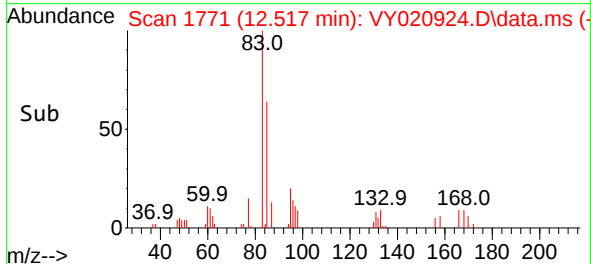
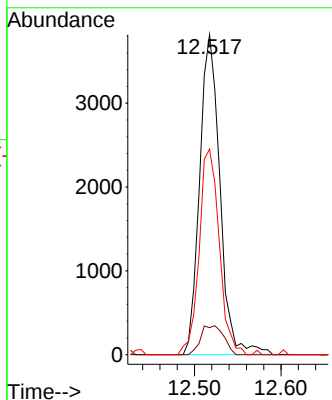
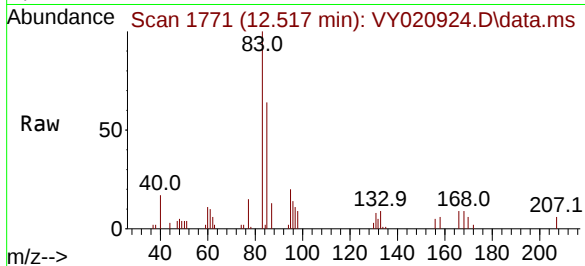




#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.999 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.000 min
 Lab File: VY020924.D
 Acq: 24 Jan 2025 12:49

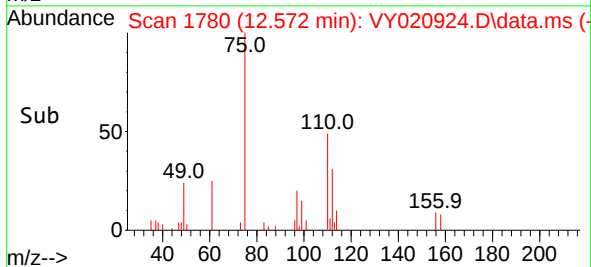
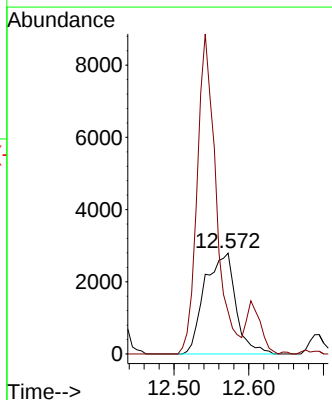
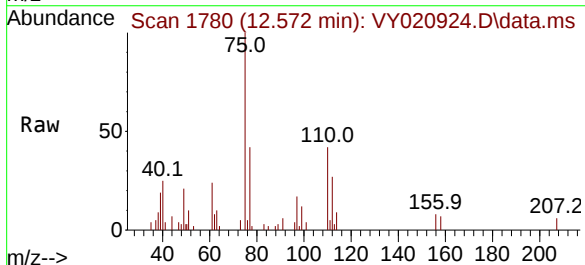
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

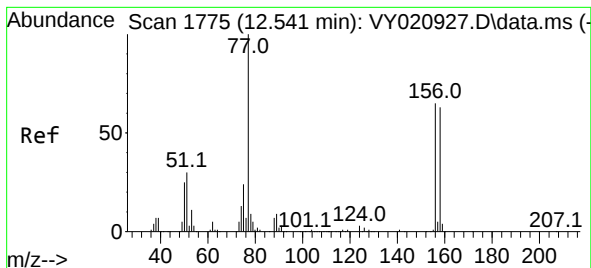
Tgt Ion: 83 Resp: 6202
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.5 16.7
 85 63.6 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 7.878 ug/l
 RT: 12.572 min Scan# 1780
 Delta R.T. 0.006 min
 Lab File: VY020924.D
 Acq: 24 Jan 2025 12:49

Tgt Ion: 75 Resp: 8061
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.104 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

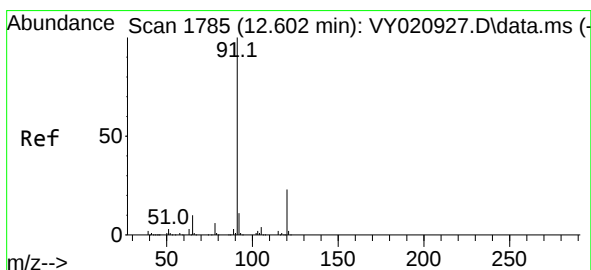
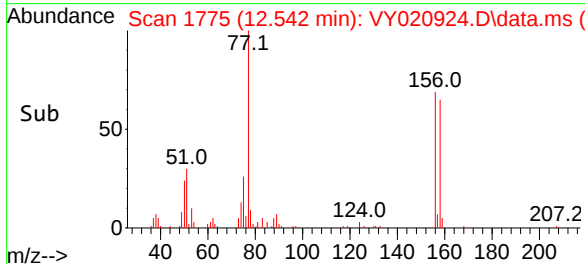
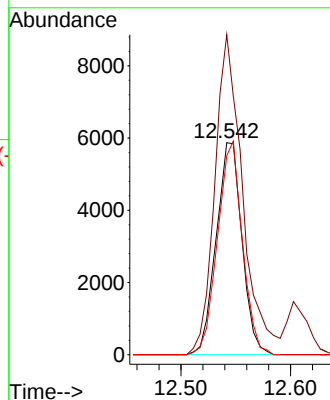
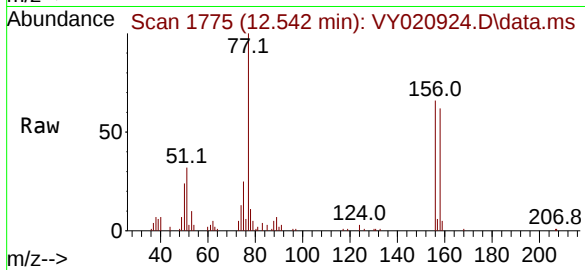
Tgt Ion:156 Resp: 9589

Ion Ratio Lower Upper

156 100

77 163.0 84.4 253.1

158 97.2 48.9 146.6



#78

n-propylbenzene

Concen: 4.017 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VY020924.D

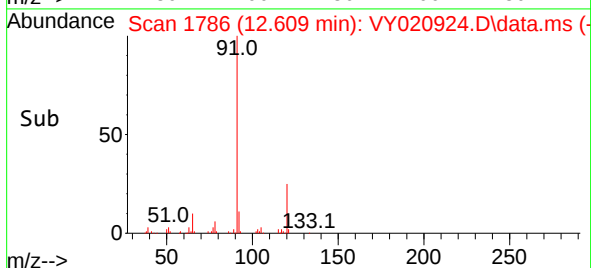
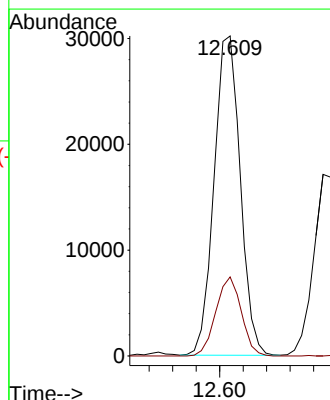
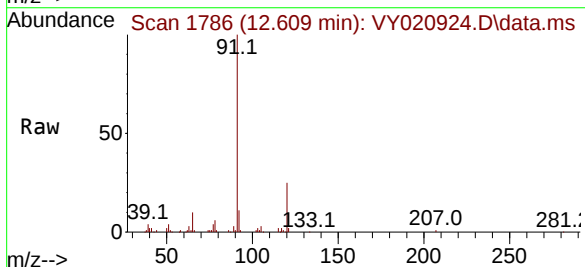
Acq: 24 Jan 2025 12:49

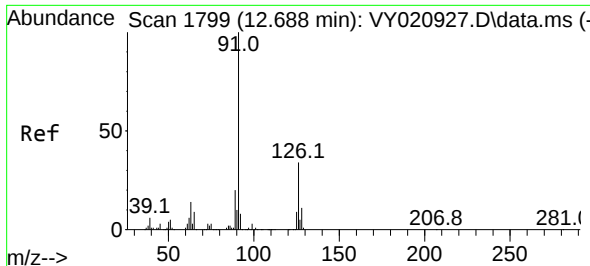
Tgt Ion: 91 Resp: 46635

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4

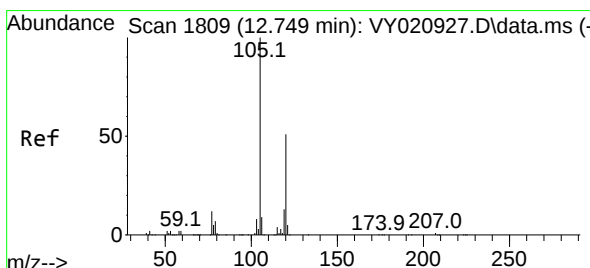
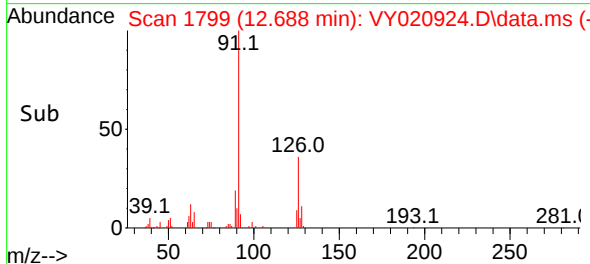
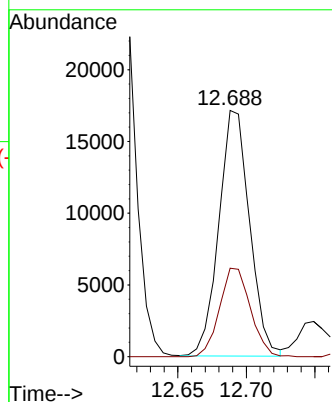
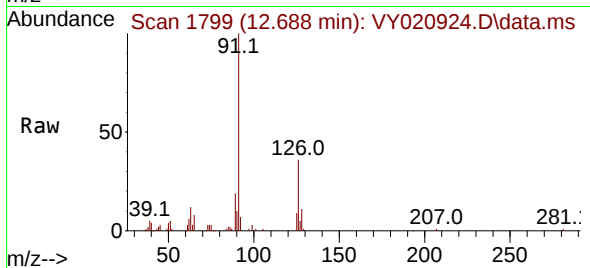




#79
2-Chlorotoluene
Concen: 4.068 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

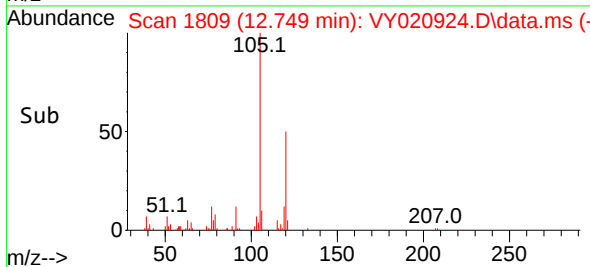
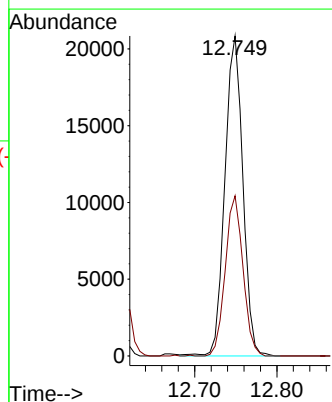
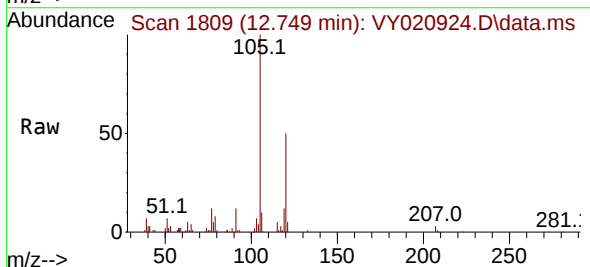
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

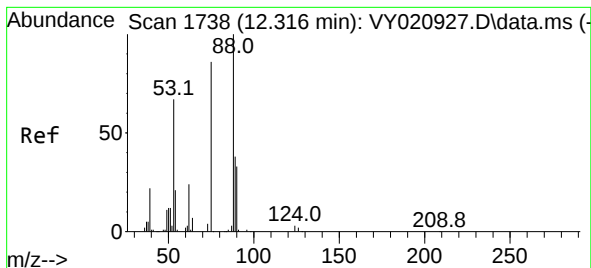
Tgt Ion: 91 Resp: 26787
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 3.954 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 105 Resp: 31669
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6

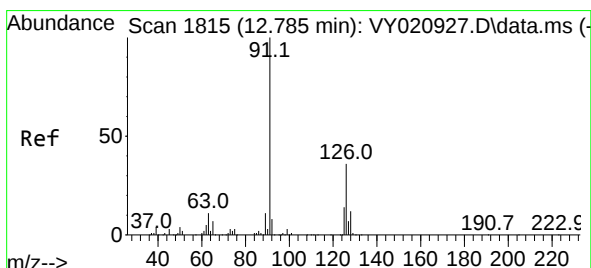
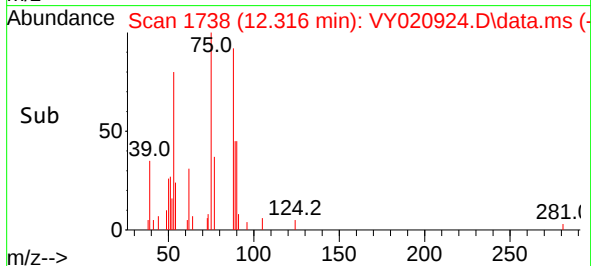
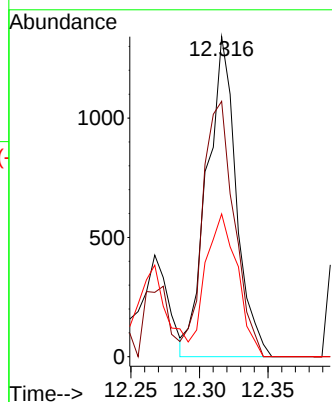
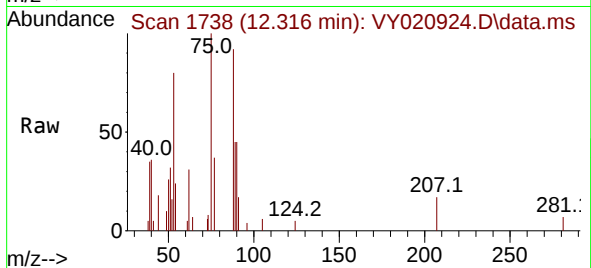




#81
trans-1,4-Dichloro-2-butene
Concen: 3.757 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

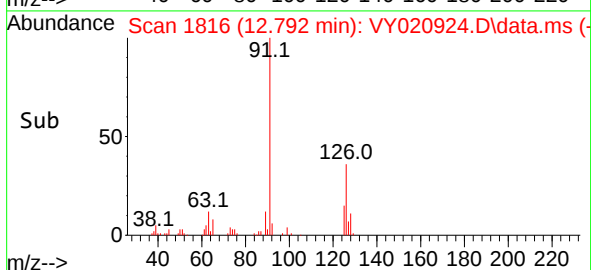
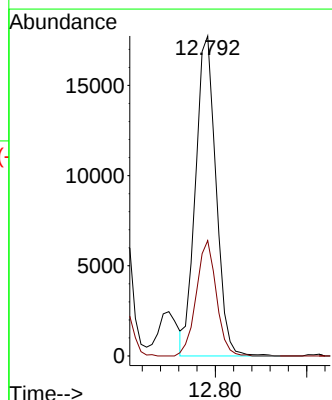
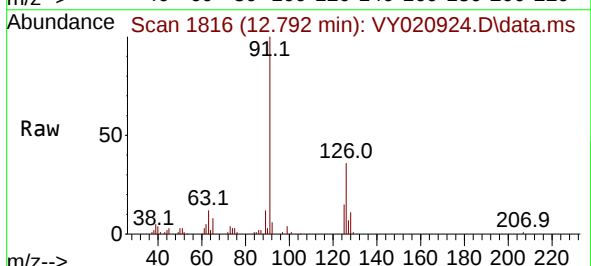
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

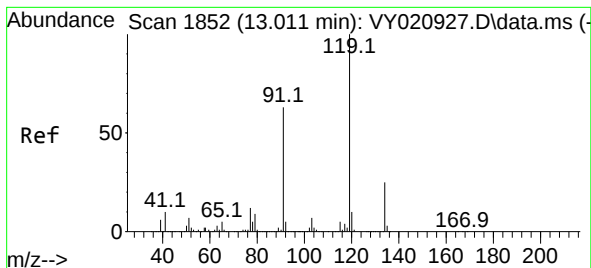
Tgt Ion: 75 Resp: 1990
Ion Ratio Lower Upper
75 100
53 86.0 67.7 101.5
89 48.3 38.4 57.6



#82
4-Chlorotoluene
Concen: 4.101 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 91 Resp: 27574
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 4.005 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

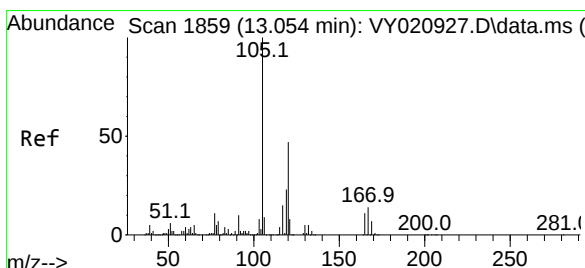
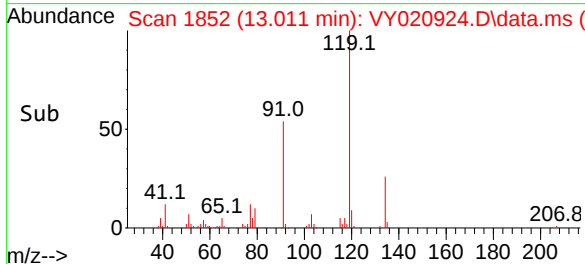
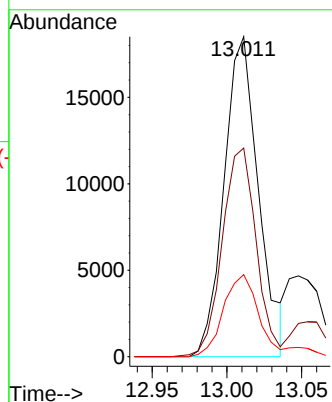
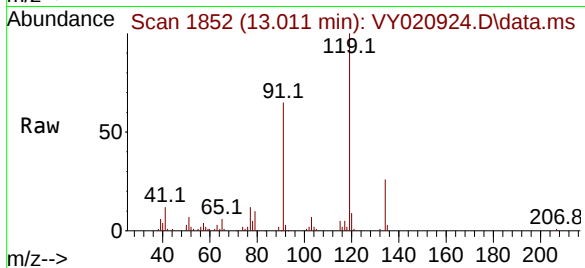
Tgt Ion:119 Resp: 29587

Ion Ratio Lower Upper

119 100

91 64.2 30.9 92.8

134 28.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 3.897 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VY020924.D

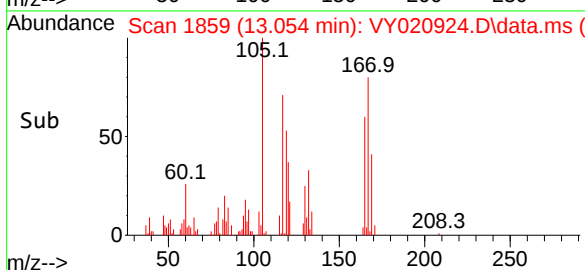
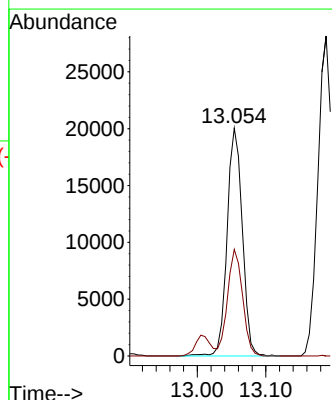
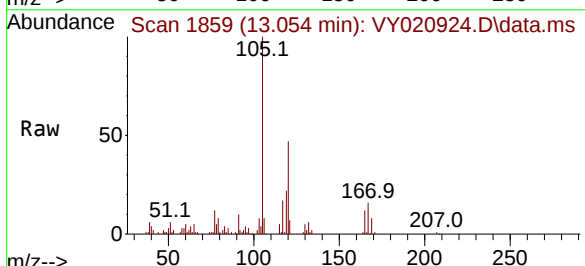
Acq: 24 Jan 2025 12:49

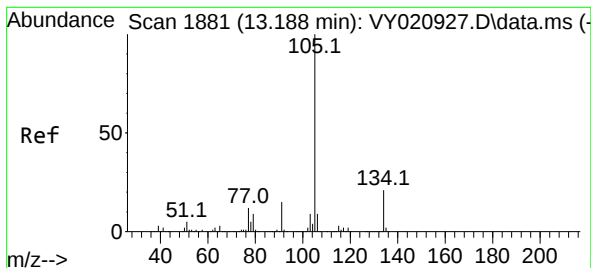
Tgt Ion:105 Resp: 30728

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 3.958 ug/l

RT: 13.188 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

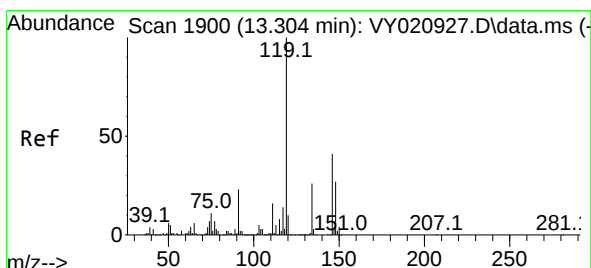
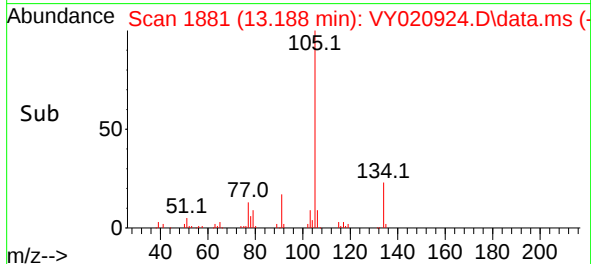
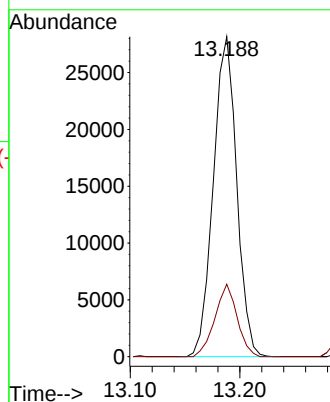
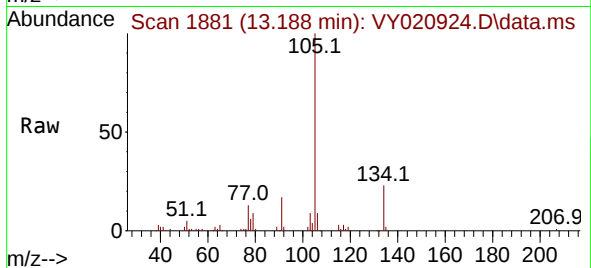
VSTDIC005

Tgt Ion:105 Resp: 41690

Ion Ratio Lower Upper

105 100

134 21.6 10.4 31.4



#86

p-Isopropyltoluene

Concen: 3.867 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

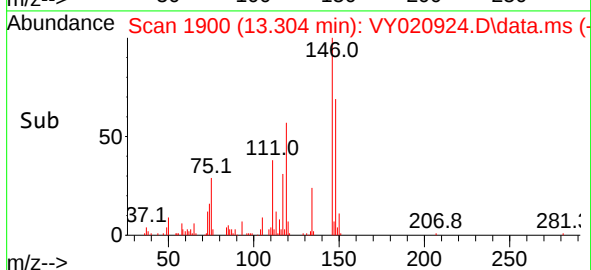
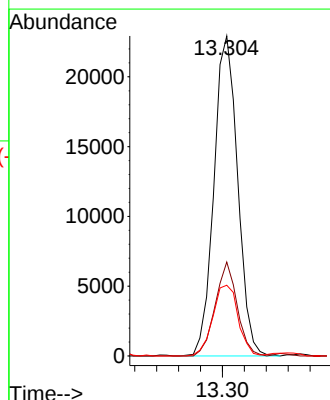
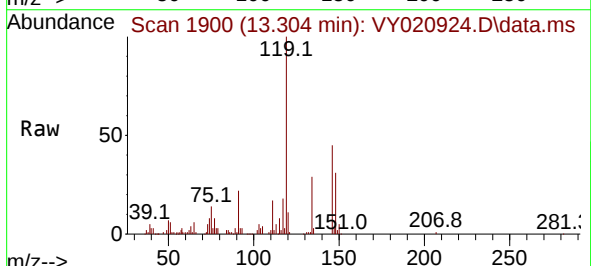
Tgt Ion:119 Resp: 34413

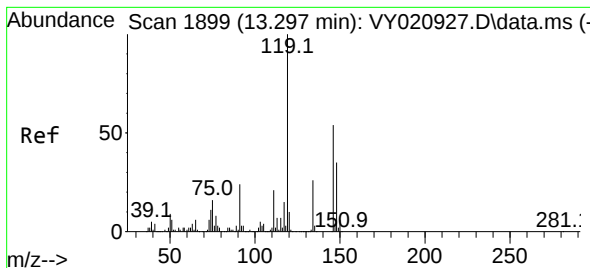
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 23.6 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 4.141 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

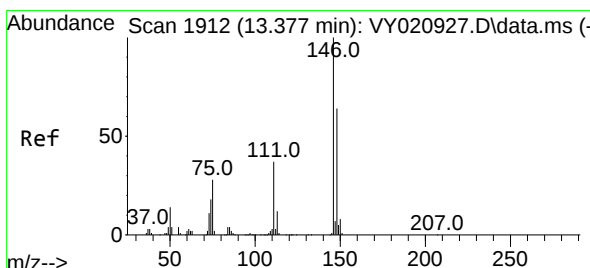
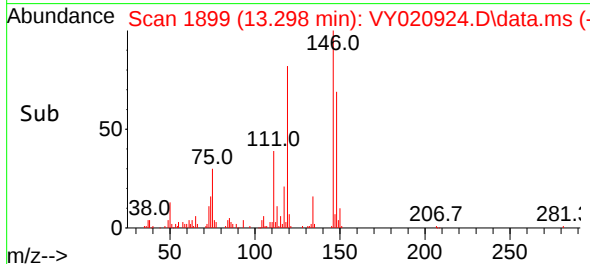
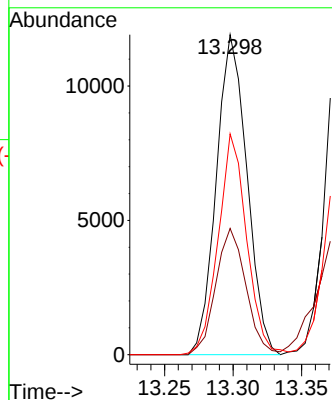
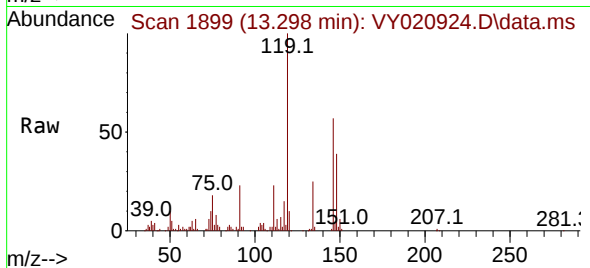
Tgt Ion:146 Resp: 18529

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 64.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 4.292 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

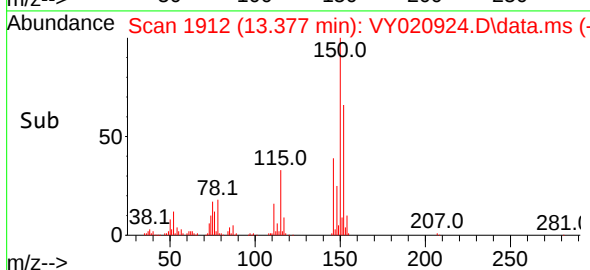
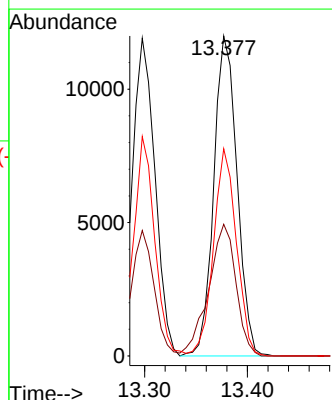
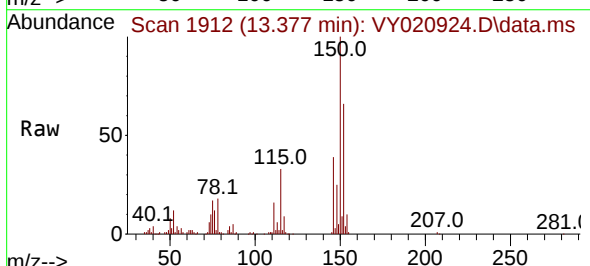
Tgt Ion:146 Resp: 18865

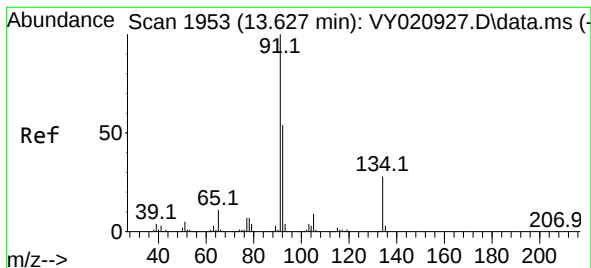
Ion Ratio Lower Upper

146 100

111 48.3 18.8 56.4

148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 3.831 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

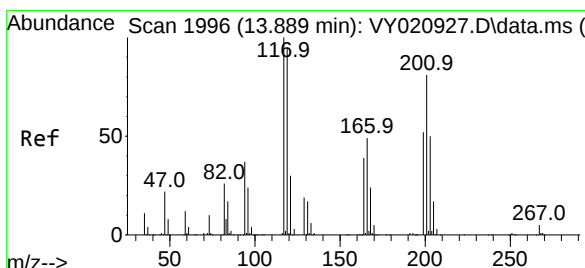
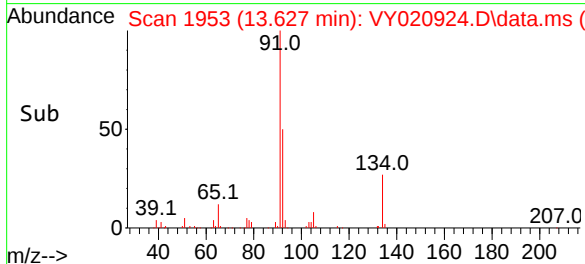
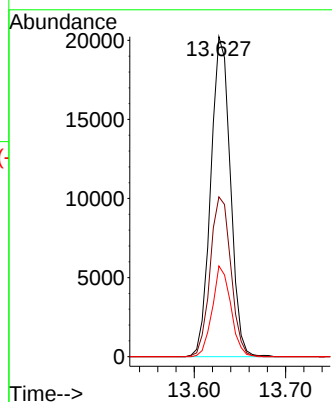
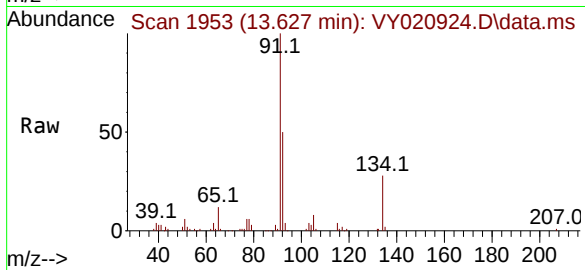
Tgt Ion: 91 Resp: 30068

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.3

134 26.8 13.8 41.4



#90

Hexachloroethane

Concen: 4.212 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VY020924.D

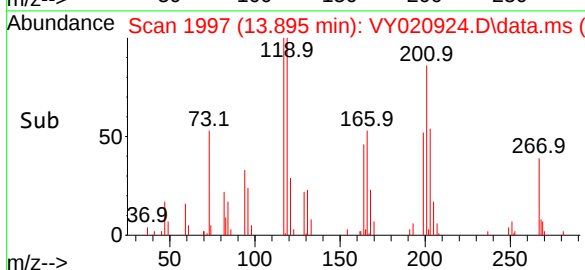
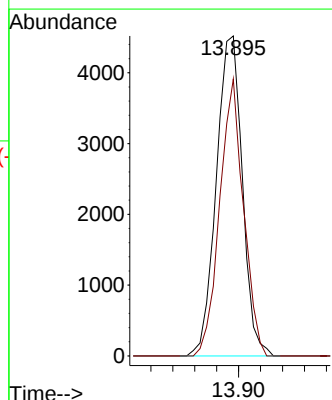
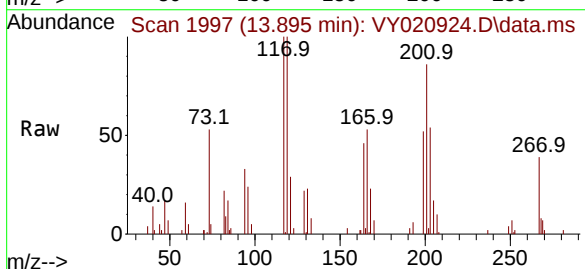
Acq: 24 Jan 2025 12:49

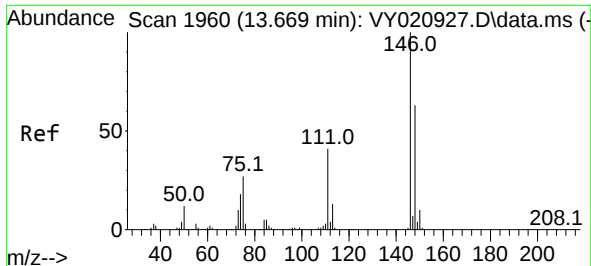
Tgt Ion: 117 Resp: 7445

Ion Ratio Lower Upper

117 100

201 79.1 42.7 128.1

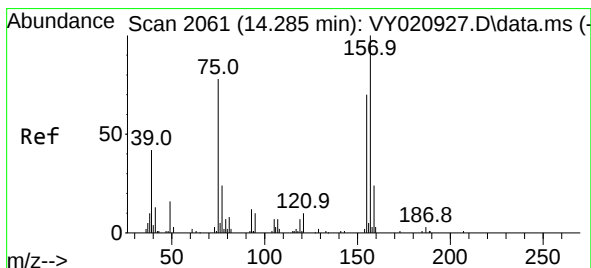
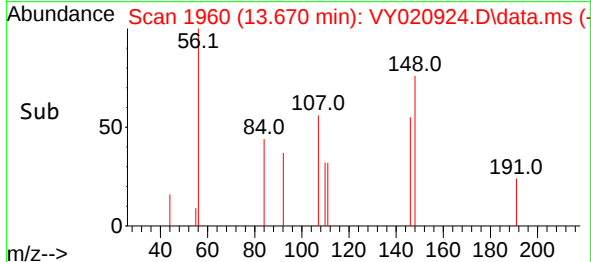
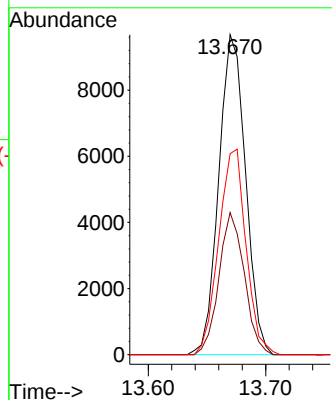
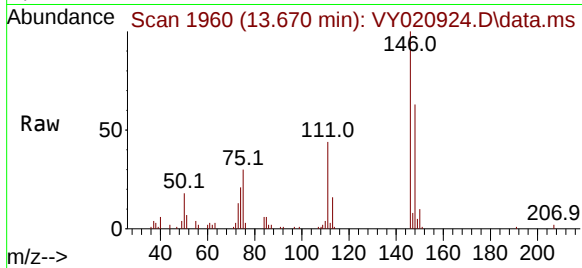




#91
1,2-Dichlorobenzene
Concen: 3.957 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

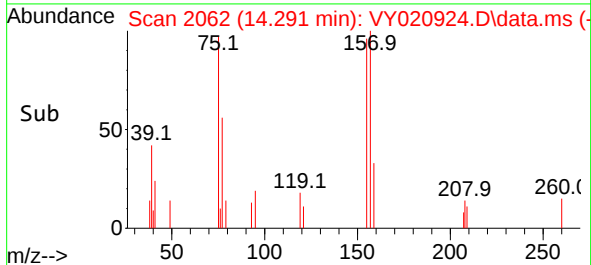
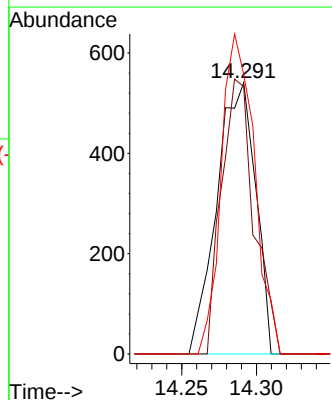
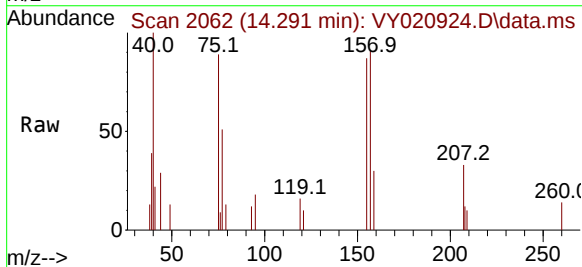
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

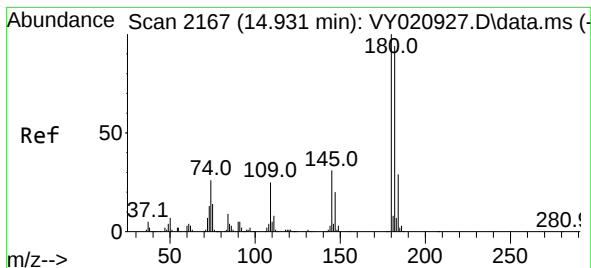
Tgt Ion:146 Resp: 15337
Ion Ratio Lower Upper
146 100
111 42.1 20.2 60.6
148 65.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.185 ug/l
RT: 14.291 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VY020924.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 75 Resp: 975
Ion Ratio Lower Upper
75 100
155 85.7 46.6 139.7
157 100.8 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 3.653 ug/l

RT: 14.938 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

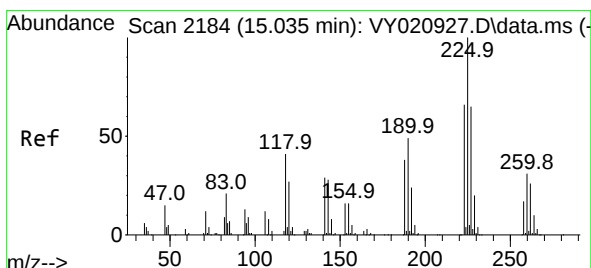
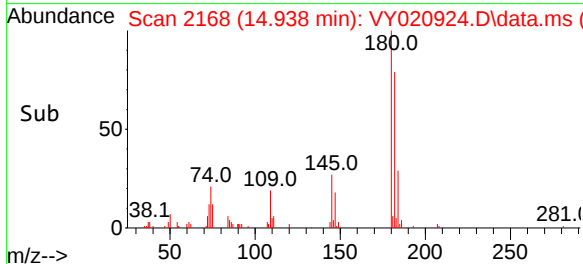
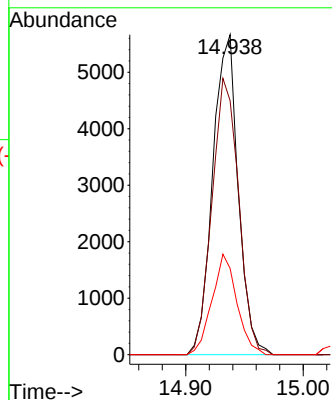
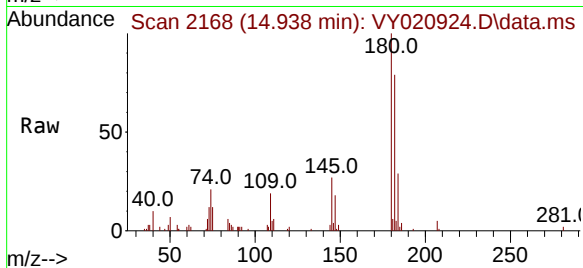
Tgt Ion:180 Resp: 8519

Ion Ratio Lower Upper

180 100

182 90.4 47.0 141.2

145 30.8 14.9 44.5



#94

Hexachlorobutadiene

Concen: 3.830 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

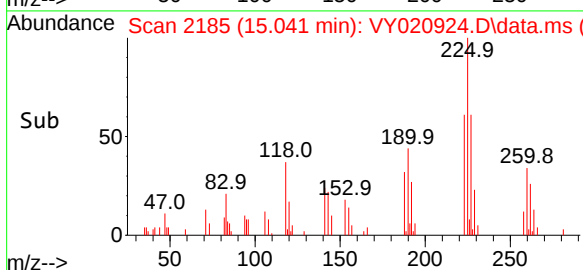
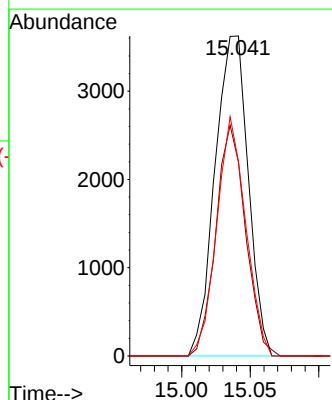
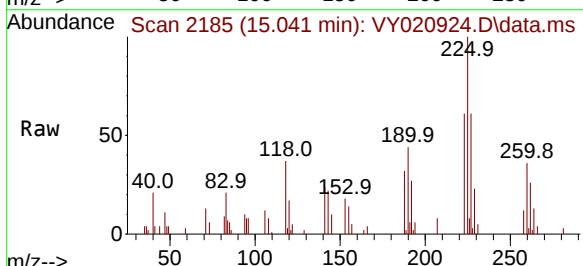
Tgt Ion:225 Resp: 6110

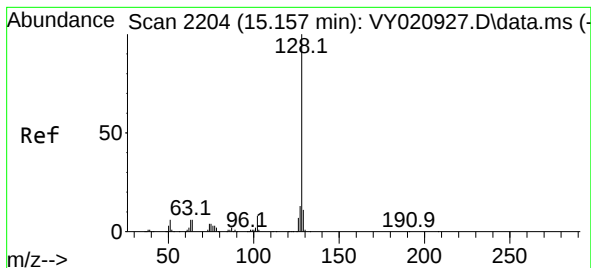
Ion Ratio Lower Upper

225 100

223 64.3 31.5 94.5

227 65.2 31.9 95.9





#95

Naphthalene

Concen: 3.199 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

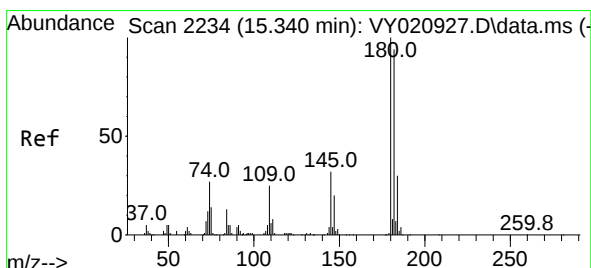
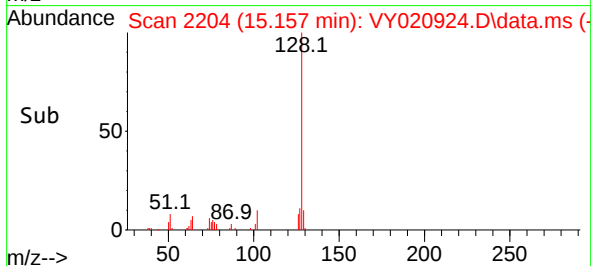
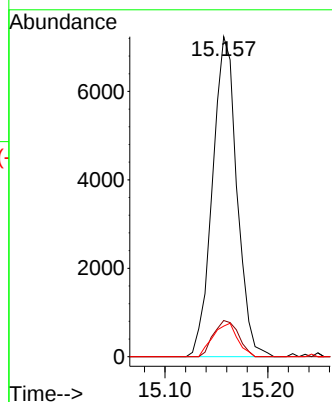
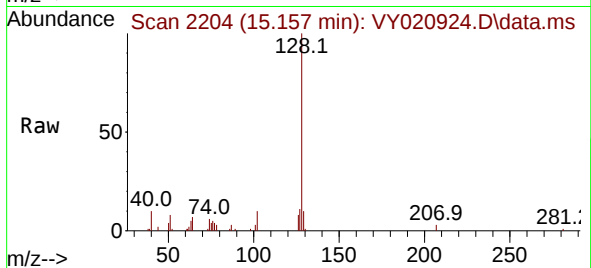
Tgt Ion:128 Resp: 11961

Ion Ratio Lower Upper

128 100

127 11.6 10.3 15.5

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 3.790 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.006 min

Lab File: VY020924.D

Acq: 24 Jan 2025 12:49

Tgt Ion:180 Resp: 7425

Ion Ratio Lower Upper

180 100

182 90.8 47.5 142.6

145 29.8 15.7 47.0

