

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021656.D
 Acq On : 27 Mar 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 28 02:13:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	217101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	13289	5.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.300%#
35) Dibromofluoromethane	7.634	113	12519	5.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.020%#
50) Toluene-d8	10.109	98	44774	5.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.360%#
62) 4-Bromofluorobenzene	12.408	95	15657	5.352	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.700%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	13065	5.806	ug/l	98
3) Chloromethane	2.074	50	19017	6.010	ug/l	90
4) Vinyl Chloride	2.202	62	21214	5.928	ug/l	93
5) Bromomethane	2.598	94	15395	6.308	ug/l	99
6) Chloroethane	2.733	64	13977	5.969	ug/l	99
7) Trichlorofluoromethane	3.056	101	26311	5.740	ug/l	98
8) Diethyl Ether	3.458	74	7213	5.786	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	14493	5.995	ug/l	98
10) Methyl Iodide	4.007	142	12311	4.642	ug/l	98
11) Tert butyl alcohol	4.860	59	4636	30.344	ug/l #	85
12) 1,1-Dichloroethene	3.793	96	12778	5.611	ug/l	92
13) Acrolein	3.653	56	7499	26.881	ug/l	93
14) Allyl chloride	4.385	41	19469	5.362	ug/l	97
15) Acrylonitrile	5.061	53	14337	27.546	ug/l #	88
16) Acetone	3.873	43	15736	32.687	ug/l	100
17) Carbon Disulfide	4.110	76	42467	5.662	ug/l	99
18) Methyl Acetate	4.391	43	7141	5.985	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	29969	5.286	ug/l	100
20) Methylene Chloride	4.616	84	18885	4.497	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	13763	5.489	ug/l	95
22) Diisopropyl ether	6.019	45	38980	5.118	ug/l	95
23) Vinyl Acetate	5.964	43	111357	24.992	ug/l	98
24) 1,1-Dichloroethane	5.915	63	25578	5.616	ug/l #	94
25) 2-Butanone	6.896	43	19664	28.598	ug/l	96
26) 2,2-Dichloropropane	6.884	77	23073	5.695	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	15197	5.390	ug/l	99
28) Bromochloromethane	7.250	49	11139	5.799	ug/l	99
29) Tetrahydrofuran	7.262	42	11696	26.430	ug/l	99
30) Chloroform	7.421	83	26819	5.662	ug/l	95
31) Cyclohexane	7.707	56	25394	6.117	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	25069	5.856	ug/l	97
36) 1,1-Dichloropropene	7.835	75	18659	5.388	ug/l	99
37) Ethyl Acetate	6.988	43	9459	5.788	ug/l #	95
38) Carbon Tetrachloride	7.817	117	22310	5.625	ug/l	95
39) Methylcyclohexane	9.109	83	20781	5.023	ug/l	97
40) Benzene	8.079	78	56287	5.427	ug/l	92

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	12369	14.252	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	16381	5.603	ug/l	98
43) Isopropyl Acetate	8.195	43	16504	5.329	ug/l	97
44) Trichloroethene	8.866	130	14453	5.470	ug/l	98
45) 1,2-Dichloropropane	9.146	63	13429	5.470	ug/l	99
46) Dibromomethane	9.231	93	7882	5.571	ug/l	97
47) Bromodichloromethane	9.420	83	20008	5.458	ug/l	92
48) Methyl methacrylate	9.219	41	7427	5.225	ug/l	96
49) 1,4-Dioxane	9.231	88	1573	103.789	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	40601	25.191	ug/l	97
52) Toluene	10.176	92	32954	5.093	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	15986	4.909	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	19395	5.049	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	9802	5.384	ug/l	94
56) Ethyl methacrylate	10.438	69	10060	4.327	ug/l	93
57) 1,3-Dichloropropane	10.719	76	16534	5.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	24903	21.959	ug/l	98
59) 2-Hexanone	10.762	43	26991	25.145	ug/l	92
60) Dibromochloromethane	10.914	129	13002	5.231	ug/l	99
61) 1,2-Dibromoethane	11.018	107	9345	5.472	ug/l	100
64) Tetrachloroethene	10.652	164	16085	5.860	ug/l	93
65) Chlorobenzene	11.444	112	37505	5.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	13496	5.506	ug/l	97
67) Ethyl Benzene	11.524	91	58750	4.959	ug/l	98
68) m/p-Xylenes	11.633	106	43785	9.652	ug/l	97
69) o-Xylene	11.956	106	20041	4.786	ug/l	98
70) Styrene	11.975	104	32075	4.594	ug/l	99
71) Bromoform	12.133	173	7253	5.187	ug/l #	98
73) Isopropylbenzene	12.255	105	52860	4.885	ug/l	99
74) N-amyl acetate	12.072	43	11835	4.660	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	11133	5.723	ug/l	95
76) 1,2,3-Trichloropropane	12.554	75	13972	9.675	ug/l #	100
77) Bromobenzene	12.536	156	13783	5.305	ug/l	97
78) n-propylbenzene	12.597	91	63324	4.868	ug/l	100
79) 2-Chlorotoluene	12.682	91	38107	5.044	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	42499	4.806	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	3023	4.823	ug/l	88
82) 4-Chlorotoluene	12.779	91	40326	5.119	ug/l	100
83) tert-Butylbenzene	12.999	119	37817	4.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	40547	4.639	ug/l	99
85) sec-Butylbenzene	13.176	105	55918	4.858	ug/l	100
86) p-Isopropyltoluene	13.292	119	43714	4.595	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	27604	5.393	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	27332	5.405	ug/l	94
89) n-Butylbenzene	13.621	91	42102	4.785	ug/l	96
90) Hexachloroethane	13.883	117	11619	5.573	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	23277	5.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1634	5.419	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	11228	4.647	ug/l	97
94) Hexachlorobutadiene	15.029	225	8276	5.484	ug/l	96
95) Naphthalene	15.151	128	16796	4.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	9518	4.619	ug/l	96

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

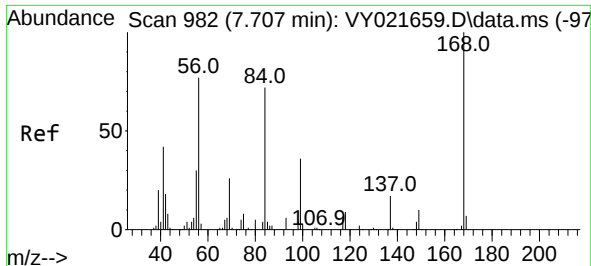
Quant Time: Mar 28 02:13:35 2025
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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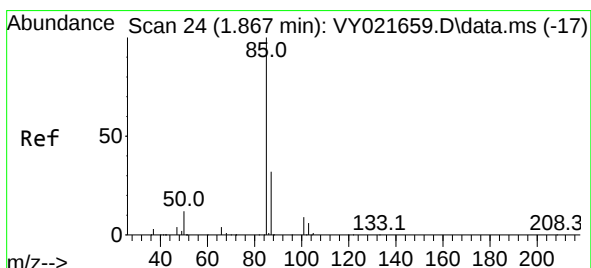
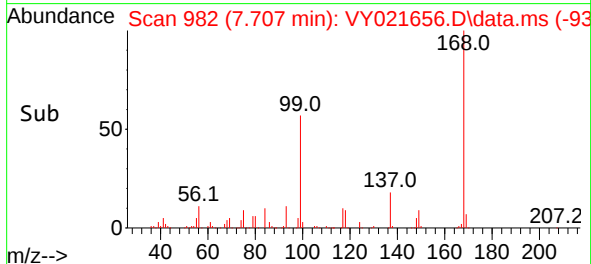
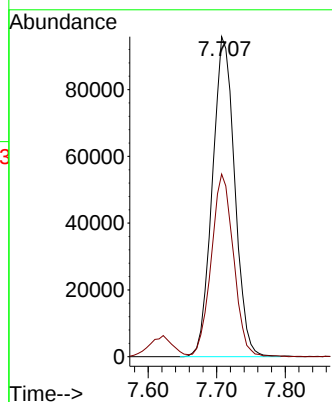
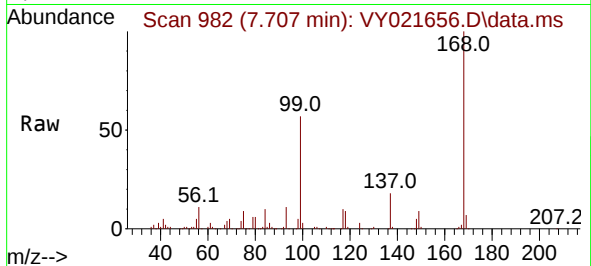




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

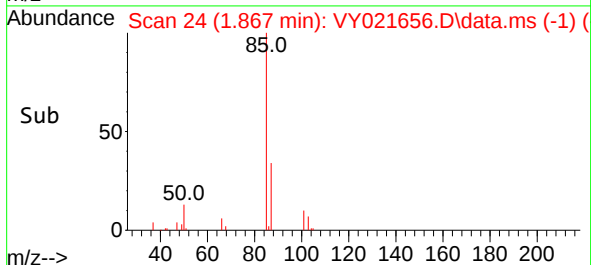
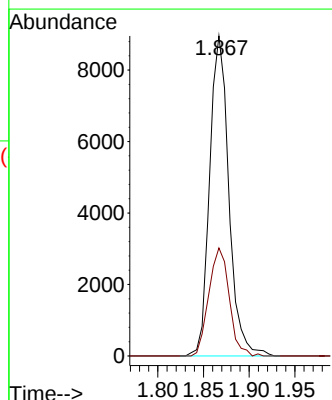
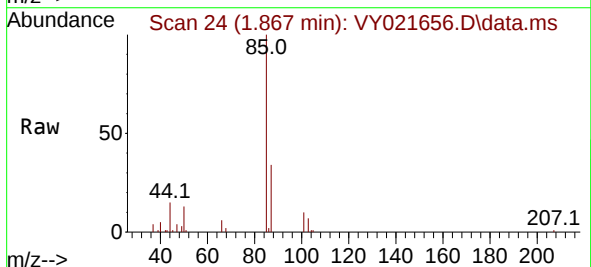
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

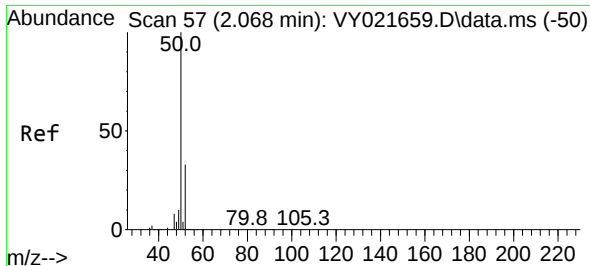
Tgt Ion:168 Resp: 217101
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 5.806 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 85 Resp: 13065
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6

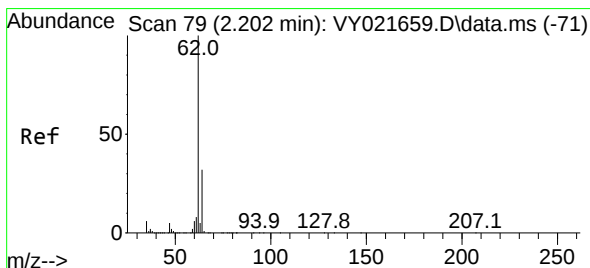
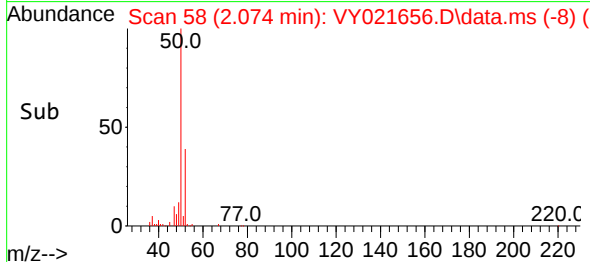
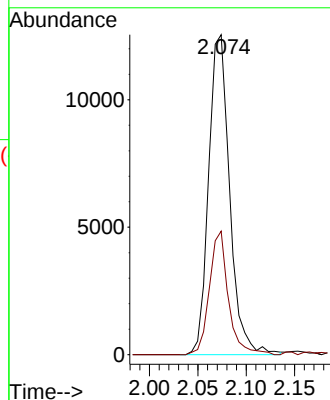
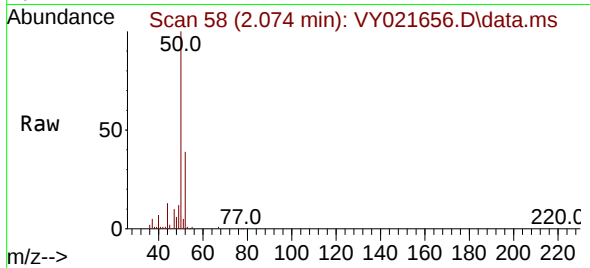




#3
Chloromethane
Concen: 6.010 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

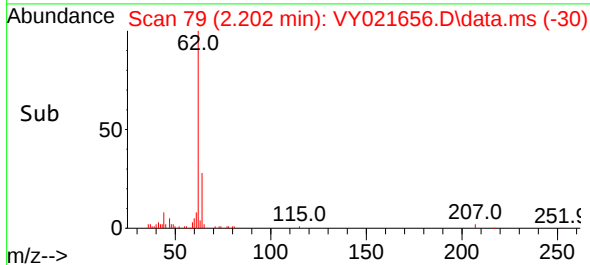
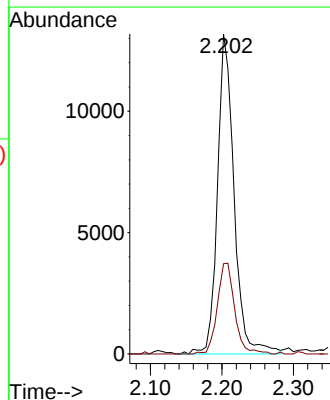
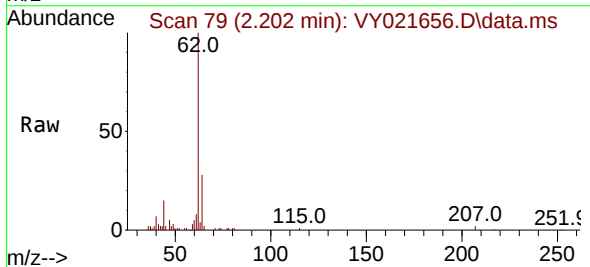
Instrument :
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ClientSampleId :
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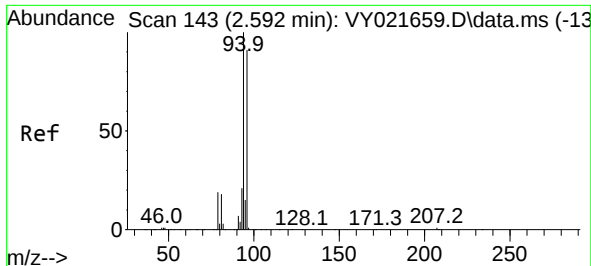
Tgt Ion: 50 Resp: 19017
Ion Ratio Lower Upper
50 100
52 38.6 26.3 39.5



#4
Vinyl Chloride
Concen: 5.928 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 62 Resp: 21214
Ion Ratio Lower Upper
62 100
64 28.2 25.5 38.3

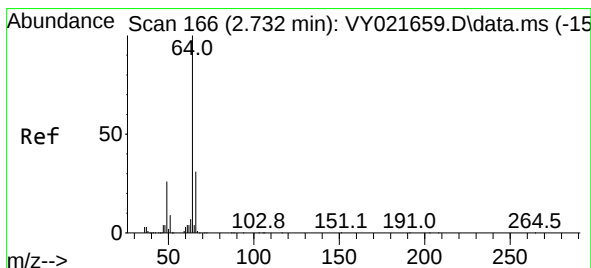
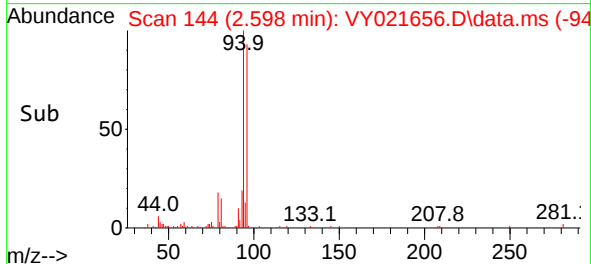
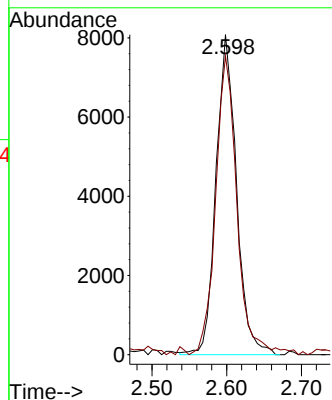
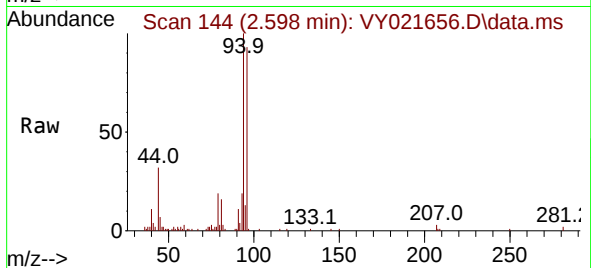




#5
Bromomethane
Concen: 6.308 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

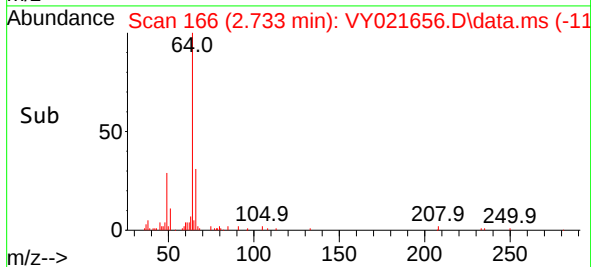
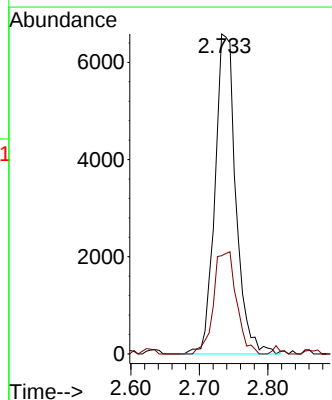
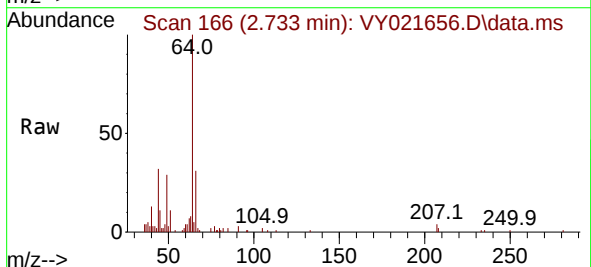
Instrument :
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Tgt Ion: 94 Resp: 15395
Ion Ratio Lower Upper
94 100
96 91.8 72.8 109.2



#6
Chloroethane
Concen: 5.969 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 64 Resp: 13977
Ion Ratio Lower Upper
64 100
66 30.7 24.9 37.3

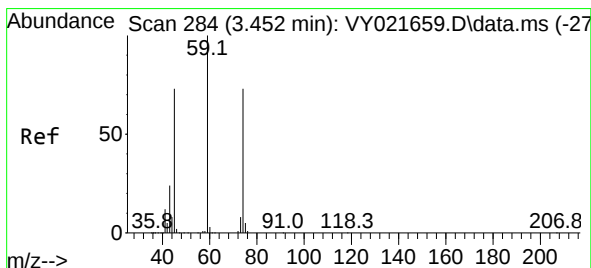
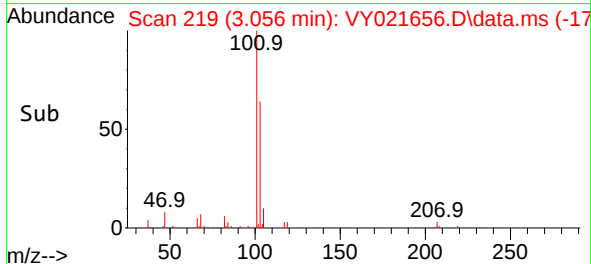
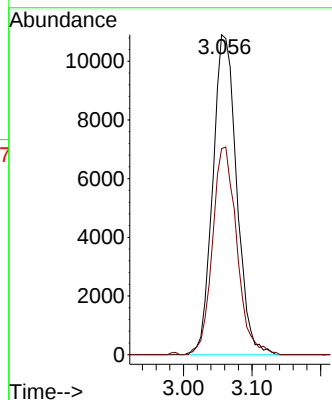
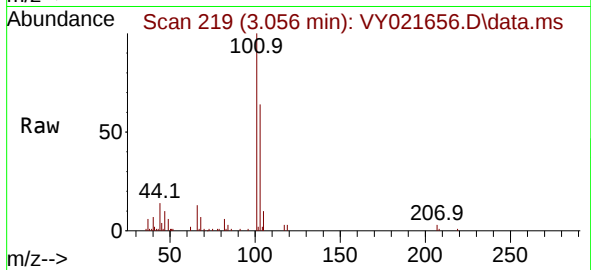




#7
Trichlorofluoromethane
Concen: 5.740 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

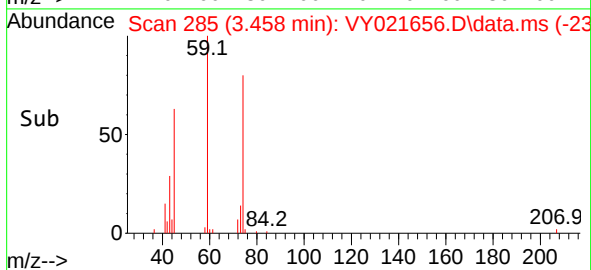
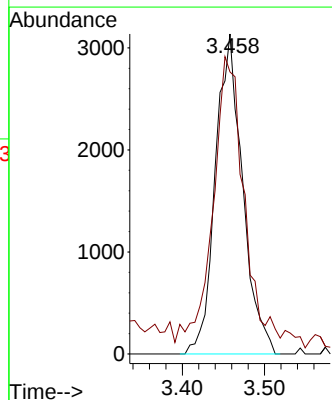
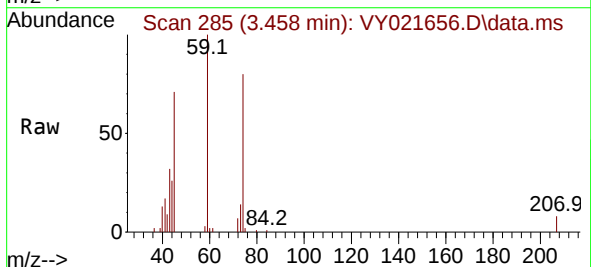
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

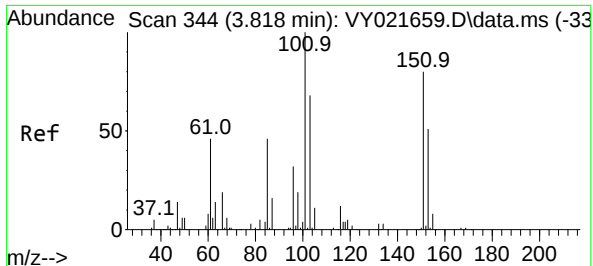
Tgt Ion:101 Resp: 26311
Ion Ratio Lower Upper
101 100
103 64.4 53.1 79.7



#8
Diethyl Ether
Concen: 5.786 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 74 Resp: 7213
Ion Ratio Lower Upper
74 100
45 99.4 48.6 145.8

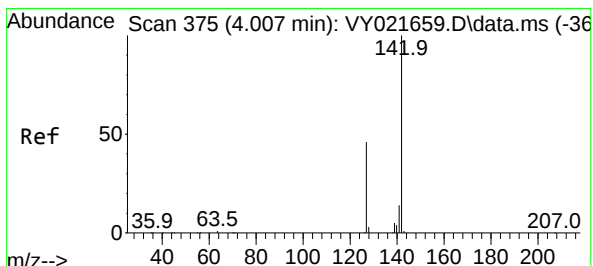
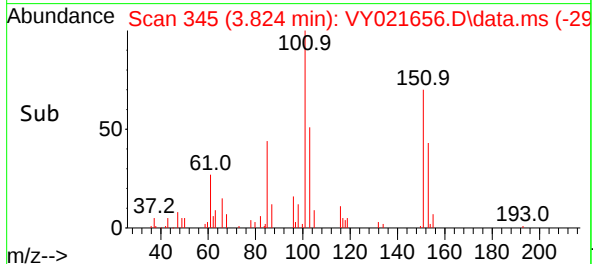
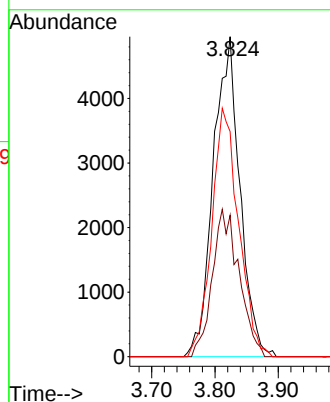
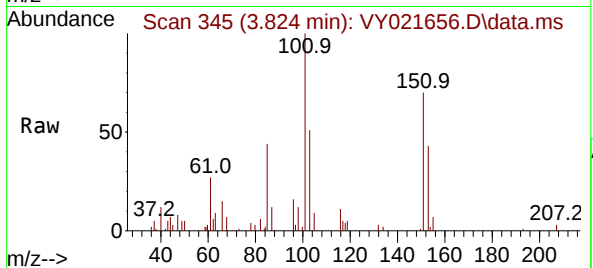




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.995 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY021656.D
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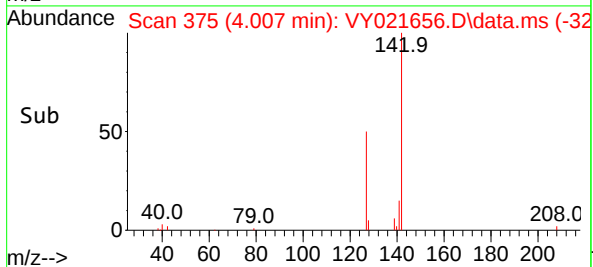
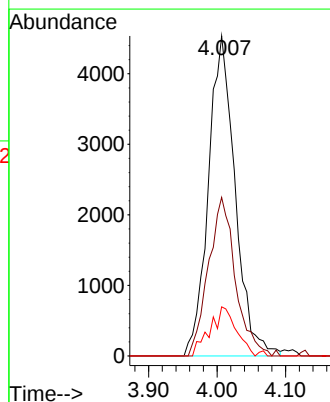
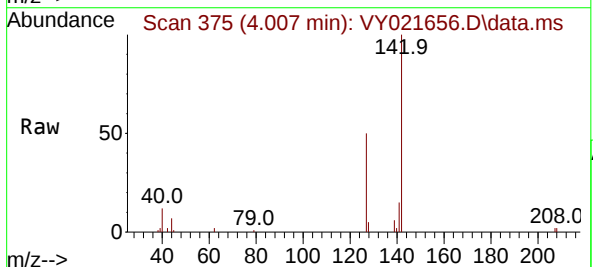
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

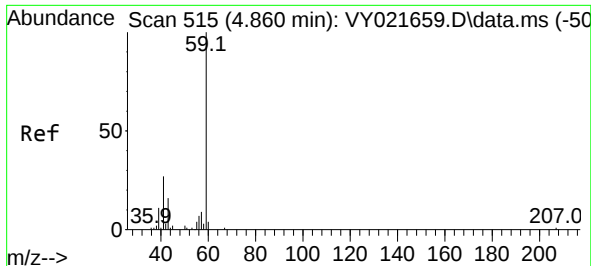
Tgt Ion:101 Resp: 14493
Ion Ratio Lower Upper
101 100
85 46.3 36.3 54.5
151 78.3 61.3 91.9



#10
Methyl Iodide
Concen: 4.642 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:142 Resp: 12311
Ion Ratio Lower Upper
142 100
127 50.2 38.7 58.1
141 15.0 11.5 17.3

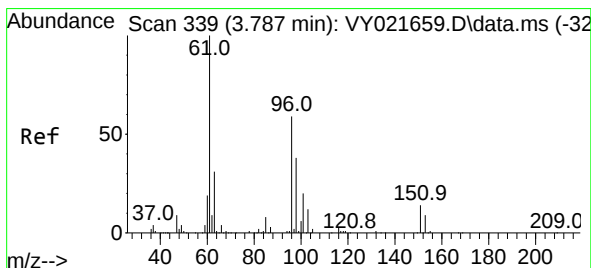
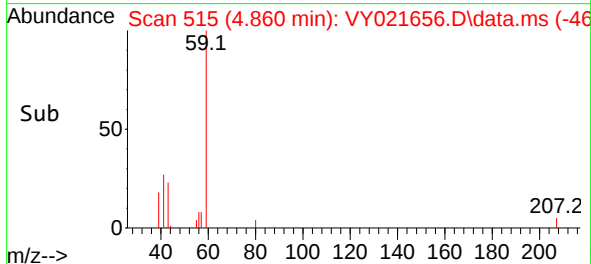
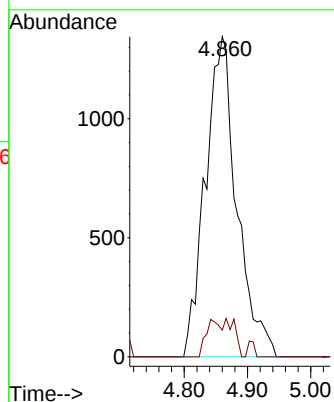
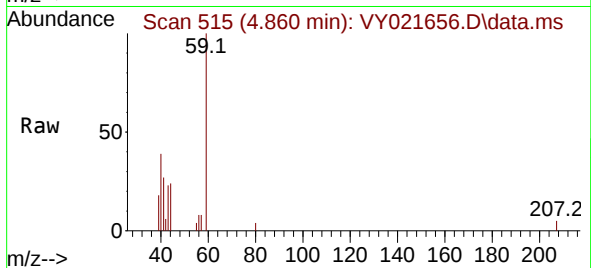




#11
Tert butyl alcohol
Concen: 30.344 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

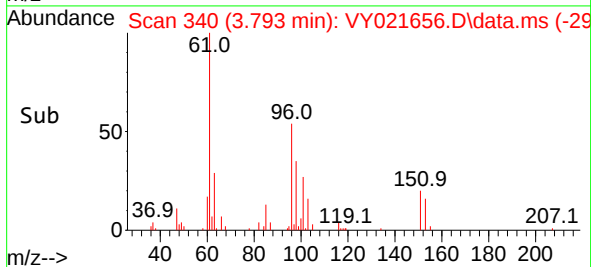
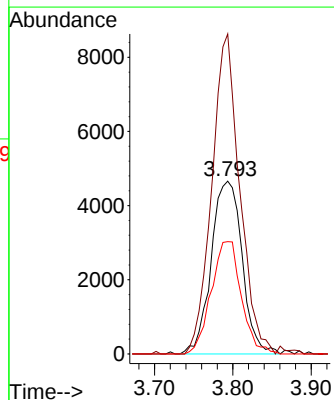
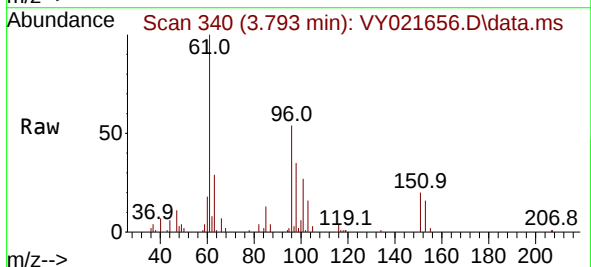
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

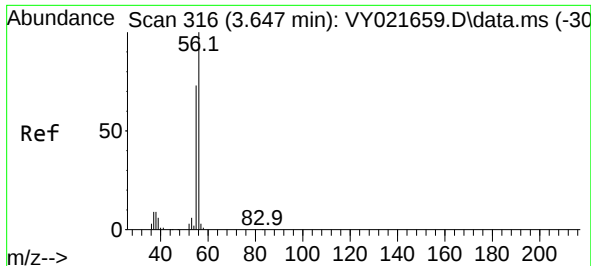
Tgt Ion: 59 Resp: 4636
Ion Ratio Lower Upper
59 100
57 5.7 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 5.611 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 96 Resp: 12778
Ion Ratio Lower Upper
96 100
61 185.1 136.6 204.8
98 65.0 52.3 78.5





#13

Acrolein

Concen: 26.881 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

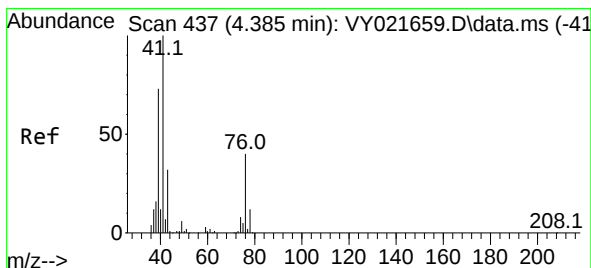
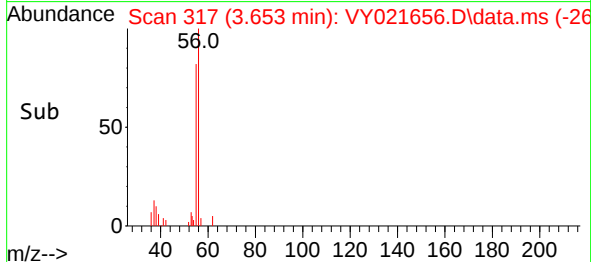
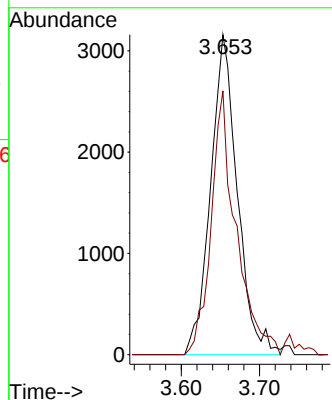
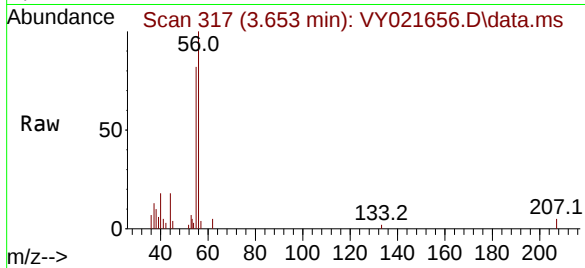
VSTDICC005

Tgt Ion: 56 Resp: 7499

Ion Ratio Lower Upper

56 100

55 76.7 56.6 85.0



#14

Allyl chloride

Concen: 5.362 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

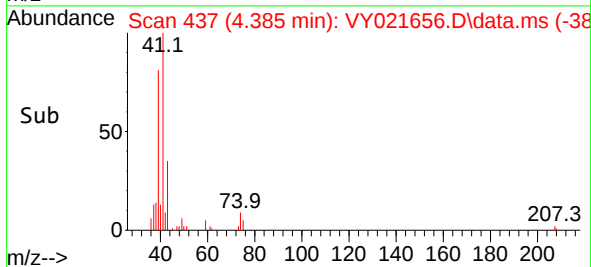
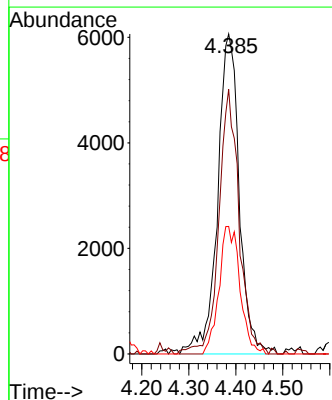
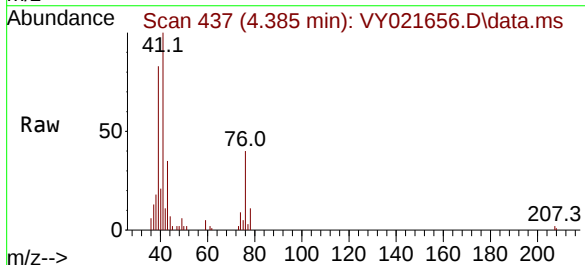
Tgt Ion: 41 Resp: 19469

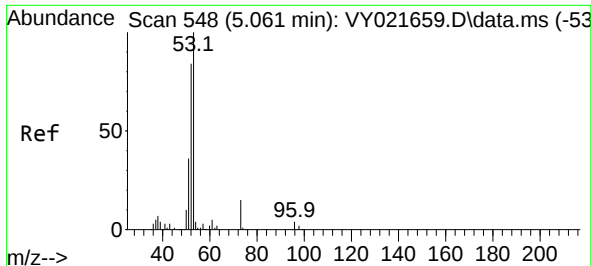
Ion Ratio Lower Upper

41 100

39 76.8 58.6 88.0

76 38.6 30.3 45.5

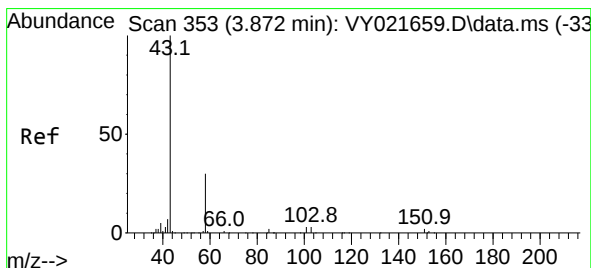
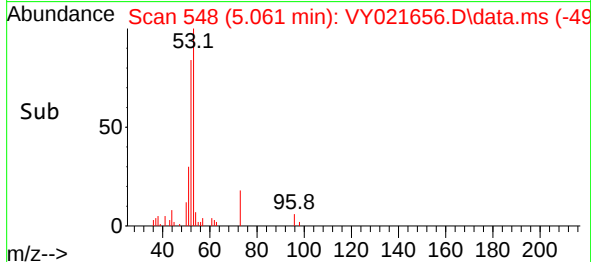
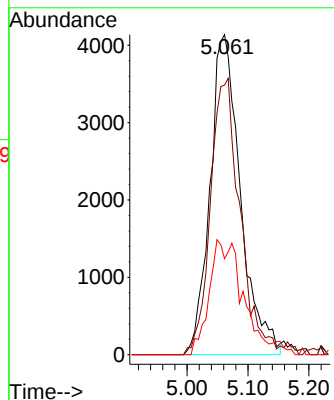
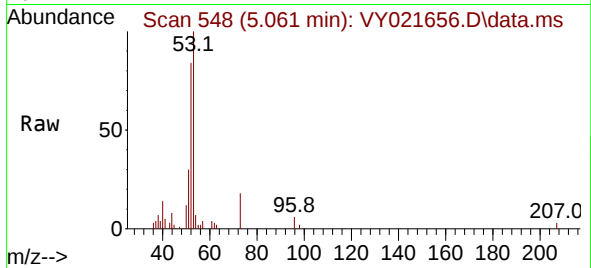




#15
Acrylonitrile
Concen: 27.546 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

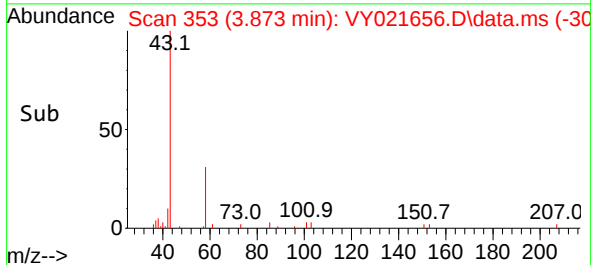
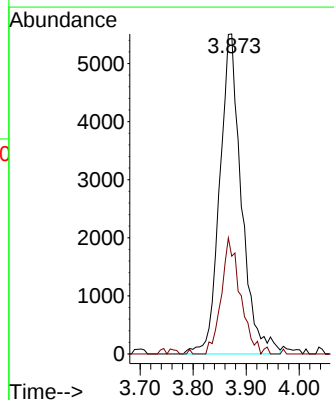
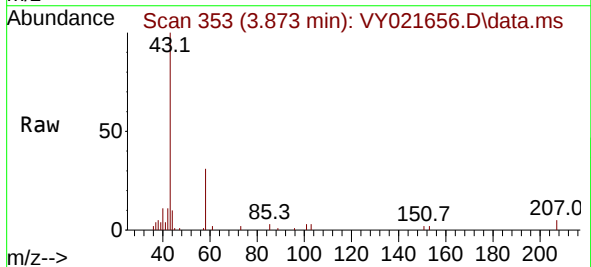
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

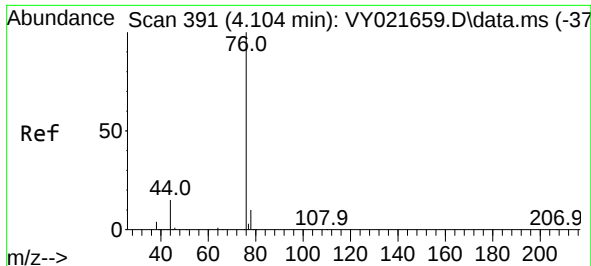
Tgt Ion: 53 Resp: 14337
Ion Ratio Lower Upper
53 100
52 84.3 64.9 97.3
51 18.9 30.2 45.2#



#16
Acetone
Concen: 32.687 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 43 Resp: 15736
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.4

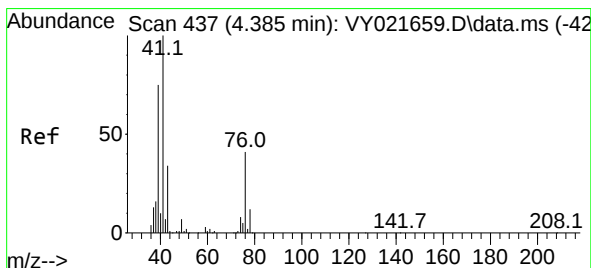
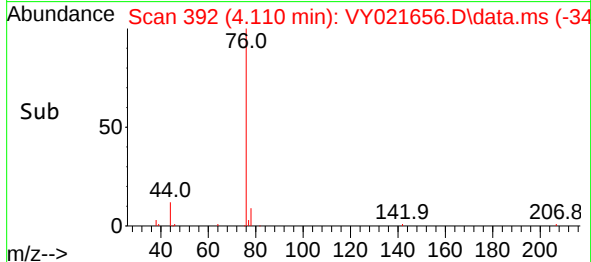
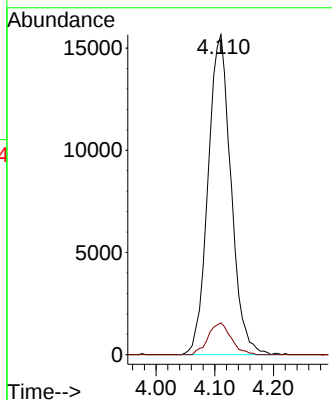
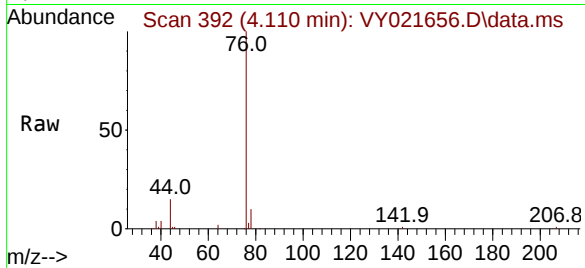




#17
Carbon Disulfide
Concen: 5.662 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

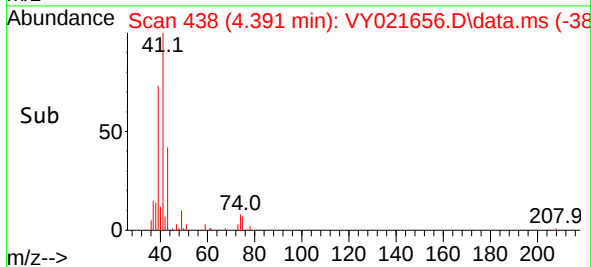
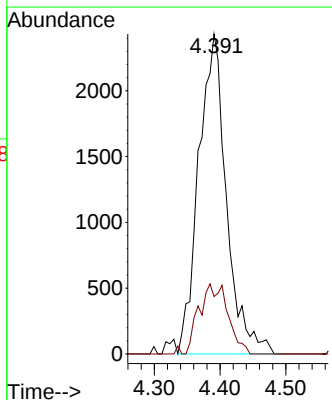
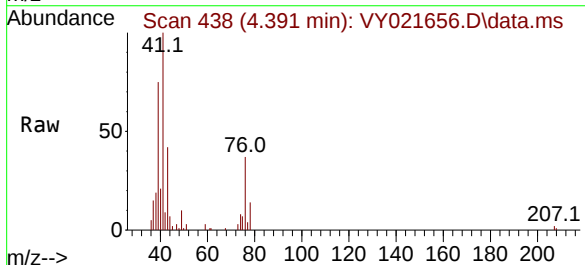
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 42467
Ion Ratio Lower Upper
76 100
78 10.0 7.6 11.4



#18
Methyl Acetate
Concen: 5.985 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 43 Resp: 7141
Ion Ratio Lower Upper
43 100
74 22.6 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 5.286 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

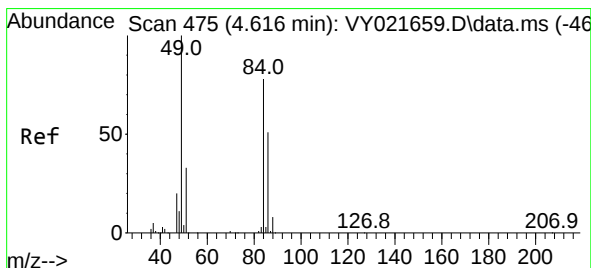
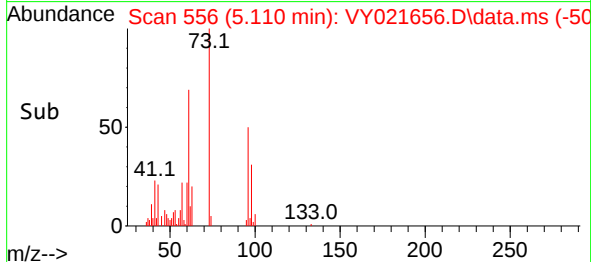
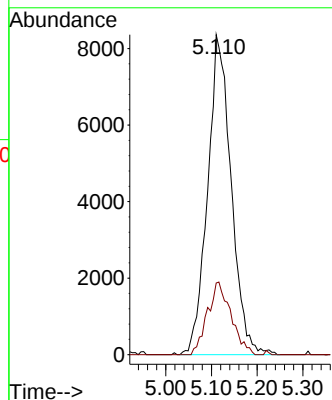
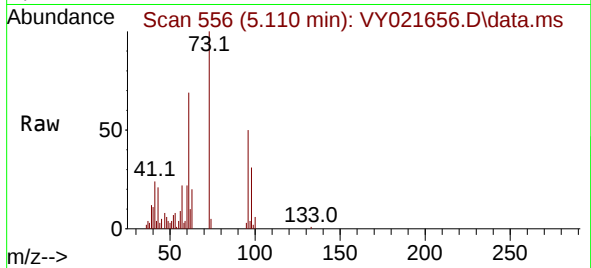
VSTDIC005

Tgt Ion: 73 Resp: 29969

Ion Ratio Lower Upper

73 100

57 22.4 18.1 27.1



#20

Methylene Chloride

Concen: 4.497 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion: 84 Resp: 18885

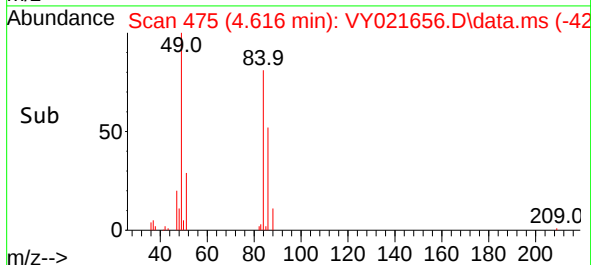
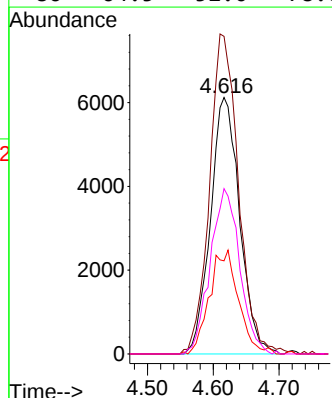
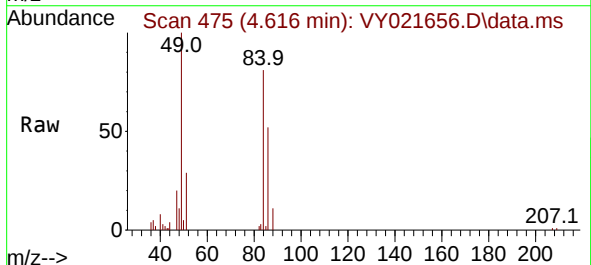
Ion Ratio Lower Upper

84 100

49 123.8 102.8 154.2

51 36.3 33.5 50.3

86 64.5 52.0 78.0

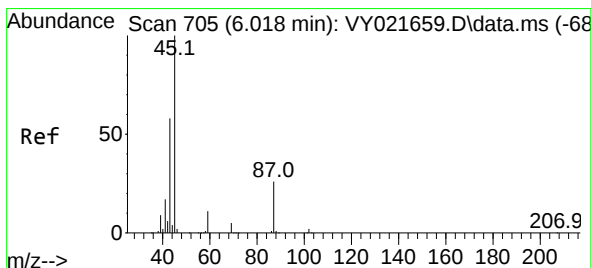
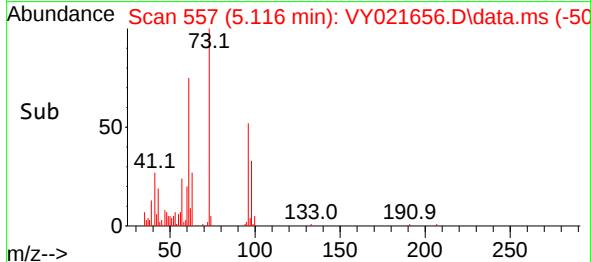
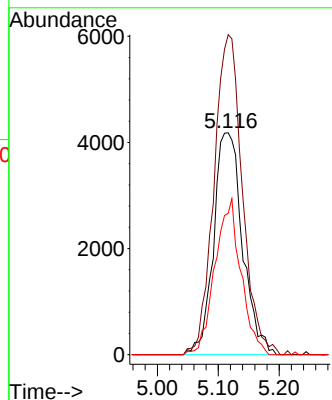
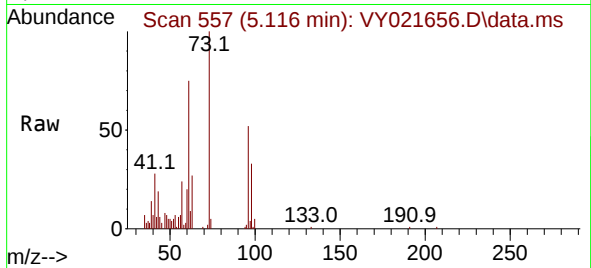




#21
trans-1,2-Dichloroethene
Concen: 5.489 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

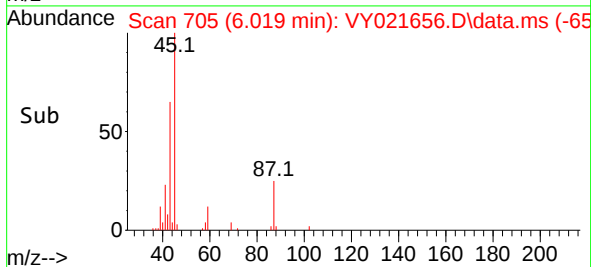
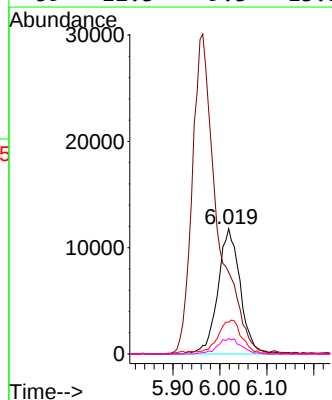
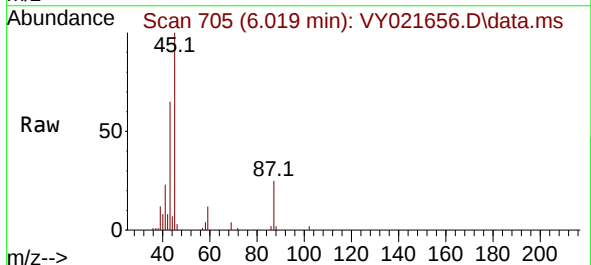
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

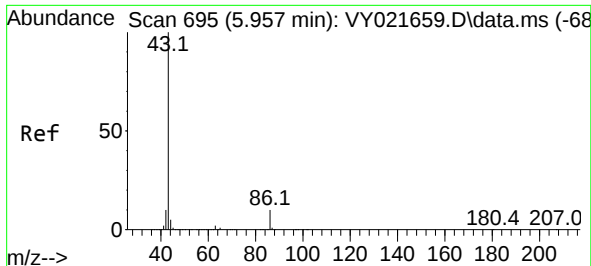
Tgt Ion: 96 Resp: 13763
Ion Ratio Lower Upper
96 100
61 144.2 109.4 164.0
98 63.7 50.2 75.2



#22
Diisopropyl ether
Concen: 5.118 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 45 Resp: 38980
Ion Ratio Lower Upper
45 100
43 64.0 46.6 69.8
87 25.2 20.7 31.1
59 12.3 9.3 13.9

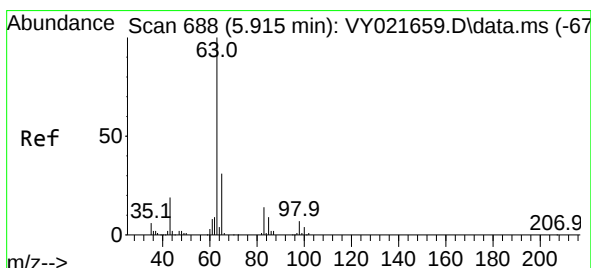
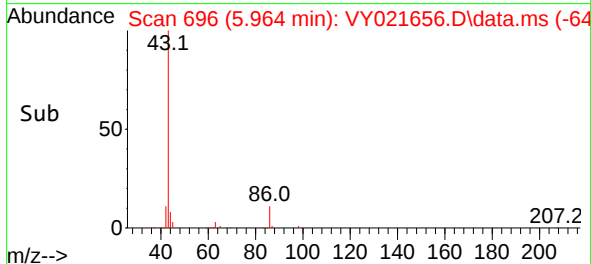
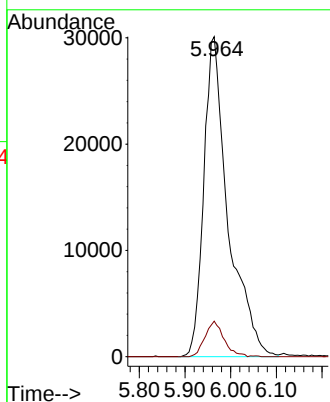
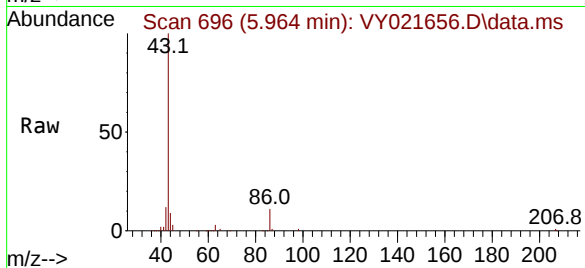




#23
 Vinyl Acetate
 Concen: 24.992 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

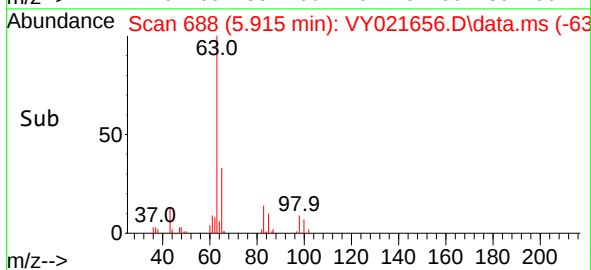
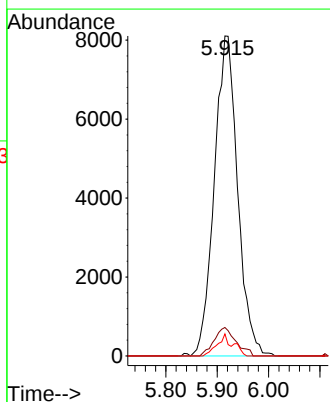
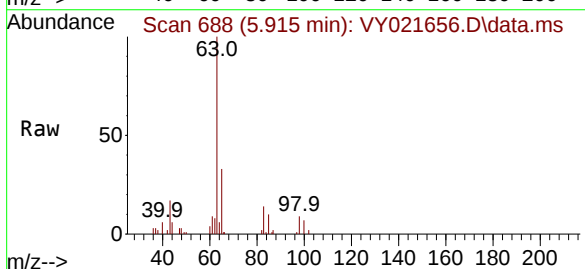
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

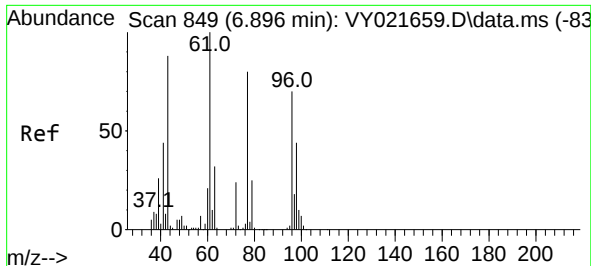
Tgt Ion: 43 Resp: 111357
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 5.616 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

Tgt Ion: 63 Resp: 25578
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.5
 100 6.9 2.2 6.6#

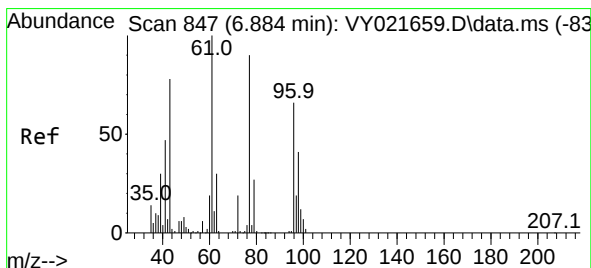
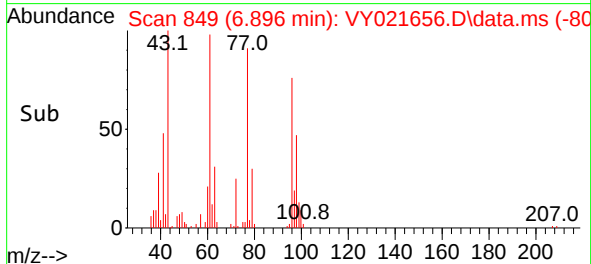
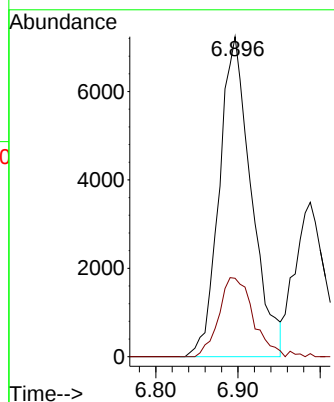
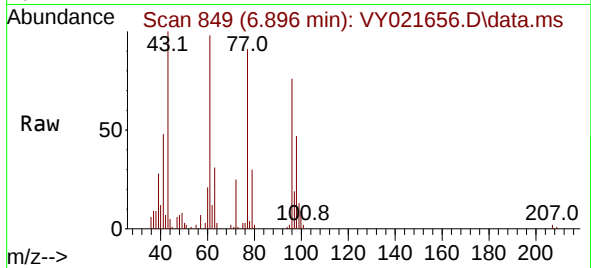




#25
2-Butanone
Concen: 28.598 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

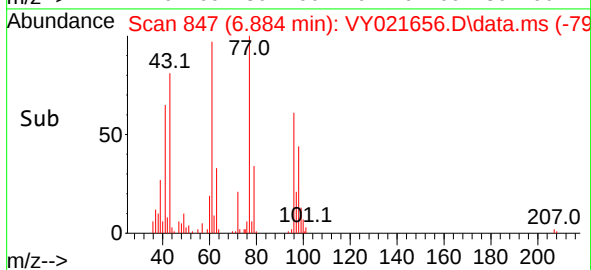
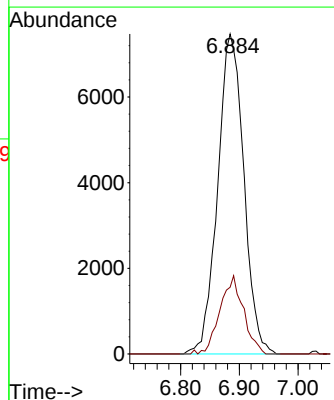
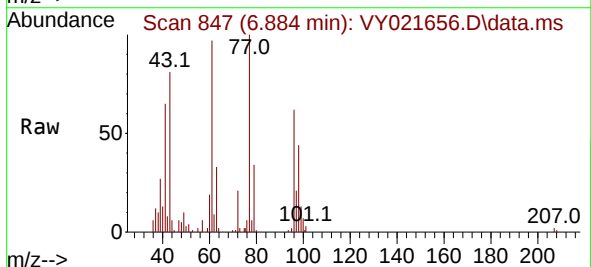
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

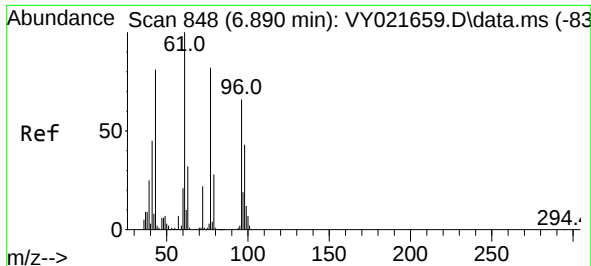
Tgt Ion: 43 Resp: 19664
Ion Ratio Lower Upper
43 100
72 24.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 5.695 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 77 Resp: 23073
Ion Ratio Lower Upper
77 100
97 21.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 5.390 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

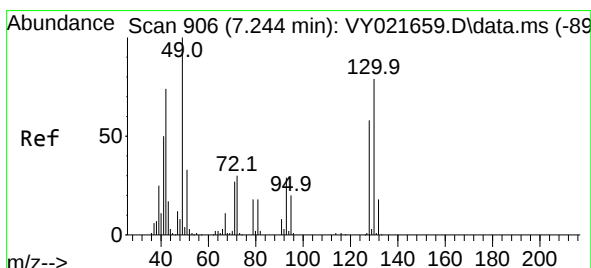
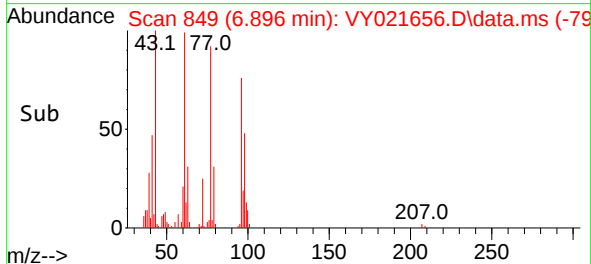
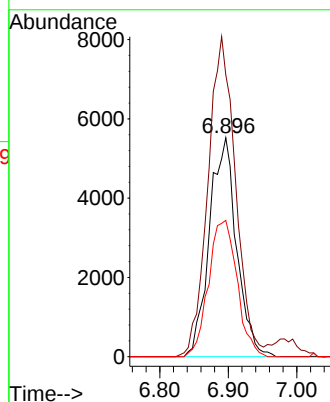
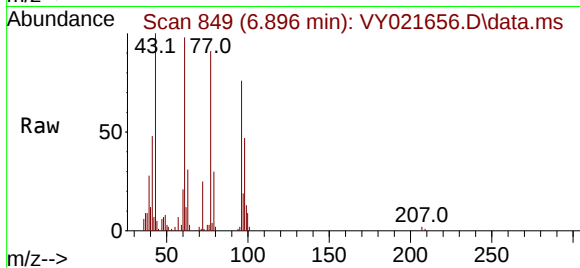
Tgt Ion: 96 Resp: 15197

Ion Ratio Lower Upper

96 100

61 148.4 0.0 296.4

98 65.4 0.0 128.0



#28

Bromochloromethane

Concen: 5.799 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

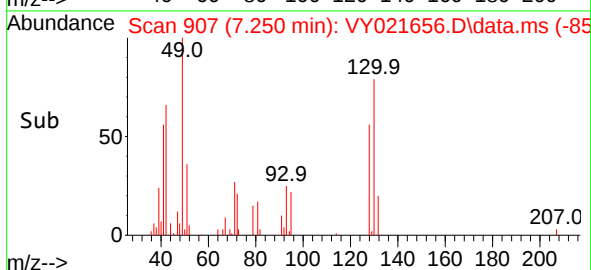
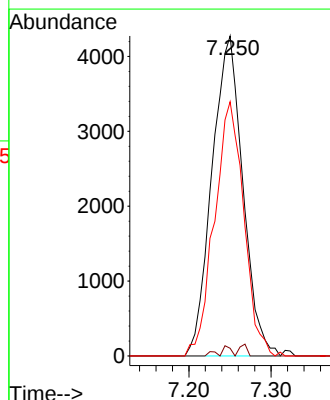
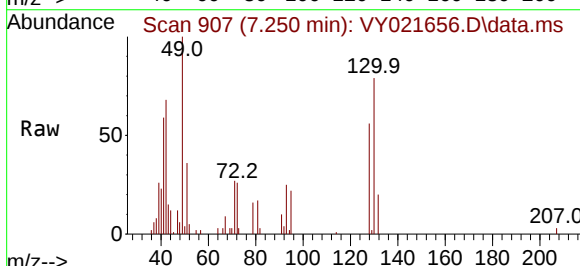
Tgt Ion: 49 Resp: 11139

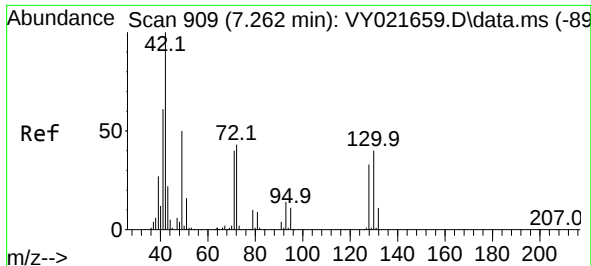
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.4

130 75.8 60.1 90.1





#29

Tetrahydrofuran

Concen: 26.430 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

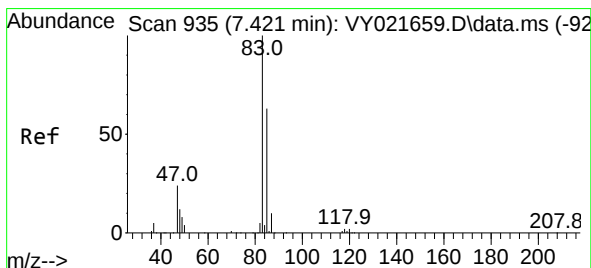
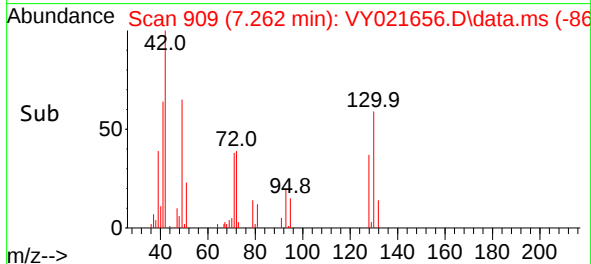
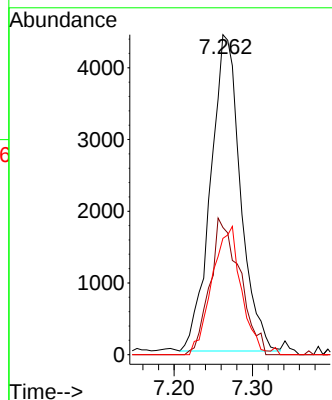
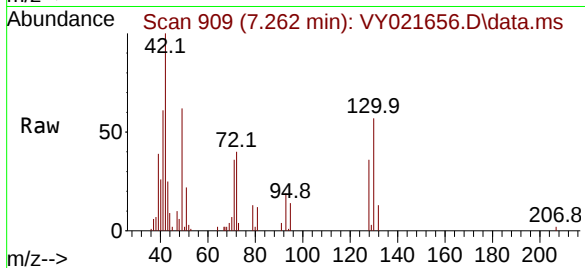
Tgt Ion: 42 Resp: 11696

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

71 39.9 32.5 48.7



#30

Chloroform

Concen: 5.662 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021656.D

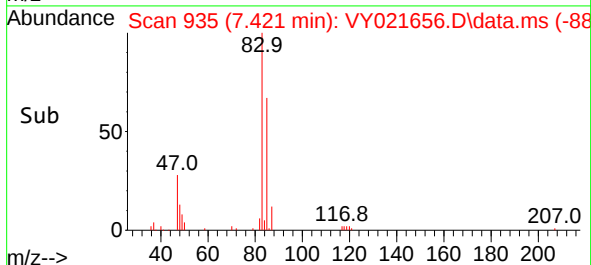
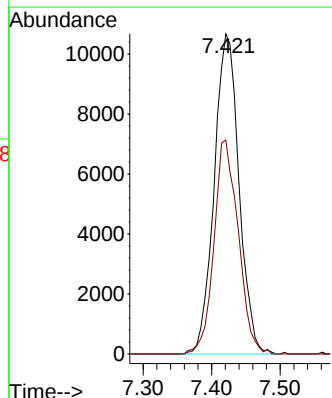
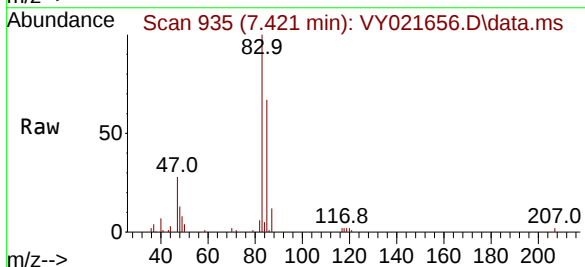
Acq: 27 Mar 2025 10:08

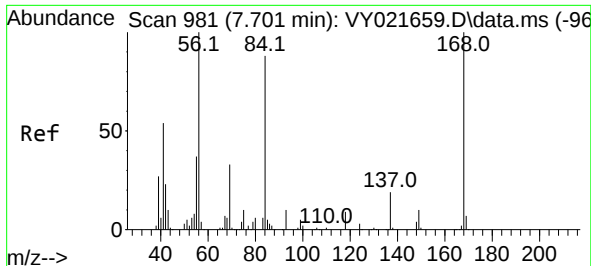
Tgt Ion: 83 Resp: 26819

Ion Ratio Lower Upper

83 100

85 66.9 50.6 75.8

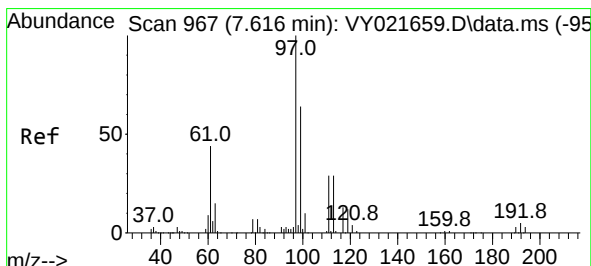
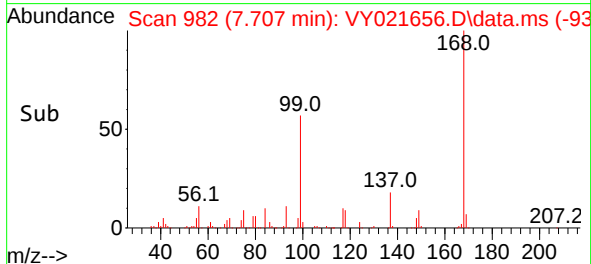
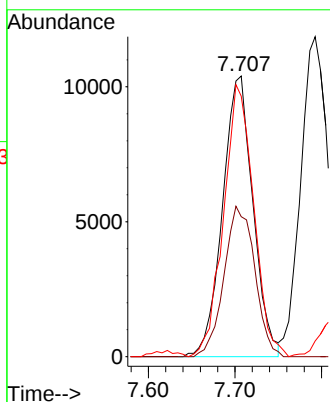
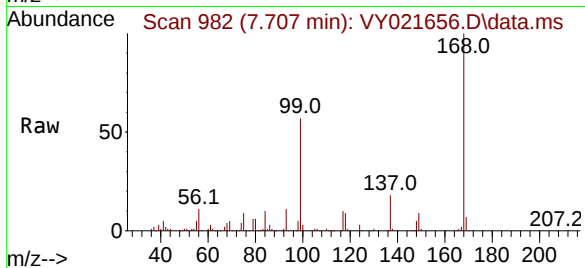




#31
Cyclohexane
Concen: 6.117 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

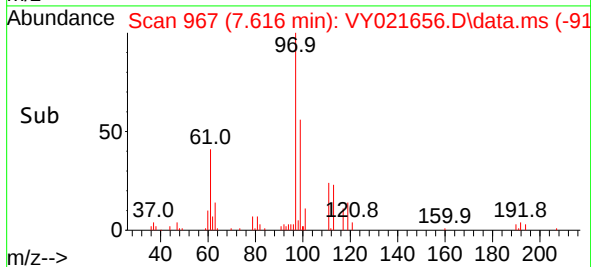
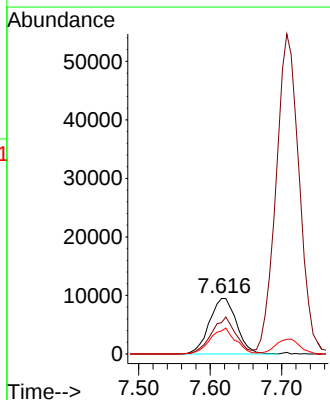
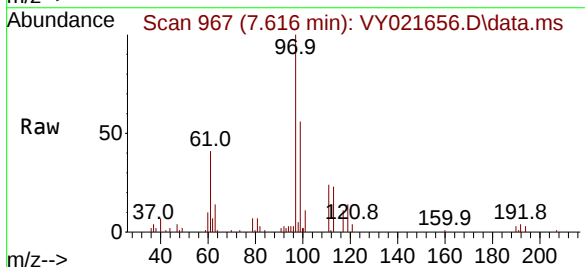
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

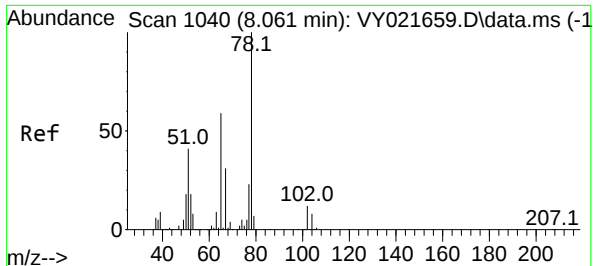
Tgt Ion: 56 Resp: 25394
Ion Ratio Lower Upper
56 100
69 49.9 26.6 40.0#
84 91.4 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 5.856 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 97 Resp: 25069
Ion Ratio Lower Upper
97 100
99 59.7 50.7 76.1
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 5.650 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

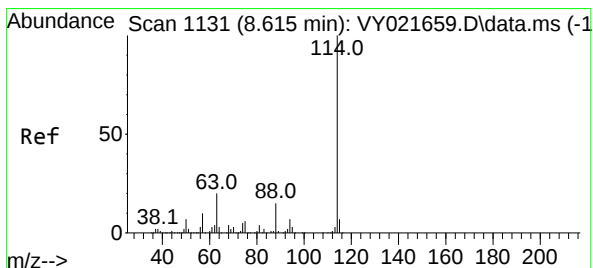
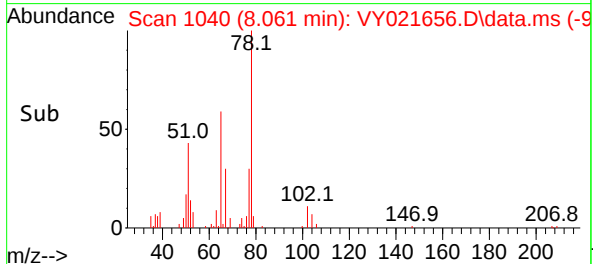
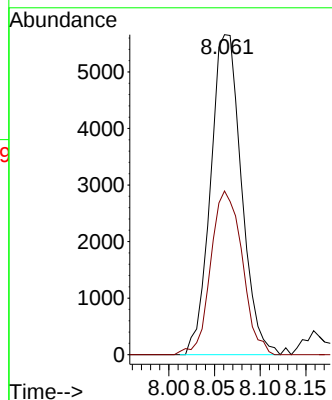
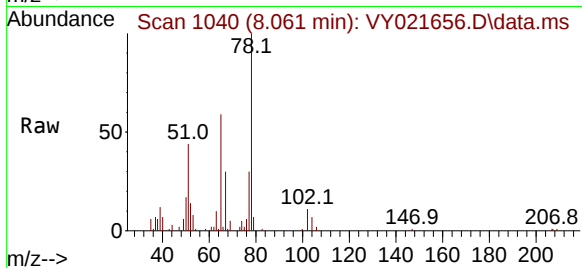
VSTDIC005

Tgt Ion: 65 Resp: 13289

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

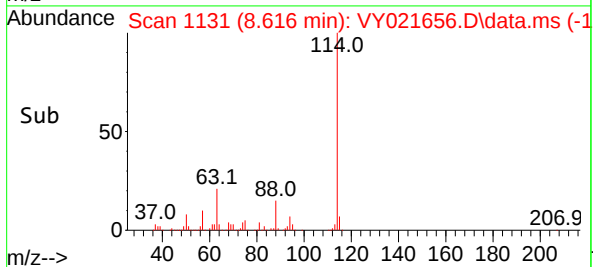
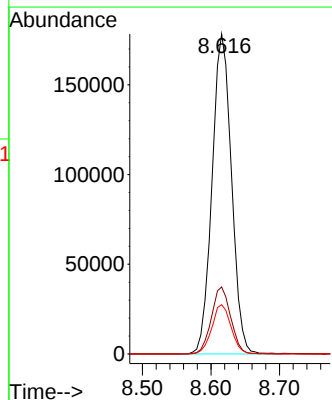
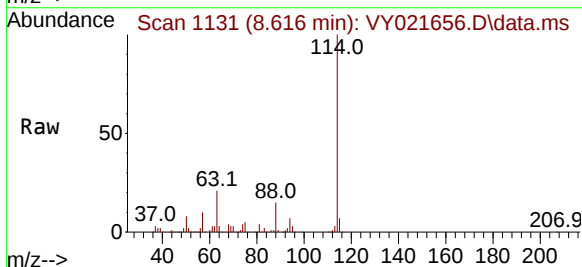
Tgt Ion: 114 Resp: 350486

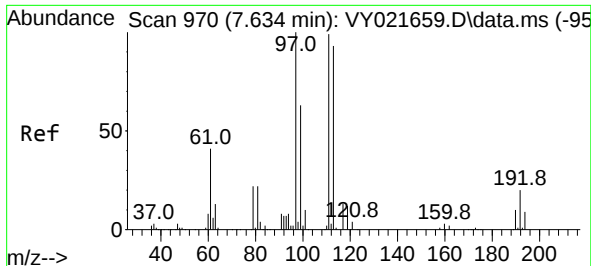
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 15.4 0.0 29.8

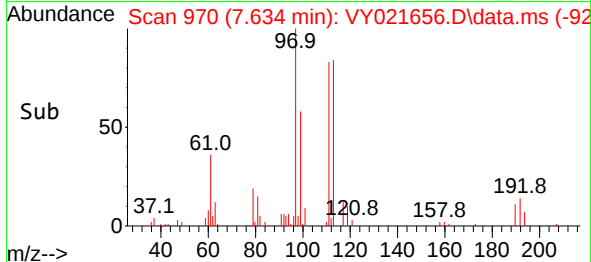
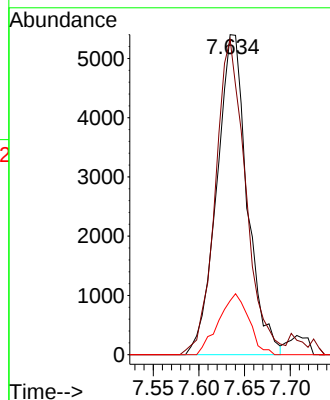
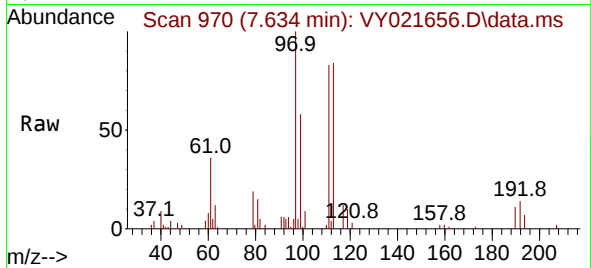




#35
Dibromofluoromethane
Concen: 5.506 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

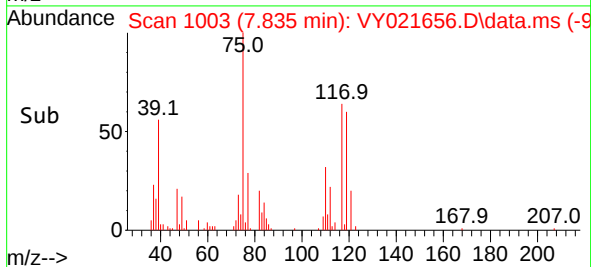
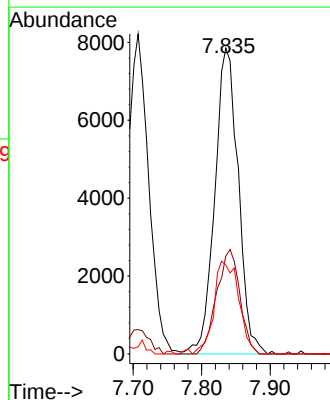
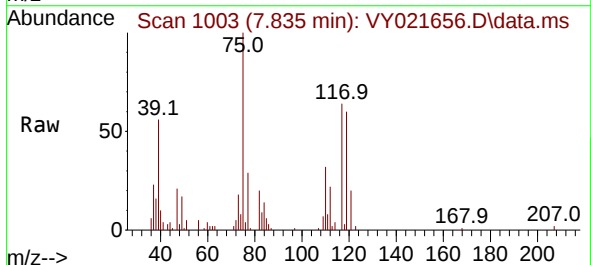
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

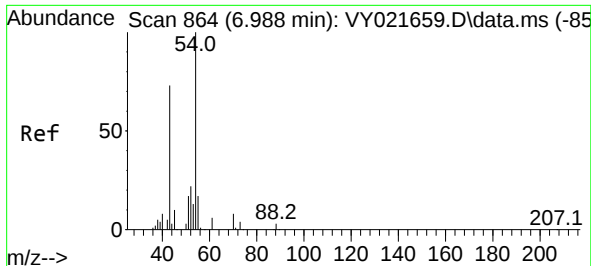
Tgt Ion:113 Resp: 12519
Ion Ratio Lower Upper
113 100
111 98.5 82.6 123.8
192 18.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 5.388 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 75 Resp: 18659
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 32.1 24.8 37.2





#37

Ethyl Acetate

Concen: 5.788 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

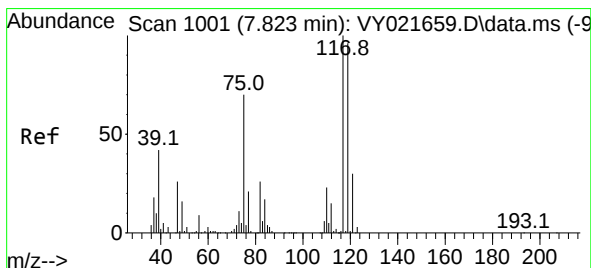
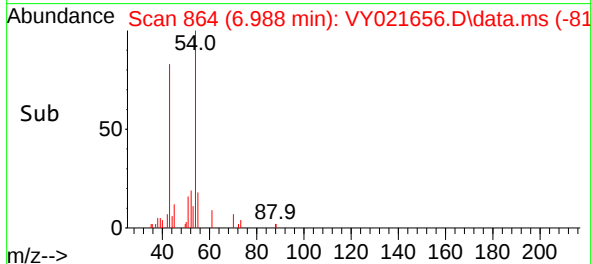
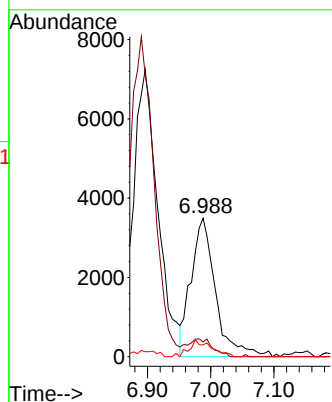
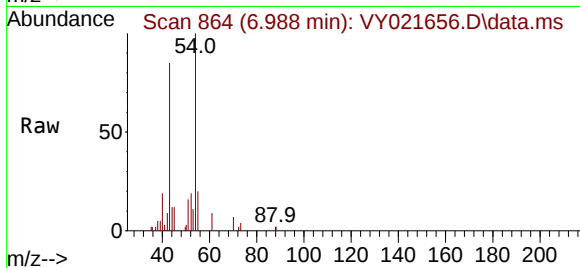
Tgt Ion: 43 Resp: 9459

Ion Ratio Lower Upper

43 100

61 10.9 11.0 16.6#

70 10.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 5.625 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

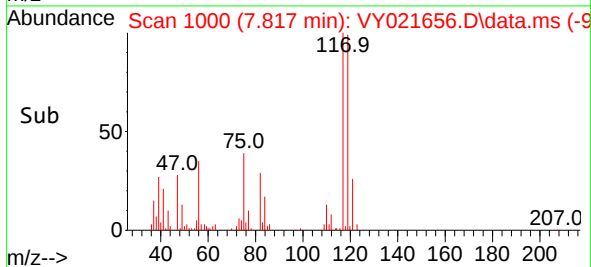
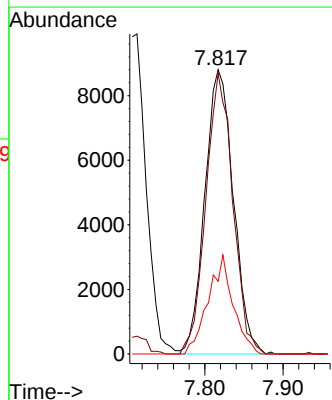
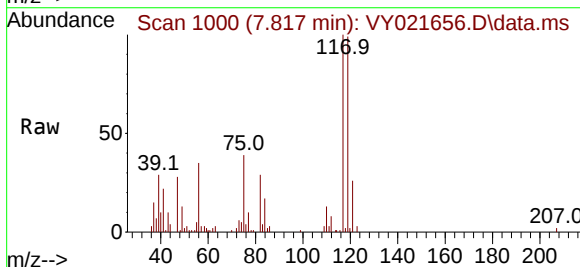
Tgt Ion: 117 Resp: 22310

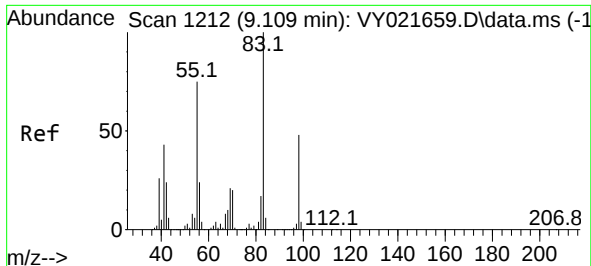
Ion Ratio Lower Upper

117 100

119 98.7 76.2 114.4

121 25.6 24.2 36.4





#39

Methylcyclohexane

Concen: 5.023 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

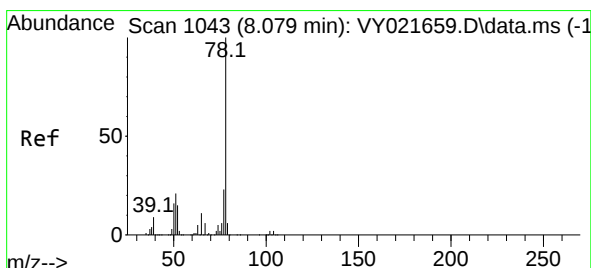
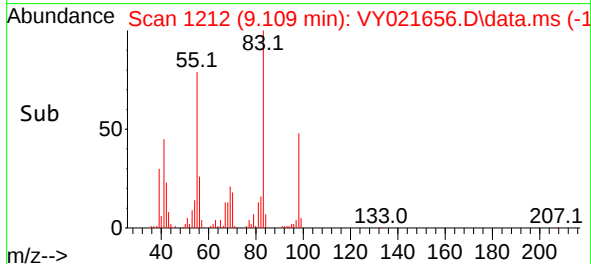
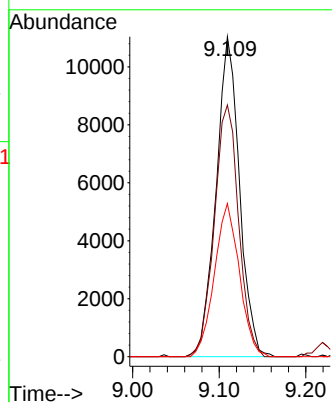
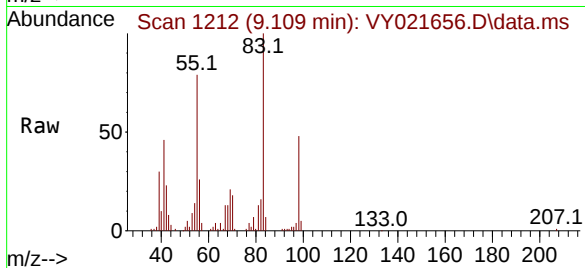
Tgt Ion: 83 Resp: 20781

Ion Ratio Lower Upper

83 100

55 78.6 59.7 89.5

98 47.9 38.3 57.5



#40

Benzene

Concen: 5.427 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021656.D

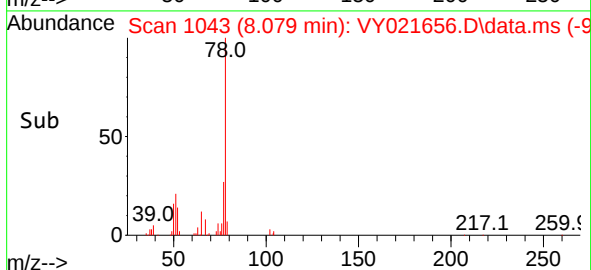
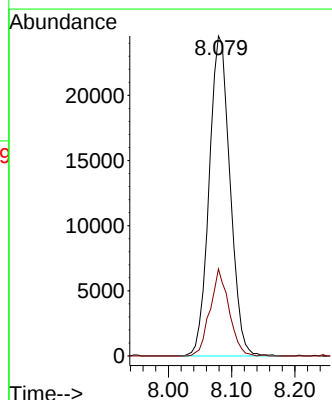
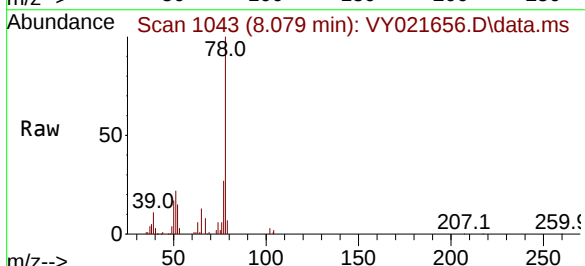
Acq: 27 Mar 2025 10:08

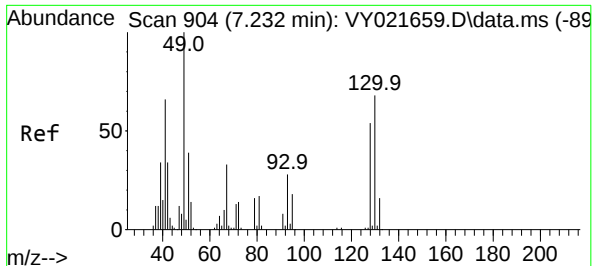
Tgt Ion: 78 Resp: 56287

Ion Ratio Lower Upper

78 100

77 27.2 18.8 28.2

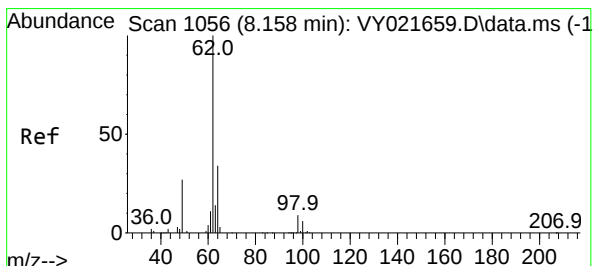
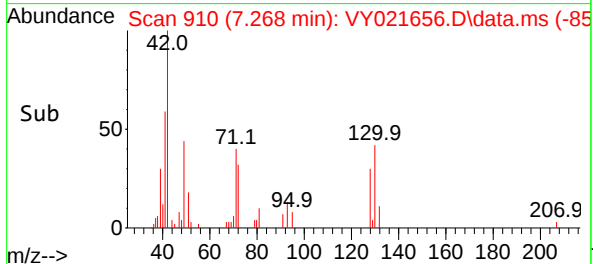
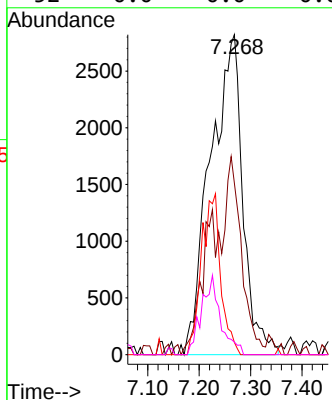
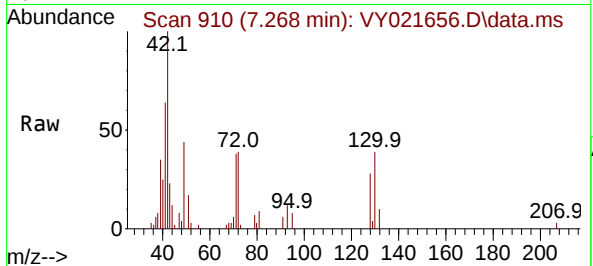




#41
Methacrylonitrile
Concen: 14.252 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.037 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

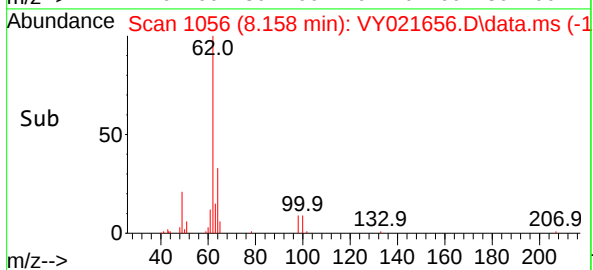
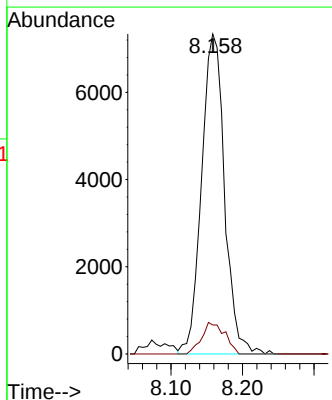
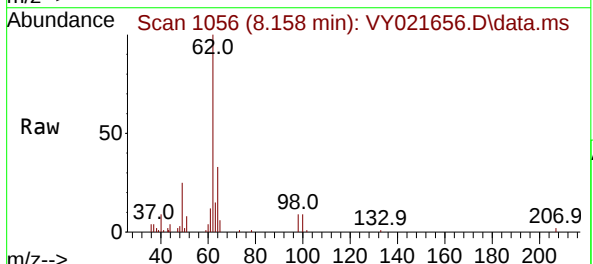
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

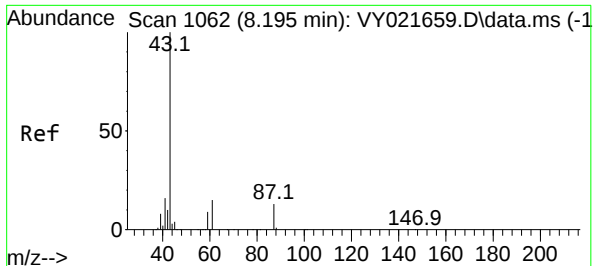
Tgt Ion: 41 Resp: 12369
Ion Ratio Lower Upper
41 100
39 29.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.603 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 62 Resp: 16381
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 5.329 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

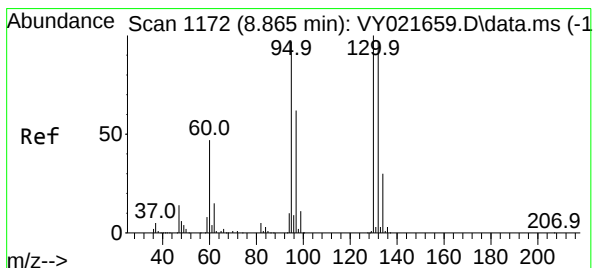
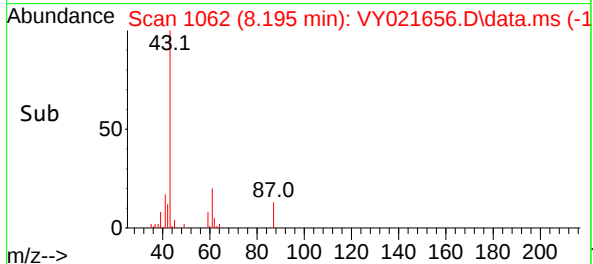
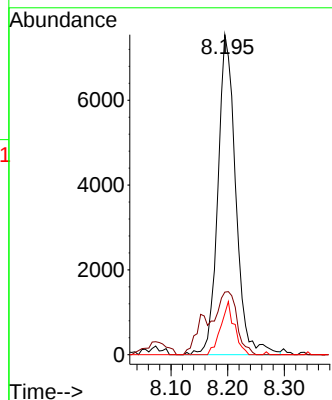
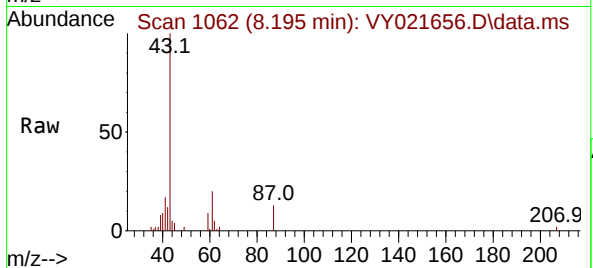
Tgt Ion: 43 Resp: 16504

Ion Ratio Lower Upper

43 100

61 21.8 15.9 23.9

87 12.8 10.4 15.6



#44

Trichloroethene

Concen: 5.470 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021656.D

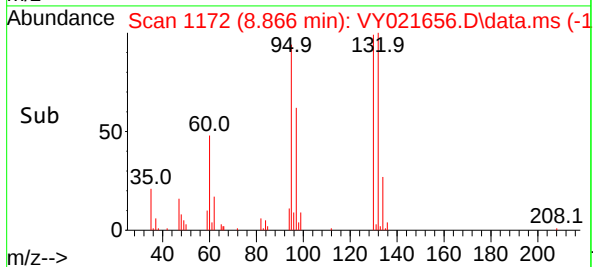
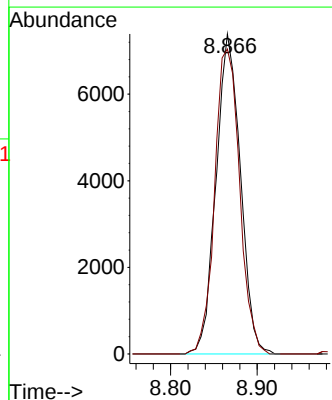
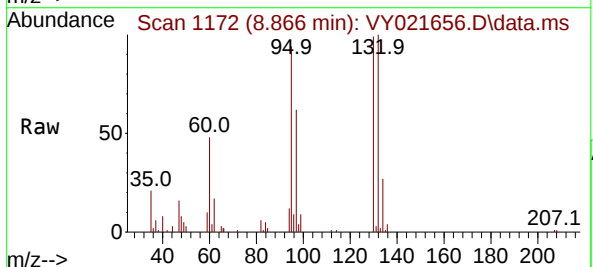
Acq: 27 Mar 2025 10:08

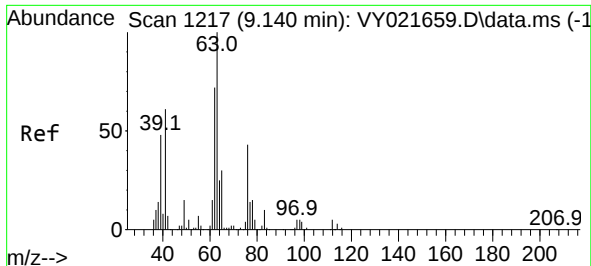
Tgt Ion:130 Resp: 14453

Ion Ratio Lower Upper

130 100

95 95.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 5.470 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

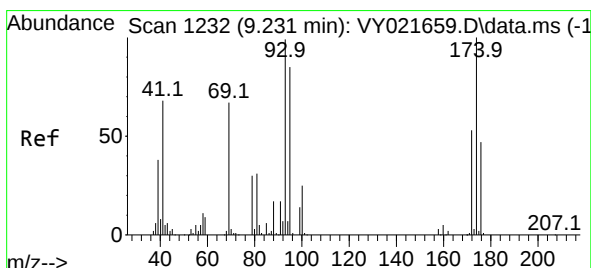
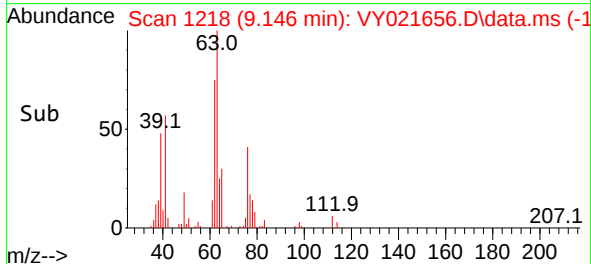
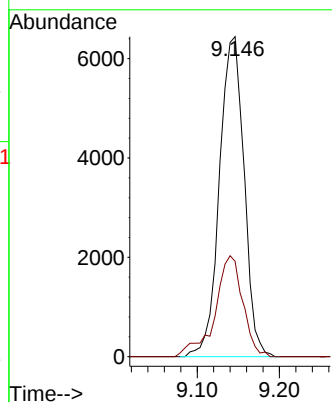
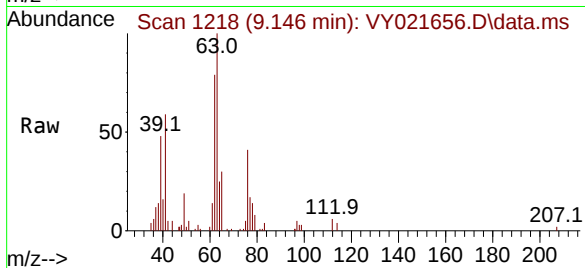
VSTDIC005

Tgt Ion: 63 Resp: 13429

Ion Ratio Lower Upper

63 100

65 29.8 24.4 36.6



#46

Dibromomethane

Concen: 5.571 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

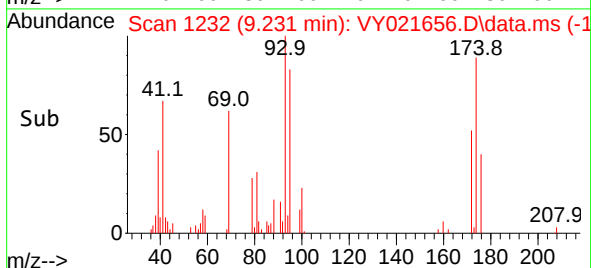
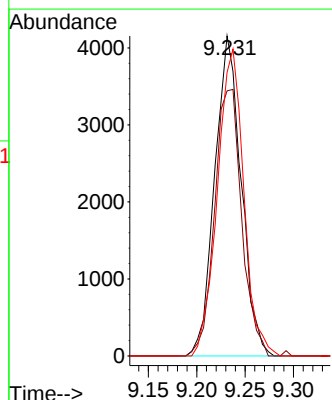
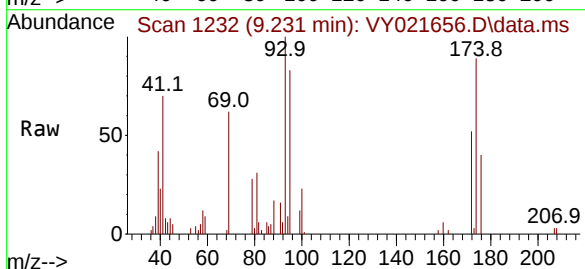
Tgt Ion: 93 Resp: 7882

Ion Ratio Lower Upper

93 100

95 85.8 68.1 102.1

174 95.8 80.9 121.3

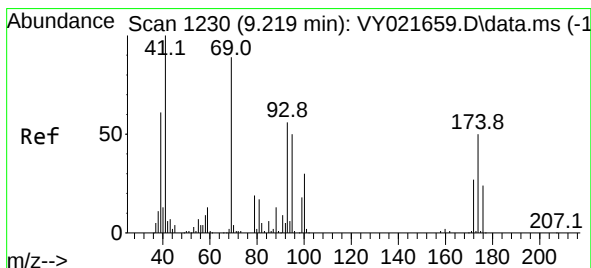
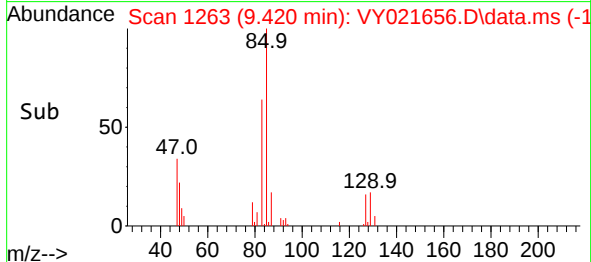
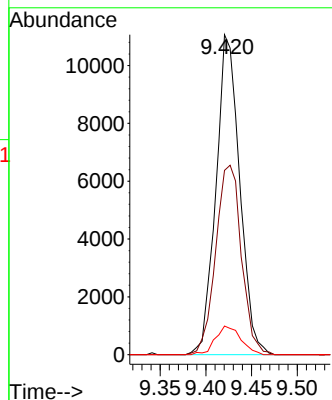
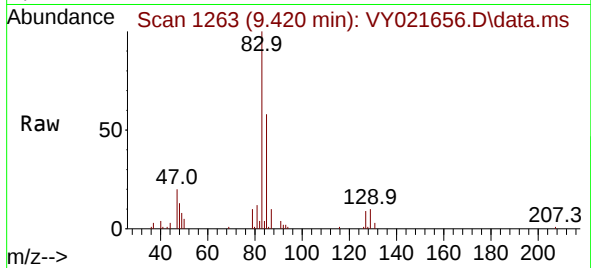




#47
Bromodichloromethane
Concen: 5.458 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

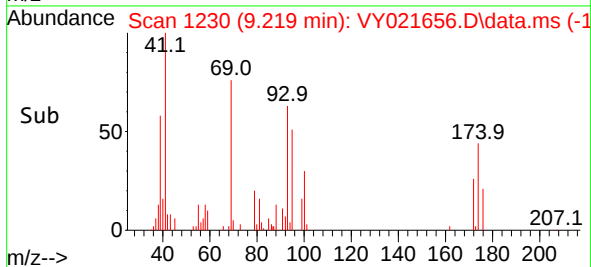
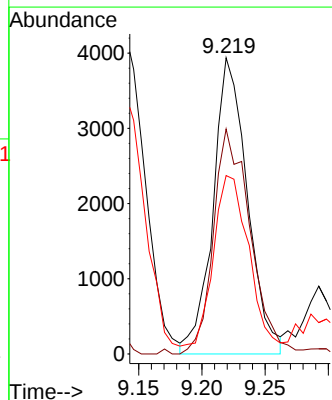
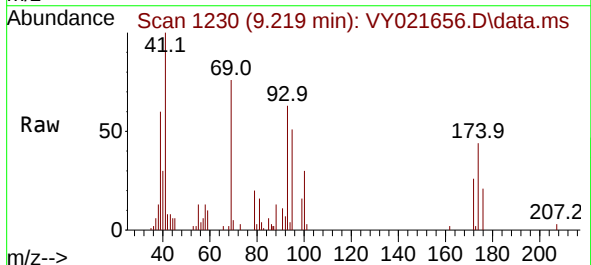
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

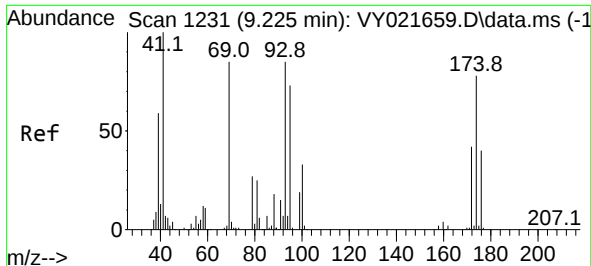
Tgt Ion:	83	Resp:	20008
Ion	Ratio	Lower	Upper
83	100		
85	57.6	51.8	77.6
127	9.0	6.8	10.2



#48
Methyl methacrylate
Concen: 5.225 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:	41	Resp:	7427
Ion	Ratio	Lower	Upper
41	100		
69	81.4	69.8	104.8
39	59.4	47.2	70.8





#49

1,4-Dioxane

Concen: 103.789 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

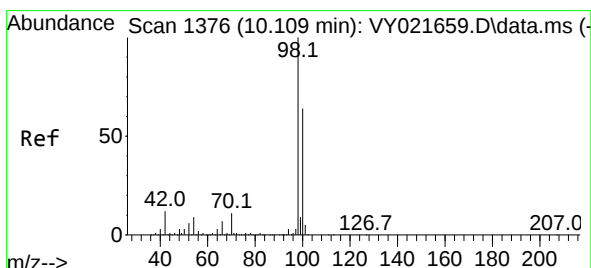
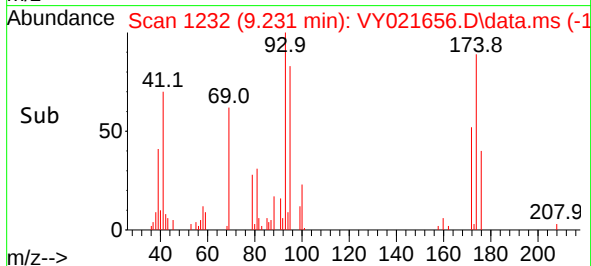
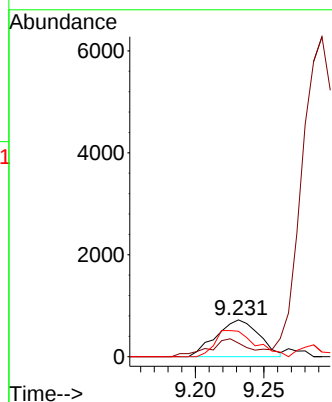
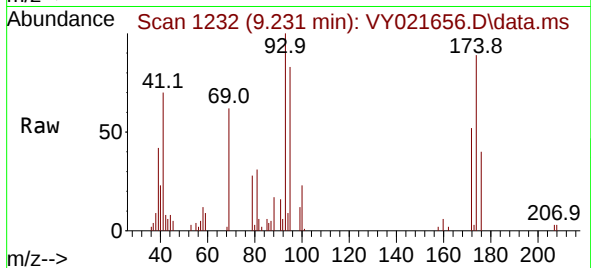
Tgt Ion: 88 Resp: 1573

Ion Ratio Lower Upper

88 100

43 40.8 28.8 43.2

58 66.1 59.4 89.2



#50

Toluene-d8

Concen: 5.177 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021656.D

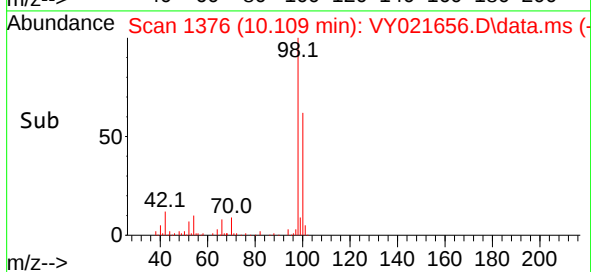
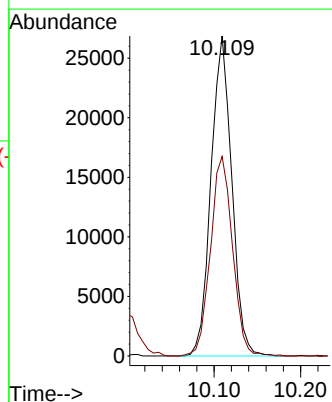
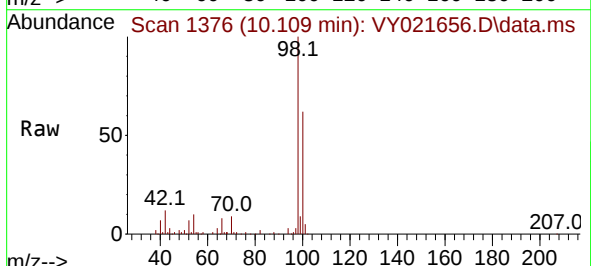
Acq: 27 Mar 2025 10:08

Tgt Ion: 98 Resp: 44774

Ion Ratio Lower Upper

98 100

100 66.2 52.1 78.1

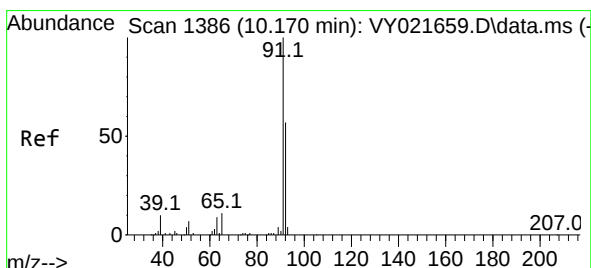
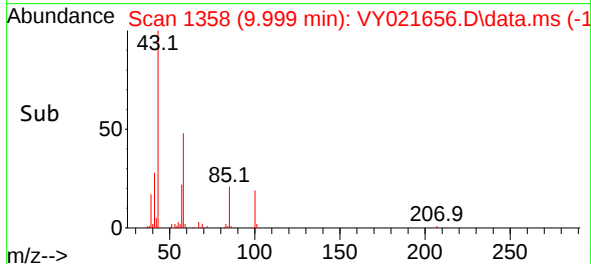
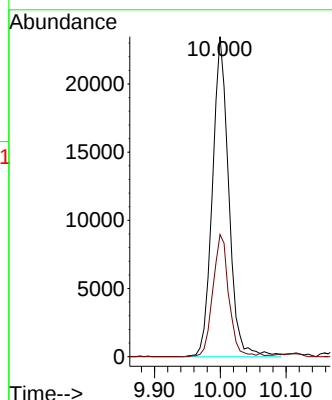
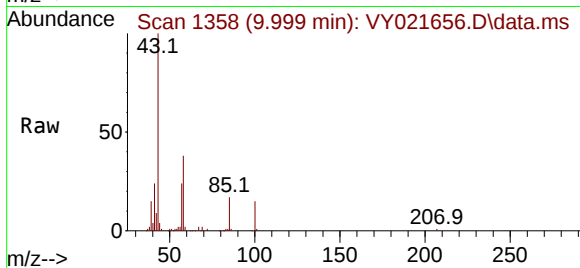




#51
4-Methyl-2-Pentanone
Concen: 25.191 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

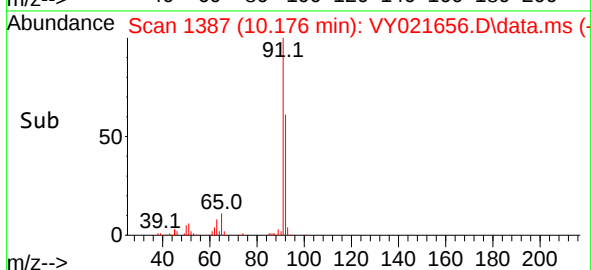
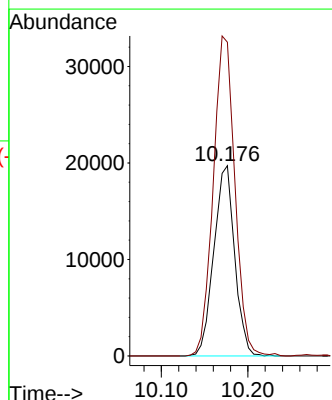
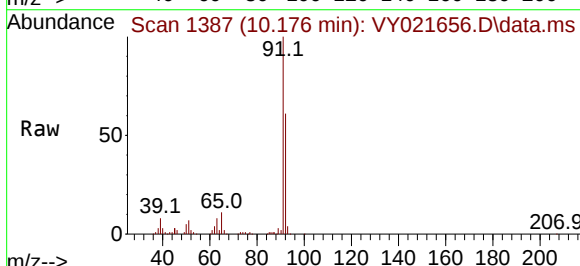
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

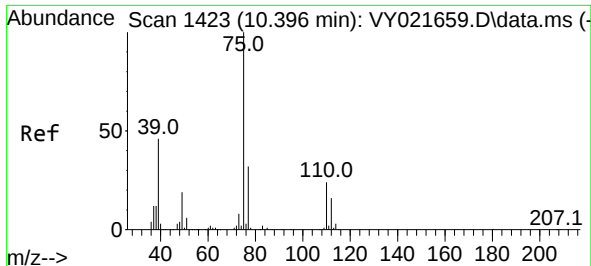
Tgt Ion: 43 Resp: 40601
Ion Ratio Lower Upper
43 100
58 37.6 31.5 47.3



#52
Toluene
Concen: 5.093 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 92 Resp: 32954
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8

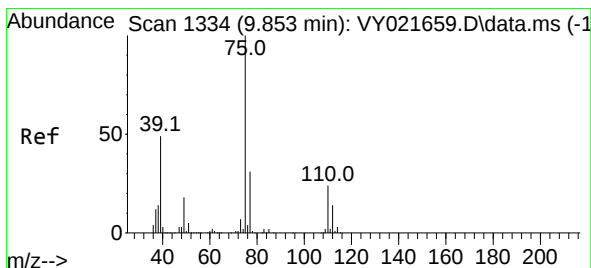
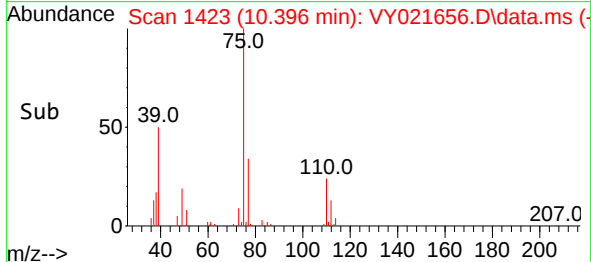
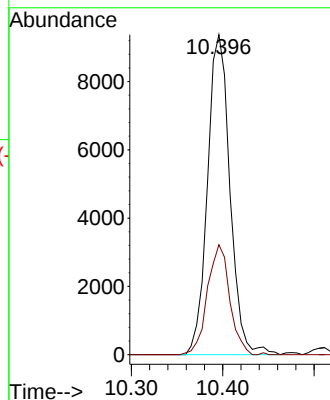
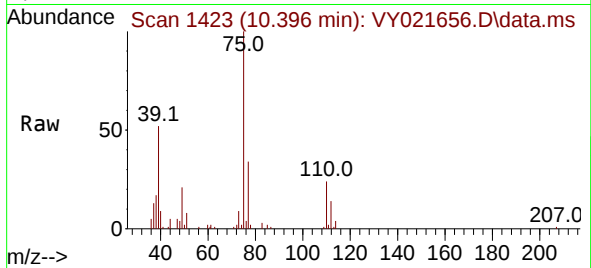




#53
 t-1,3-Dichloropropene
 Concen: 4.909 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

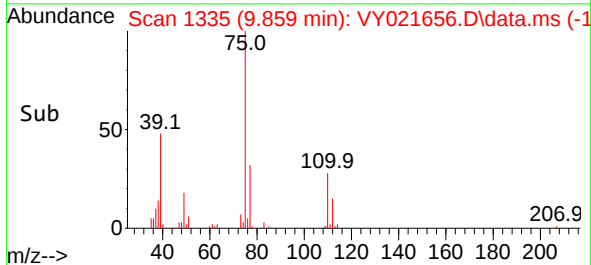
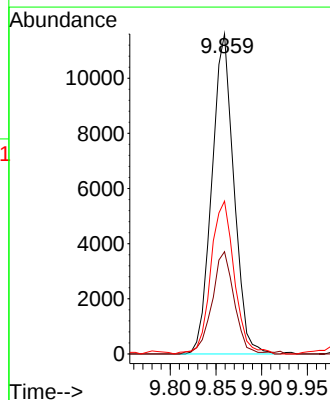
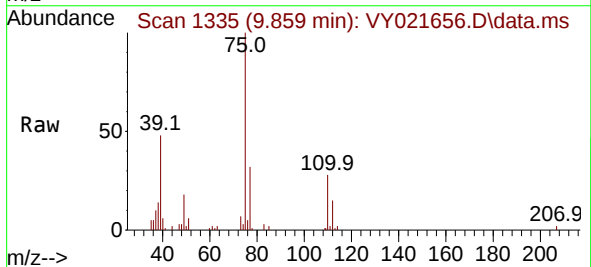
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

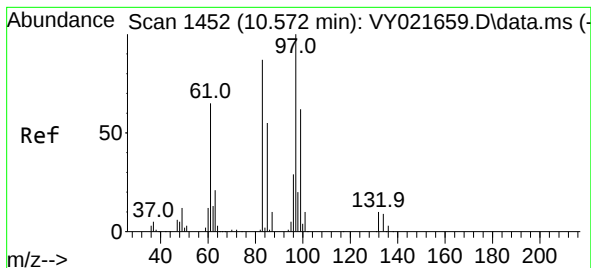
Tgt Ion: 75 Resp: 15986
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 5.049 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

Tgt Ion: 75 Resp: 19395
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 47.7 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 5.384 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 9802

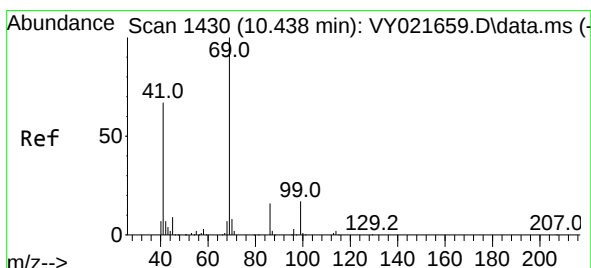
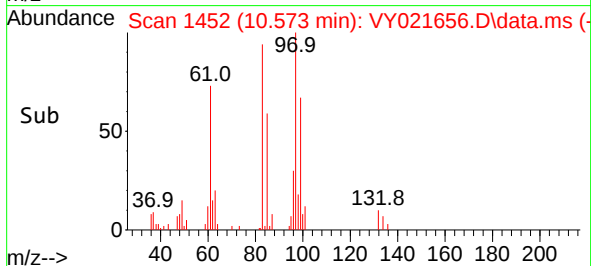
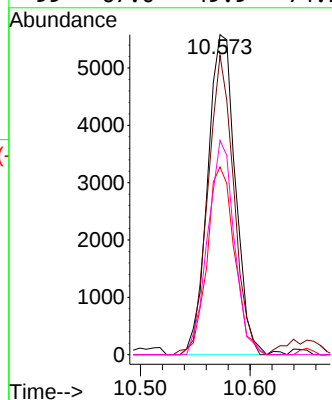
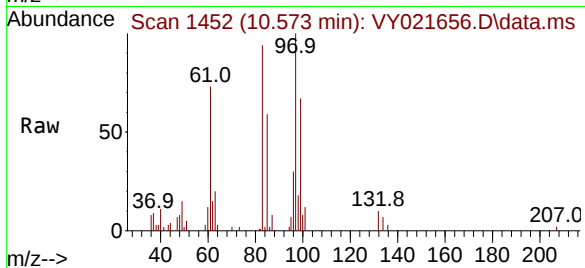
Ion Ratio Lower Upper

97 100

83 92.2 69.5 104.3

85 58.7 43.9 65.9

99 67.0 49.9 74.9



#56

Ethyl methacrylate

Concen: 4.327 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

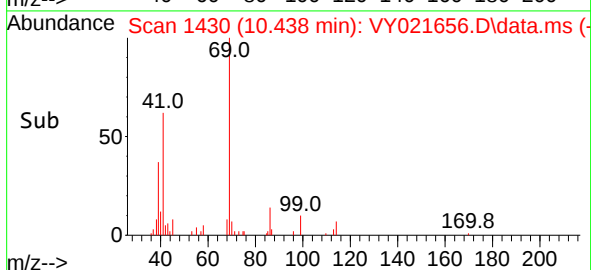
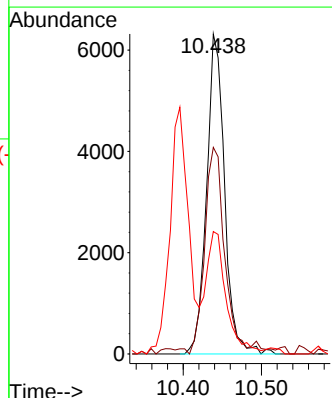
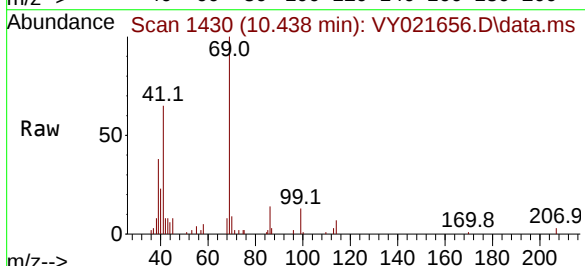
Tgt Ion: 69 Resp: 10060

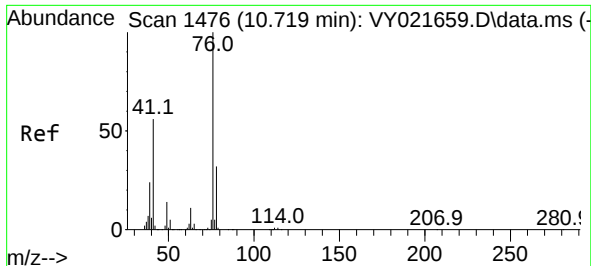
Ion Ratio Lower Upper

69 100

41 71.3 53.8 80.6

39 42.5 29.6 44.4





#57

1,3-Dichloropropane

Concen: 5.258 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

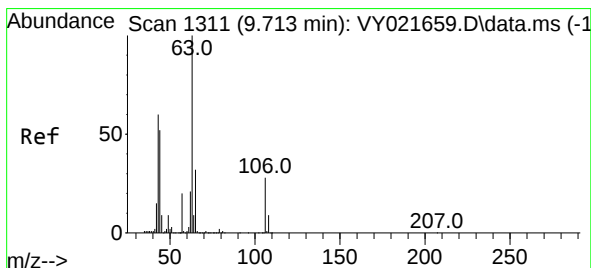
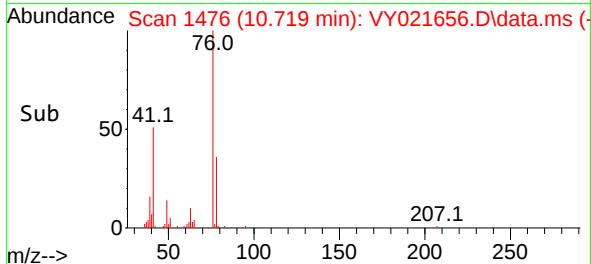
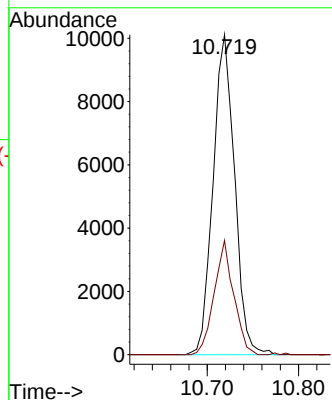
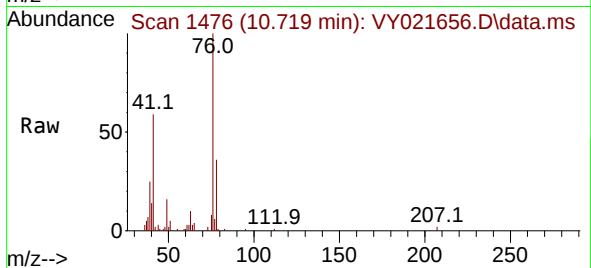
VSTDICC005

Tgt Ion: 76 Resp: 16534

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 21.959 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021656.D

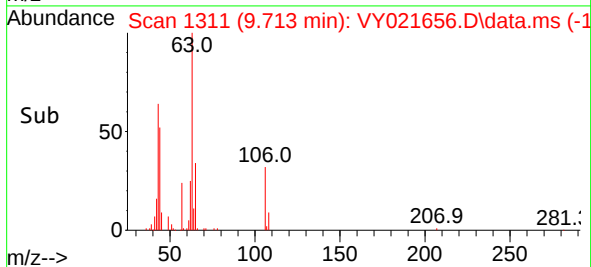
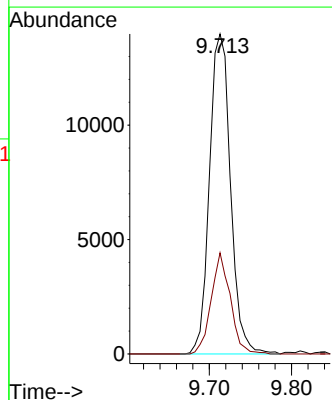
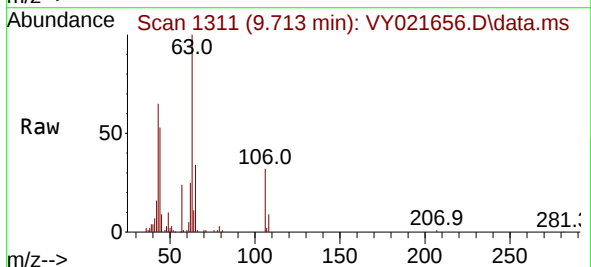
Acq: 27 Mar 2025 10:08

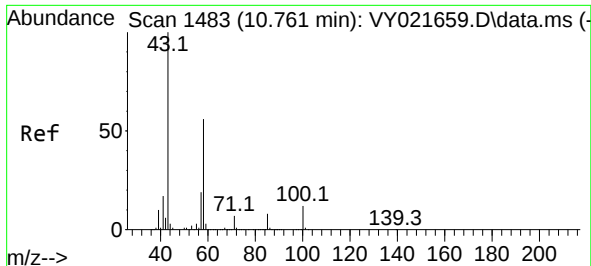
Tgt Ion: 63 Resp: 24903

Ion Ratio Lower Upper

63 100

106 28.8 22.4 33.6

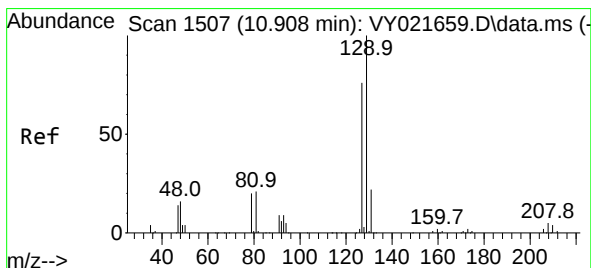
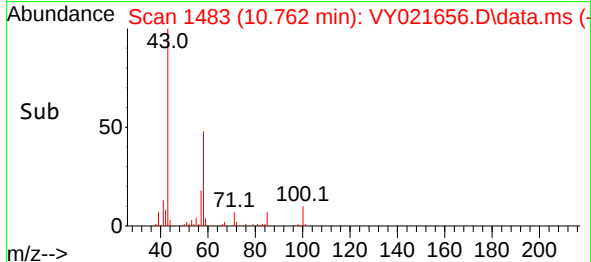
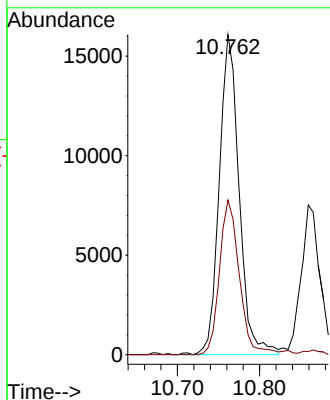
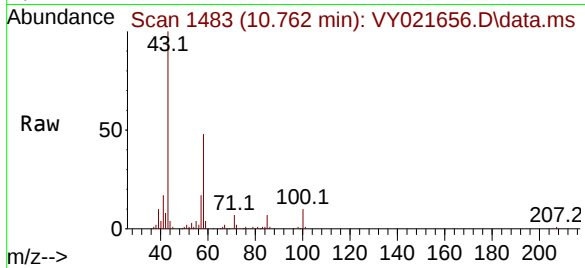




#59
2-Hexanone
Concen: 25.145 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

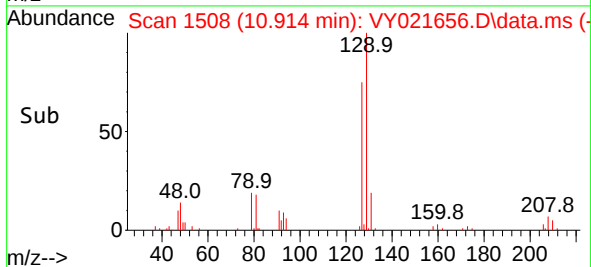
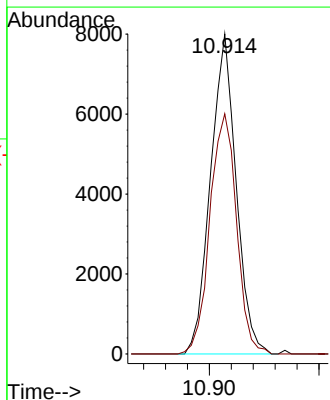
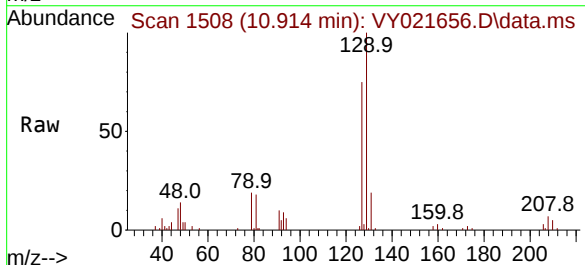
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

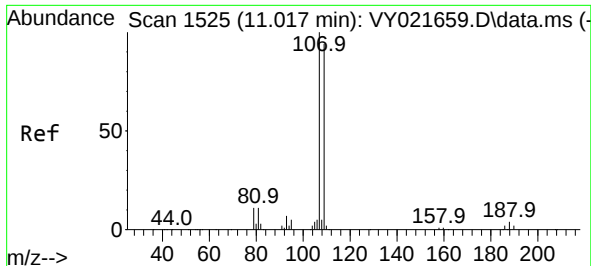
Tgt Ion: 43 Resp: 26991
Ion Ratio Lower Upper
43 100
58 48.9 27.2 81.5



#60
Dibromochloromethane
Concen: 5.231 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 129 Resp: 13002
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

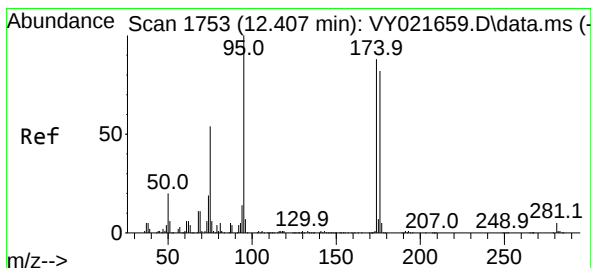
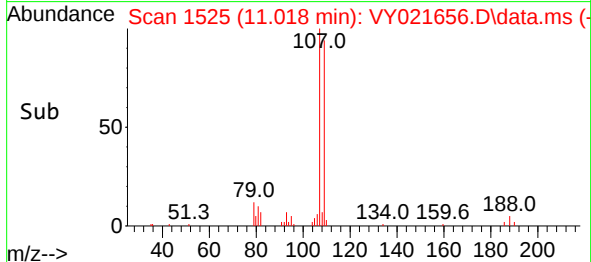
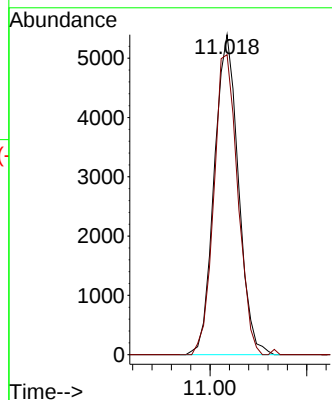
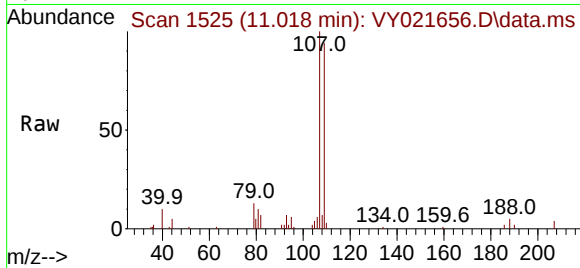




#61
1,2-Dibromoethane
Concen: 5.472 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

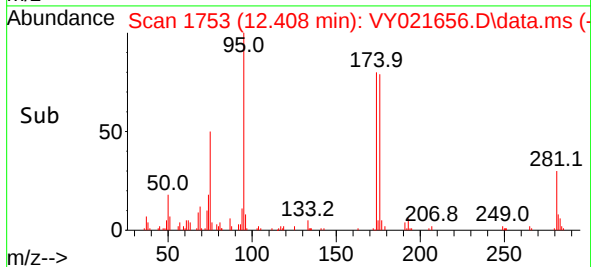
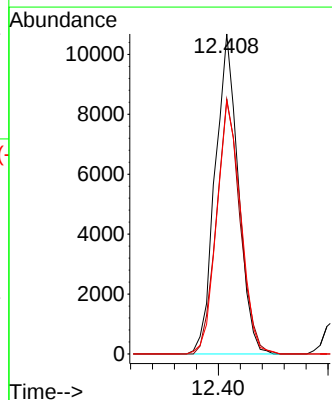
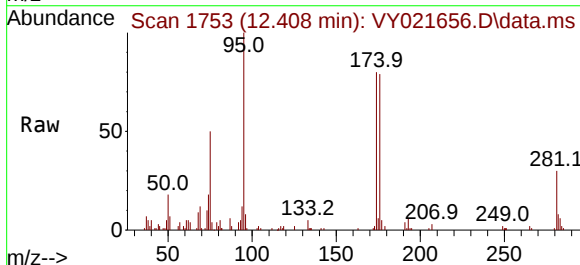
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

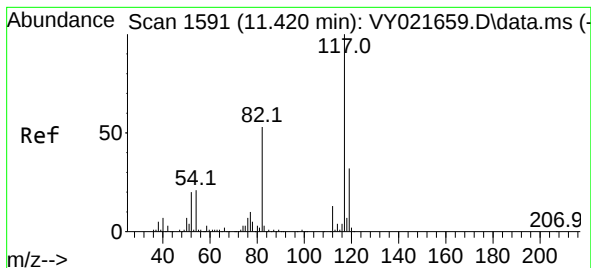
Tgt Ion:107 Resp: 9345
Ion Ratio Lower Upper
107 100
109 92.9 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 5.352 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 95 Resp: 15657
Ion Ratio Lower Upper
95 100
174 81.4 0.0 170.8
176 81.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

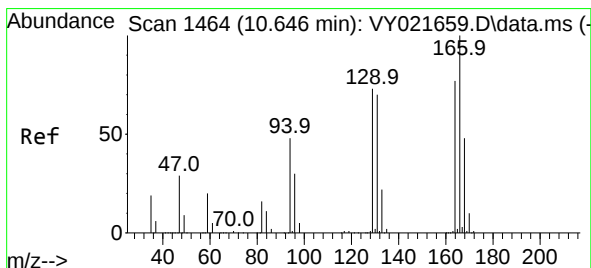
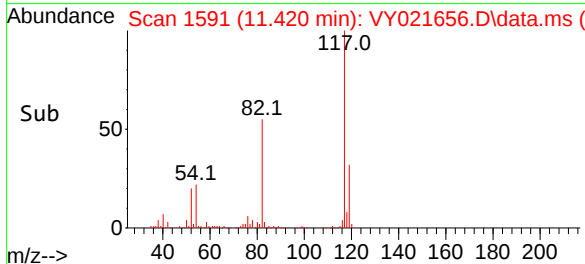
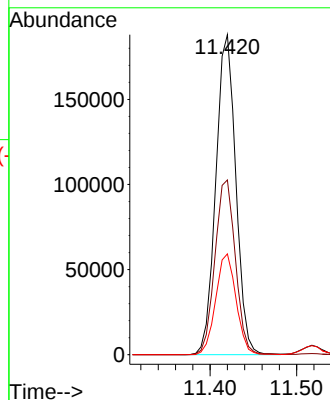
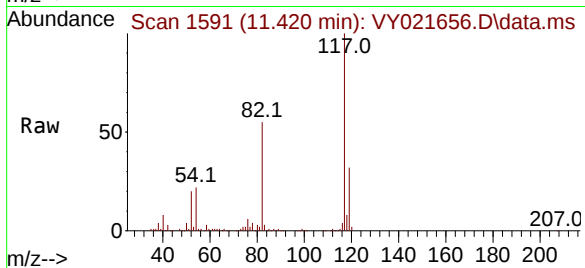
Tgt Ion:117 Resp: 301382

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 5.860 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:164 Resp: 16085

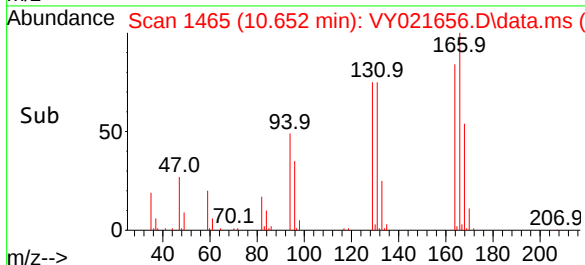
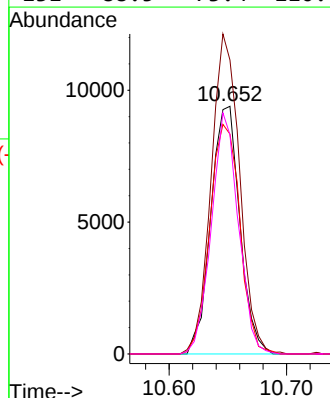
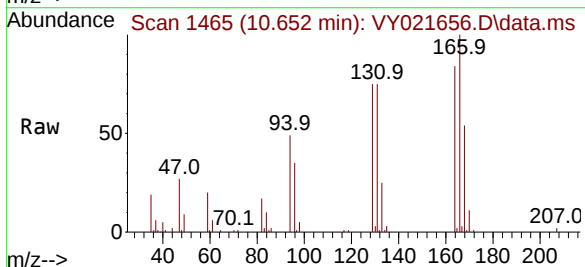
Ion Ratio Lower Upper

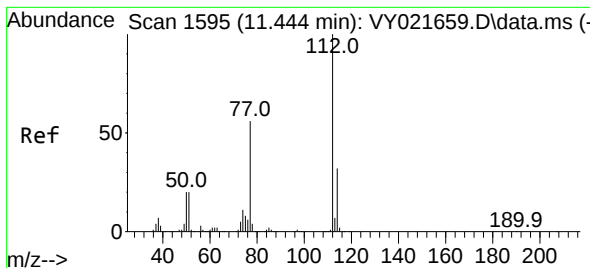
164 100

166 118.7 104.6 156.8

129 88.8 76.6 114.8

131 88.5 73.4 110.0

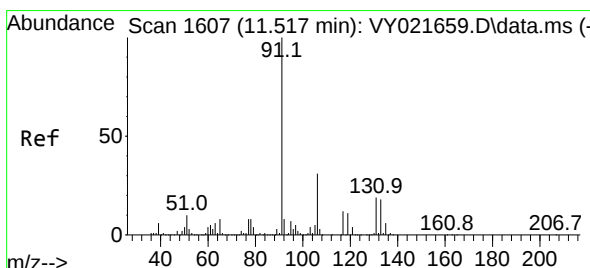
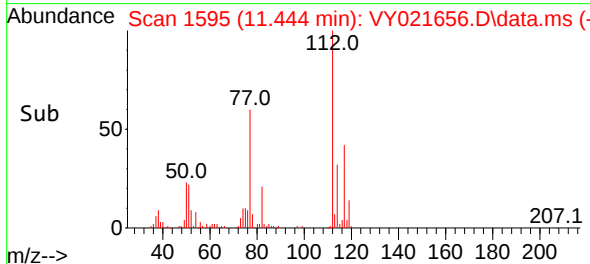
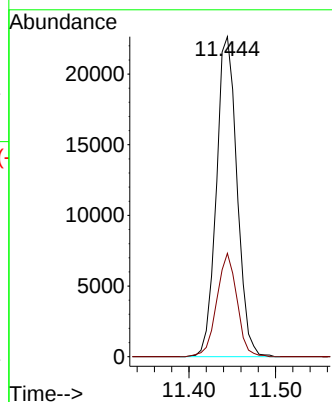
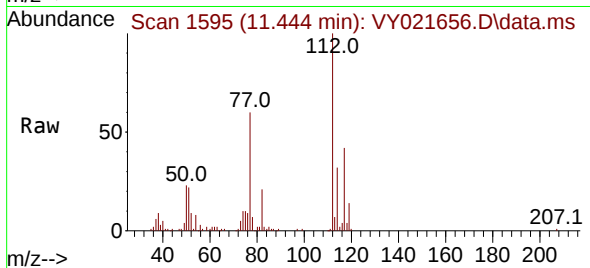




#65
Chlorobenzene
Concen: 5.429 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

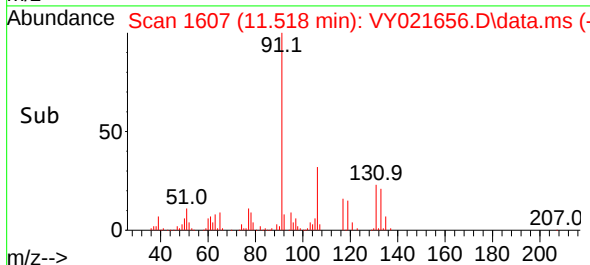
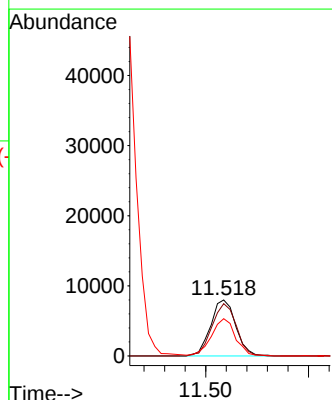
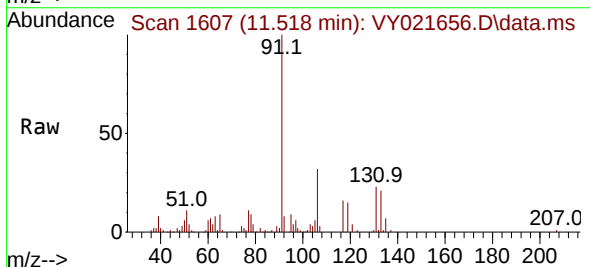
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

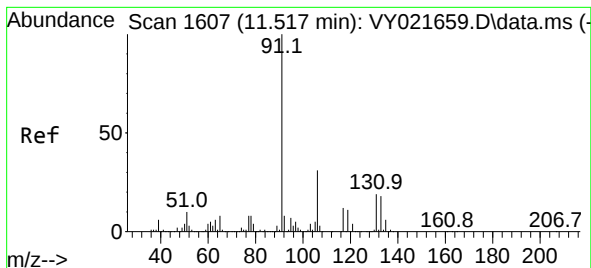
Tgt Ion:112 Resp: 37505
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.506 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:131 Resp: 13496
Ion Ratio Lower Upper
131 100
133 91.0 47.3 141.8
119 64.0 31.6 95.0





#67

Ethyl Benzene

Concen: 4.959 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

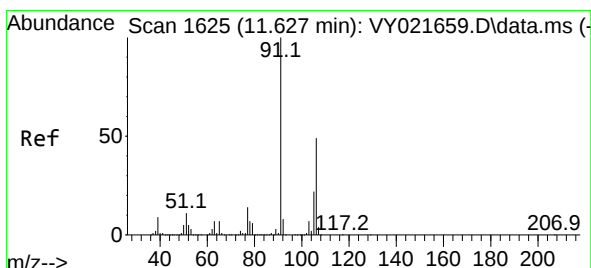
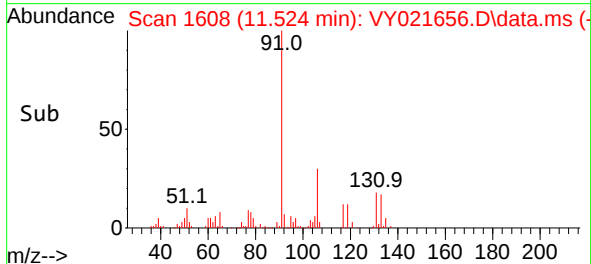
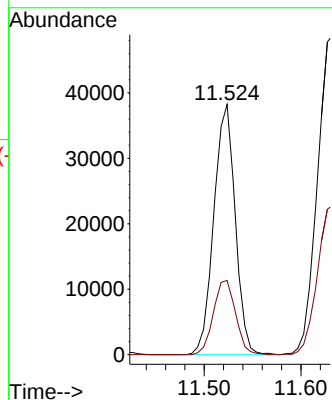
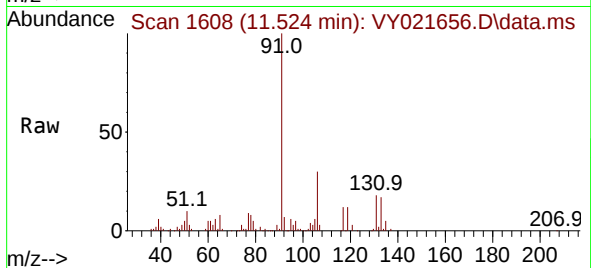
VSTDIC005

Tgt Ion: 91 Resp: 58750

Ion Ratio Lower Upper

91 100

106 29.7 24.6 36.8



#68

m/p-Xylenes

Concen: 9.652 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021656.D

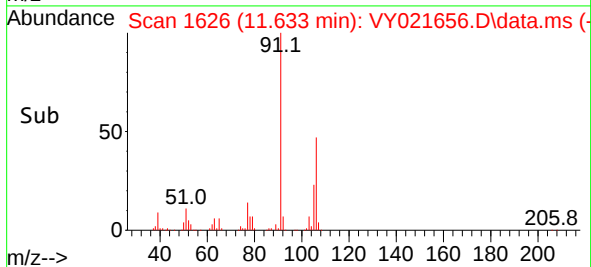
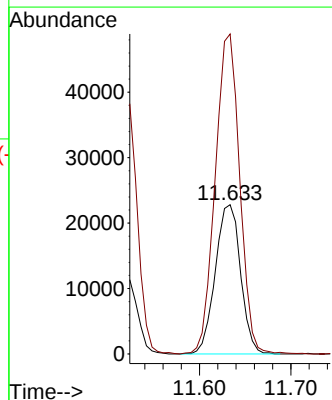
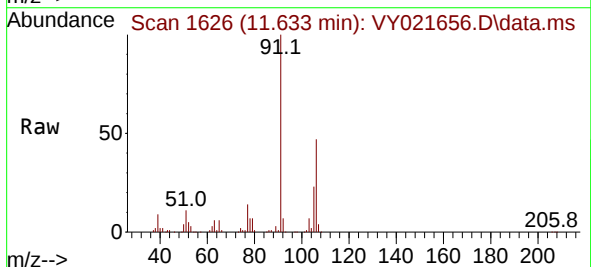
Acq: 27 Mar 2025 10:08

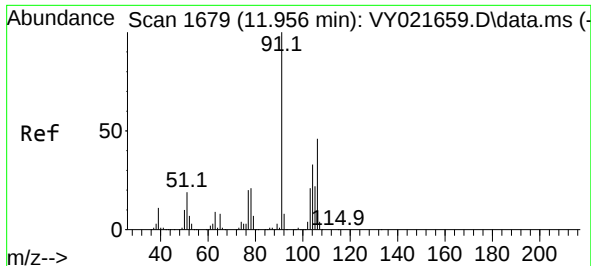
Tgt Ion: 106 Resp: 43785

Ion Ratio Lower Upper

106 100

91 208.3 162.4 243.6

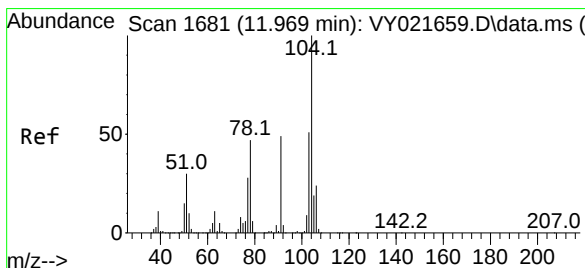
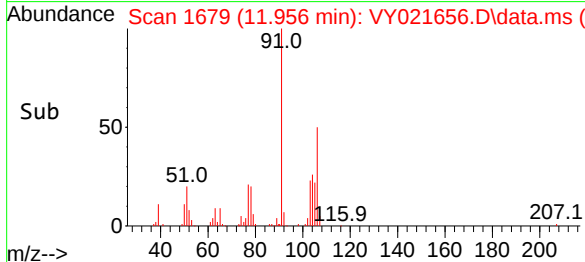
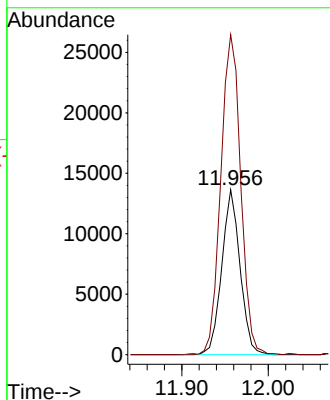
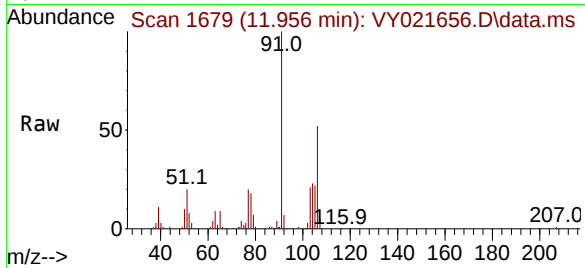




#69
o-Xylene
Concen: 4.786 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

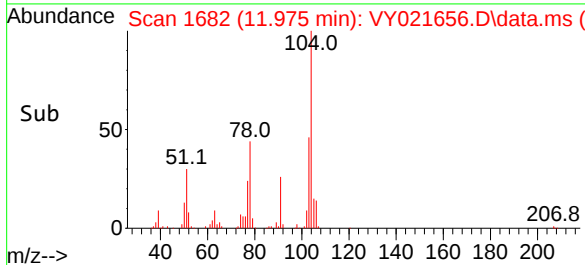
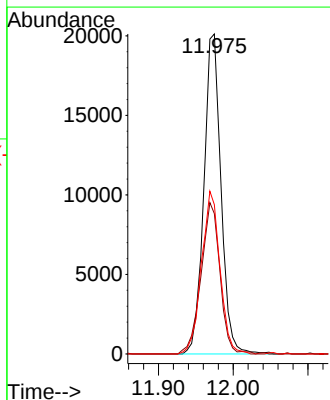
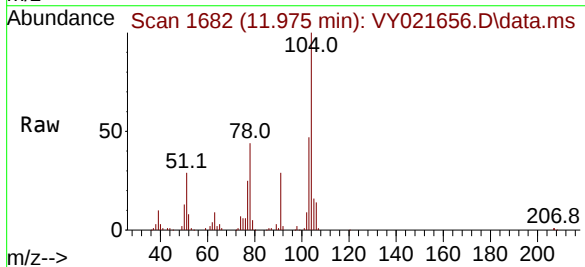
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

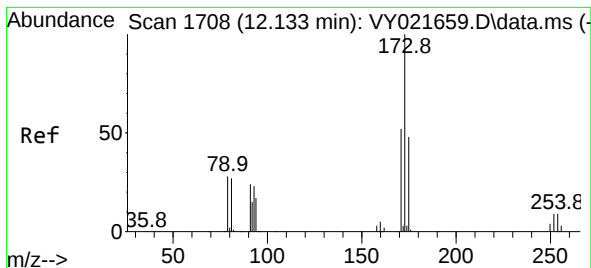
Tgt Ion:106 Resp: 20041
Ion Ratio Lower Upper
106 100
91 210.7 106.7 319.9



#70
Styrene
Concen: 4.594 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:104 Resp: 32075
Ion Ratio Lower Upper
104 100
78 52.0 40.8 61.2
103 54.8 44.2 66.2





#71

Bromoform

Concen: 5.187 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

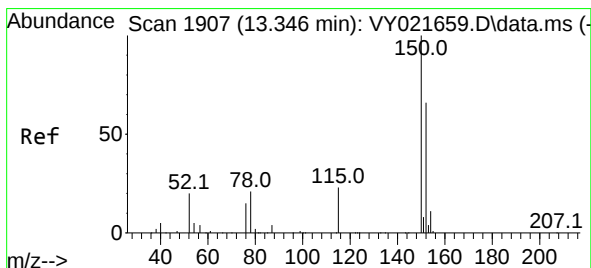
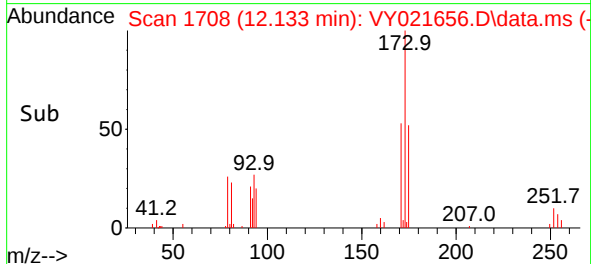
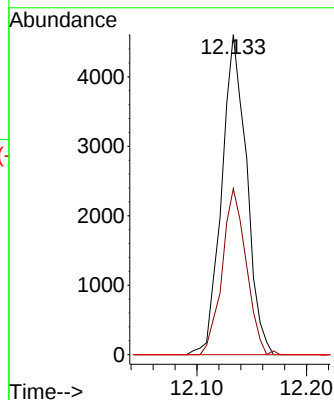
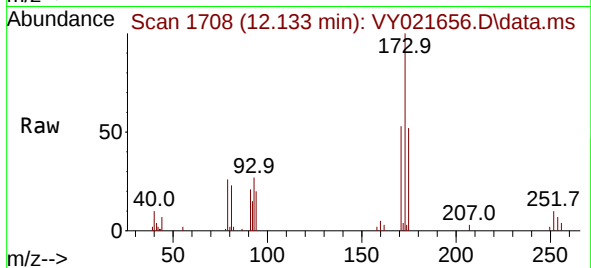
Tgt Ion:173 Resp: 7253

Ion Ratio Lower Upper

173 100

175 50.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

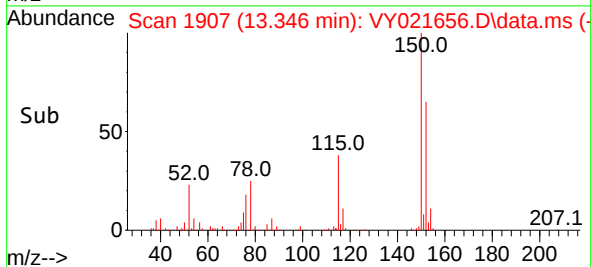
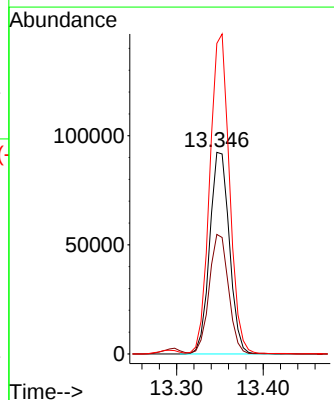
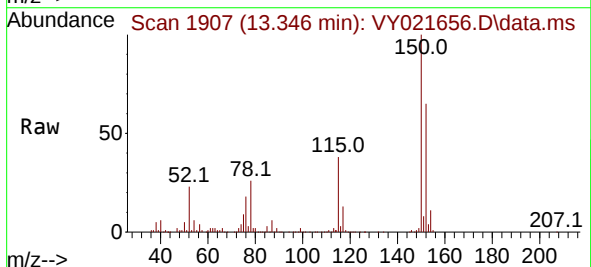
Tgt Ion:152 Resp: 145682

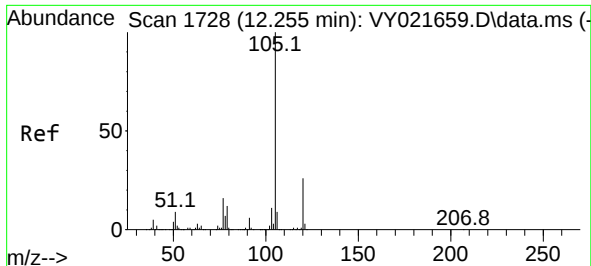
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 158.9 0.0 348.4

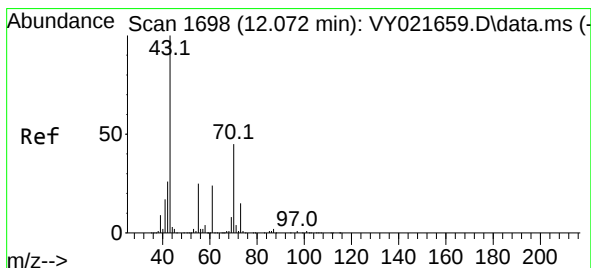
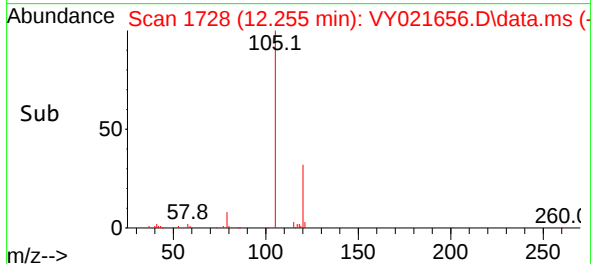
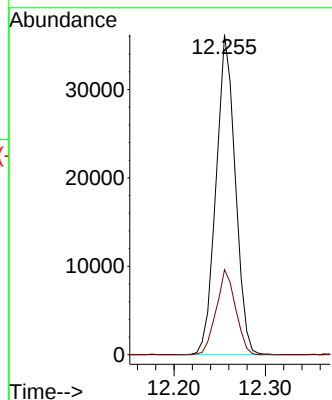
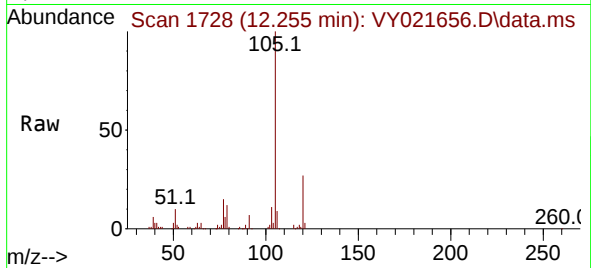




#73
Isopropylbenzene
Concen: 4.885 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

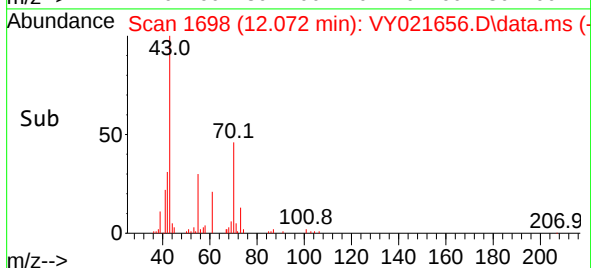
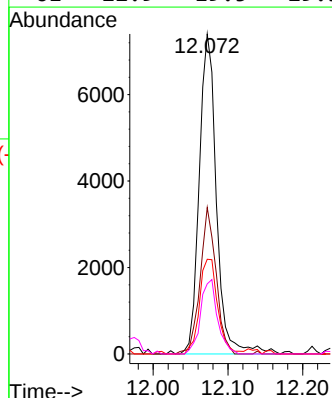
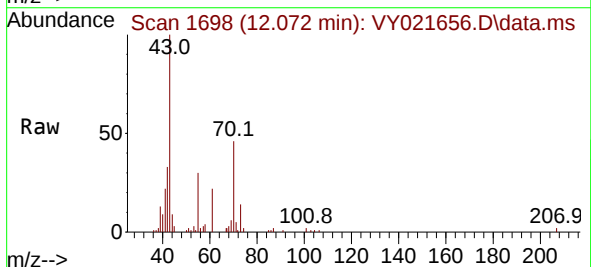
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

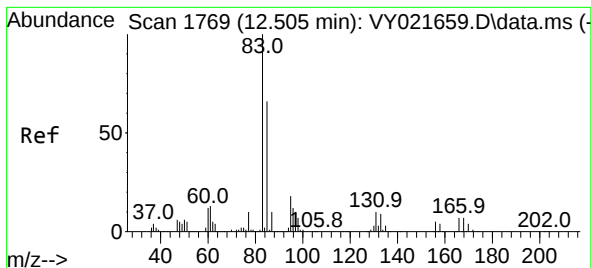
Tgt Ion:105 Resp: 52860
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 4.660 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 43 Resp: 11835
Ion Ratio Lower Upper
43 100
70 42.3 34.7 52.1
55 31.4 21.2 31.8
61 22.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.723 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

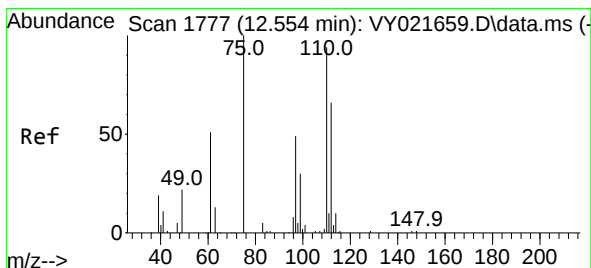
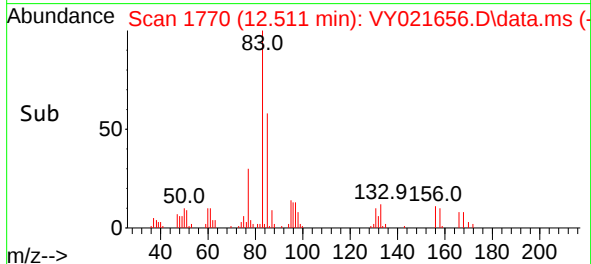
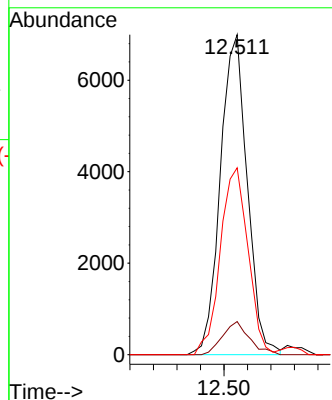
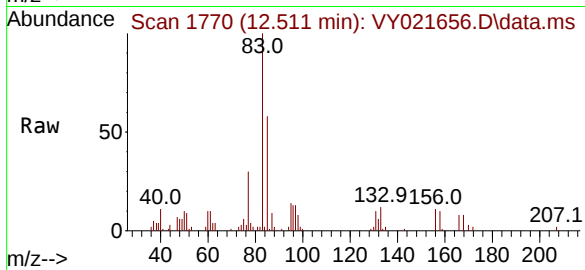
Tgt Ion: 83 Resp: 11133

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 60.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 9.675 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021656.D

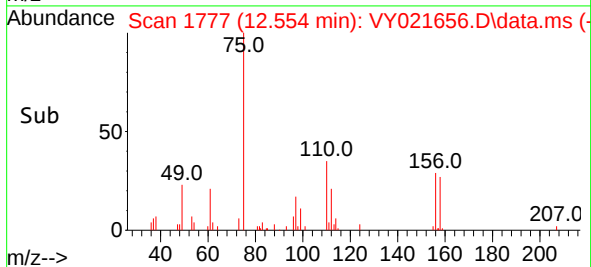
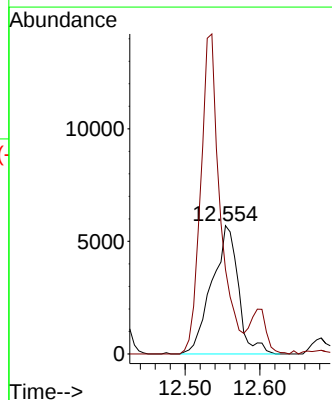
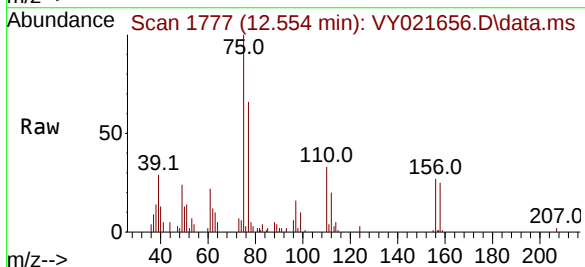
Acq: 27 Mar 2025 10:08

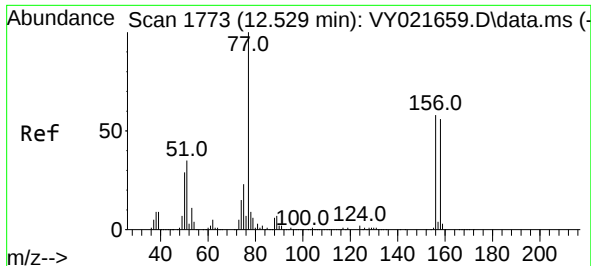
Tgt Ion: 75 Resp: 13972

Ion Ratio Lower Upper

75 100

77 185.5 0.0 0.0#

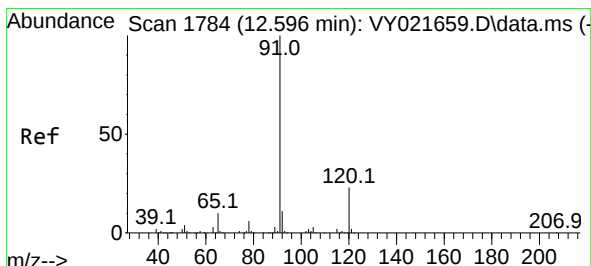
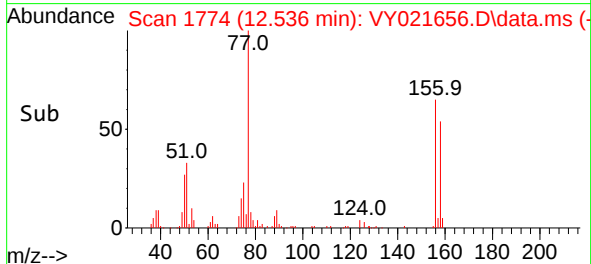
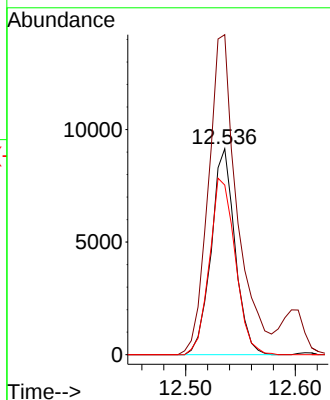
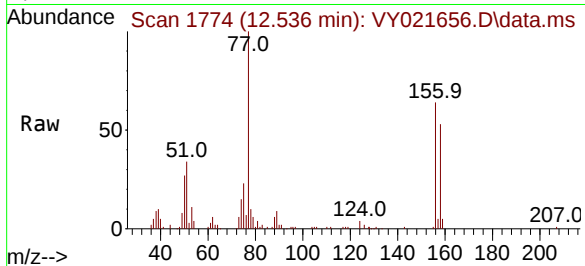




#77
Bromobenzene
Concen: 5.305 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

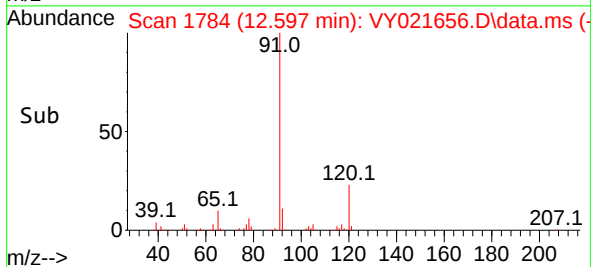
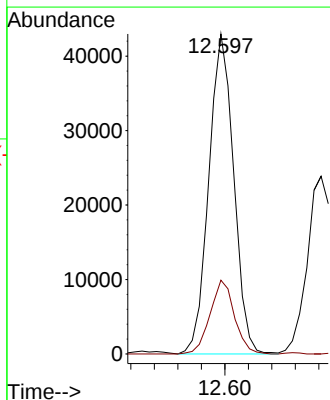
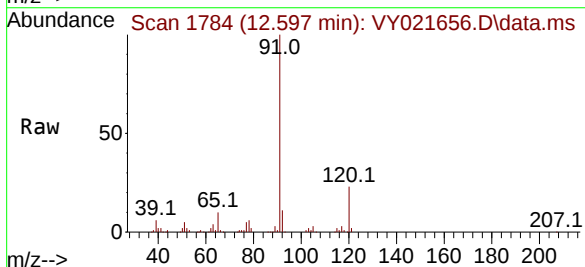
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

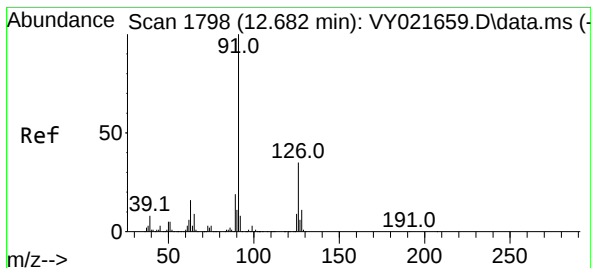
Tgt Ion:156 Resp: 13783
Ion Ratio Lower Upper
156 100
77 188.0 92.8 278.3
158 93.2 48.5 145.6



#78
n-propylbenzene
Concen: 4.868 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 91 Resp: 63324
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

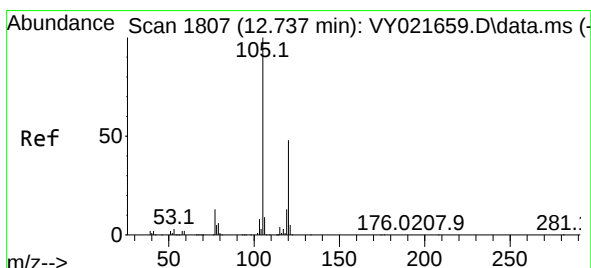
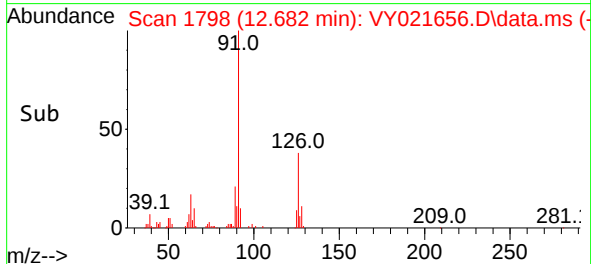
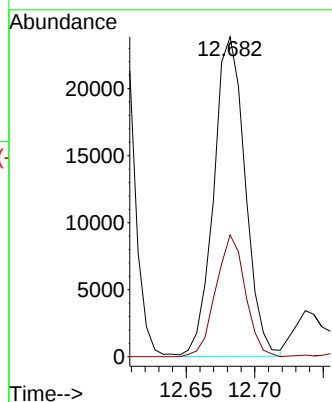
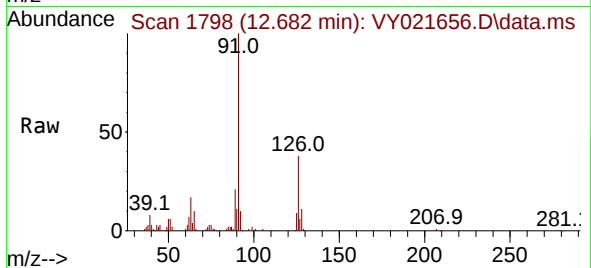




#79
2-Chlorotoluene
Concen: 5.044 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

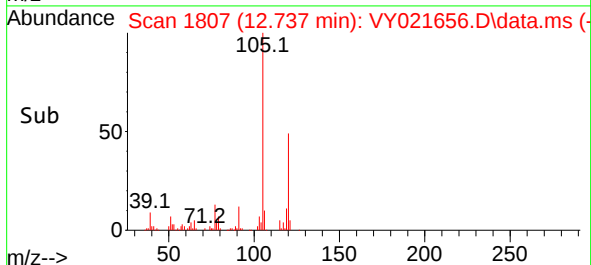
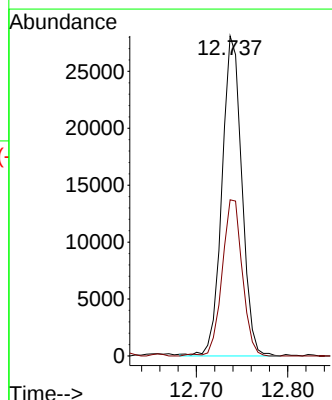
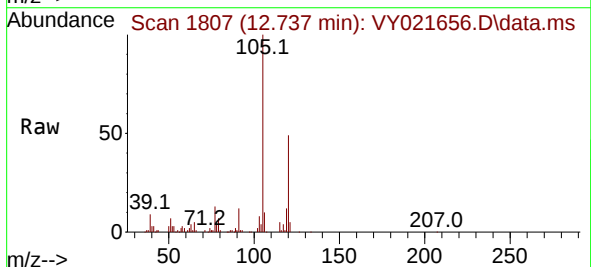
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

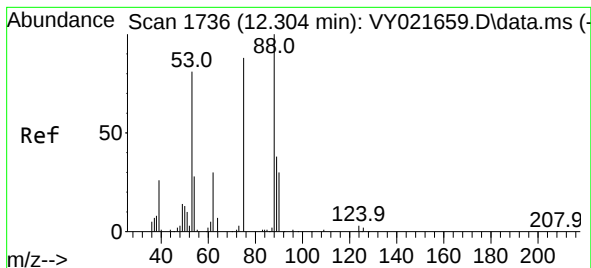
Tgt Ion: 91 Resp: 38107
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 4.806 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 105 Resp: 42499
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5

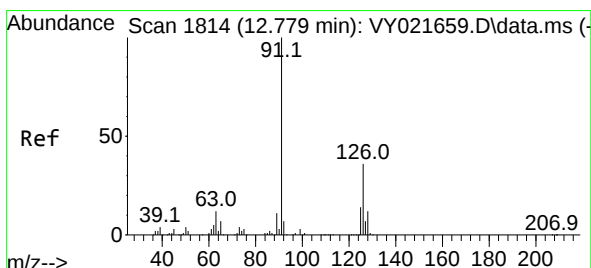
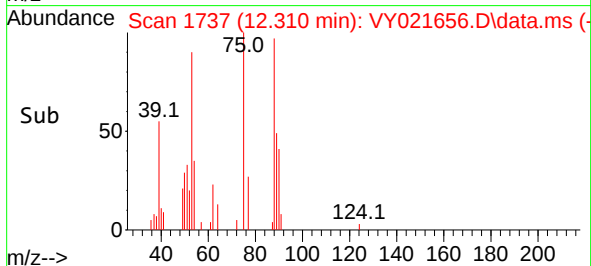
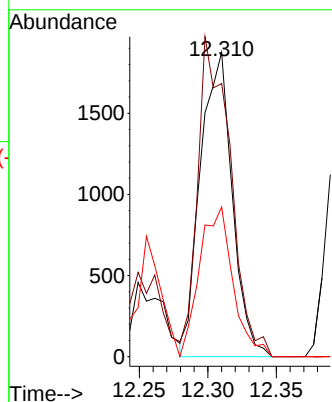
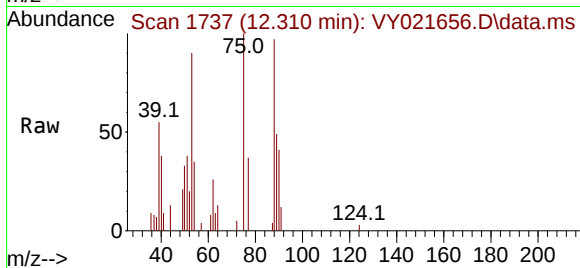




#81
trans-1,4-Dichloro-2-butene
Concen: 4.823 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

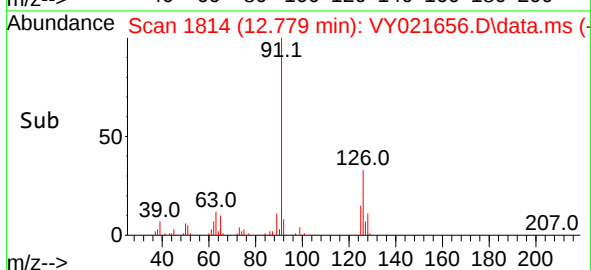
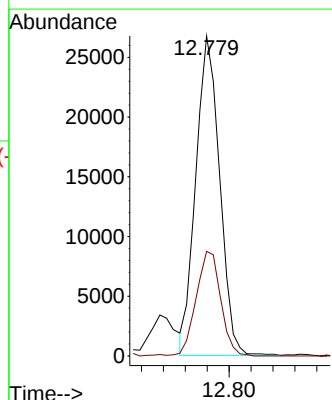
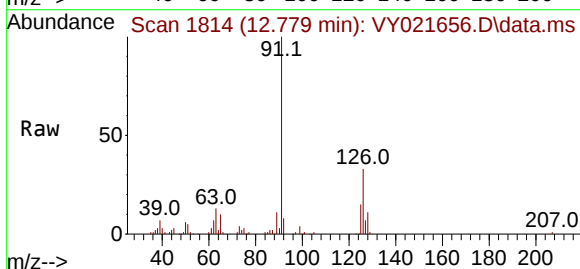
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

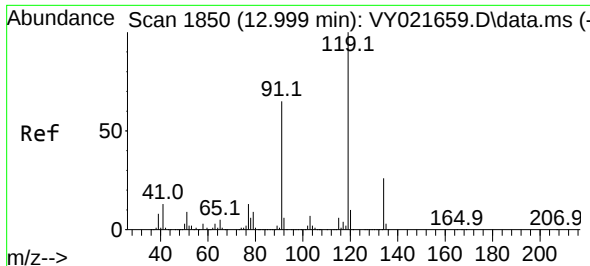
Tgt Ion: 75 Resp: 3023
Ion Ratio Lower Upper
75 100
53 107.4 76.1 114.1
89 51.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 5.119 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 91 Resp: 40326
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

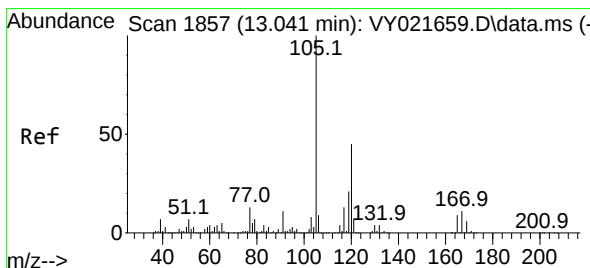
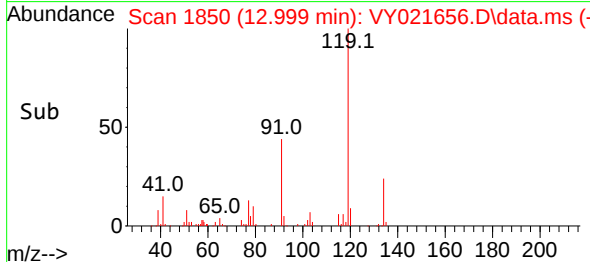
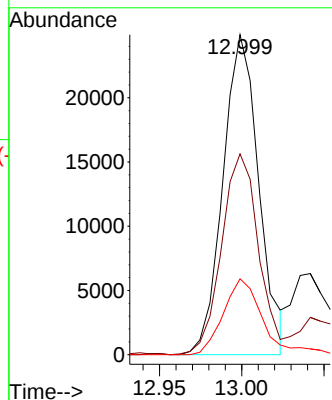
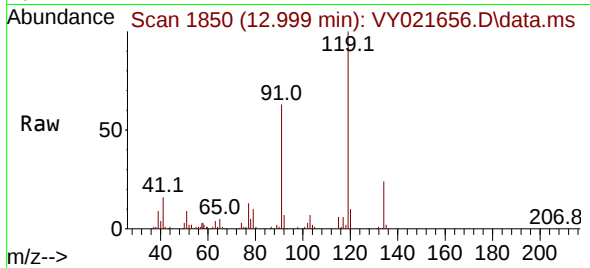




#83
tert-Butylbenzene
Concen: 4.801 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

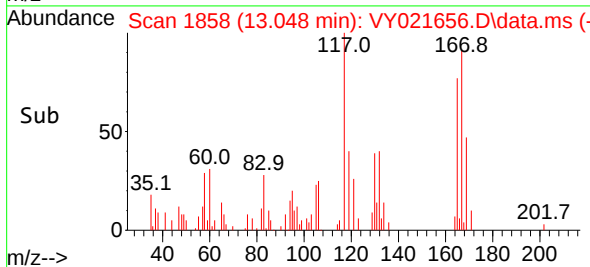
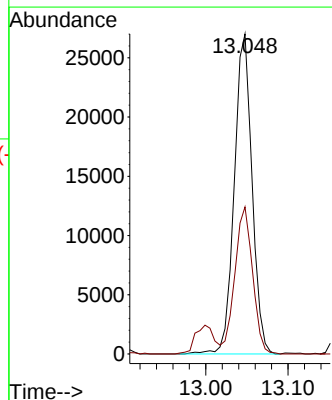
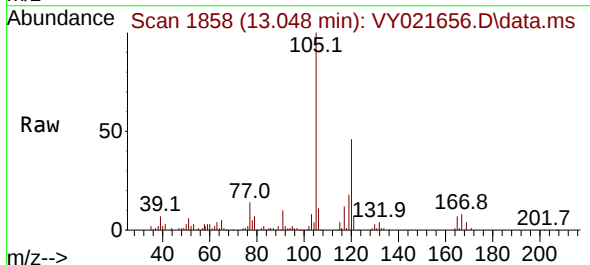
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

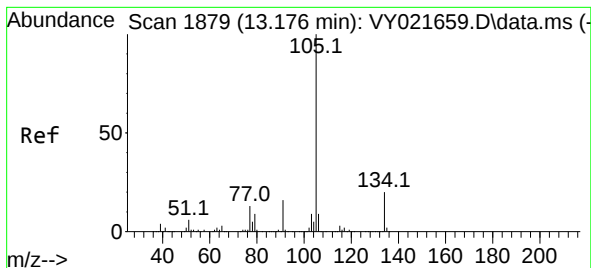
Tgt Ion:119 Resp: 37817
Ion Ratio Lower Upper
119 100
91 65.7 32.6 97.7
134 26.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 4.639 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:105 Resp: 40547
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 4.858 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

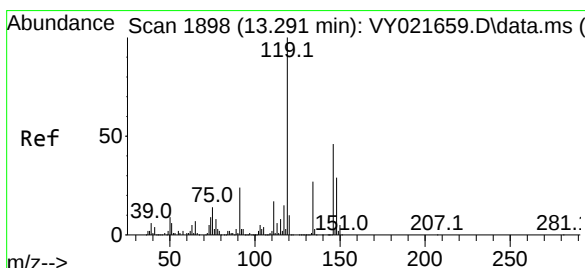
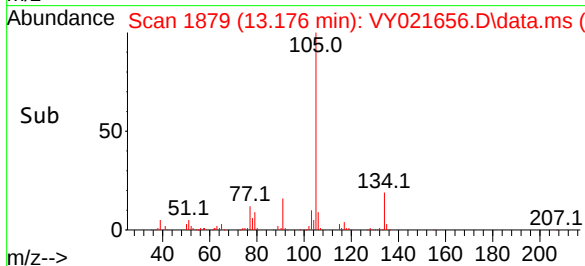
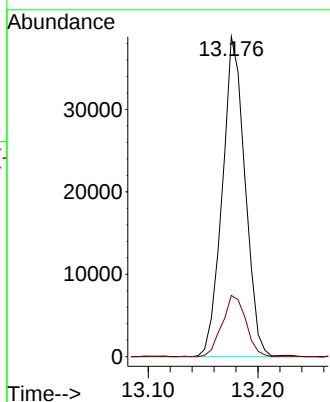
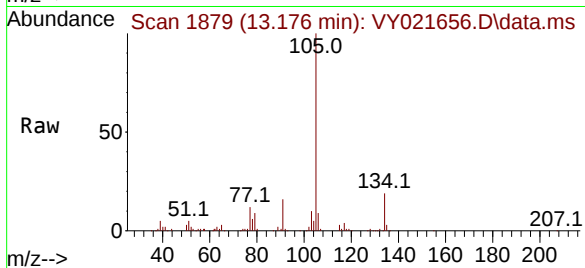
VSTDIC005

Tgt Ion:105 Resp: 55918

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 4.595 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

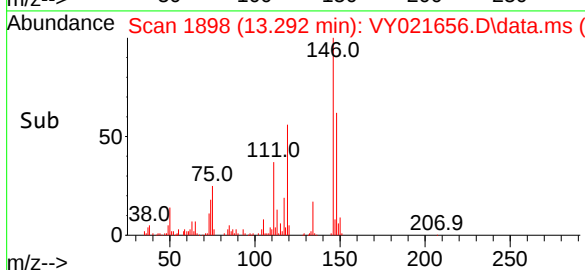
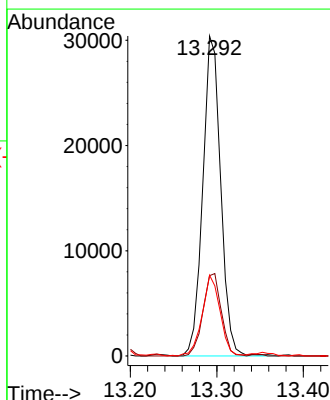
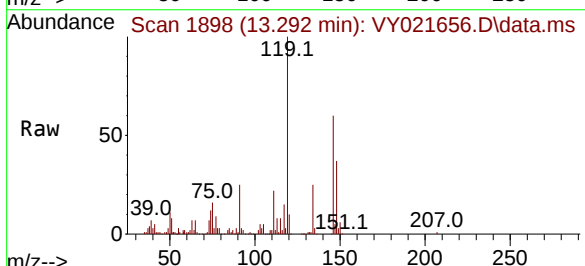
Tgt Ion:119 Resp: 43714

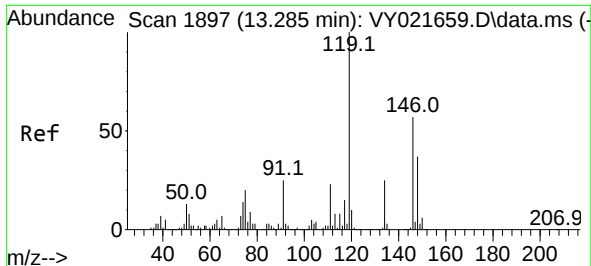
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 25.2 12.0 36.0

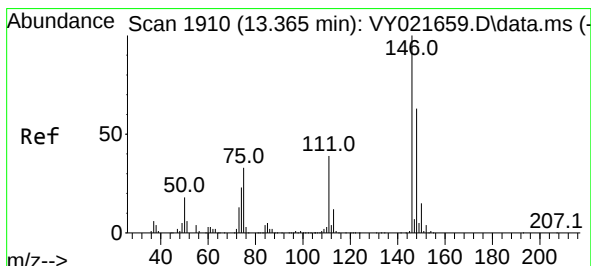
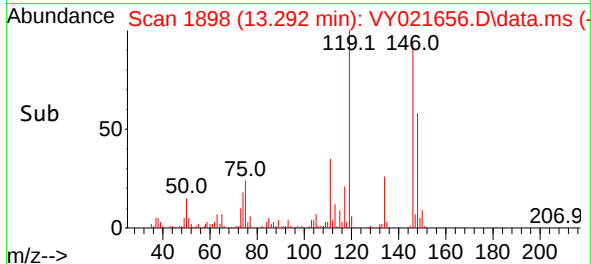
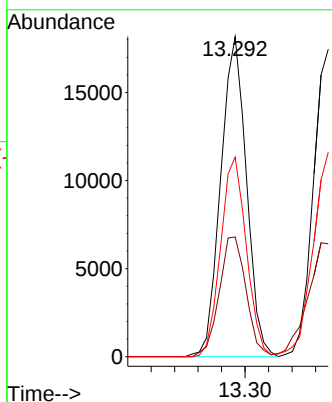
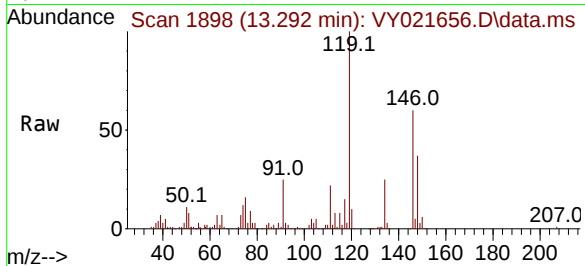




#87
 1,3-Dichlorobenzene
 Concen: 5.393 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

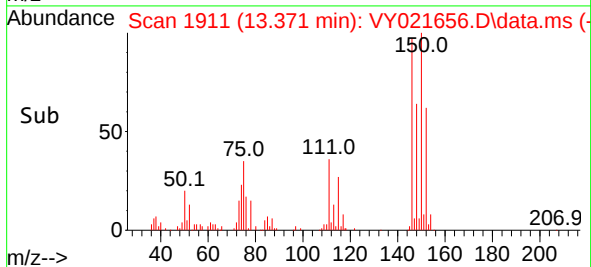
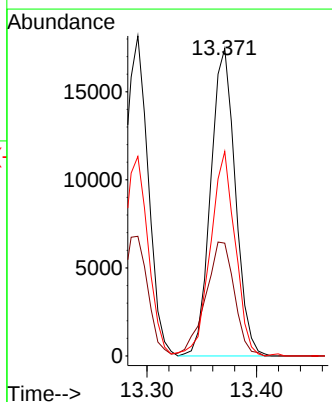
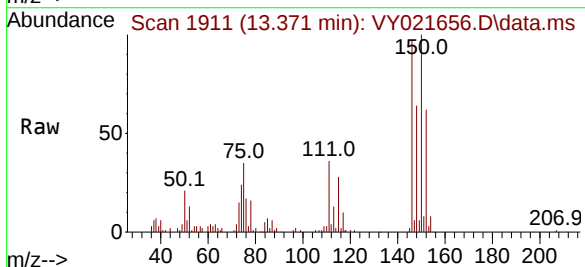
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 27604
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 60.0
 148 62.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 5.405 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

Tgt Ion:146 Resp: 27332
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.1 57.1
 148 66.9 31.5 94.5





#89

n-Butylbenzene

Concen: 4.785 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

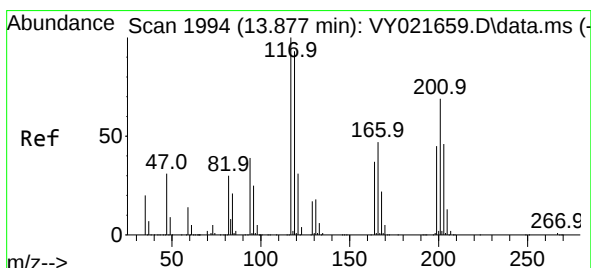
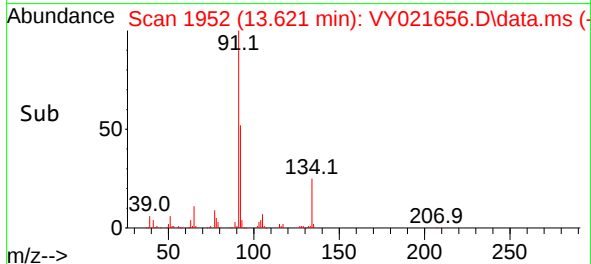
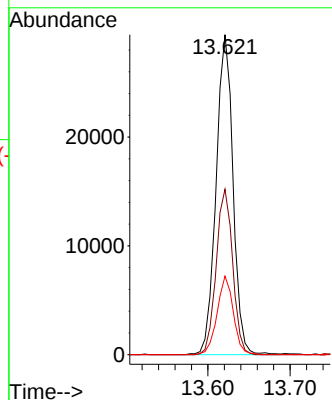
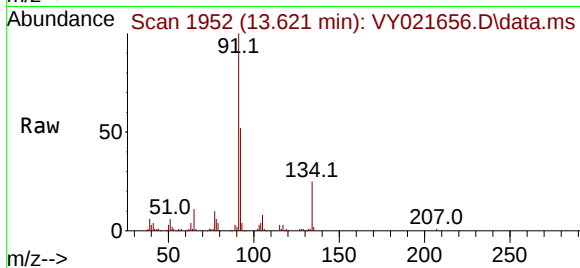
Tgt Ion: 91 Resp: 42102

Ion Ratio Lower Upper

91 100

92 50.2 26.4 79.2

134 23.5 12.8 38.4



#90

Hexachloroethane

Concen: 5.573 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021656.D

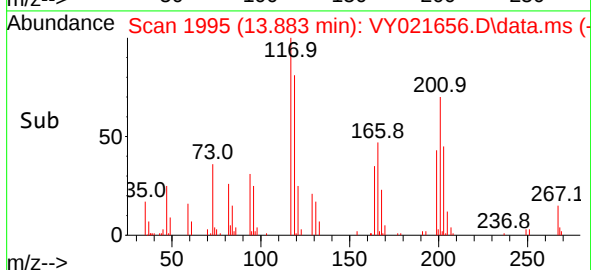
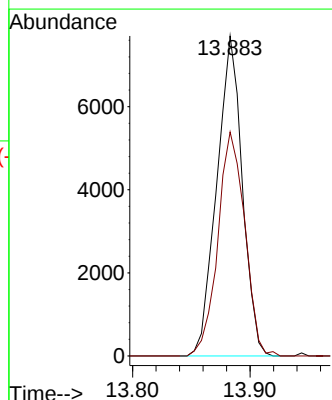
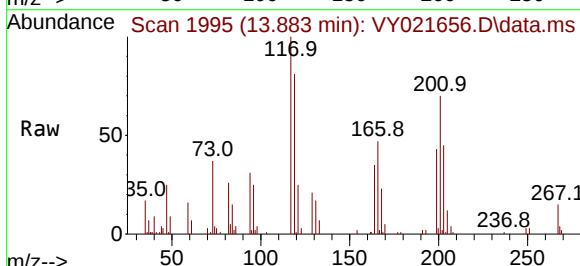
Acq: 27 Mar 2025 10:08

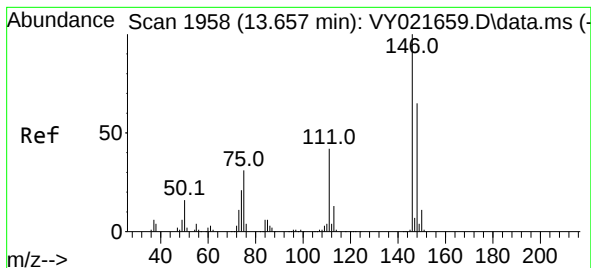
Tgt Ion: 117 Resp: 11619

Ion Ratio Lower Upper

117 100

201 73.9 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 5.224 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

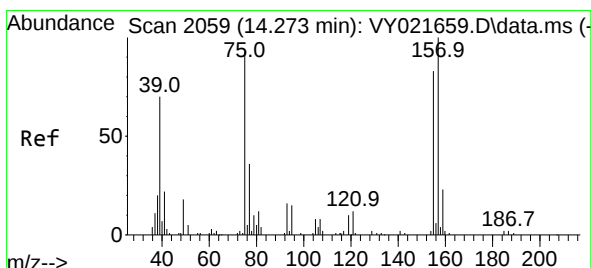
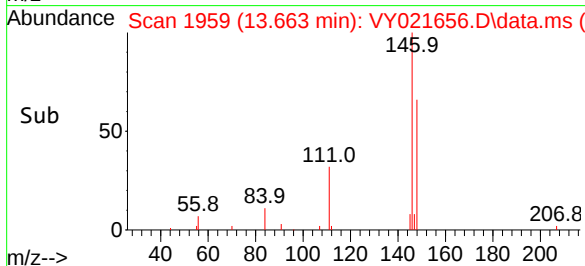
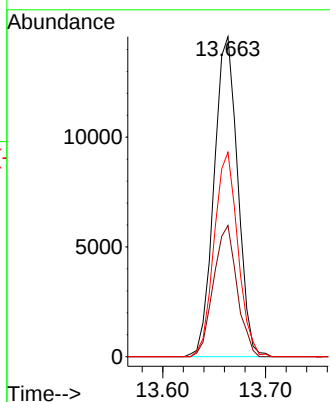
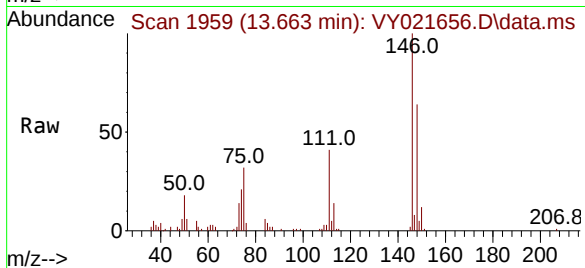
Tgt Ion:146 Resp: 23277

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.419 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

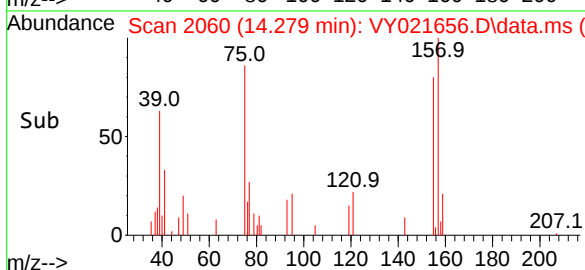
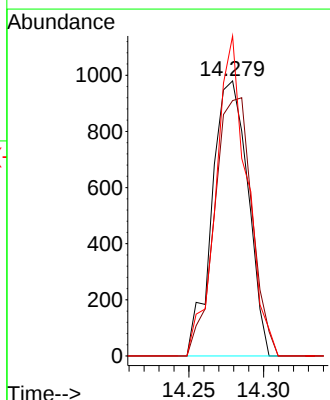
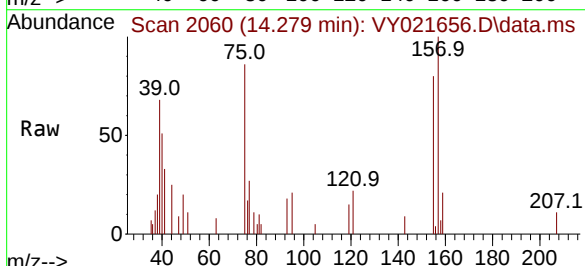
Tgt Ion: 75 Resp: 1634

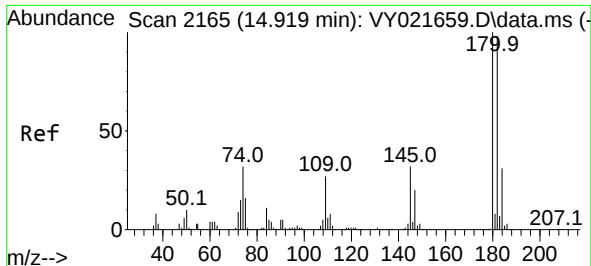
Ion Ratio Lower Upper

75 100

155 97.6 43.0 128.8

157 100.8 54.0 162.0

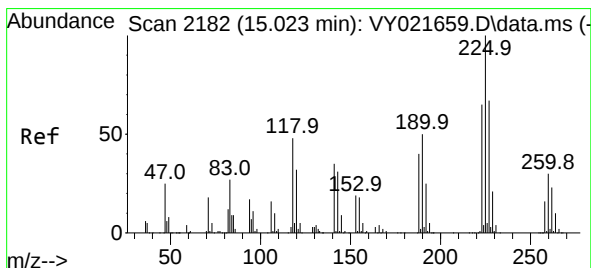
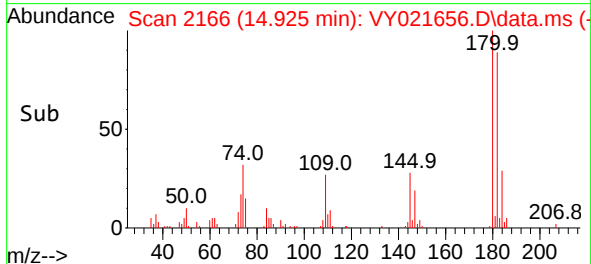
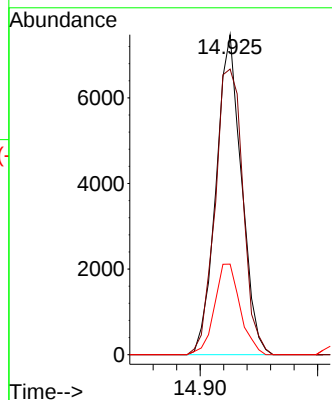
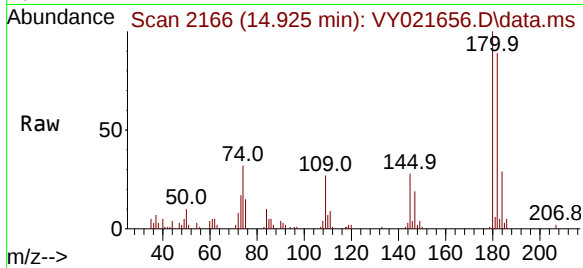




#93
1,2,4-Trichlorobenzene
Concen: 4.647 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

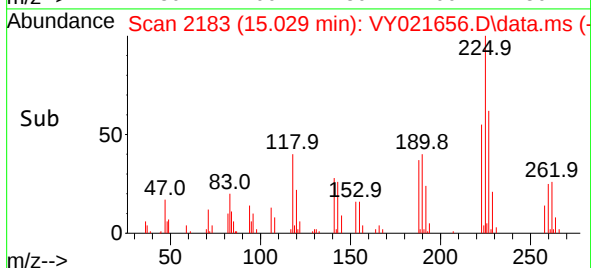
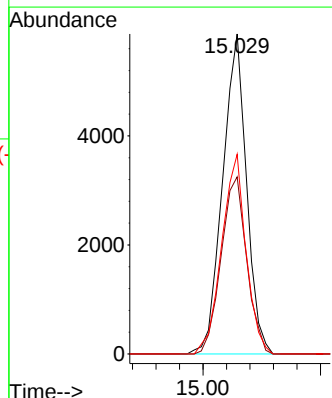
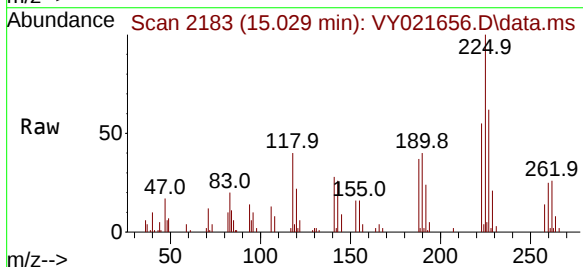
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

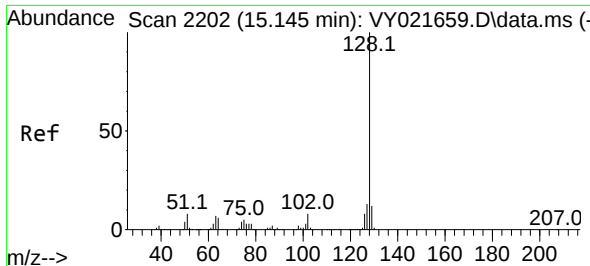
Tgt Ion:180 Resp: 11228
Ion Ratio Lower Upper
180 100
182 98.1 47.5 142.6
145 28.5 14.9 44.9



#94
Hexachlorobutadiene
Concen: 5.484 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:225 Resp: 8276
Ion Ratio Lower Upper
225 100
223 59.2 31.9 95.7
227 63.5 32.4 97.0

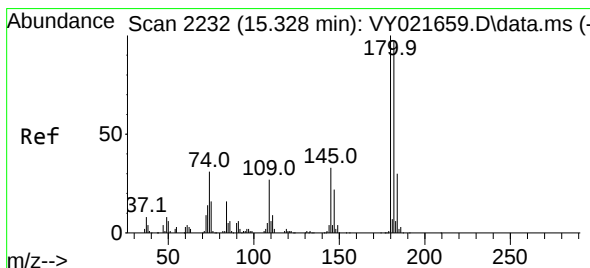
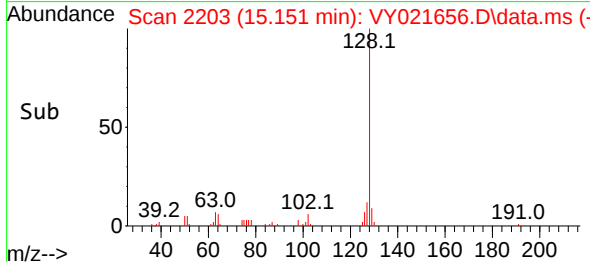
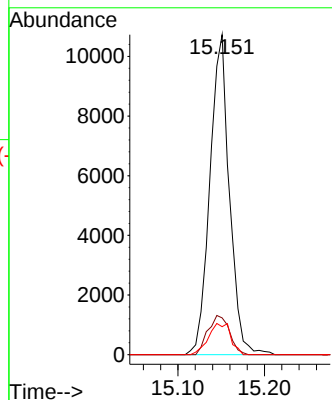
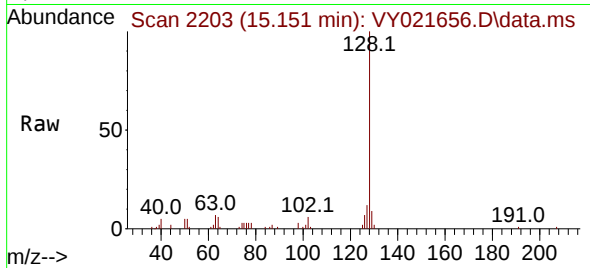




#95
Naphthalene
Concen: 4.194 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 16796
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.619 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:180 Resp: 9518
Ion Ratio Lower Upper
180 100
182 99.4 47.5 142.5
145 32.5 15.9 47.7

