

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022235.D
 Acq On : 13 May 2025 11:41
 Operator : SY/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Quant Time: May 14 04:33:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	205768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	318674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	154852	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104601	55.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.060%	
35) Dibromofluoromethane	7.634	113	116697	55.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.103	98	430753	54.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.540%	
62) 4-Bromofluorobenzene	12.408	95	146430	54.803	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	33111	18.885	ug/l	95
3) Chloromethane	2.062	50	59733	23.926	ug/l	95
4) Vinyl Chloride	2.196	62	71426	23.281	ug/l	96
5) Bromomethane	2.592	94	74211	28.077	ug/l	96
6) Chloroethane	2.727	64	51844	24.813	ug/l	99
7) Trichlorofluoromethane	3.050	101	94370	23.327	ug/l	95
8) Diethyl Ether	3.452	74	23641	22.452	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	47236	21.524	ug/l	99
10) Methyl Iodide	4.001	142	50720	19.962	ug/l	97
11) Tert butyl alcohol	4.897	59	12386	118.704	ug/l	98
12) 1,1-Dichloroethene	3.787	96	42408	20.732	ug/l	94
13) Acrolein	3.647	56	7204	38.467	ug/l	94
14) Allyl chloride	4.379	41	50612	21.249	ug/l	99
15) Acrylonitrile	5.055	53	45168	117.173	ug/l	96
16) Acetone	3.879	43	30353	110.051	ug/l	97
17) Carbon Disulfide	4.098	76	131391	20.145	ug/l	99
18) Methyl Acetate	4.385	43	26168	29.474	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	98499	21.514	ug/l	95
20) Methylene Chloride	4.604	84	52411	21.808	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	47788	20.860	ug/l	96
22) Diisopropyl ether	6.019	45	122027	23.022	ug/l	97
23) Vinyl Acetate	5.958	43	314953	110.254	ug/l	97
24) 1,1-Dichloroethane	5.909	63	82538	22.465	ug/l	98
25) 2-Butanone	6.896	43	48820	112.685	ug/l	98
26) 2,2-Dichloropropane	6.884	77	70135	21.780	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	54188	21.154	ug/l	96
28) Bromochloromethane	7.244	49	32645	22.875	ug/l	98
29) Tetrahydrofuran	7.262	42	33042	117.427	ug/l	96
30) Chloroform	7.421	83	90657	22.245	ug/l	96
31) Cyclohexane	7.695	56	65020	20.695	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	81708	22.161	ug/l	100
36) 1,1-Dichloropropene	7.835	75	61873	21.879	ug/l	99
37) Ethyl Acetate	6.982	43	22503	22.155	ug/l	99
38) Carbon Tetrachloride	7.817	117	74117	21.933	ug/l	96
39) Methylcyclohexane	9.110	83	71025	19.957	ug/l	93
40) Benzene	8.073	78	195390	22.102	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	11466	20.651	ug/l #	83
42) 1,2-Dichloroethane	8.152	62	50646	23.139	ug/l	99
43) Isopropyl Acetate	8.195	43	45515	23.334	ug/l	97
44) Trichloroethene	8.860	130	53008	21.648	ug/l	92
45) 1,2-Dichloropropane	9.134	63	44972	23.004	ug/l	98
46) Dibromomethane	9.231	93	27033	22.089	ug/l	98
47) Bromodichloromethane	9.420	83	69720	22.805	ug/l	100
48) Methyl methacrylate	9.219	41	20317	22.532	ug/l	97
49) 1,4-Dioxane	9.244	88	6044	463.364	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	124925	122.176	ug/l	97
52) Toluene	10.170	92	125975	22.014	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	57615	21.971	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	68572	21.998	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	37727	23.079	ug/l	97
56) Ethyl methacrylate	10.439	69	40235	21.523	ug/l	98
57) 1,3-Dichloropropane	10.713	76	61017	23.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	99191	108.523	ug/l	100
59) 2-Hexanone	10.762	43	78455	116.329	ug/l	96
60) Dibromochloromethane	10.908	129	52453	23.176	ug/l	100
61) 1,2-Dibromoethane	11.012	107	35508	23.008	ug/l	99
64) Tetrachloroethene	10.646	164	57676	20.997	ug/l	98
65) Chlorobenzene	11.438	112	137979	21.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	50979	22.238	ug/l	99
67) Ethyl Benzene	11.518	91	223400	20.973	ug/l	97
68) m/p-Xylenes	11.627	106	182141	42.973	ug/l	98
69) o-Xylene	11.950	106	81490	20.860	ug/l	98
70) Styrene	11.969	104	142382	21.707	ug/l	99
71) Bromoform	12.133	173	30487	22.875	ug/l #	99
73) Isopropylbenzene	12.255	105	216371	20.914	ug/l	99
74) N-amyl acetate	12.072	43	39121	22.009	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41259	23.654	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	52914	39.893	ug/l #	100
77) Bromobenzene	12.530	156	57844	22.127	ug/l	98
78) n-propylbenzene	12.597	91	266261	21.611	ug/l	100
79) 2-Chlorotoluene	12.676	91	158236	22.084	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	185785	21.795	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12172	22.099	ug/l	97
82) 4-Chlorotoluene	12.774	91	166643	22.373	ug/l	100
83) tert-Butylbenzene	12.999	119	163686	21.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	188054	22.056	ug/l	99
85) sec-Butylbenzene	13.176	105	243116	21.732	ug/l	99
86) p-Isopropyltoluene	13.292	119	202352	21.301	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	115831	21.815	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	113700	21.622	ug/l	100
89) n-Butylbenzene	13.615	91	176888	20.833	ug/l	99
90) Hexachloroethane	13.877	117	44862	21.495	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	103270	22.300	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6383	23.001	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	54588	20.801	ug/l	99
94) Hexachlorobutadiene	15.023	225	35030	21.696	ug/l	98
95) Naphthalene	15.145	128	87247	20.014	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	48038	21.206	ug/l	99

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QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

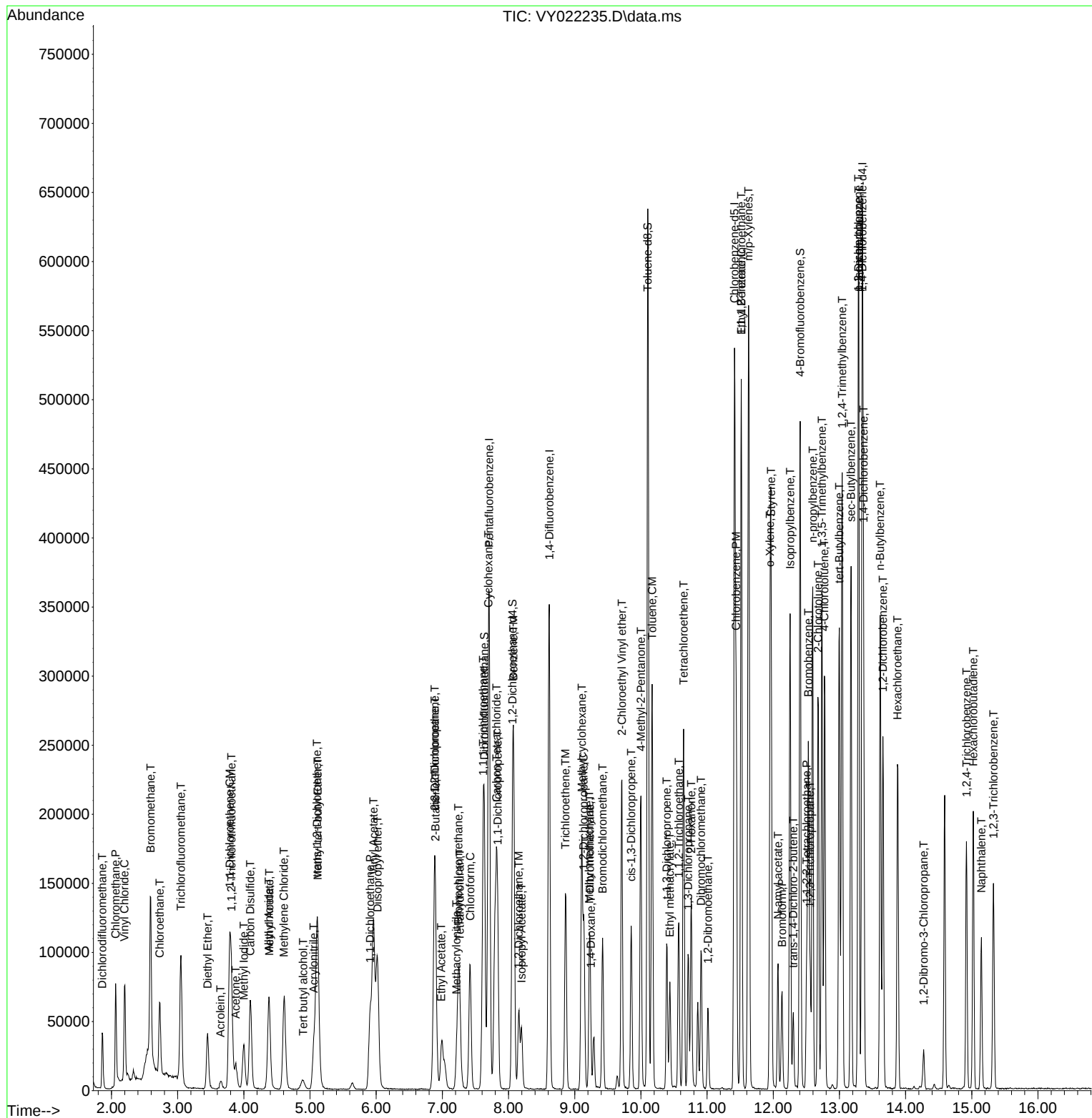
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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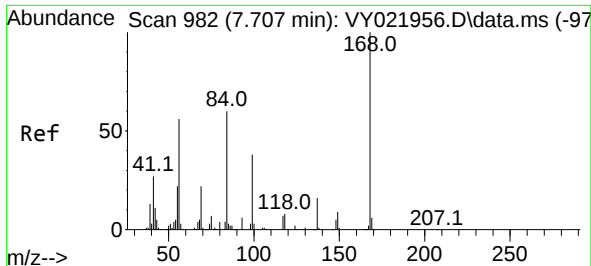
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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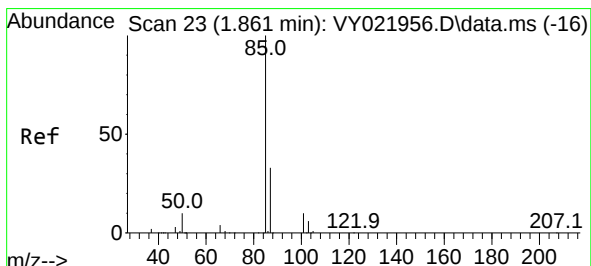
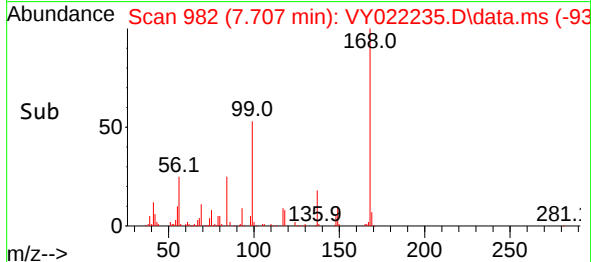
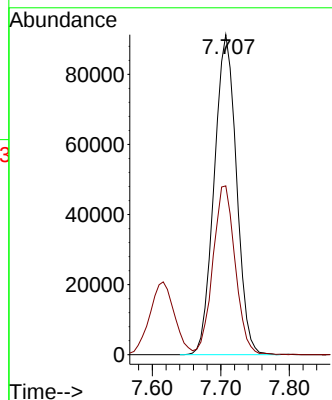
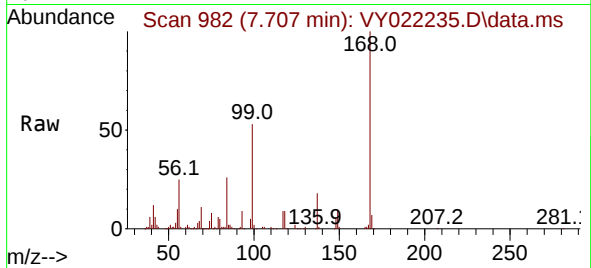




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022235.D
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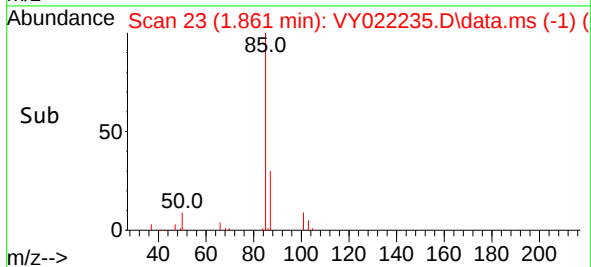
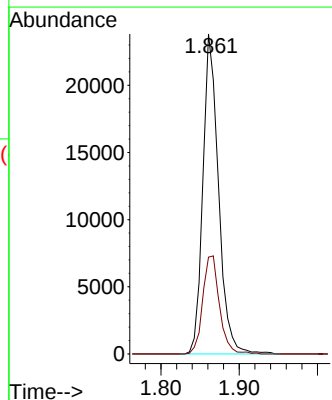
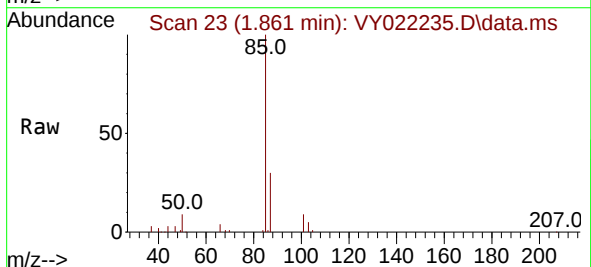
Instrument :
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ClientSampleId :
VY0513SBS01

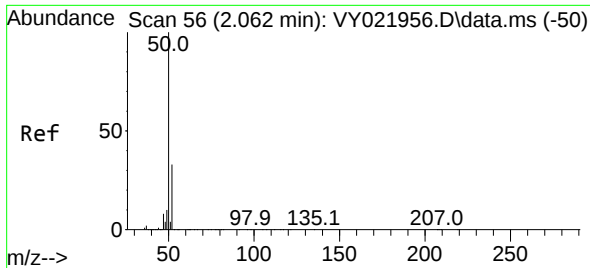
Tgt Ion:168 Resp: 205768
Ion Ratio Lower Upper
168 100
99 52.6 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 18.885 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 85 Resp: 33111
Ion Ratio Lower Upper
85 100
87 30.3 16.6 49.7

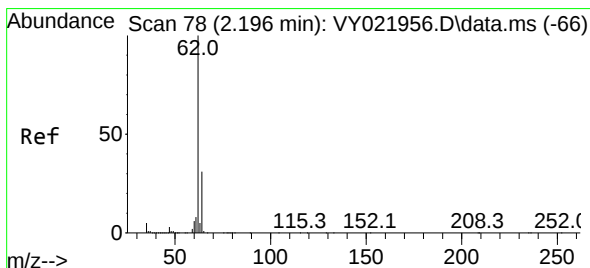
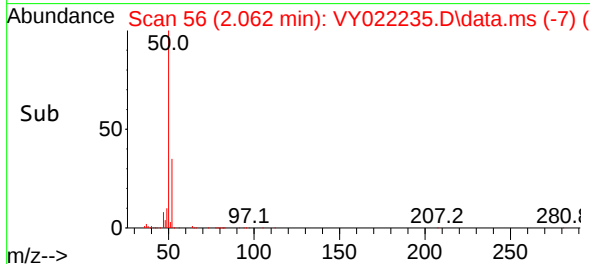
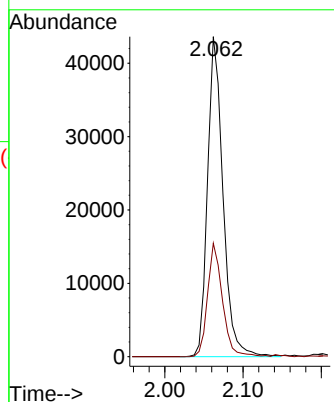
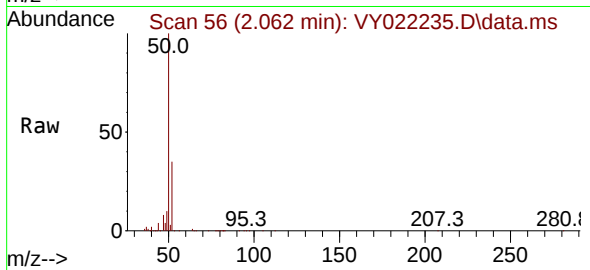




#3
Chloromethane
Concen: 23.926 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

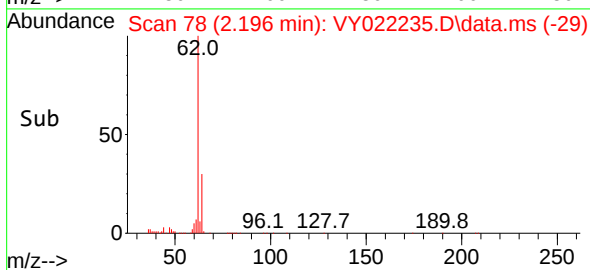
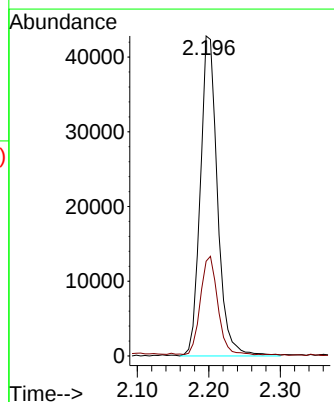
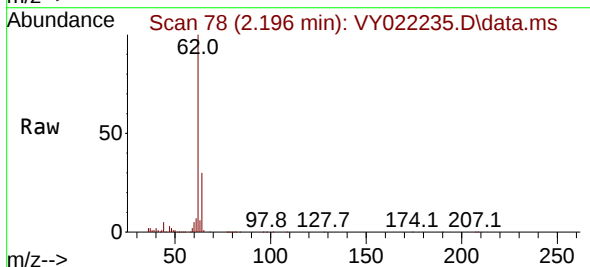
Instrument :
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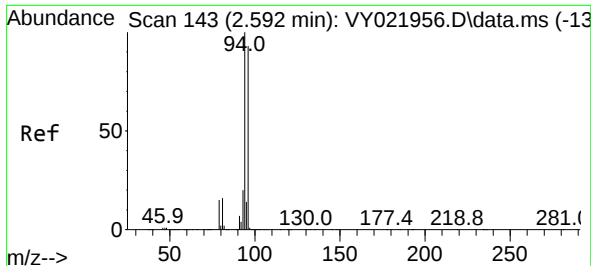
Tgt Ion: 50 Resp: 59733
Ion Ratio Lower Upper
50 100
52 35.5 26.1 39.1



#4
Vinyl Chloride
Concen: 23.281 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 62 Resp: 71426
Ion Ratio Lower Upper
62 100
64 29.3 25.1 37.7

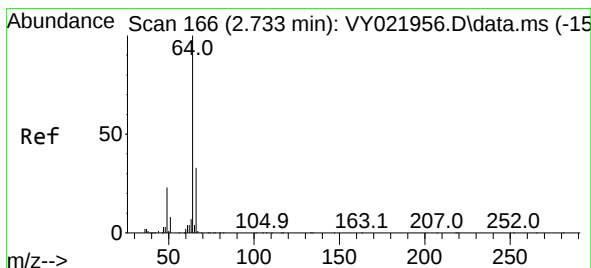
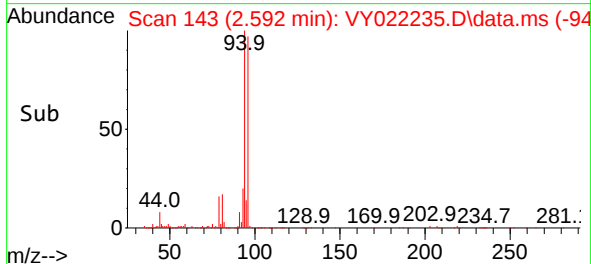
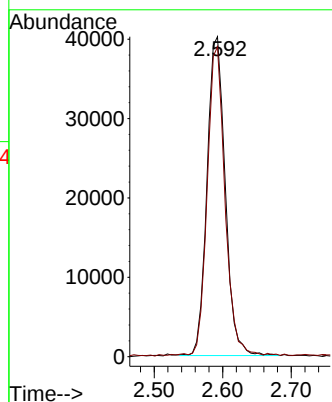
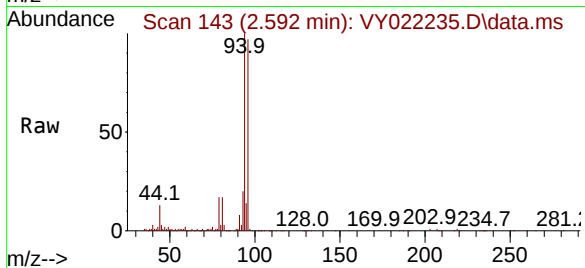




#5
Bromomethane
Concen: 28.077 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022235.D
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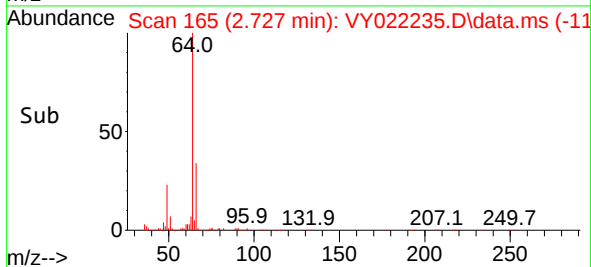
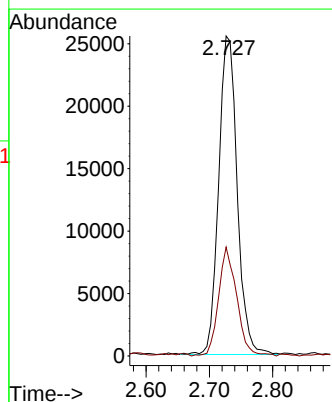
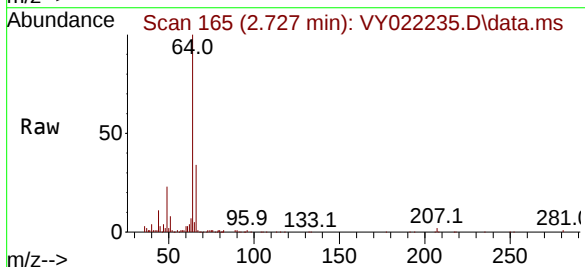
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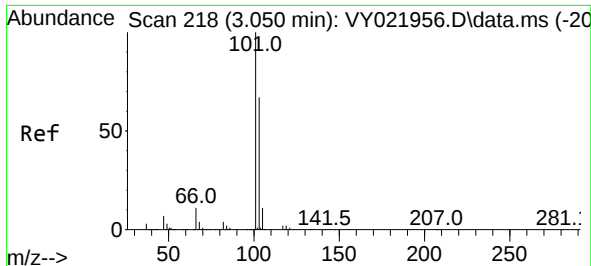
Tgt Ion: 94 Resp: 74211
Ion Ratio Lower Upper
94 100
96 96.8 74.6 111.8



#6
Chloroethane
Concen: 24.813 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022235.D
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Tgt Ion: 64 Resp: 51844
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4

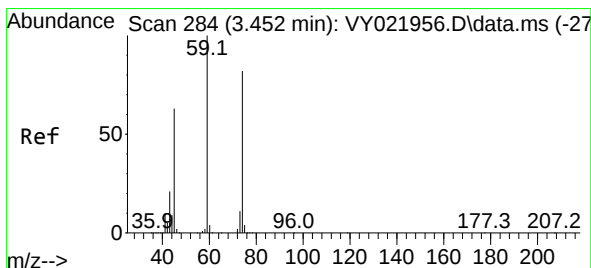
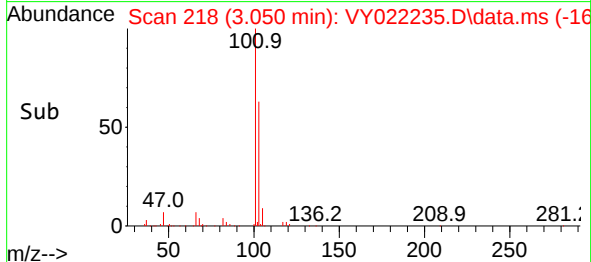
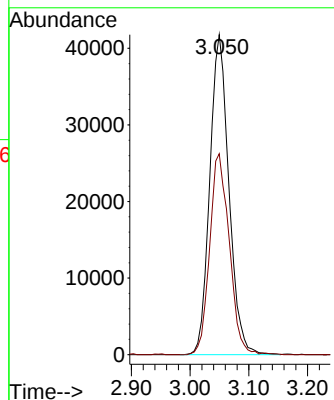
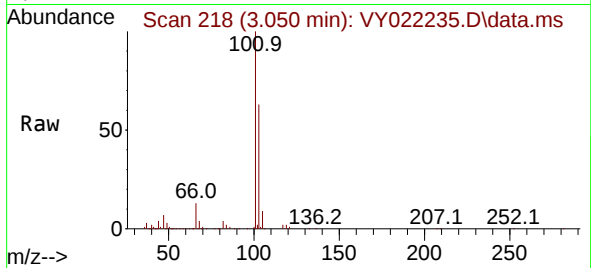




#7
 Trichlorofluoromethane
 Concen: 23.327 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

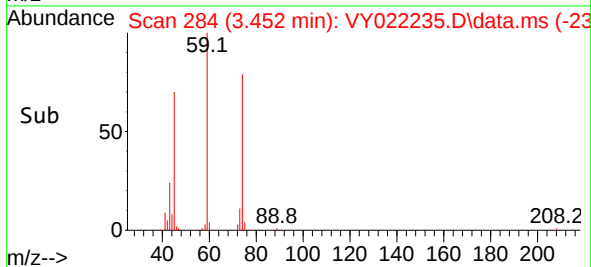
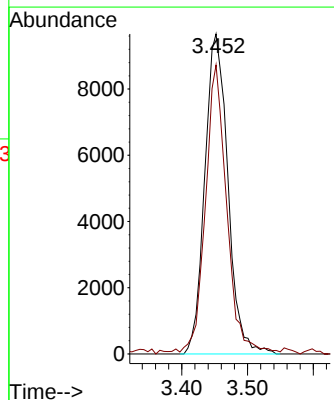
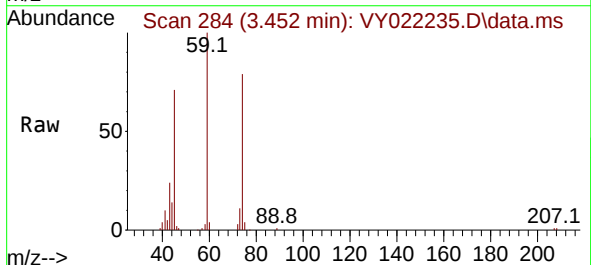
Instrument :
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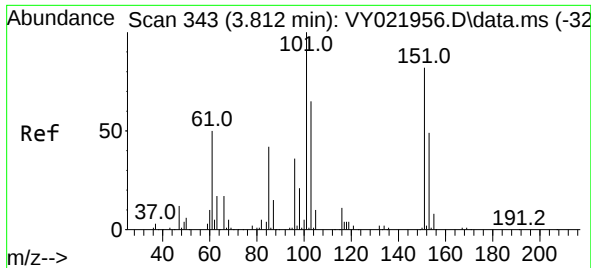
Tgt Ion:101 Resp: 94370
 Ion Ratio Lower Upper
 101 100
 103 62.8 53.6 80.4



#8
 Diethyl Ether
 Concen: 22.452 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022235.D
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Tgt Ion: 74 Resp: 23641
 Ion Ratio Lower Upper
 74 100
 45 84.4 39.1 117.5

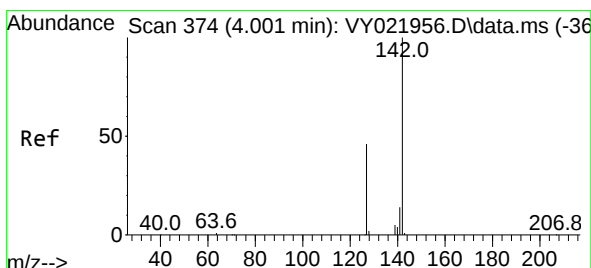
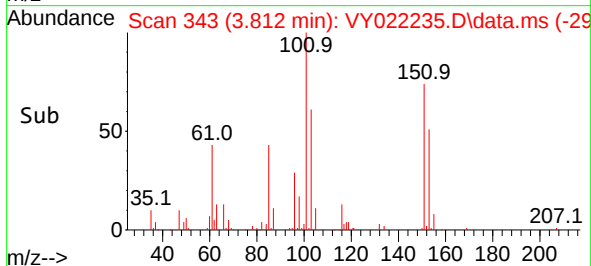
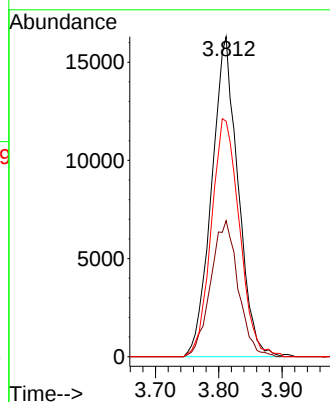
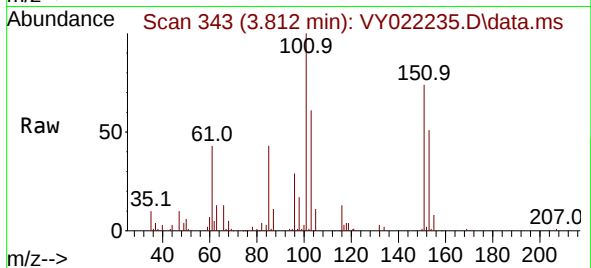




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.524 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

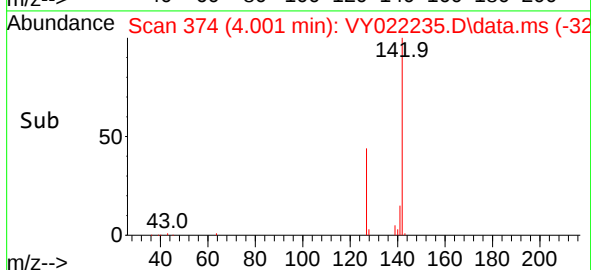
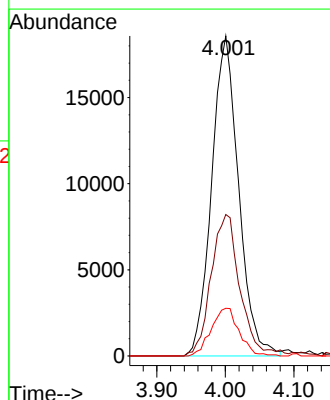
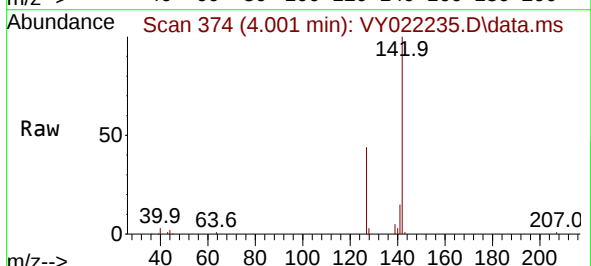
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

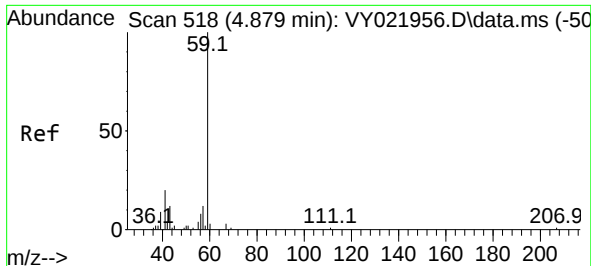
Tgt Ion:101 Resp: 47236
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 79.2 63.7 95.5



#10
Methyl Iodide
Concen: 19.962 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion:142 Resp: 50720
Ion Ratio Lower Upper
142 100
127 47.2 36.2 54.2
141 15.5 11.7 17.5

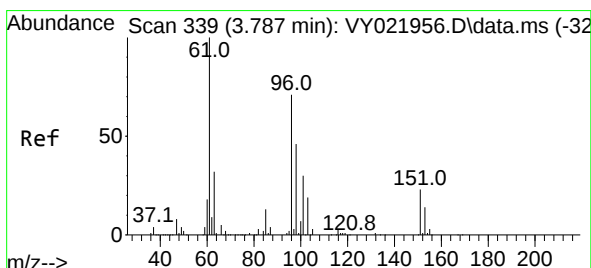
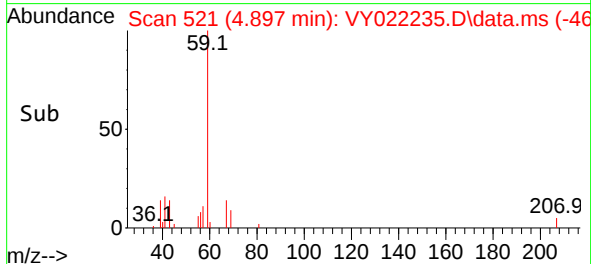
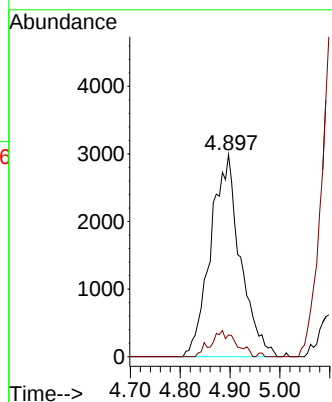
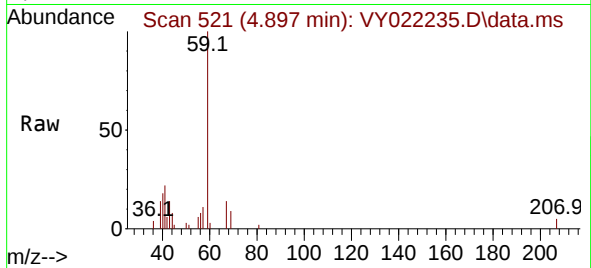




#11
Tert butyl alcohol
Concen: 118.704 ug/l
RT: 4.897 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

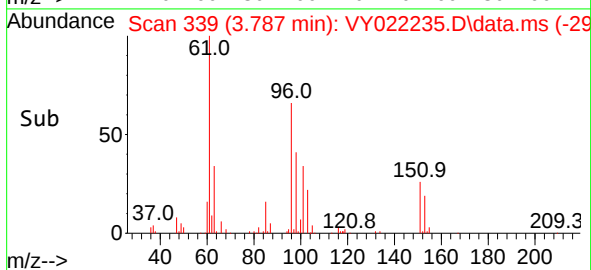
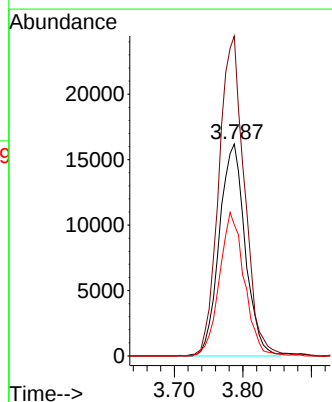
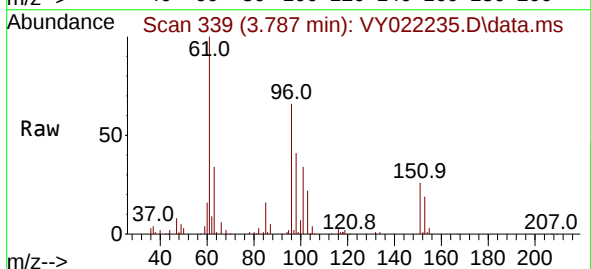
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

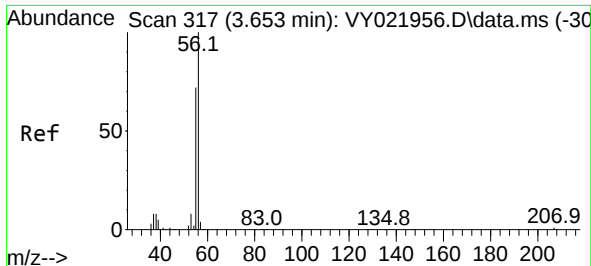
Tgt Ion: 59 Resp: 12386
Ion Ratio Lower Upper
59 100
57 10.8 9.3 13.9



#12
1,1-Dichloroethene
Concen: 20.732 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 96 Resp: 42408
Ion Ratio Lower Upper
96 100
61 150.6 113.0 169.4
98 61.9 51.4 77.2





#13

Acrolein

Concen: 38.467 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

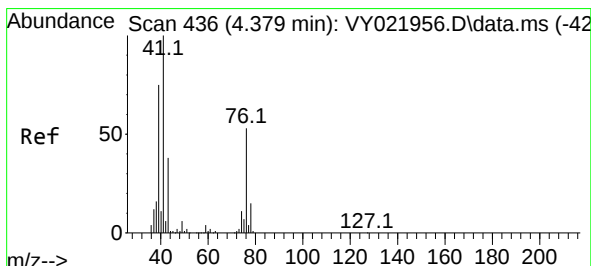
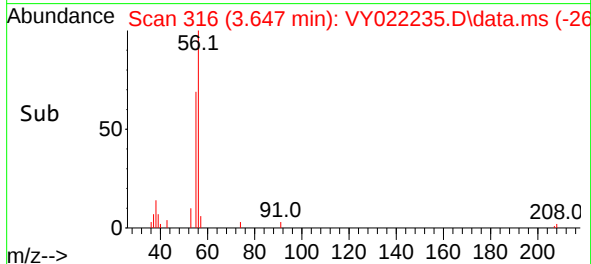
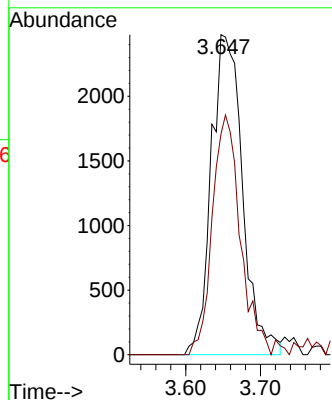
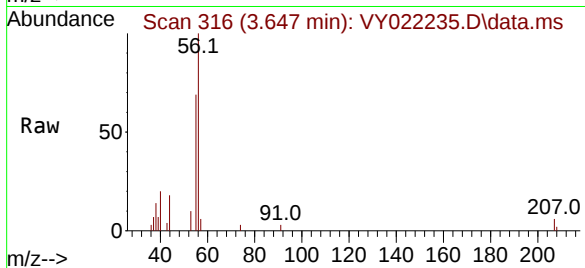
VY0513SBS01

Tgt Ion: 56 Resp: 7204

Ion Ratio Lower Upper

56 100

55 66.6 57.4 86.0



#14

Allyl chloride

Concen: 21.249 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

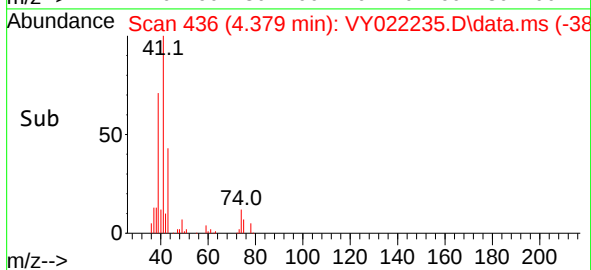
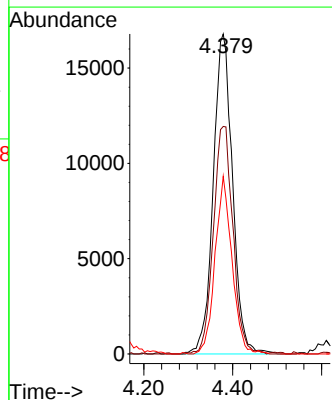
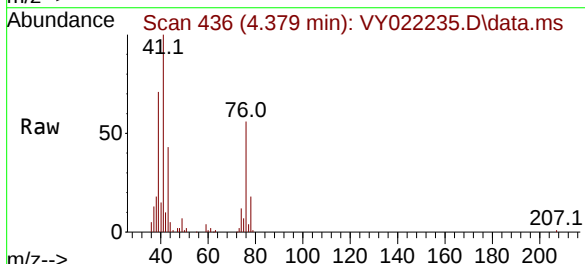
Tgt Ion: 41 Resp: 50612

Ion Ratio Lower Upper

41 100

39 72.0 57.2 85.8

76 48.4 39.7 59.5

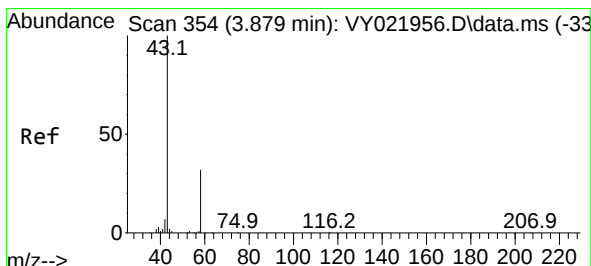
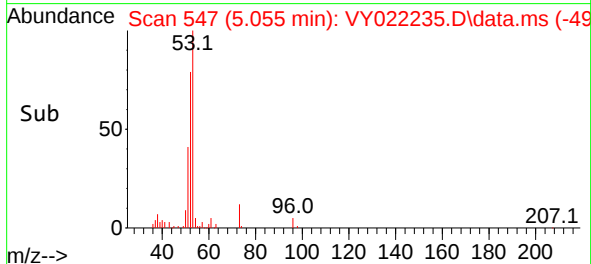
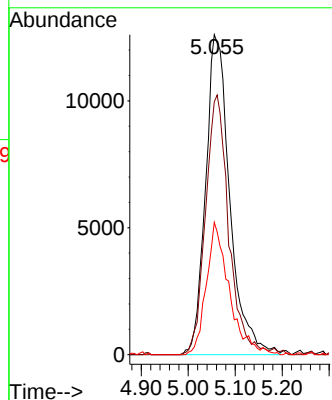
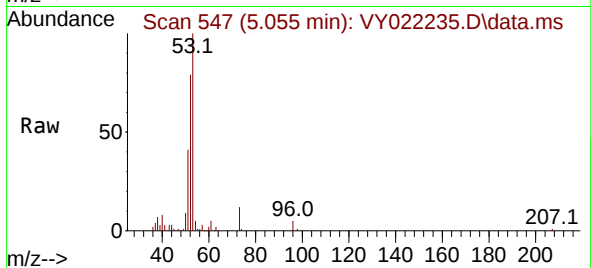




#15
Acrylonitrile
Concen: 117.173 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

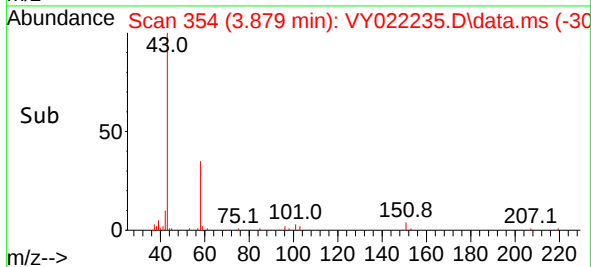
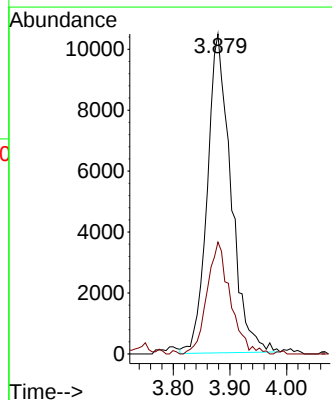
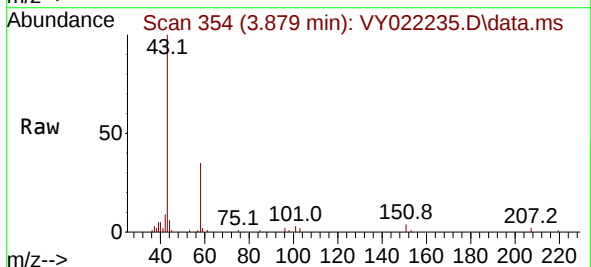
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

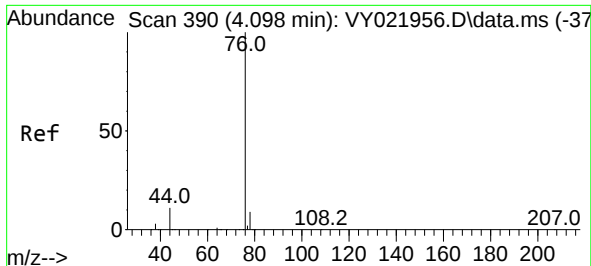
Tgt Ion: 53 Resp: 45168
Ion Ratio Lower Upper
53 100
52 77.7 65.0 97.6
51 38.5 28.9 43.3



#16
Acetone
Concen: 110.051 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 43 Resp: 30353
Ion Ratio Lower Upper
43 100
58 35.2 27.0 40.4

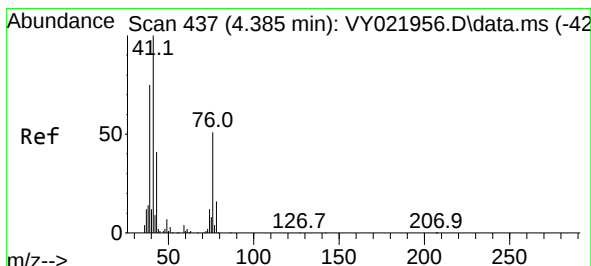
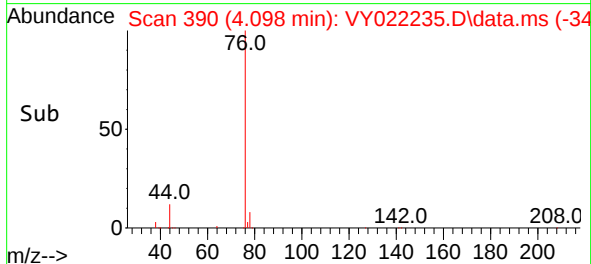
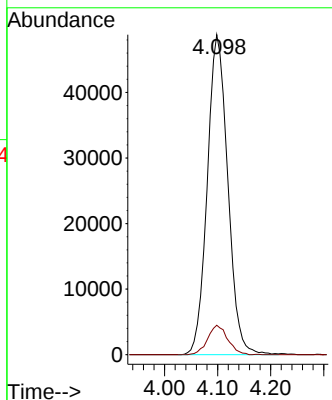
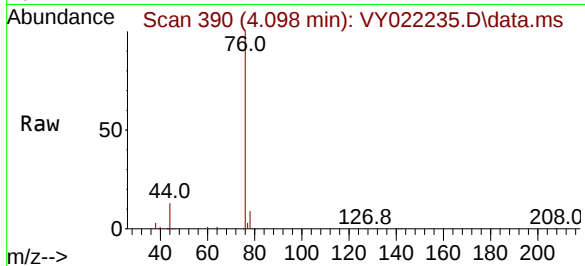




#17
Carbon Disulfide
Concen: 20.145 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

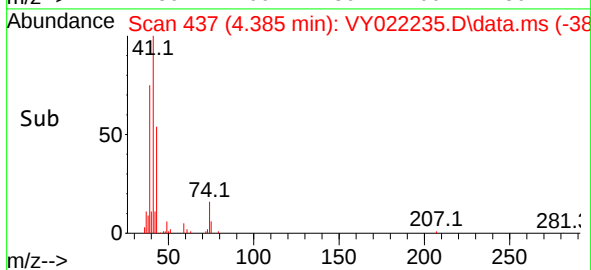
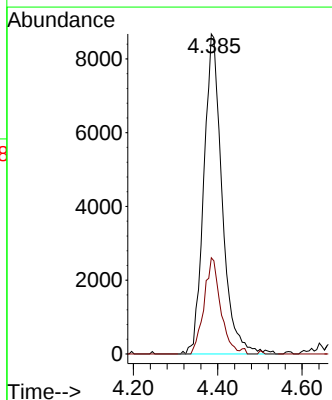
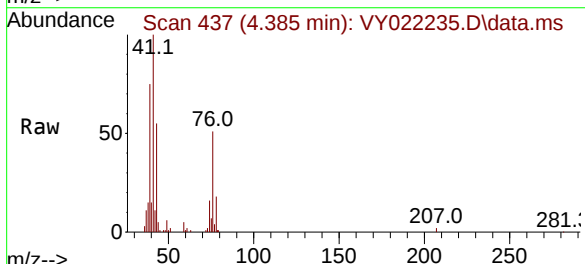
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Tgt Ion: 76 Resp: 131391
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 29.474 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 43 Resp: 26168
Ion Ratio Lower Upper
43 100
74 27.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 21.514 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

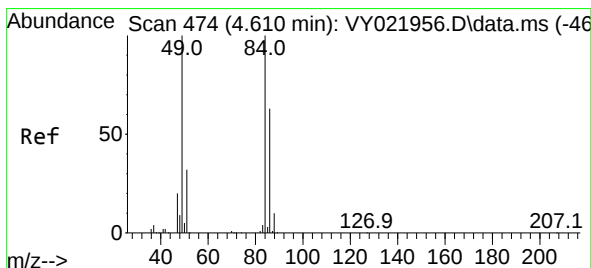
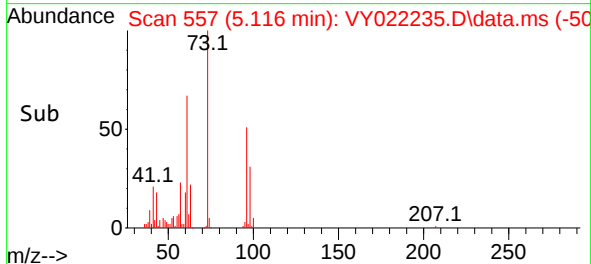
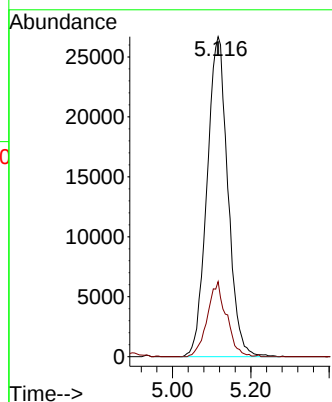
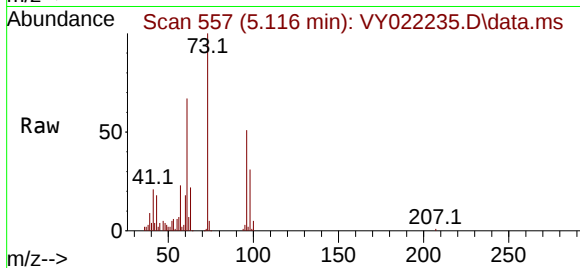
VY0513SBS01

Tgt Ion: 73 Resp: 98499

Ion Ratio Lower Upper

73 100

57 23.4 16.9 25.3



#20

Methylene Chloride

Concen: 21.808 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Tgt Ion: 84 Resp: 52411

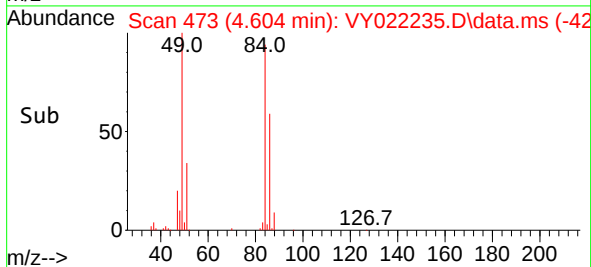
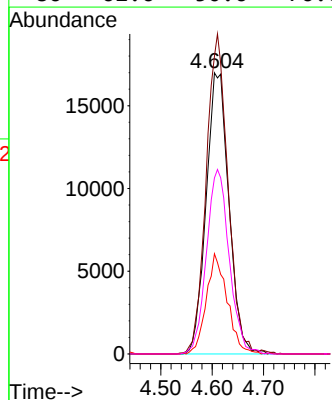
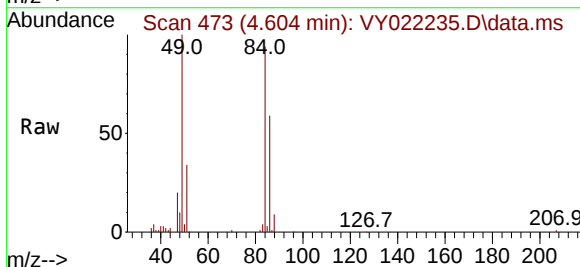
Ion Ratio Lower Upper

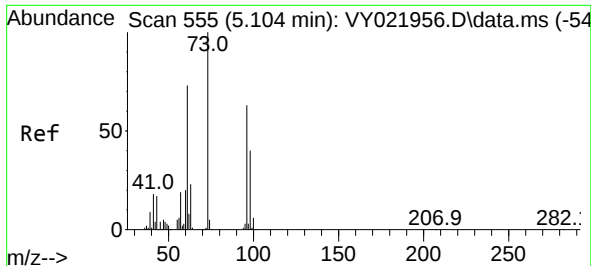
84 100

49 105.6 79.9 119.9

51 35.6 25.4 38.0

86 62.6 50.6 76.0

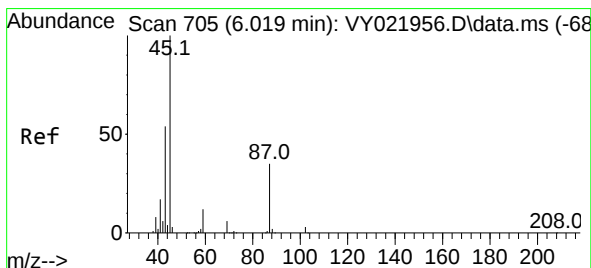
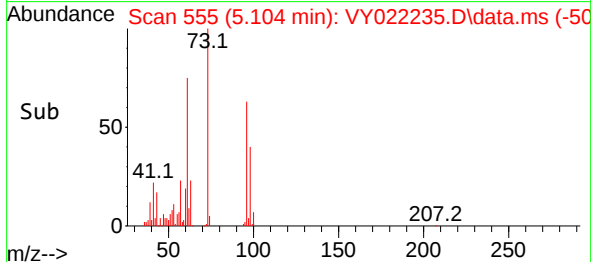
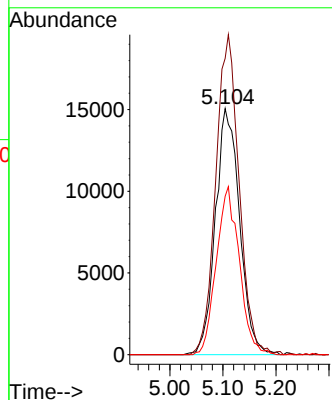
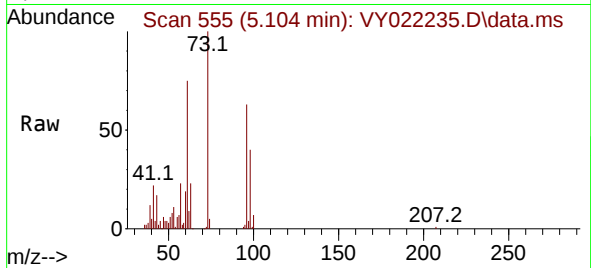




#21
trans-1,2-Dichloroethene
Concen: 20.860 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

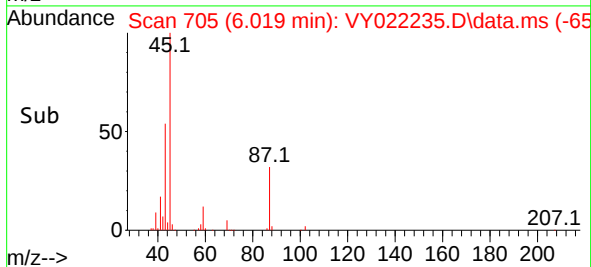
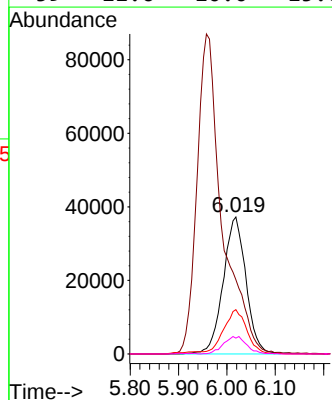
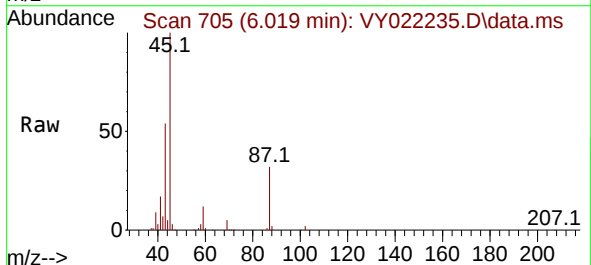
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

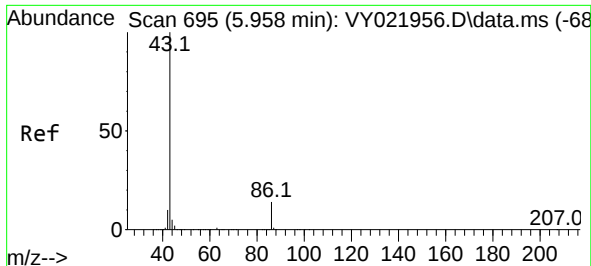
Tgt Ion: 96 Resp: 47788
Ion Ratio Lower Upper
96 100
61 120.4 92.6 138.8
98 64.3 50.2 75.4



#22
Diisopropyl ether
Concen: 23.022 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 45 Resp: 122027
Ion Ratio Lower Upper
45 100
43 53.0 43.6 65.4
87 31.9 28.2 42.4
59 11.6 10.0 15.0

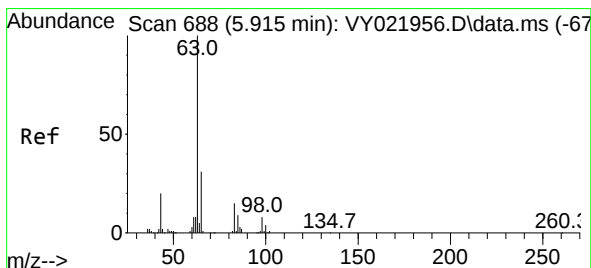
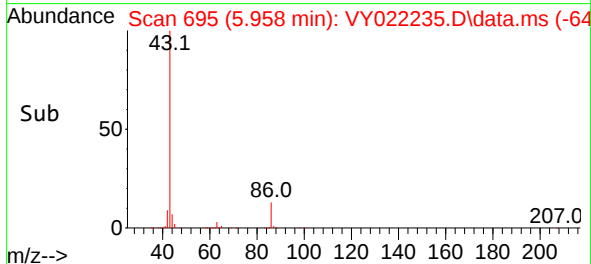
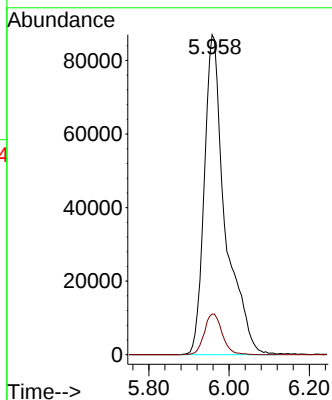
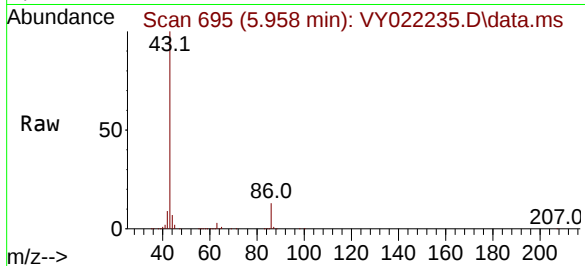




#23
 Vinyl Acetate
 Concen: 110.254 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

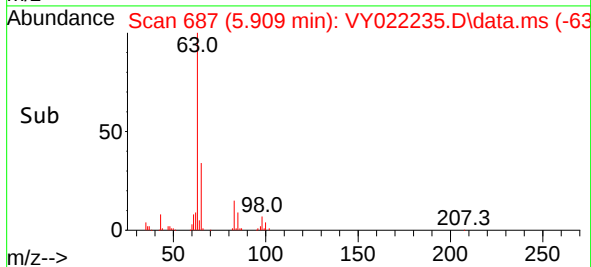
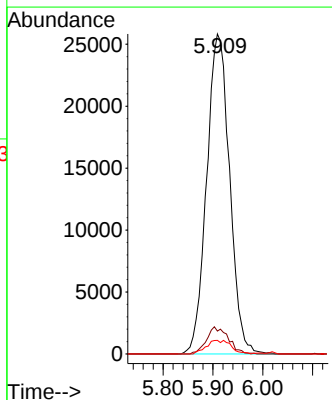
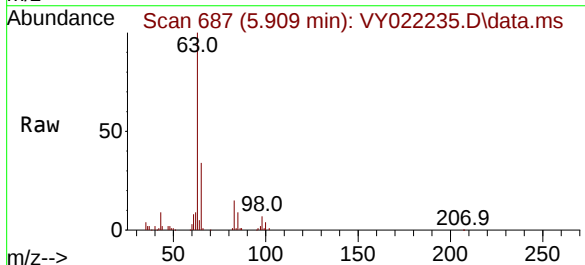
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

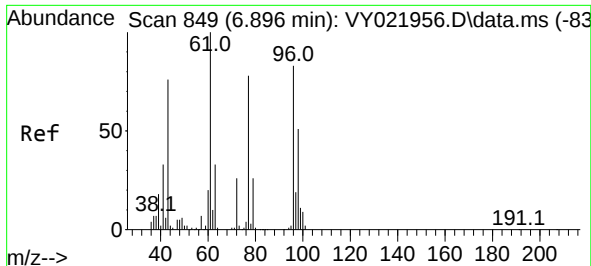
Tgt Ion: 43 Resp: 314953
 Ion Ratio Lower Upper
 43 100
 86 12.7 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 22.465 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

Tgt Ion: 63 Resp: 82538
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 11.9
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 112.685 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

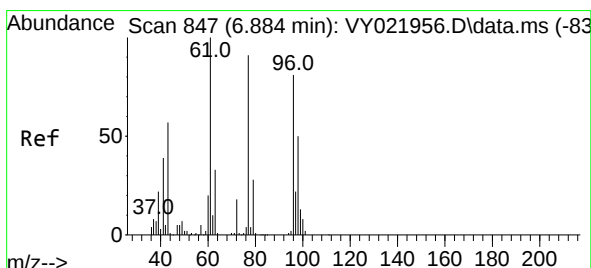
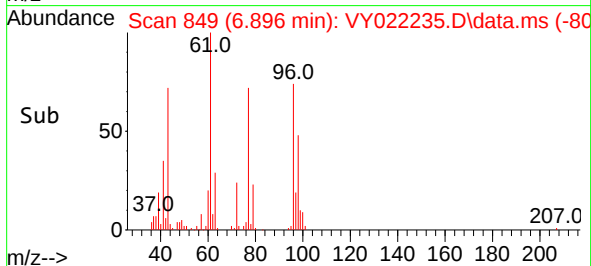
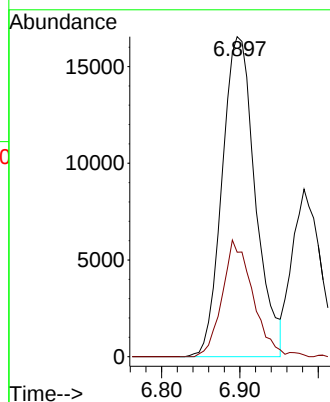
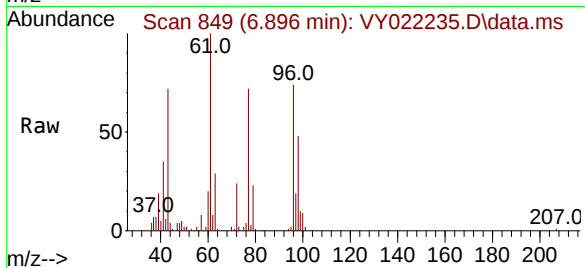
VY0513SBS01

Tgt Ion: 43 Resp: 48820

Ion Ratio Lower Upper

43 100

72 32.6 27.0 40.4



#26

2,2-Dichloropropane

Concen: 21.780 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022235.D

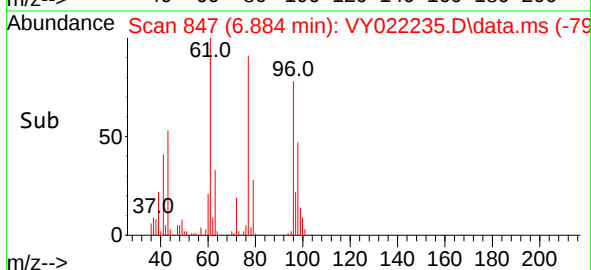
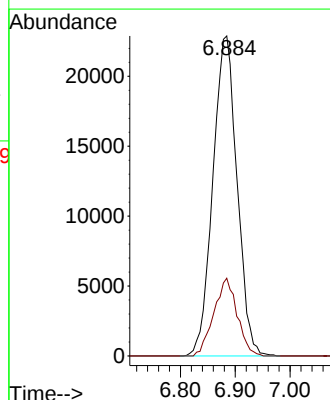
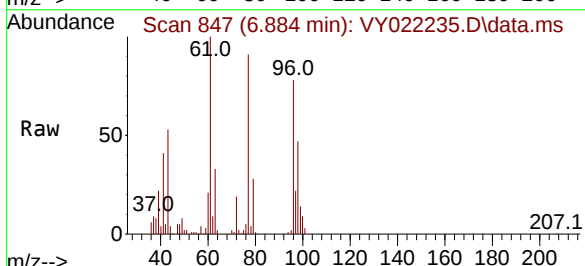
Acq: 13 May 2025 11:41

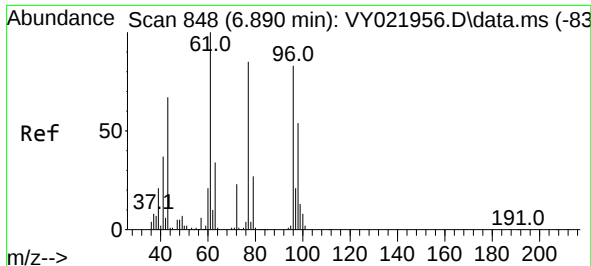
Tgt Ion: 77 Resp: 70135

Ion Ratio Lower Upper

77 100

97 23.4 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 21.154 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

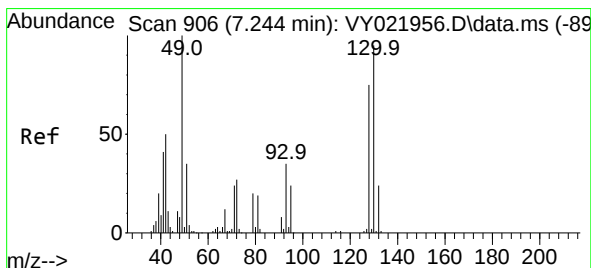
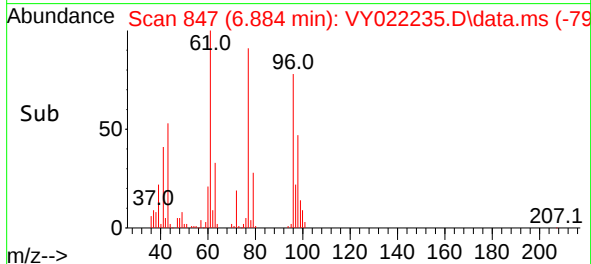
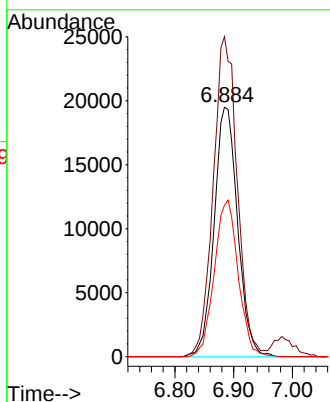
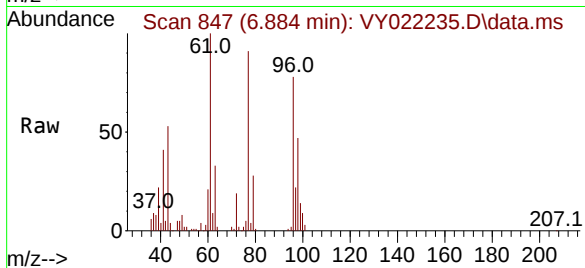
Tgt Ion: 96 Resp: 54188

Ion Ratio Lower Upper

96 100

61 131.6 0.0 251.4

98 63.9 0.0 128.4



#28

Bromochloromethane

Concen: 22.875 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

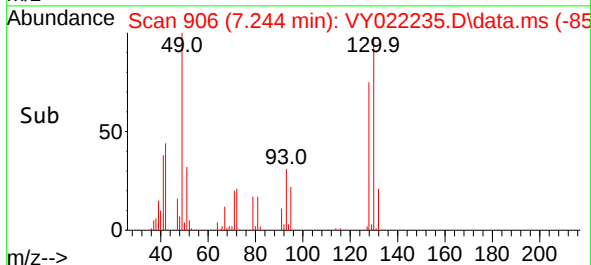
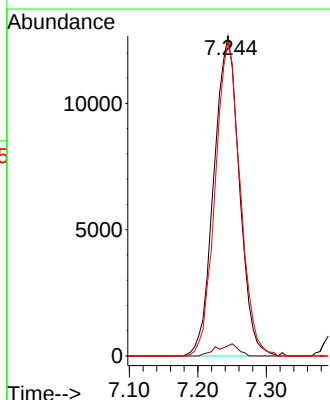
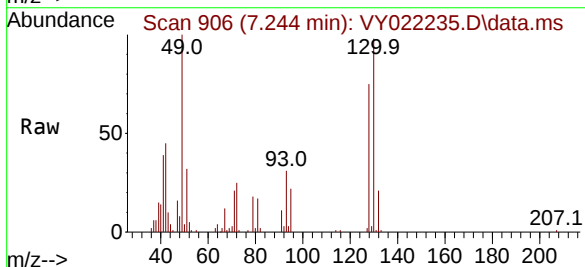
Tgt Ion: 49 Resp: 32645

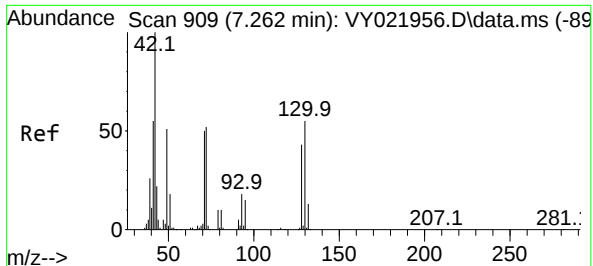
Ion Ratio Lower Upper

49 100

129 3.2 0.0 5.0

130 96.1 78.2 117.4





#29

Tetrahydrofuran

Concen: 117.427 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

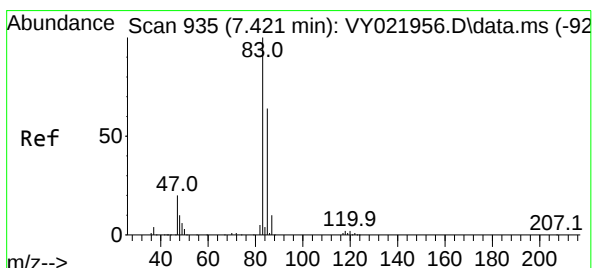
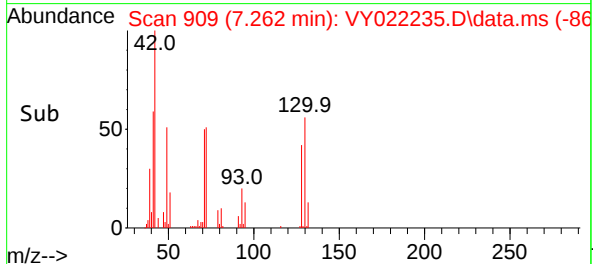
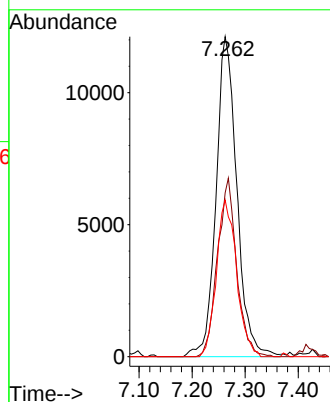
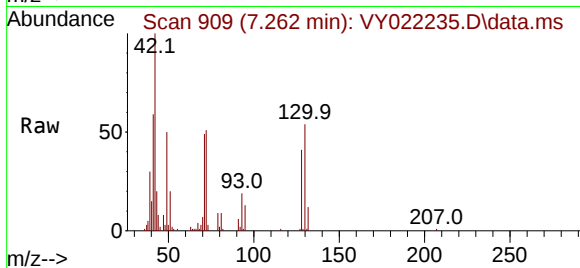
Tgt Ion: 42 Resp: 33042

Ion Ratio Lower Upper

42 100

72 51.4 42.6 63.8

71 47.5 40.6 61.0



#30

Chloroform

Concen: 22.245 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022235.D

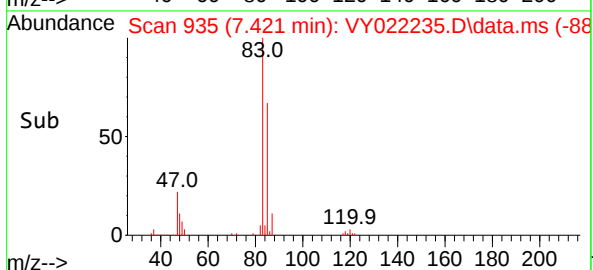
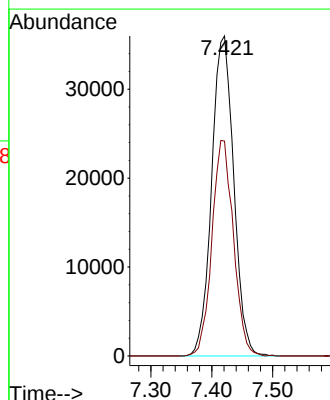
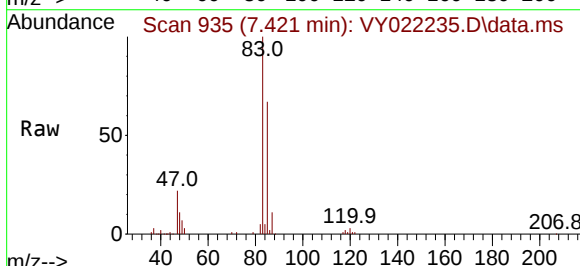
Acq: 13 May 2025 11:41

Tgt Ion: 83 Resp: 90657

Ion Ratio Lower Upper

83 100

85 67.2 51.3 76.9

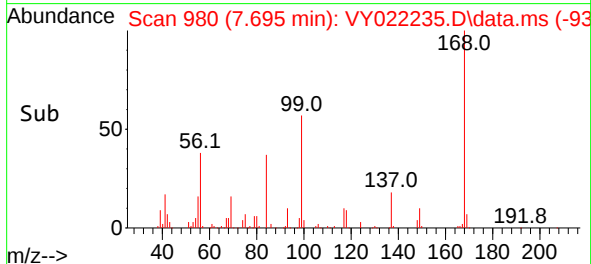
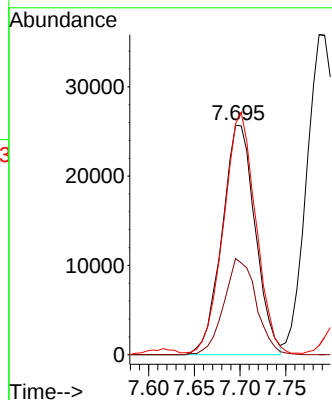
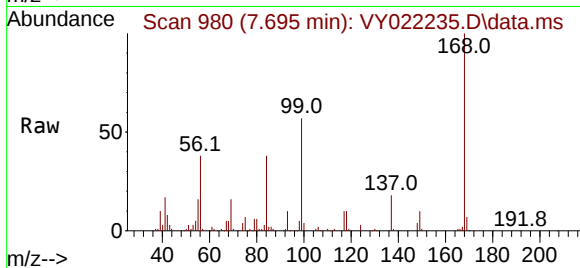




#31
Cyclohexane
Concen: 20.695 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

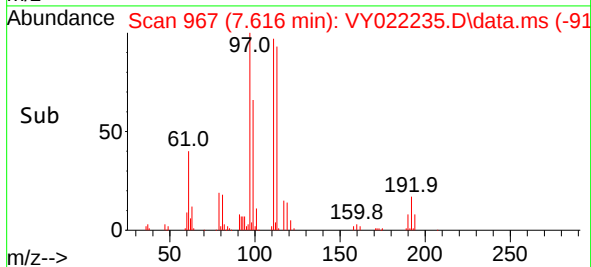
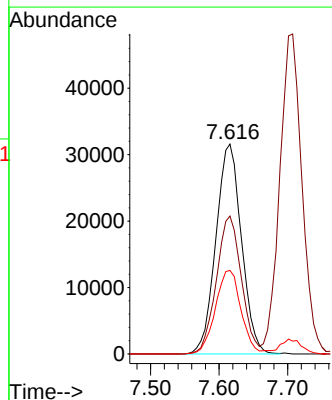
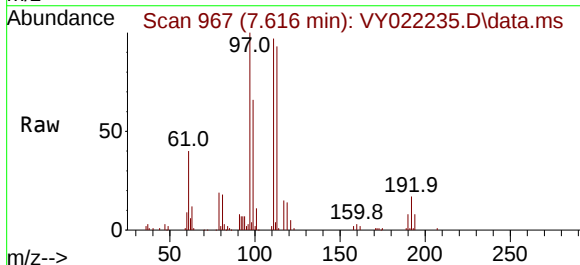
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Tgt Ion: 56 Resp: 65020
Ion Ratio Lower Upper
56 100
69 41.9 29.4 44.2
84 99.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 22.161 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 97 Resp: 81708
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 39.9 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 55.035 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

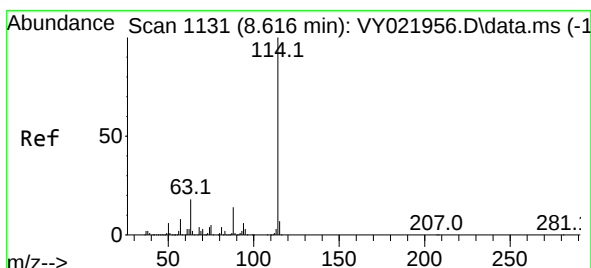
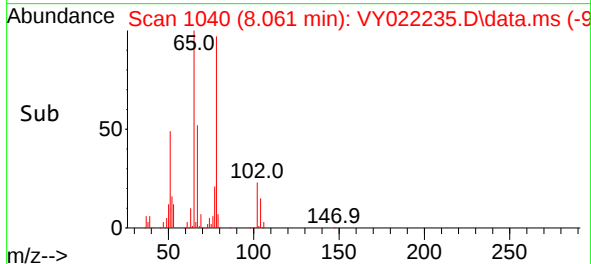
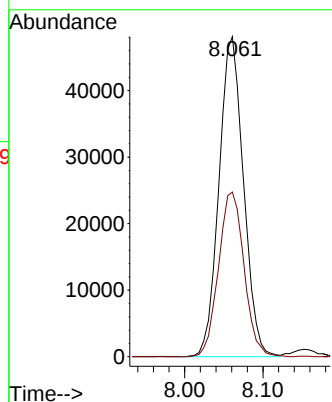
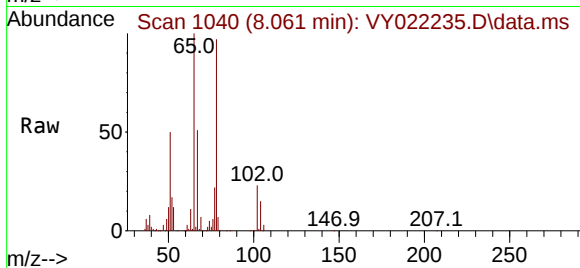
VY0513SBS01

Tgt Ion: 65 Resp: 104601

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

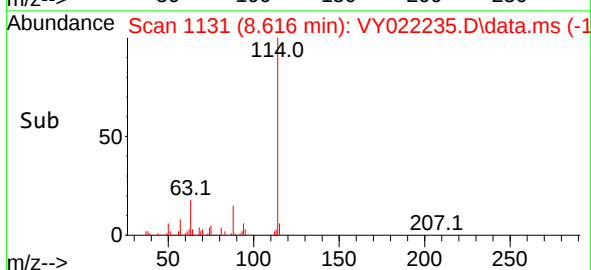
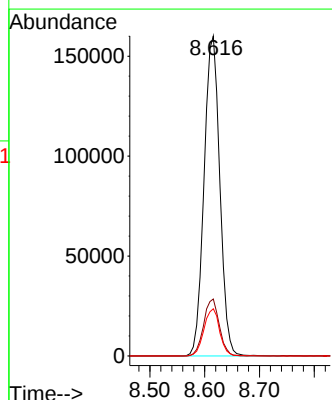
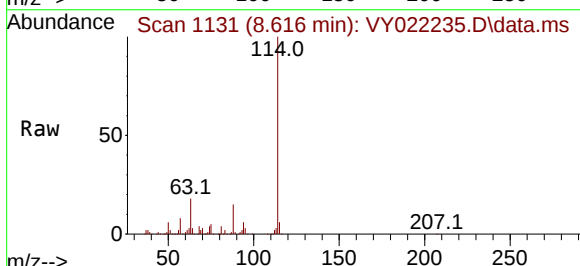
Tgt Ion: 114 Resp: 318674

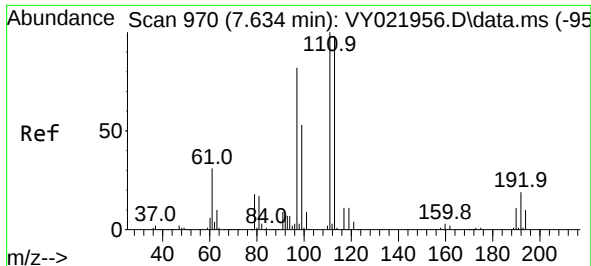
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

88 14.8 0.0 28.2

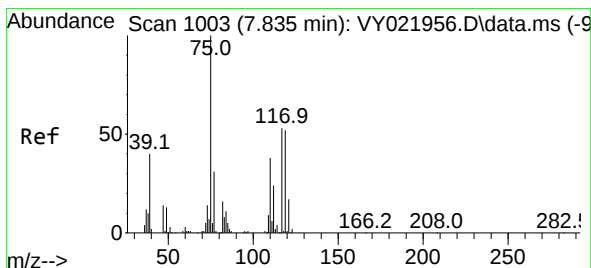
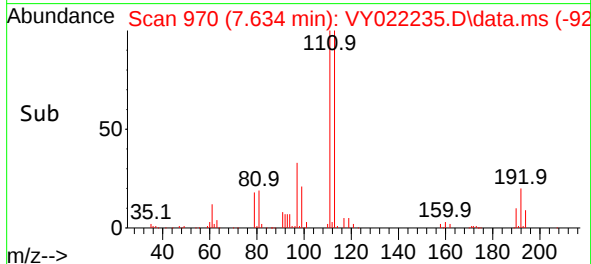
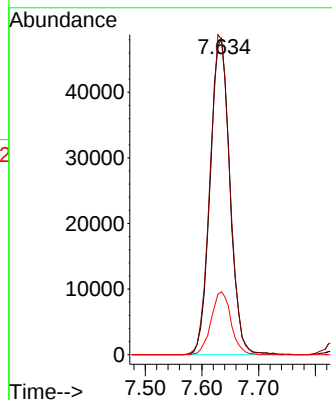
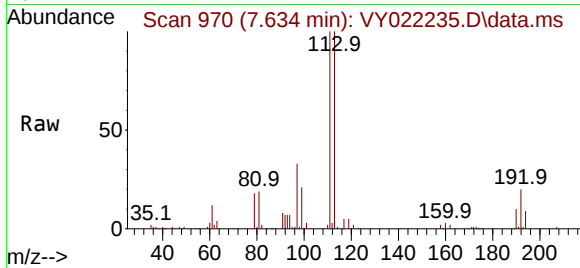




#35
Dibromofluoromethane
Concen: 55.429 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

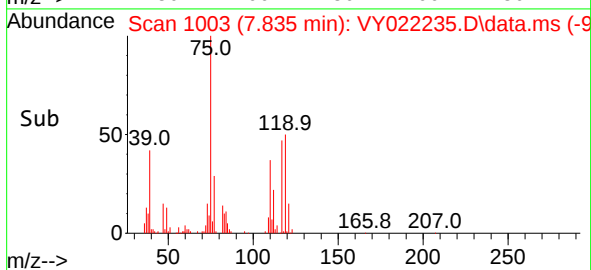
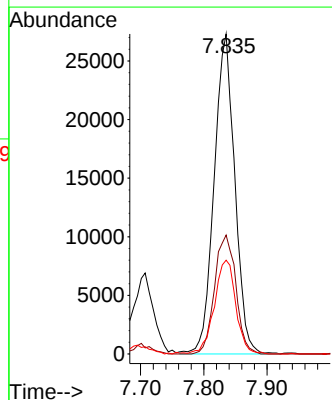
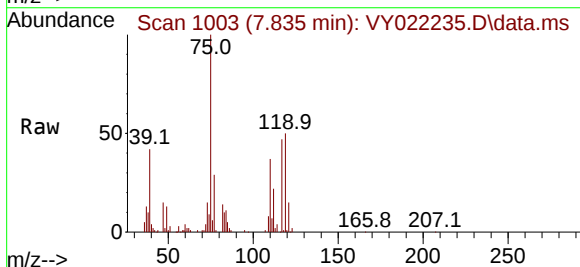
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

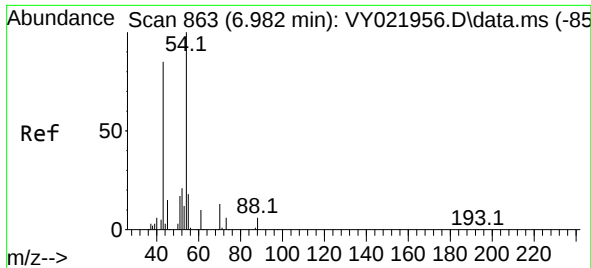
Tgt Ion:113 Resp: 116697
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 20.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 21.879 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 75 Resp: 61873
Ion Ratio Lower Upper
75 100
110 38.3 19.1 57.3
77 30.5 25.5 38.3





#37

Ethyl Acetate

Concen: 22.155 ug/l

RT: 6.982 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

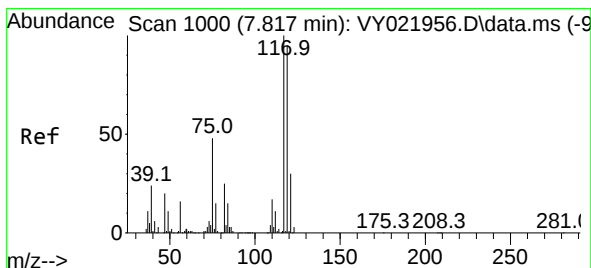
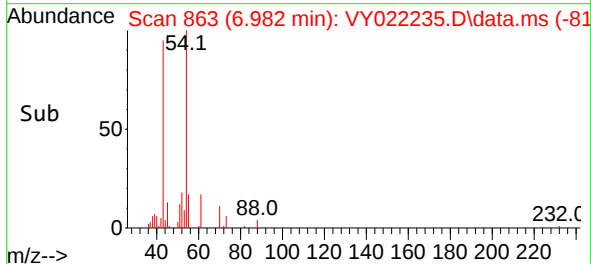
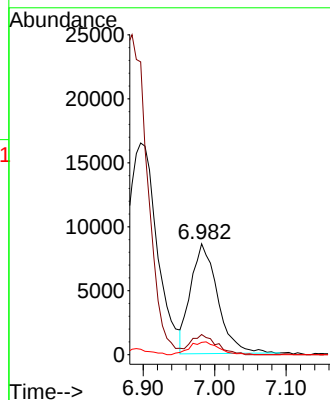
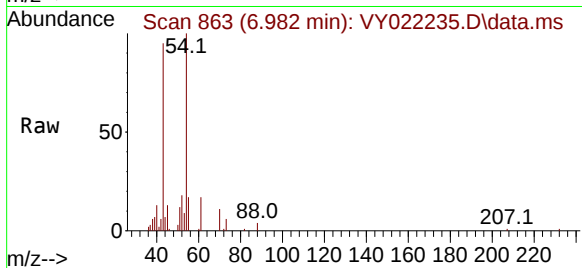
Tgt Ion: 43 Resp: 22503

Ion Ratio Lower Upper

43 100

61 16.9 13.8 20.6

70 12.5 9.2 13.8



#38

Carbon Tetrachloride

Concen: 21.933 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

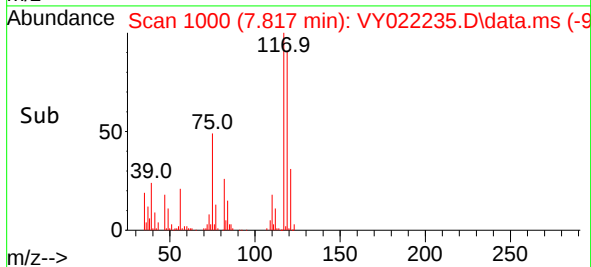
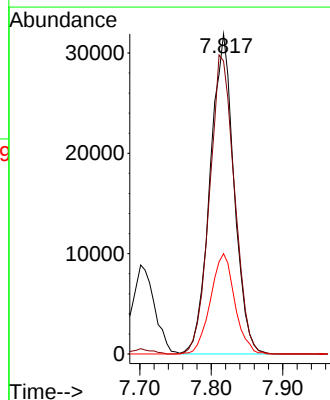
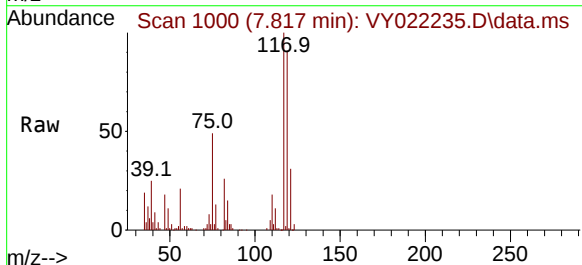
Tgt Ion: 117 Resp: 74117

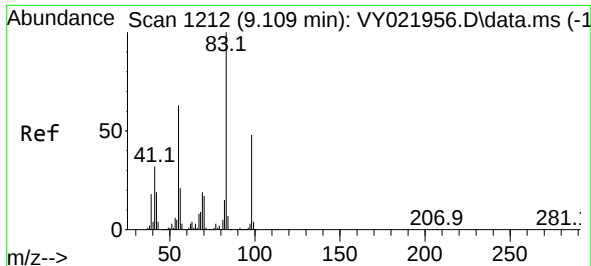
Ion Ratio Lower Upper

117 100

119 91.5 76.2 114.4

121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 19.957 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

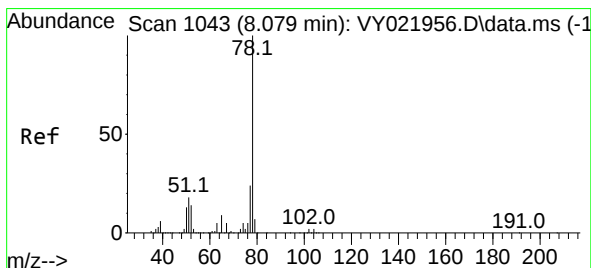
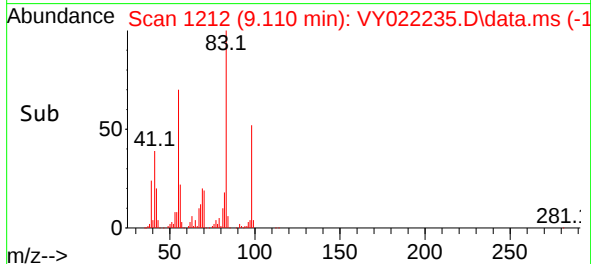
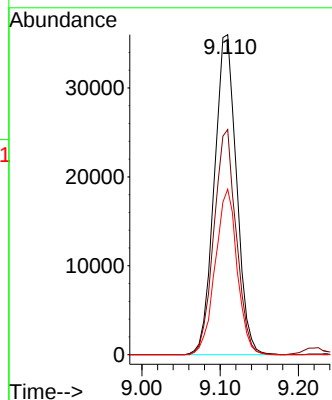
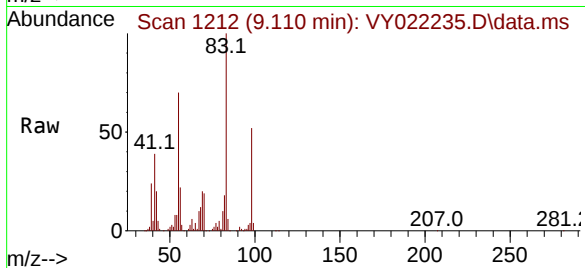
Tgt Ion: 83 Resp: 71025

Ion Ratio Lower Upper

83 100

55 70.3 50.6 75.8

98 51.7 38.6 58.0



#40

Benzene

Concen: 22.102 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY022235.D

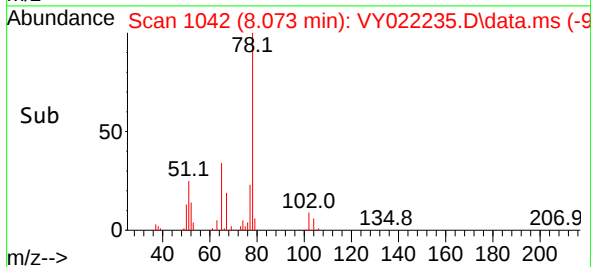
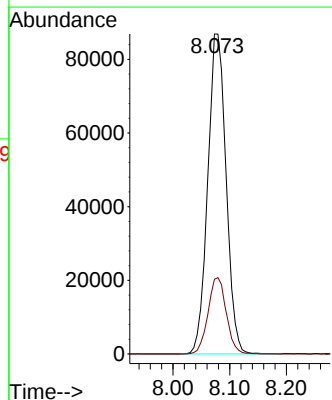
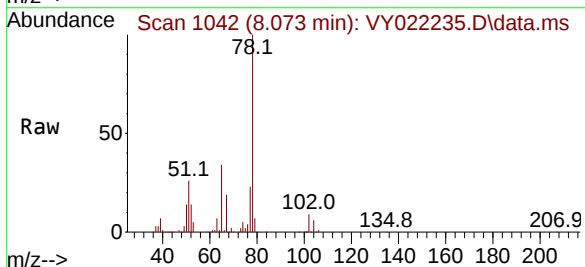
Acq: 13 May 2025 11:41

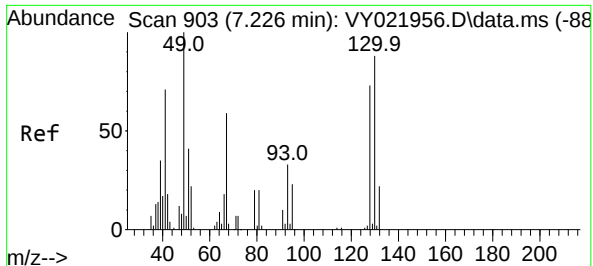
Tgt Ion: 78 Resp: 195390

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

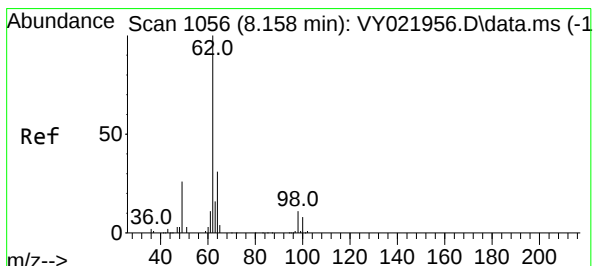
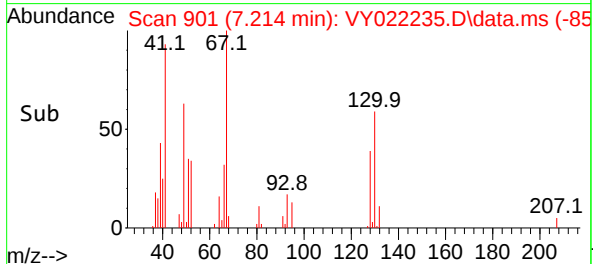
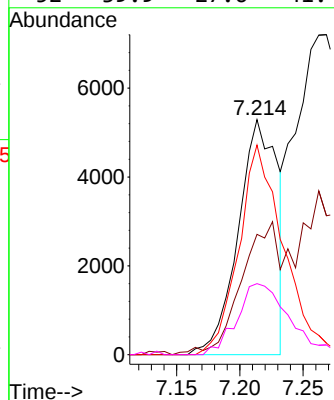
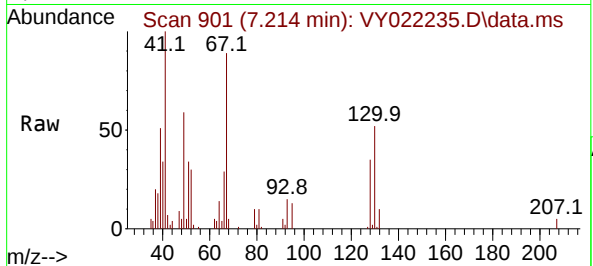




#41
Methacrylonitrile
Concen: 20.651 ug/l
RT: 7.214 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

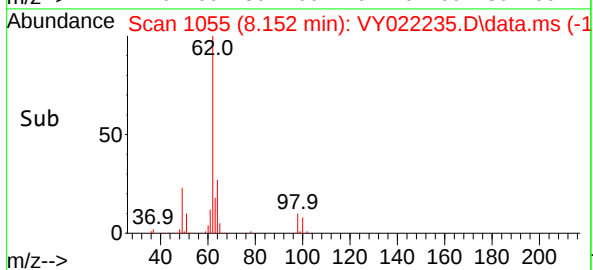
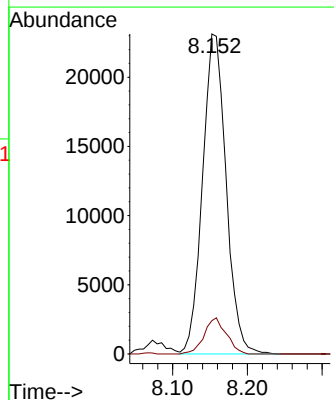
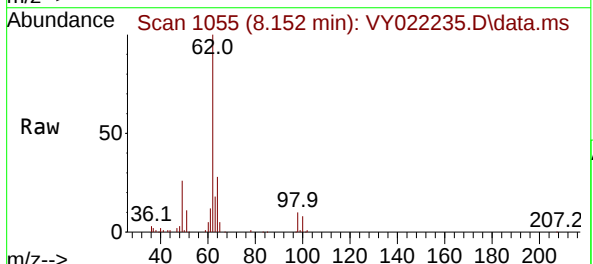
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

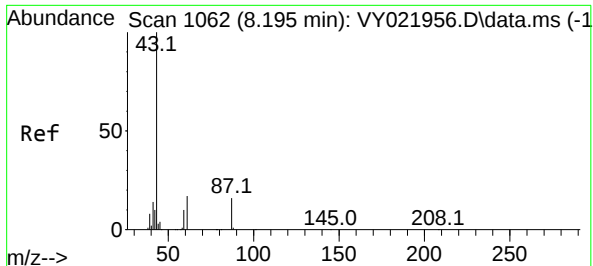
Tgt Ion: 41 Resp: 11466
Ion Ratio Lower Upper
41 100
39 67.5 36.6 55.0#
67 101.5 72.2 108.4
52 39.9 27.6 41.4



#42
1,2-Dichloroethane
Concen: 23.139 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 62 Resp: 50646
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0

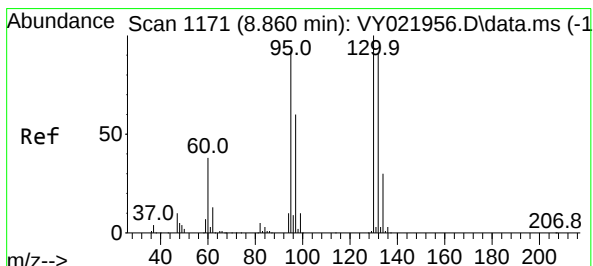
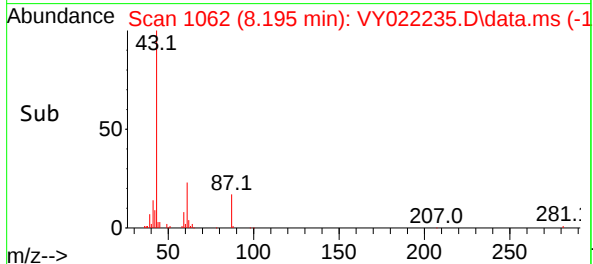
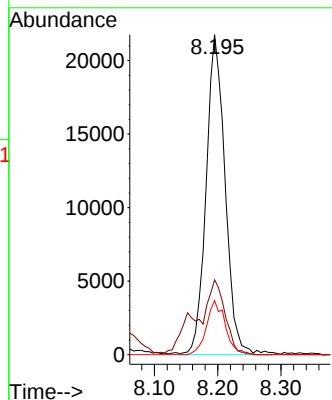
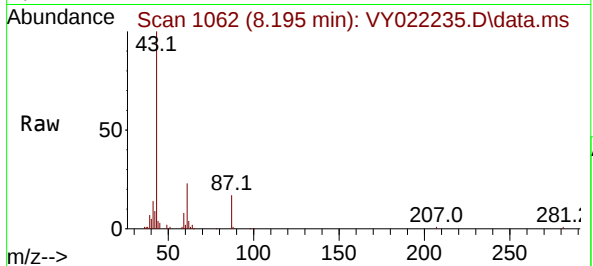




#43
Isopropyl Acetate
Concen: 23.334 ug/l
RT: 8.195 min Scan# 11062
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

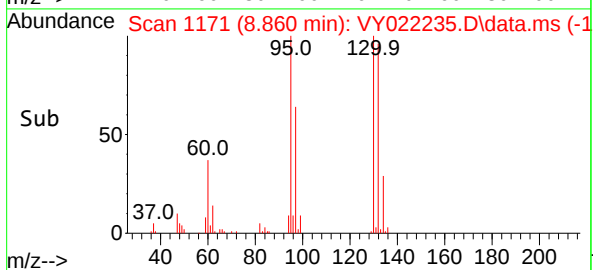
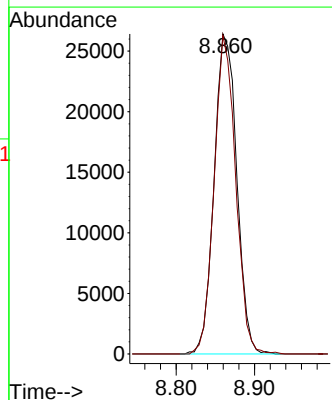
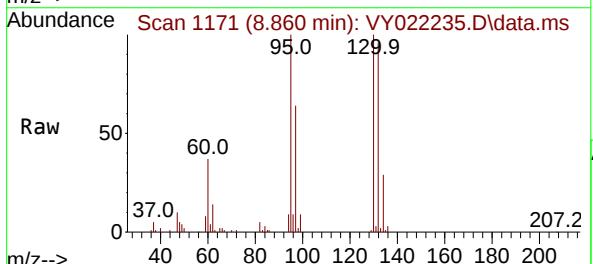
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Tgt Ion: 43 Resp: 45515
Ion Ratio Lower Upper
43 100
61 21.2 18.9 28.3
87 16.7 13.7 20.5



#44
Trichloroethene
Concen: 21.648 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion:130 Resp: 53008
Ion Ratio Lower Upper
130 100
95 99.5 0.0 183.2





#45

1,2-Dichloropropane

Concen: 23.004 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

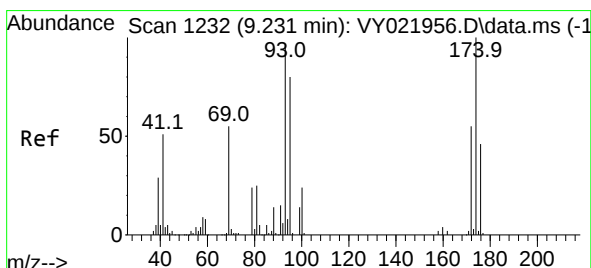
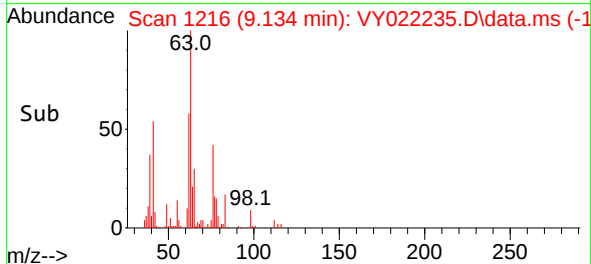
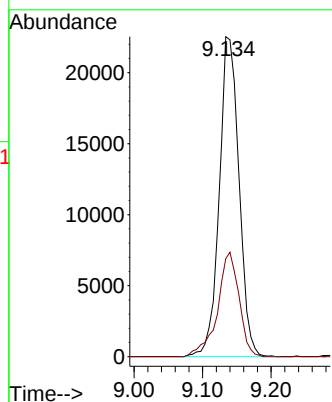
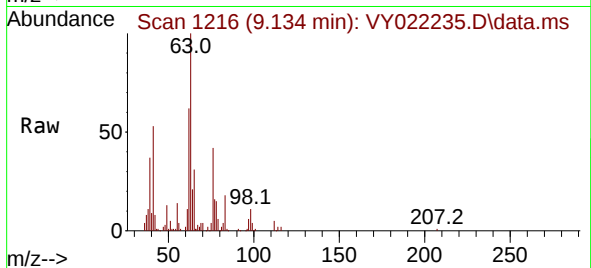
VY0513SBS01

Tgt Ion: 63 Resp: 44972

Ion Ratio Lower Upper

63 100

65 30.6 25.2 37.8



#46

Dibromomethane

Concen: 22.089 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

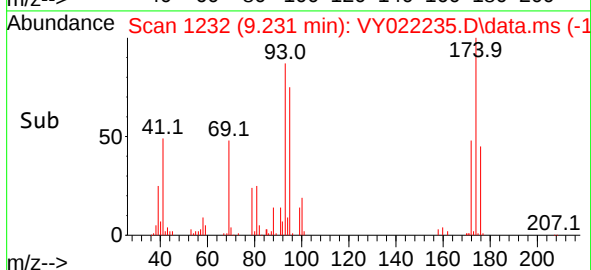
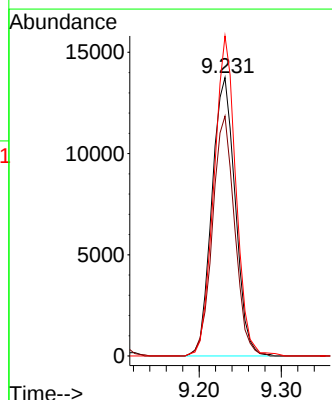
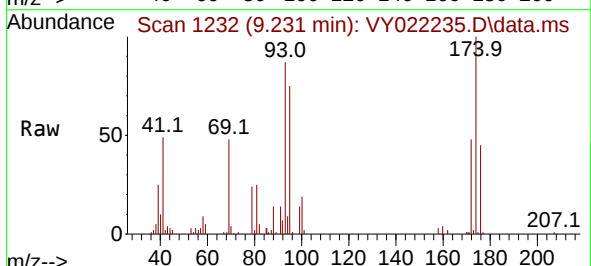
Tgt Ion: 93 Resp: 27033

Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 108.4 84.6 127.0

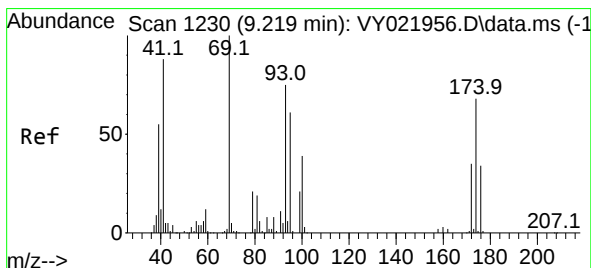
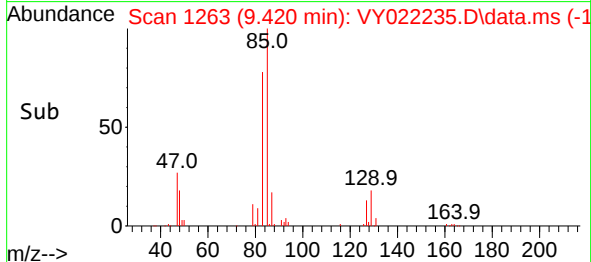
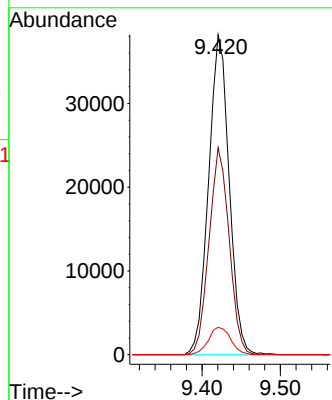
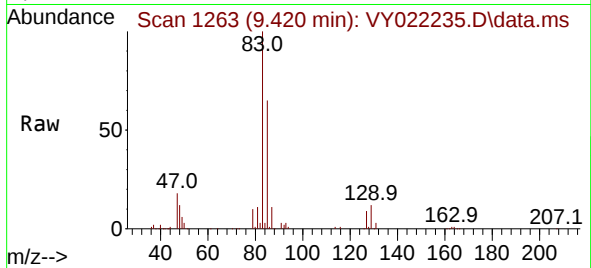




#47
Bromodichloromethane
Concen: 22.805 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

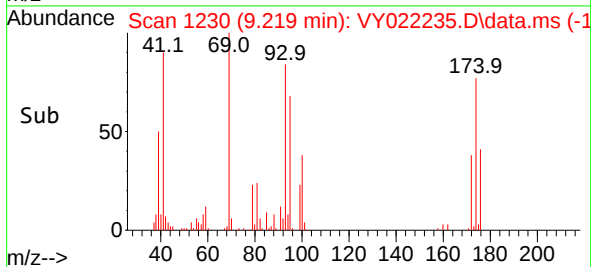
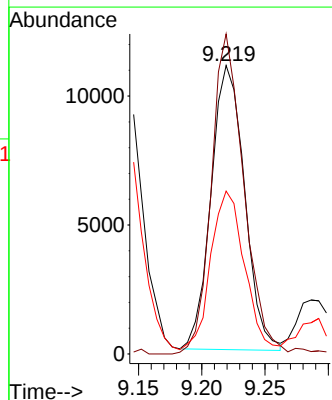
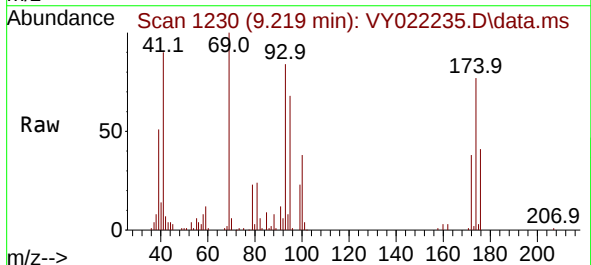
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

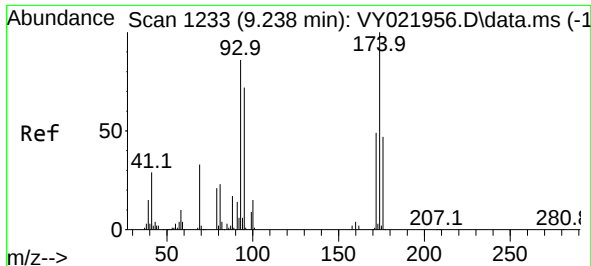
Tgt Ion: 83 Resp: 69720
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 22.532 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 41 Resp: 20317
Ion Ratio Lower Upper
41 100
69 109.7 85.5 128.3
39 55.8 46.2 69.4





#49

1,4-Dioxane

Concen: 463.364 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

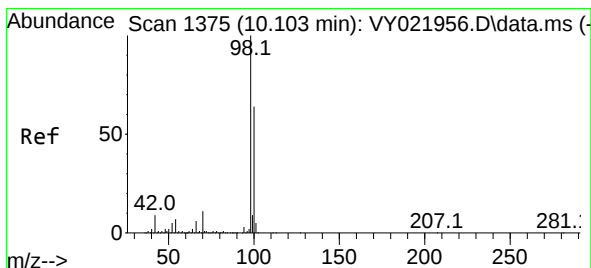
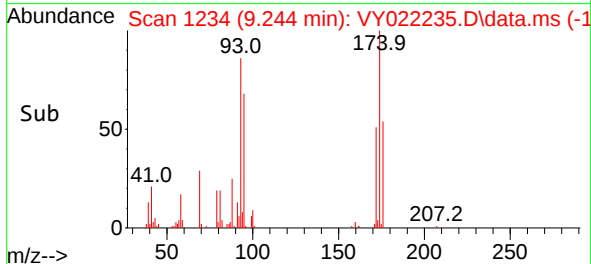
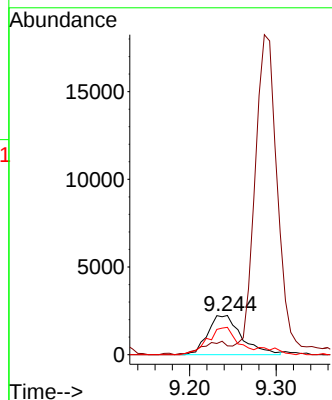
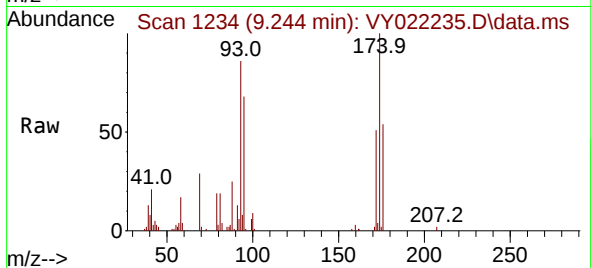
Tgt Ion: 88 Resp: 6044

Ion Ratio Lower Upper

88 100

43 27.8 21.3 31.9

58 61.4 50.5 75.7



#50

Toluene-d8

Concen: 54.271 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022235.D

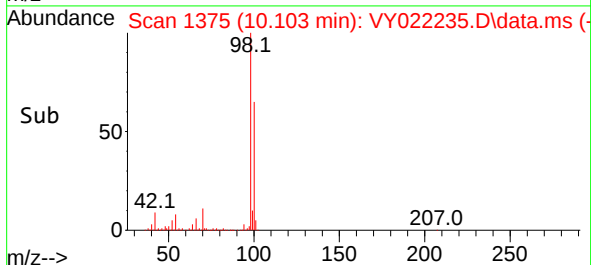
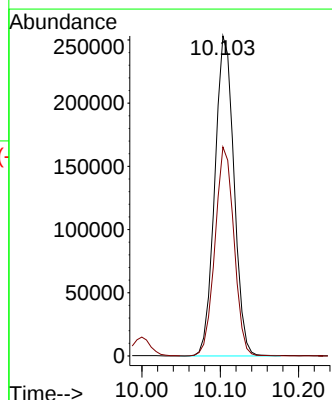
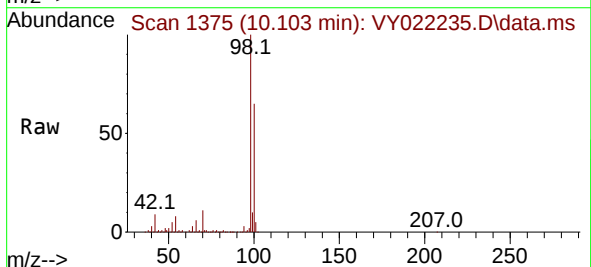
Acq: 13 May 2025 11:41

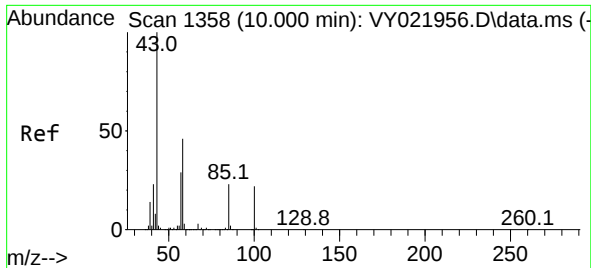
Tgt Ion: 98 Resp: 430753

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

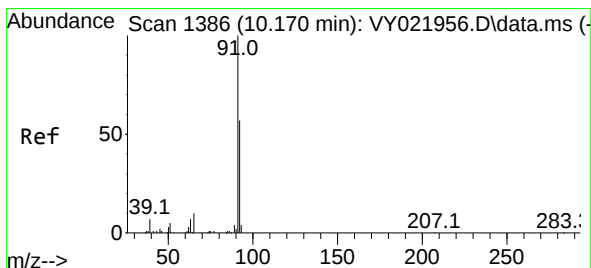
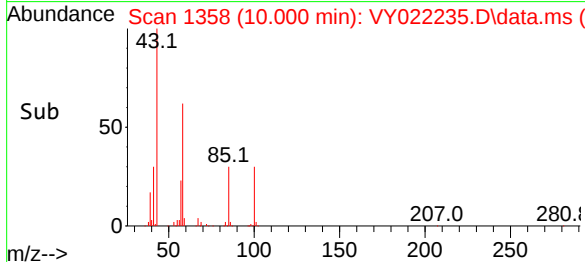
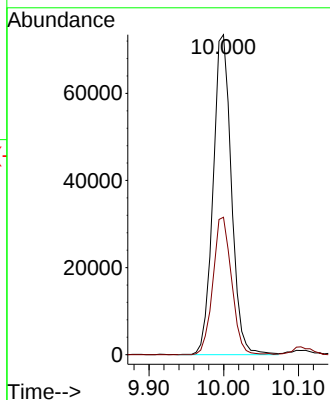
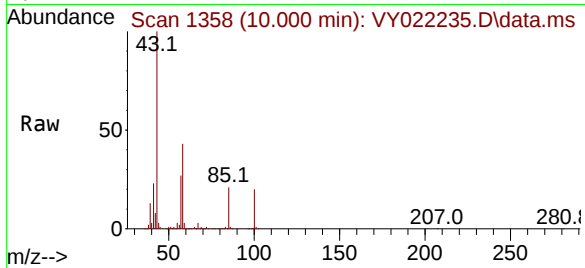




#51
4-Methyl-2-Pentanone
Concen: 122.176 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

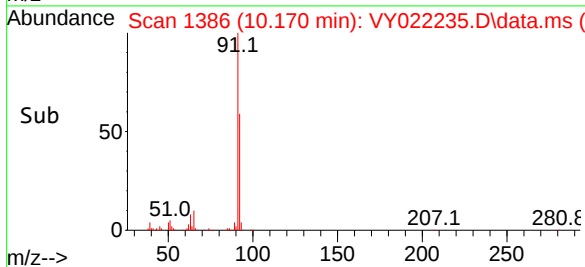
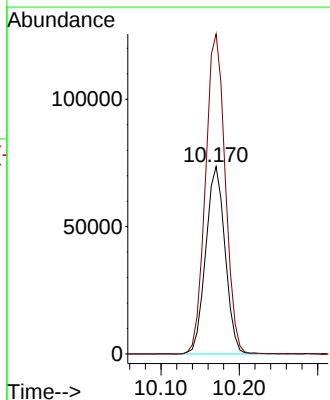
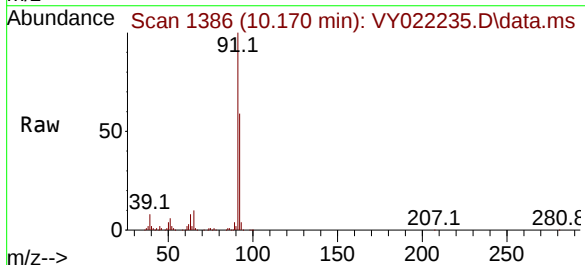
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

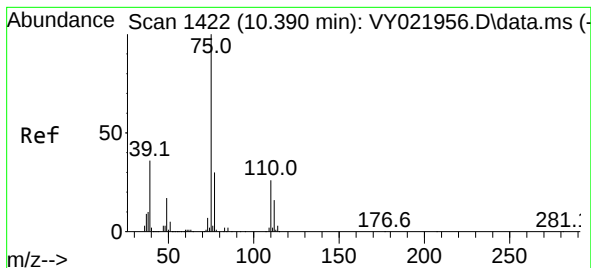
Tgt Ion: 43 Resp: 124925
Ion Ratio Lower Upper
43 100
58 43.9 36.6 55.0



#52
Toluene
Concen: 22.014 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 92 Resp: 125975
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8

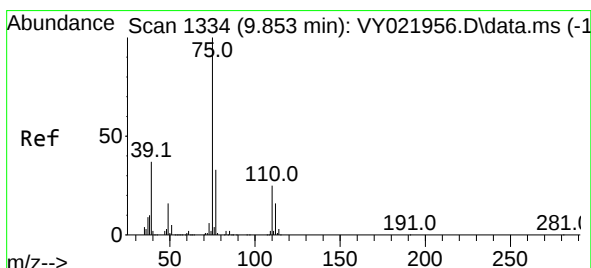
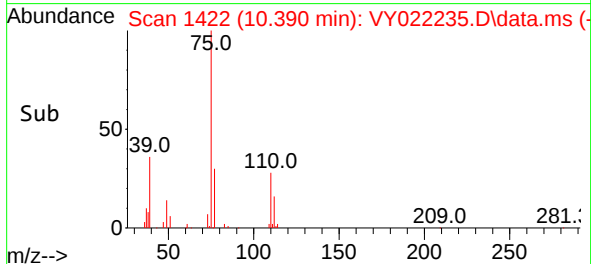
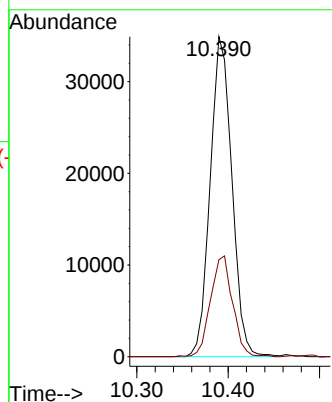
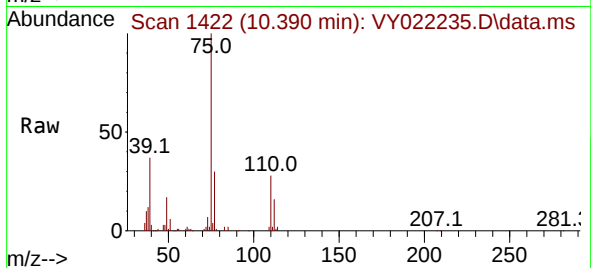




#53
t-1,3-Dichloropropene
Concen: 21.971 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

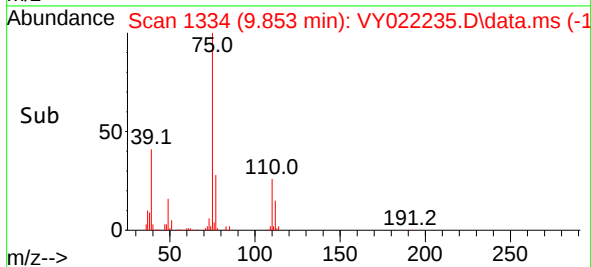
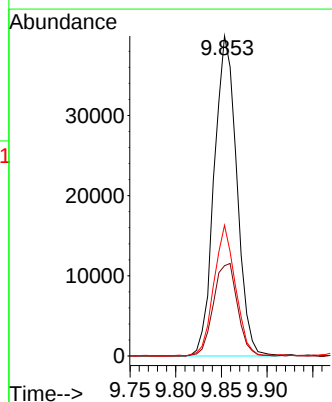
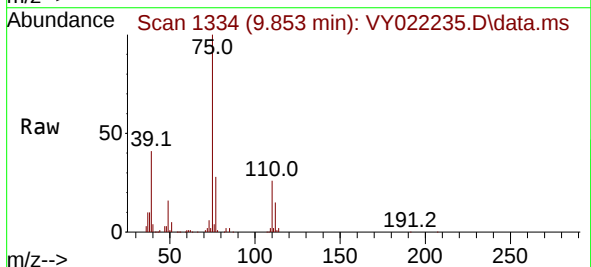
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

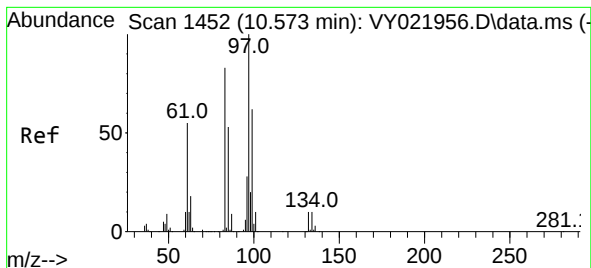
Tgt Ion: 75 Resp: 57615
Ion Ratio Lower Upper
75 100
77 30.3 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 21.998 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 75 Resp: 68572
Ion Ratio Lower Upper
75 100
77 28.2 26.6 40.0
39 40.6 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 23.079 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

Tgt Ion: 97 Resp: 37727

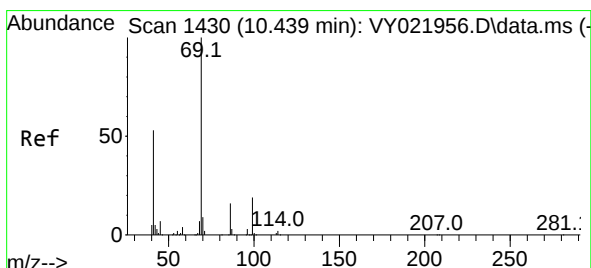
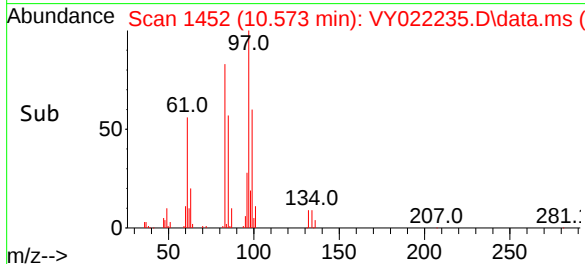
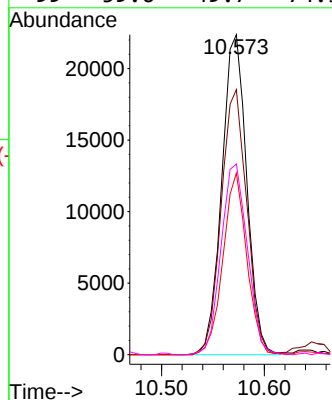
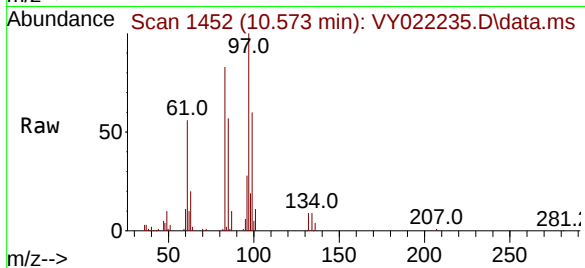
Ion Ratio Lower Upper

97 100

83 82.9 66.7 100.1

85 56.7 42.6 64.0

99 59.6 49.7 74.5



#56

Ethyl methacrylate

Concen: 21.523 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

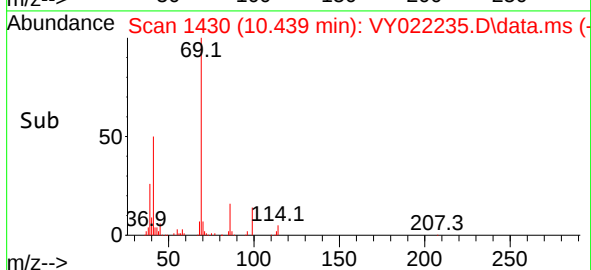
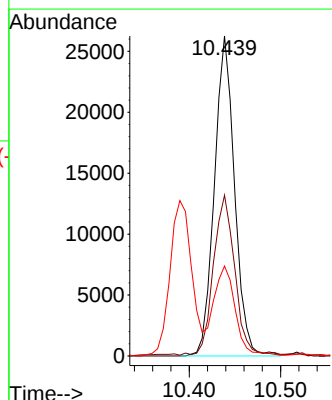
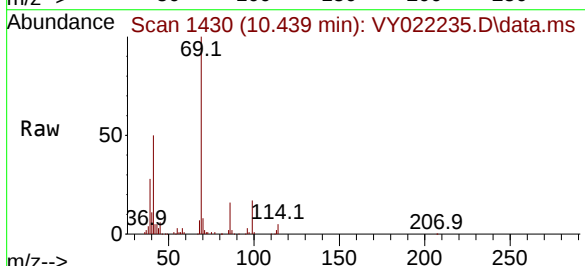
Tgt Ion: 69 Resp: 40235

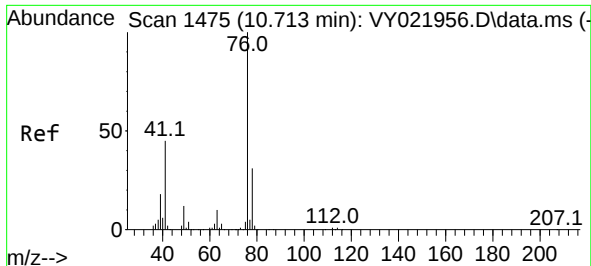
Ion Ratio Lower Upper

69 100

41 52.8 40.7 61.1

39 30.1 23.3 34.9





#57

1,3-Dichloropropane

Concen: 23.283 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

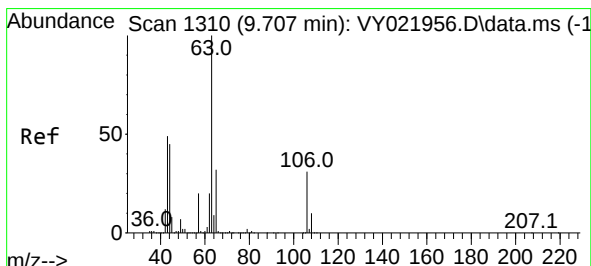
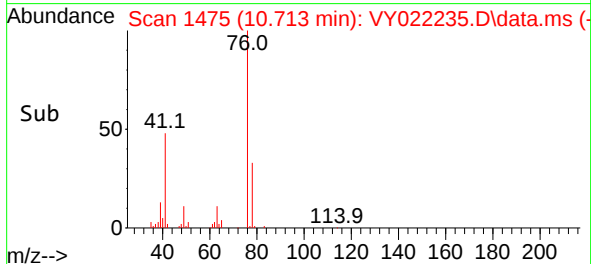
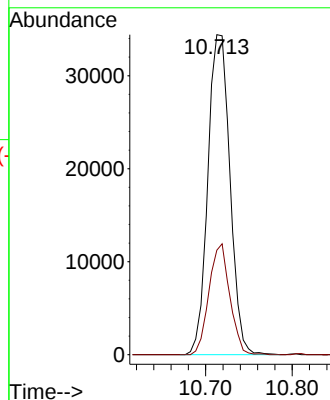
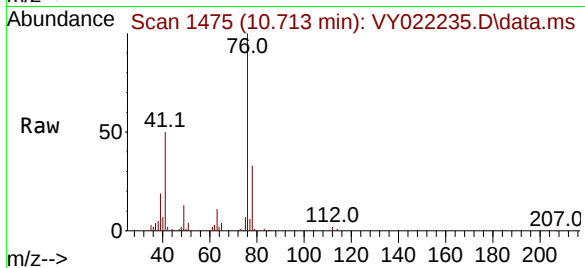
VY0513SBS01

Tgt Ion: 76 Resp: 61017

Ion Ratio Lower Upper

76 100

78 32.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.523 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022235.D

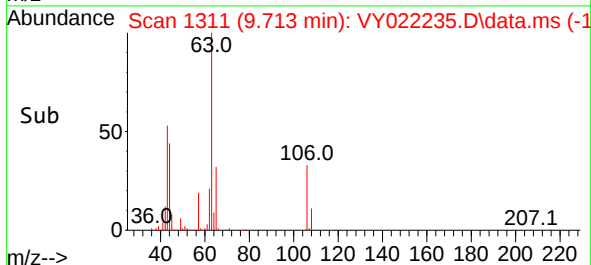
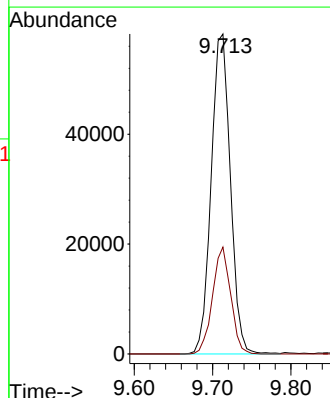
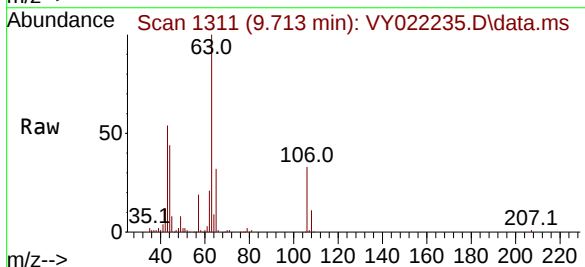
Acq: 13 May 2025 11:41

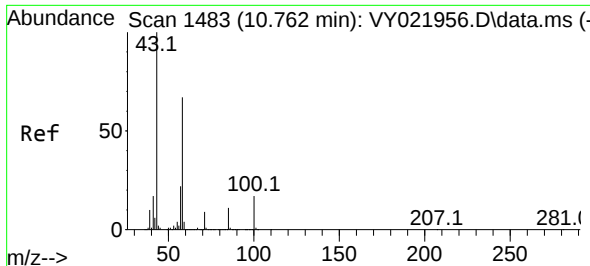
Tgt Ion: 63 Resp: 99191

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9

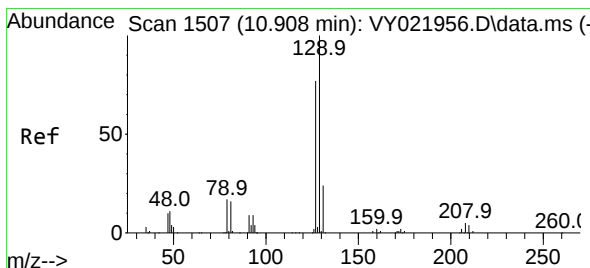
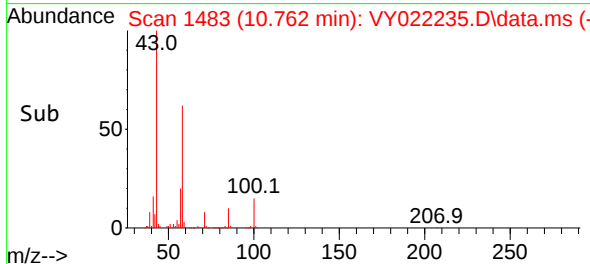
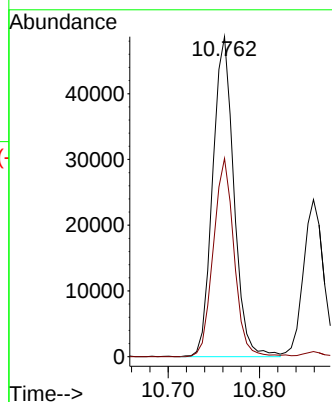
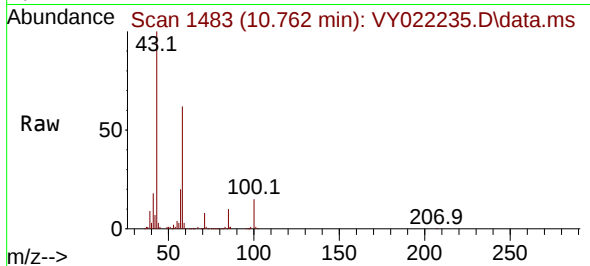




#59
2-Hexanone
Concen: 116.329 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

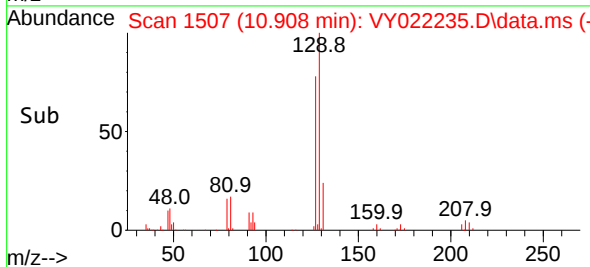
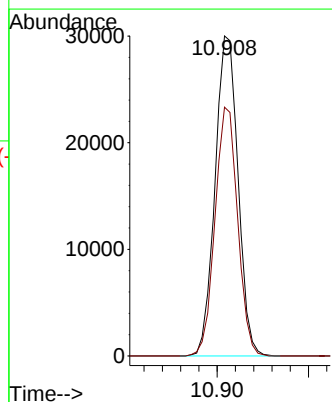
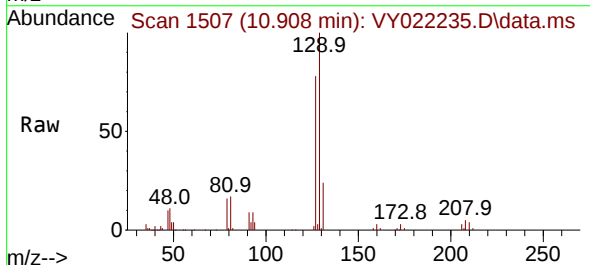
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

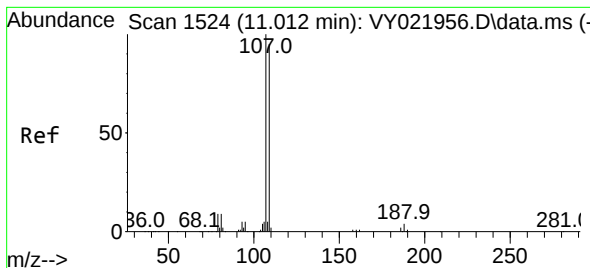
Tgt Ion: 43 Resp: 78455
Ion Ratio Lower Upper
43 100
58 60.7 32.0 96.0



#60
Dibromochloromethane
Concen: 23.176 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 129 Resp: 52453
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

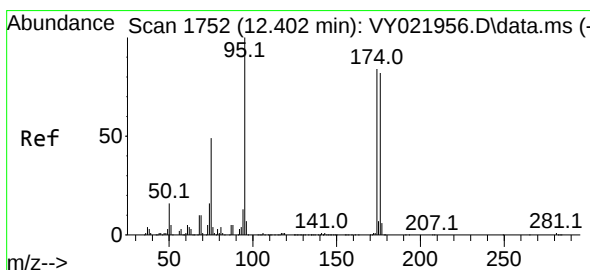
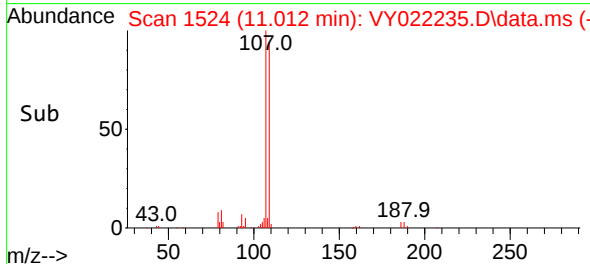
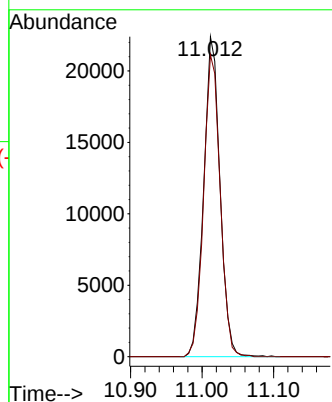
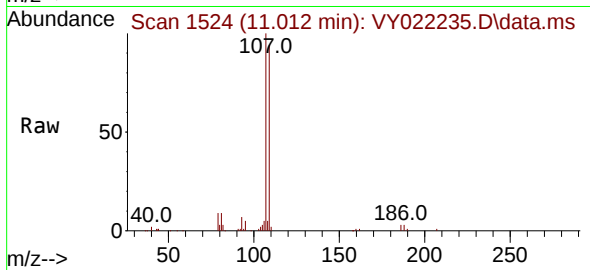




#61
1,2-Dibromoethane
Concen: 23.008 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

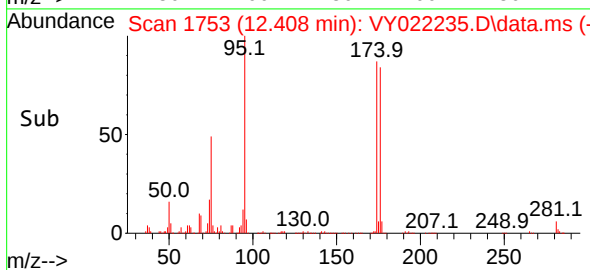
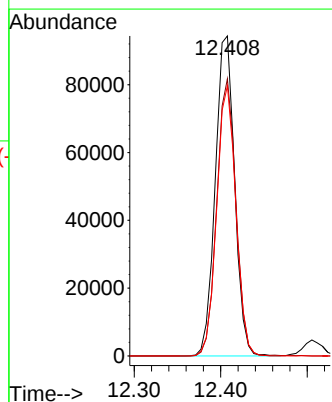
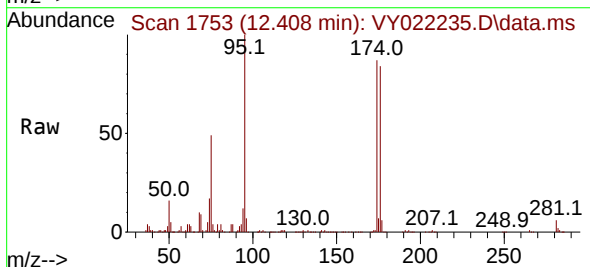
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

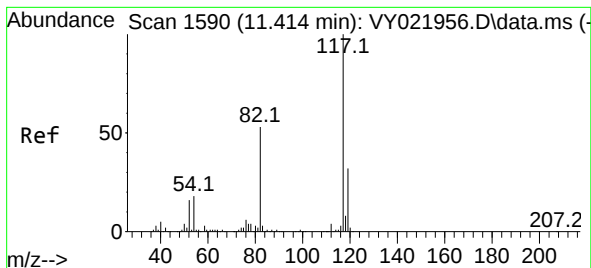
Tgt Ion:107 Resp: 35508
Ion Ratio Lower Upper
107 100
109 95.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 54.803 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 95 Resp: 146430
Ion Ratio Lower Upper
95 100
174 85.5 0.0 179.0
176 83.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

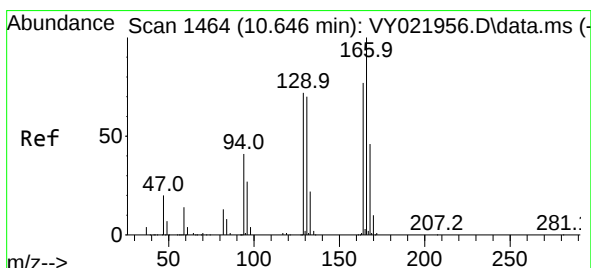
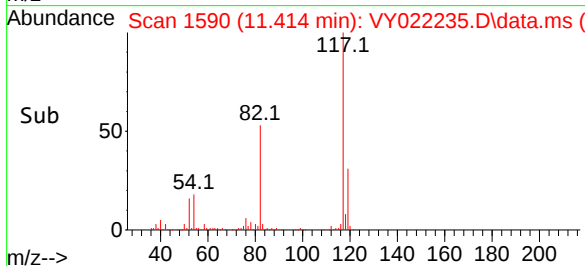
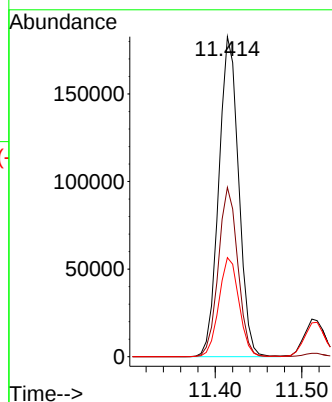
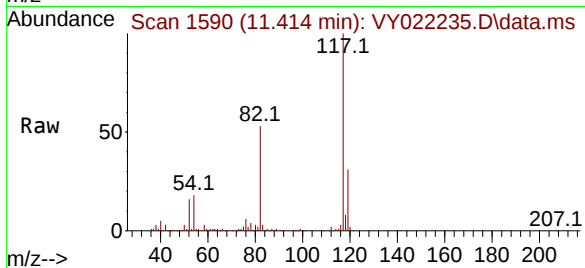
Tgt Ion:117 Resp: 291176

Ion Ratio Lower Upper

117 100

82 52.9 42.1 63.1

119 30.9 25.7 38.5



#64

Tetrachloroethene

Concen: 20.997 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Tgt Ion:164 Resp: 57676

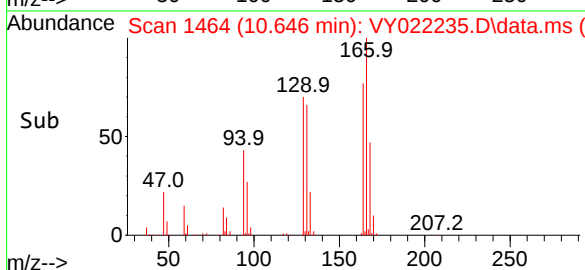
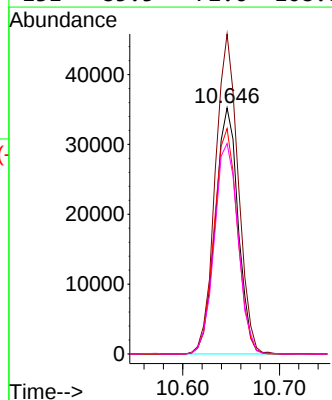
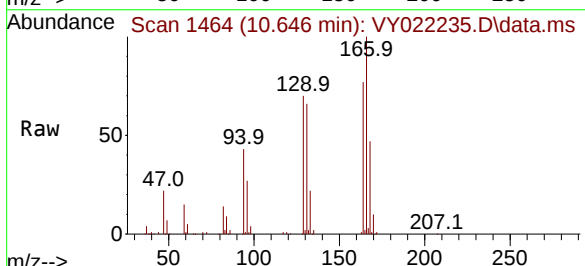
Ion Ratio Lower Upper

164 100

166 130.0 103.6 155.4

129 91.6 74.2 111.4

131 85.5 72.6 108.8

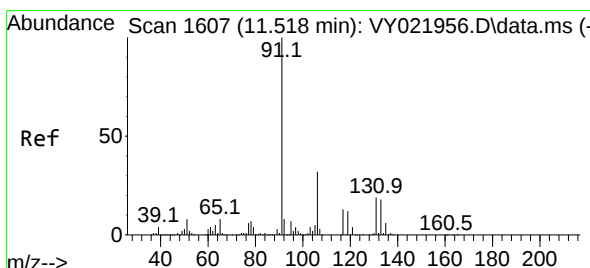
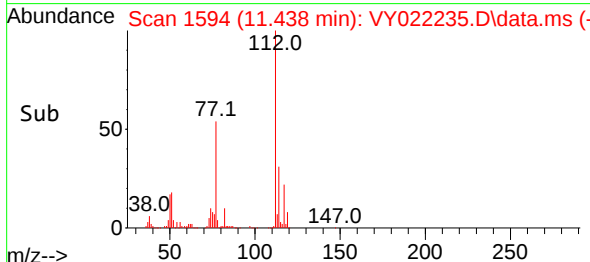
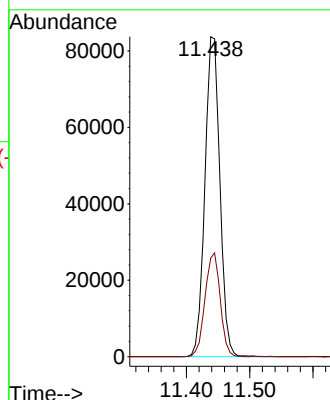
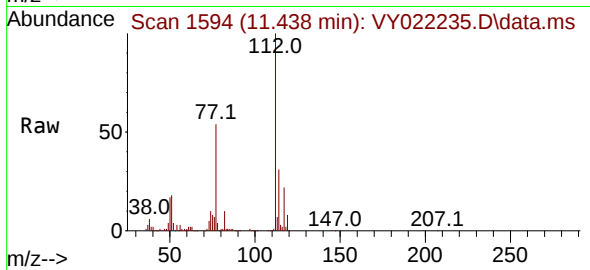




#65
Chlorobenzene
Concen: 21.190 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

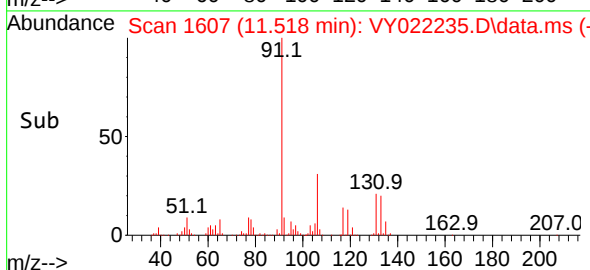
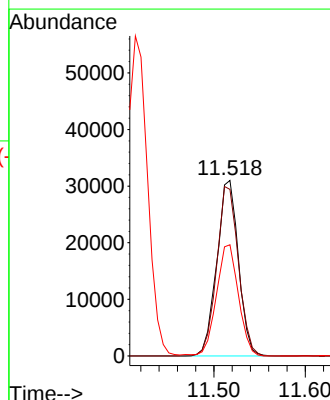
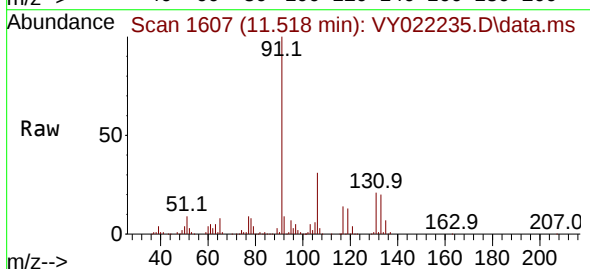
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

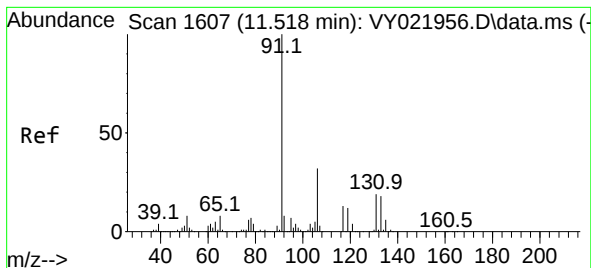
Tgt Ion:112 Resp: 137979
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.238 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion:131 Resp: 50979
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 64.4 32.4 97.0





#67

Ethyl Benzene

Concen: 20.973 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

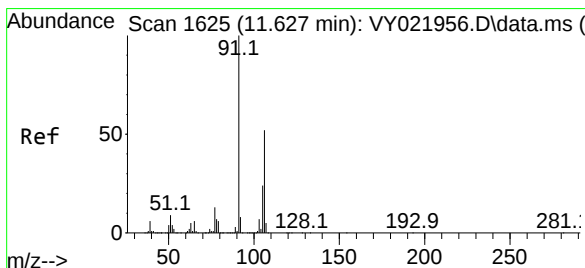
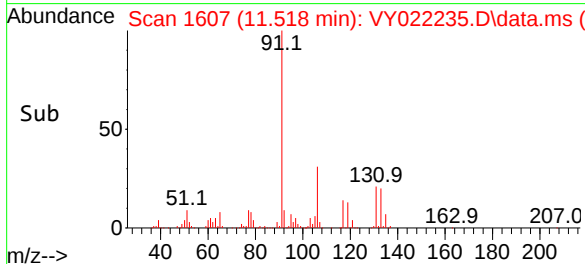
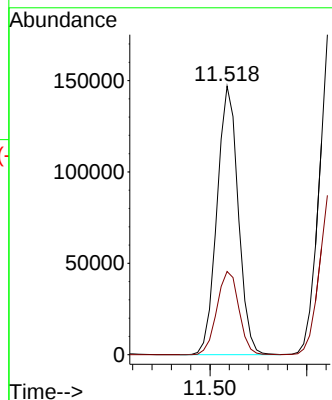
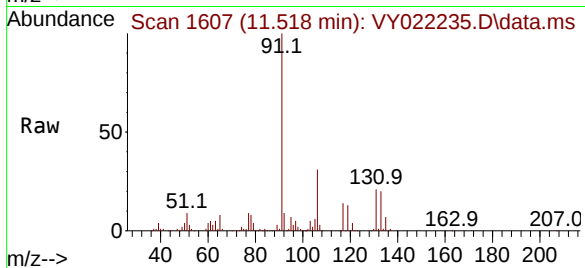
VY0513SBS01

Tgt Ion: 91 Resp: 223400

Ion Ratio Lower Upper

91 100

106 31.0 25.9 38.9



#68

m/p-Xylenes

Concen: 42.973 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022235.D

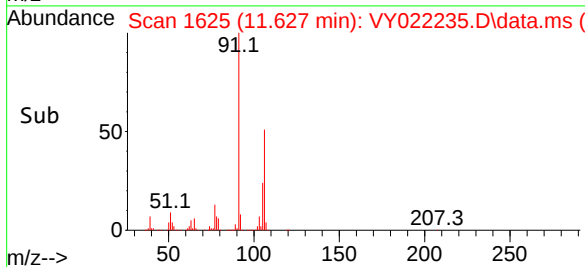
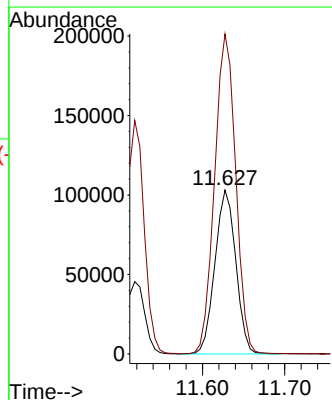
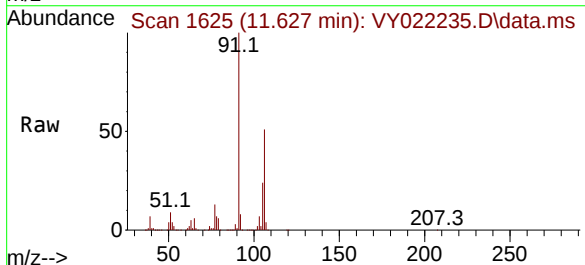
Acq: 13 May 2025 11:41

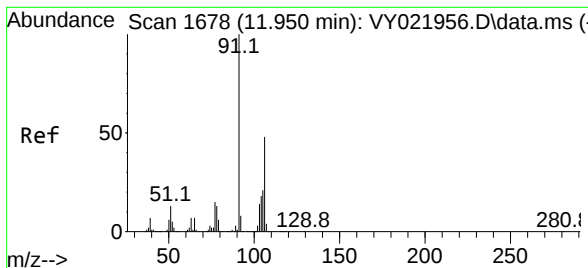
Tgt Ion: 106 Resp: 182141

Ion Ratio Lower Upper

106 100

91 197.6 156.2 234.2

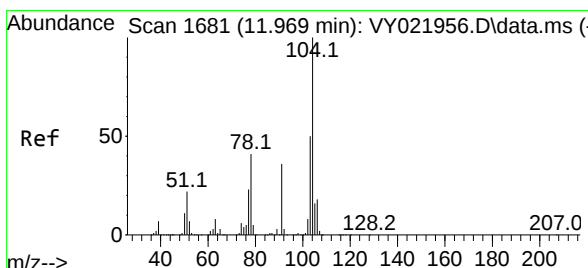
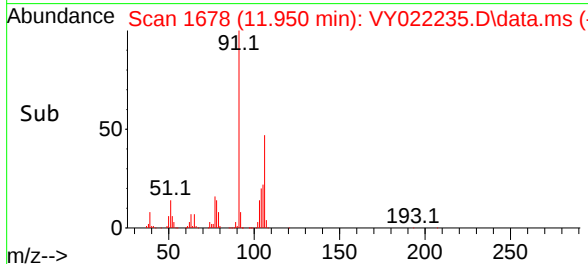
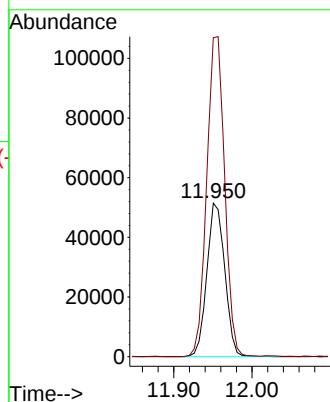
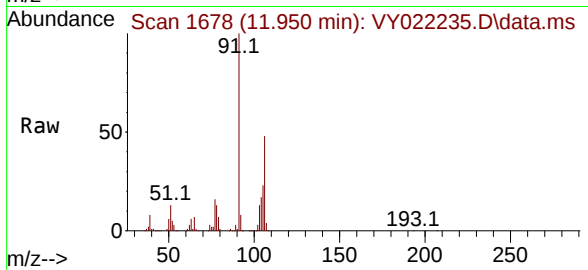




#69
o-Xylene
Concen: 20.860 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

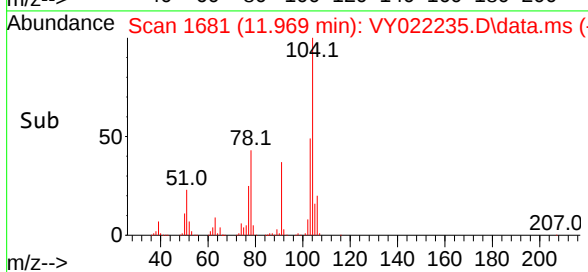
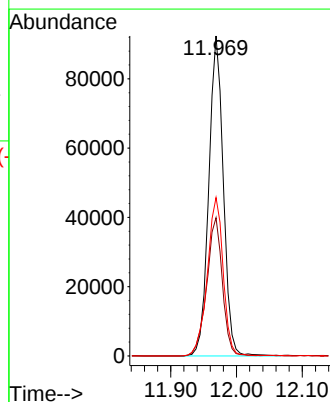
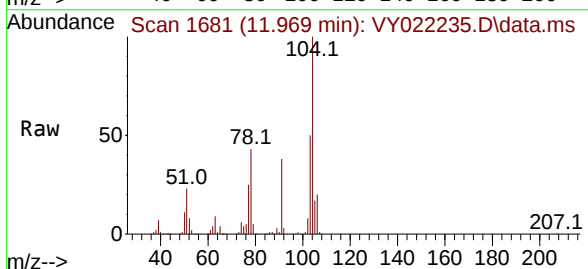
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

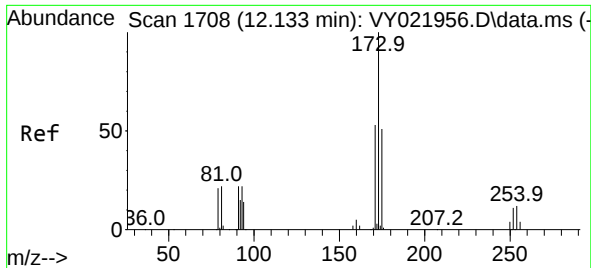
Tgt Ion:106 Resp: 81490
Ion Ratio Lower Upper
106 100
91 209.2 103.0 308.9



#70
Styrene
Concen: 21.707 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion:104 Resp: 142382
Ion Ratio Lower Upper
104 100
78 46.4 36.6 54.8
103 53.9 43.8 65.8

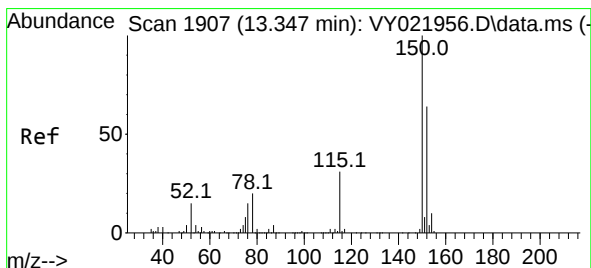
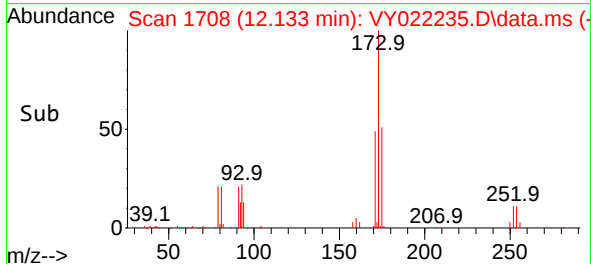
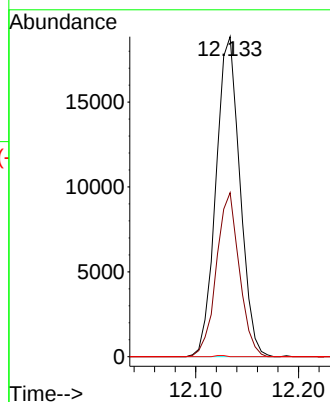
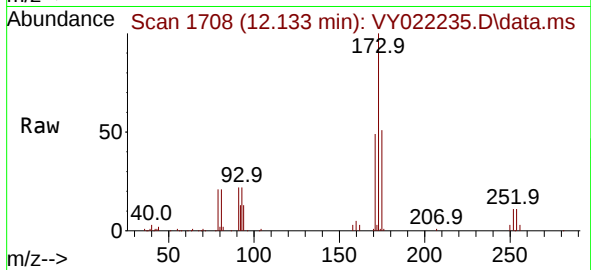




#71
Bromoform
Concen: 22.875 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

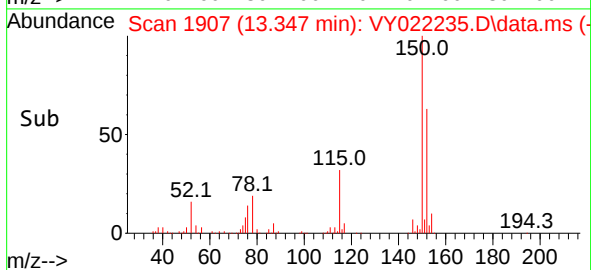
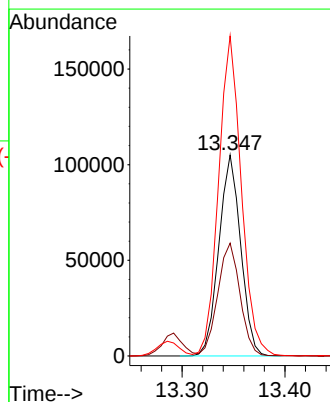
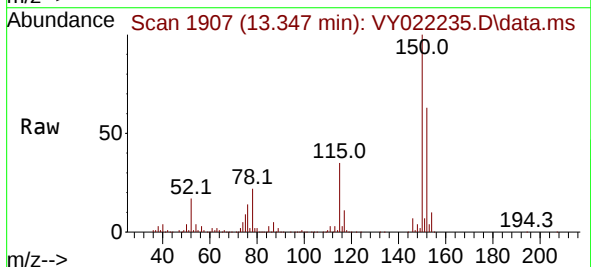
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

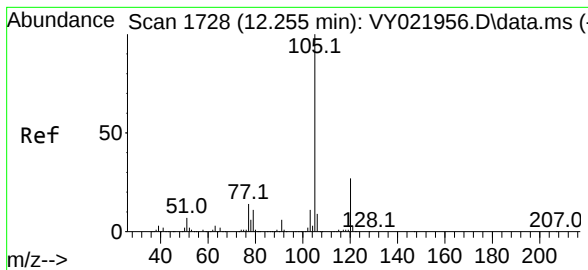
Tgt Ion:173 Resp: 30487
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion:152 Resp: 154852
Ion Ratio Lower Upper
152 100
115 57.3 28.0 84.0
150 165.7 0.0 345.6





#73

Isopropylbenzene

Concen: 20.914 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

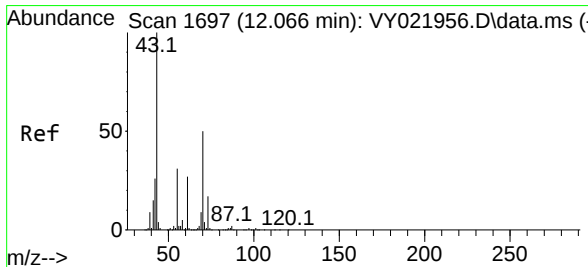
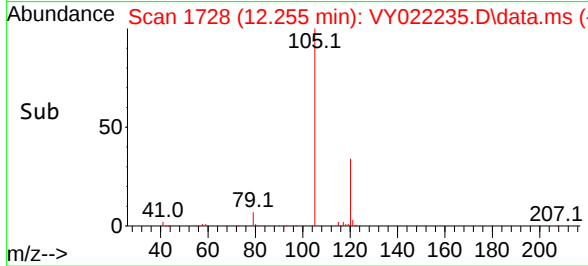
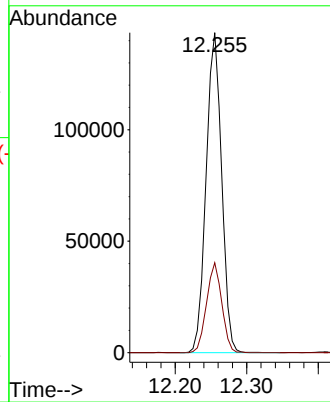
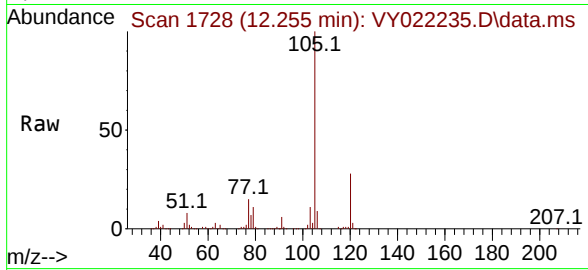
VY0513SBS01

Tgt Ion:105 Resp: 216371

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 22.009 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Tgt Ion: 43 Resp: 39121

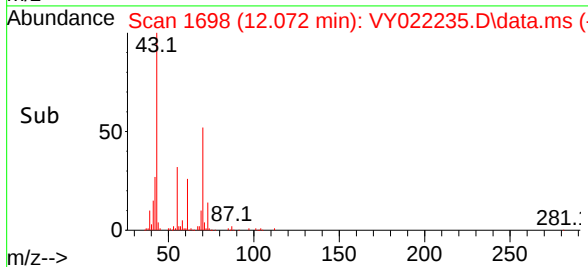
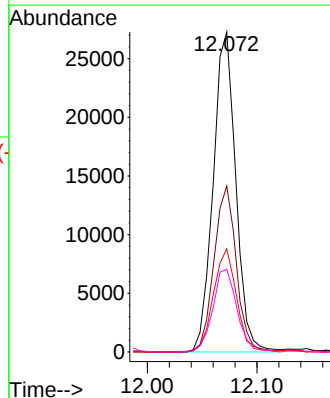
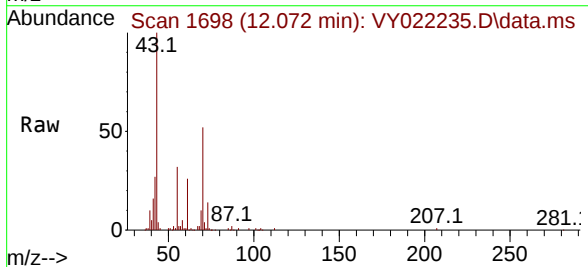
Ion Ratio Lower Upper

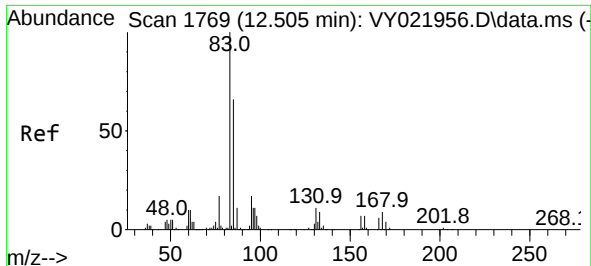
43 100

70 51.1 43.2 64.8

55 33.2 25.7 38.5

61 27.4 23.0 34.6

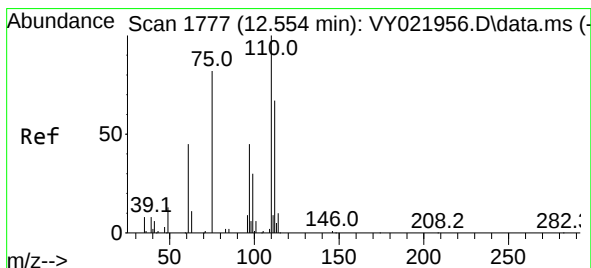
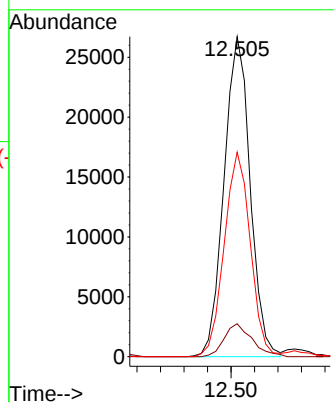
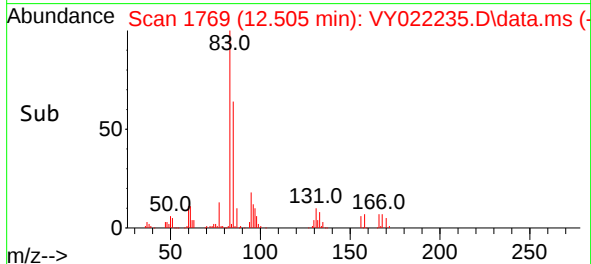
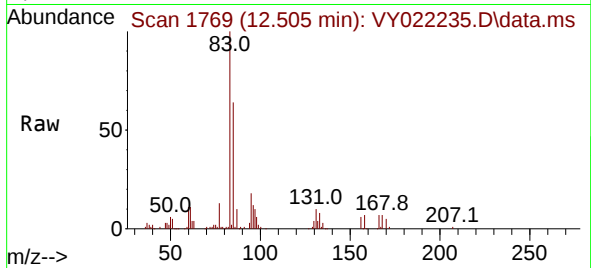




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.654 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

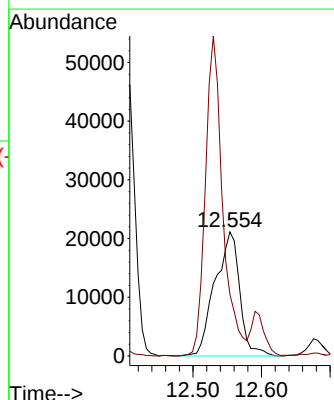
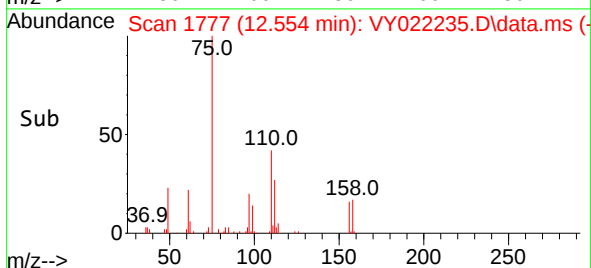
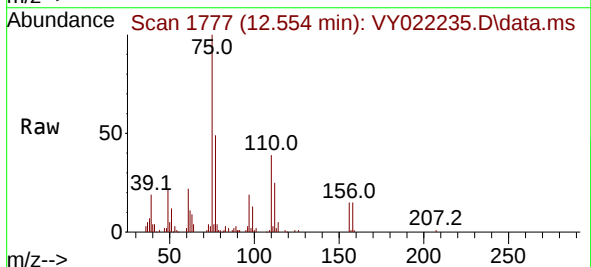
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

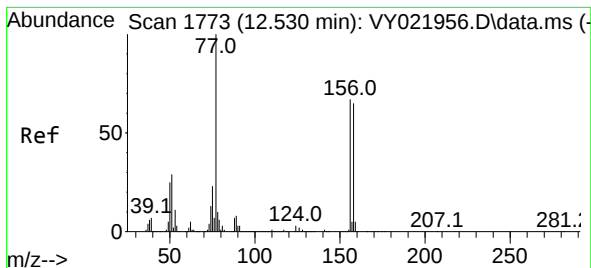
Tgt Ion: 83 Resp: 41259
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.5 16.4
 85 63.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 39.893 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

Tgt Ion: 75 Resp: 52914
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.127 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

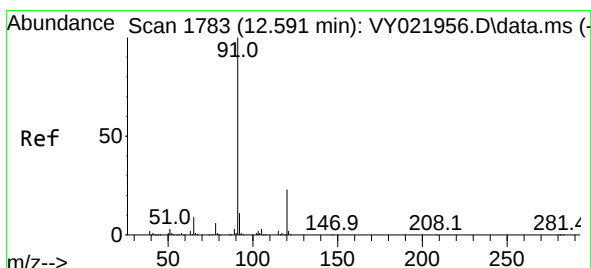
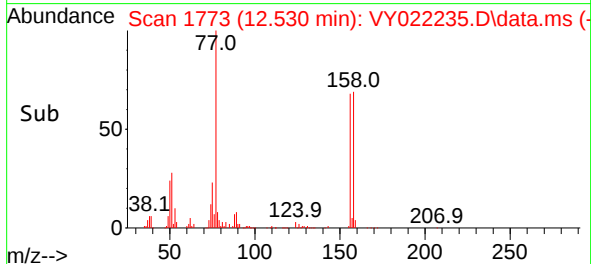
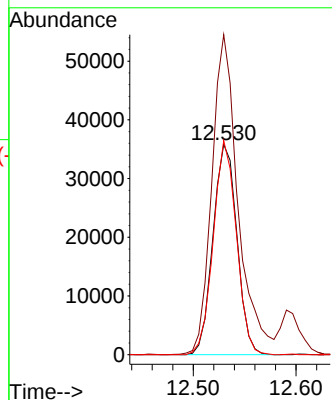
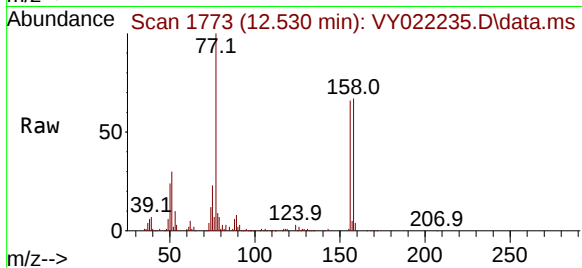
Tgt Ion:156 Resp: 57844

Ion Ratio Lower Upper

156 100

77 167.0 82.7 248.1

158 98.4 48.1 144.4



#78

n-propylbenzene

Concen: 21.611 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022235.D

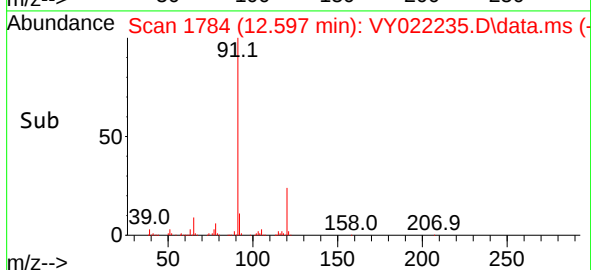
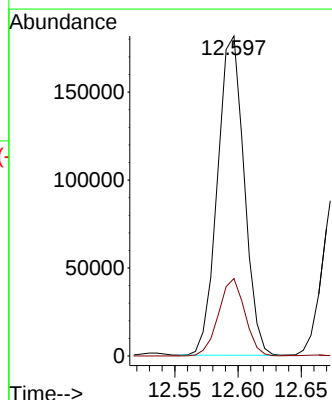
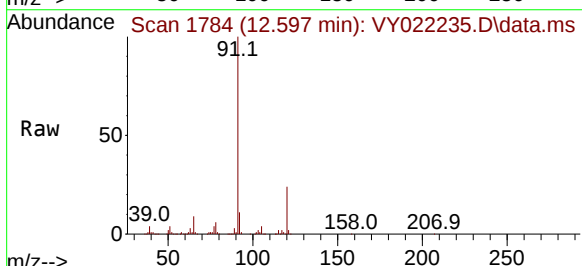
Acq: 13 May 2025 11:41

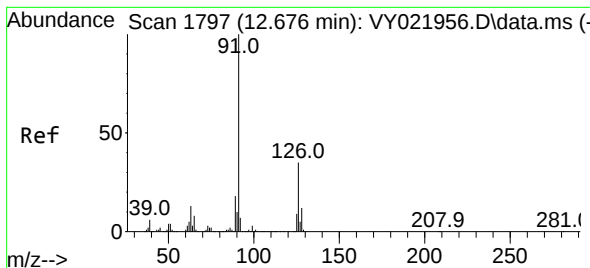
Tgt Ion: 91 Resp: 266261

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5

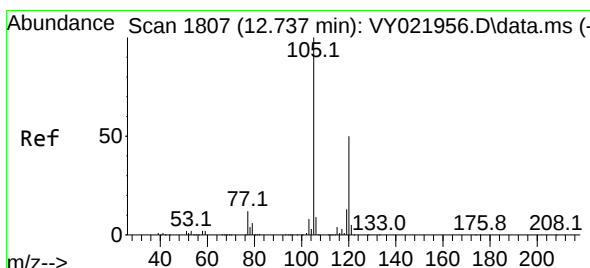
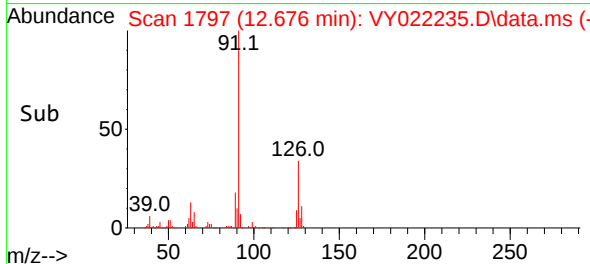
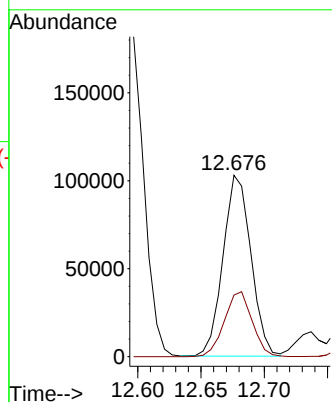
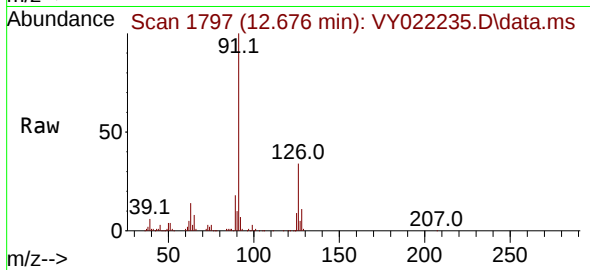




#79
2-Chlorotoluene
Concen: 22.084 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

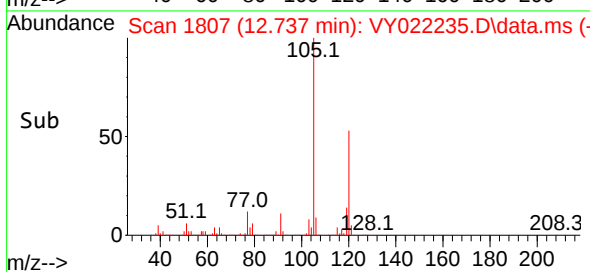
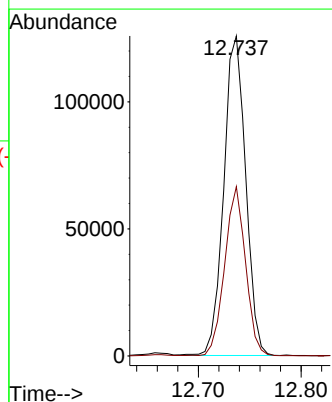
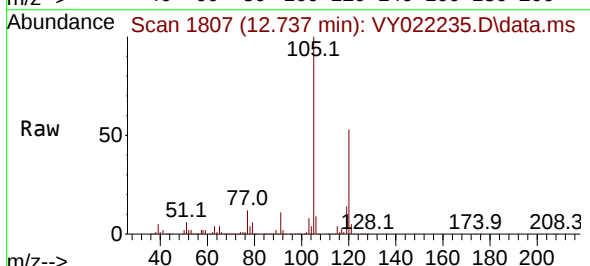
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

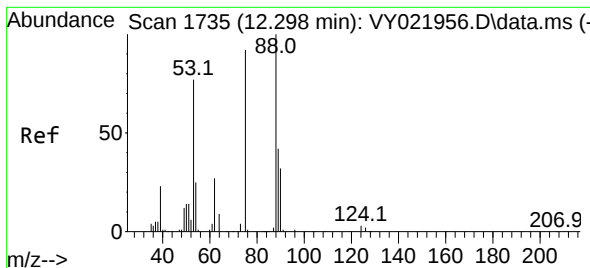
Tgt Ion: 91 Resp: 158236
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 21.795 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 105 Resp: 185785
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0

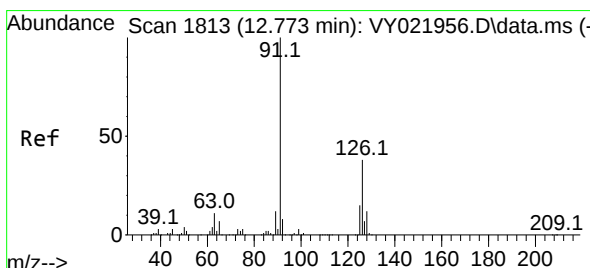
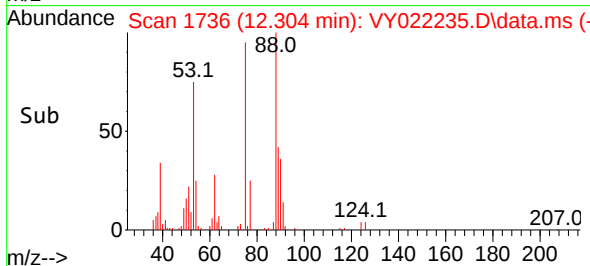
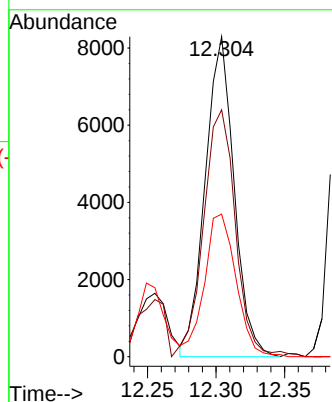
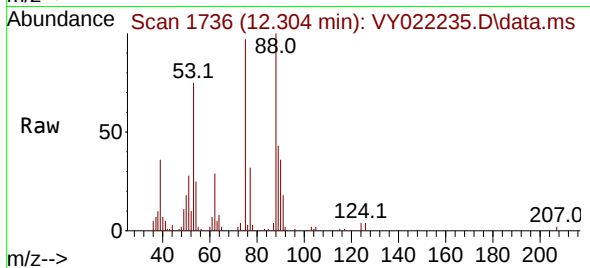




#81
trans-1,4-Dichloro-2-butene
Concen: 22.099 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

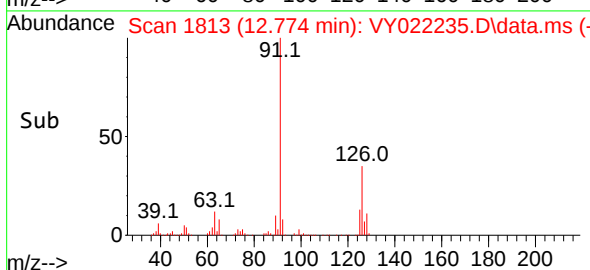
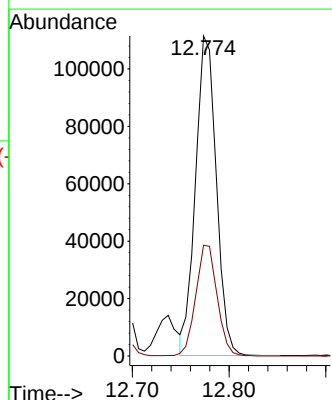
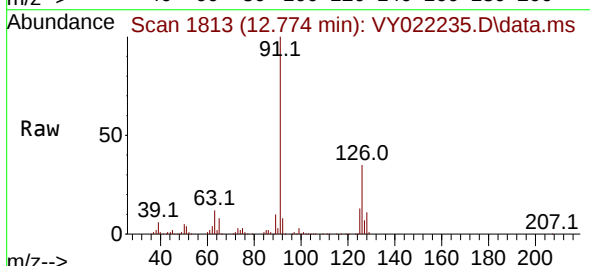
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

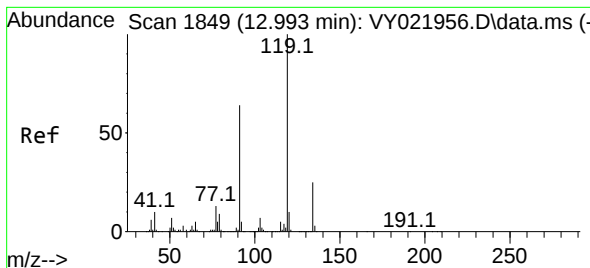
Tgt Ion: 75 Resp: 12172
Ion Ratio Lower Upper
75 100
53 85.2 66.0 99.0
89 48.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 22.373 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 91 Resp: 166643
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 21.411 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

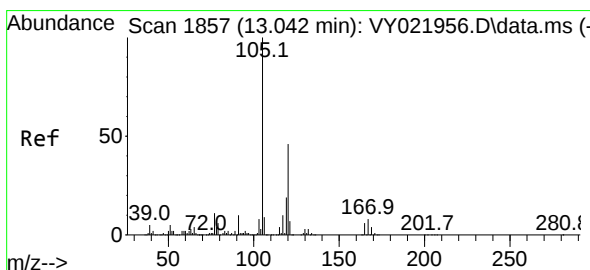
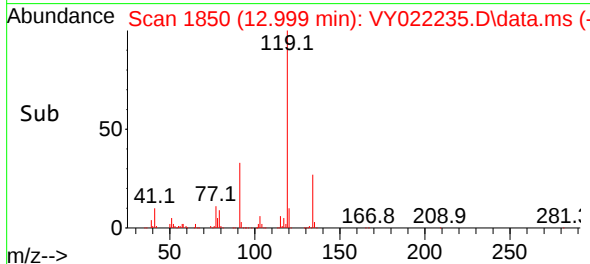
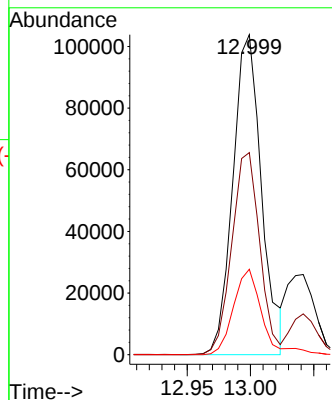
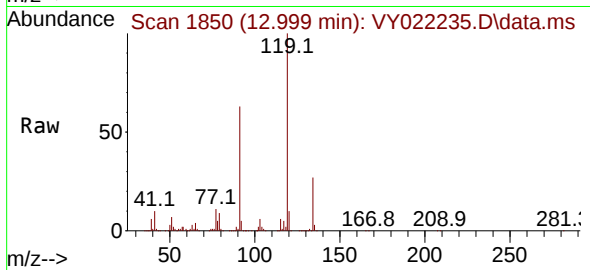
Tgt Ion:119 Resp: 163686

Ion Ratio Lower Upper

119 100

91 61.6 30.3 90.9

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 22.056 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022235.D

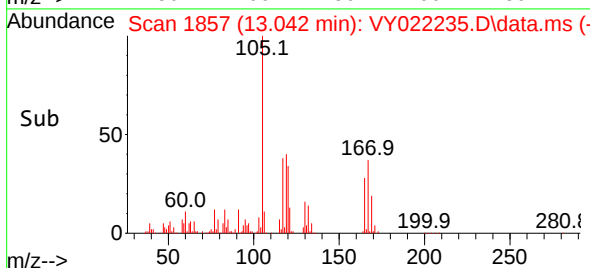
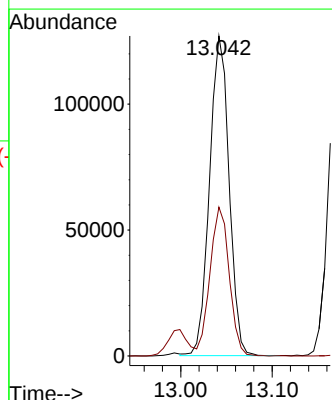
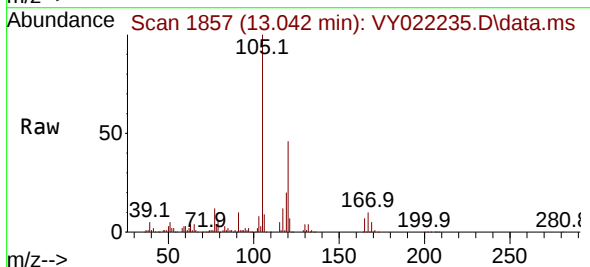
Acq: 13 May 2025 11:41

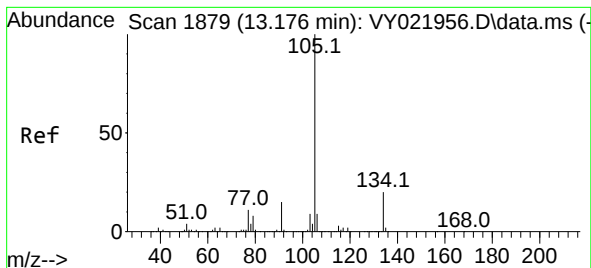
Tgt Ion:105 Resp: 188054

Ion Ratio Lower Upper

105 100

120 45.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 21.732 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

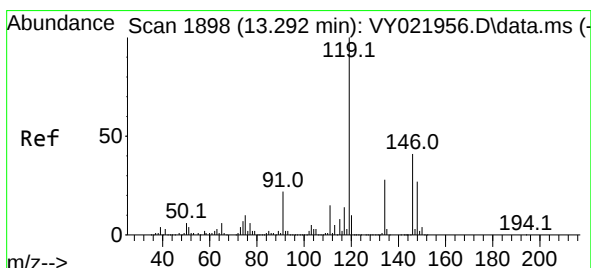
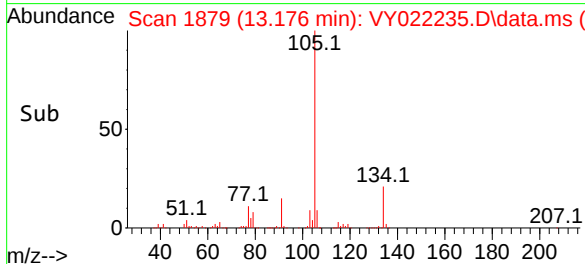
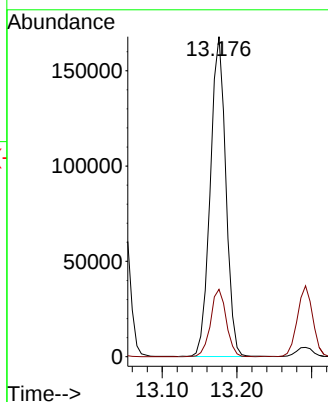
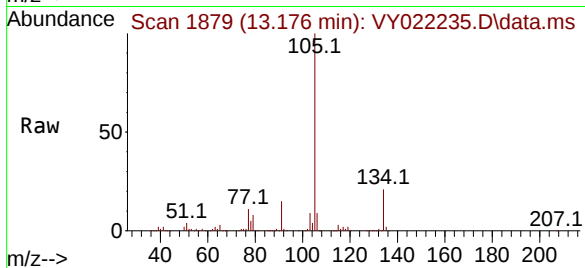
VY0513SBS01

Tgt Ion:105 Resp: 243116

Ion Ratio Lower Upper

105 100

134 21.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 21.301 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

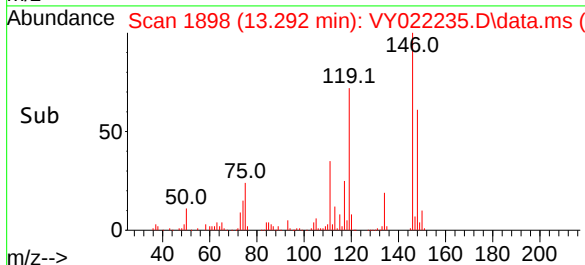
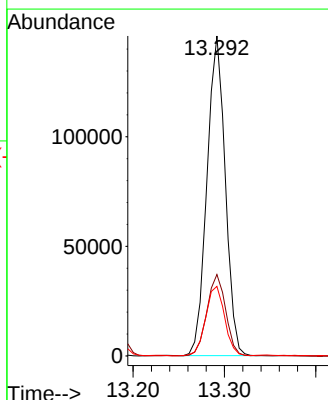
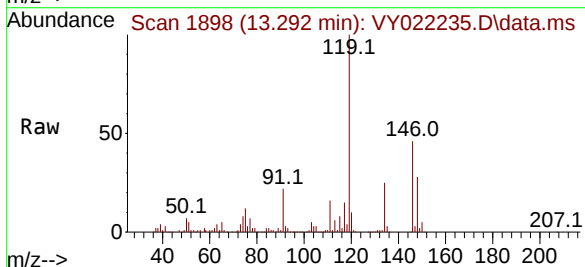
Tgt Ion:119 Resp: 202352

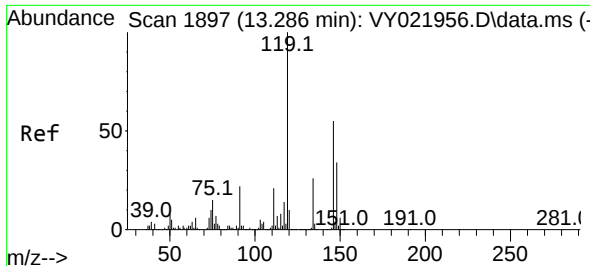
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 22.5 11.0 33.0

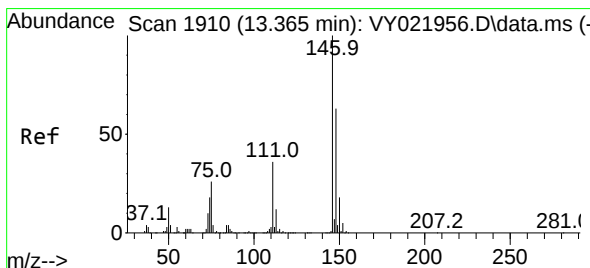
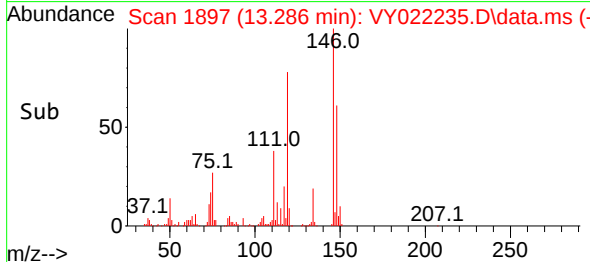
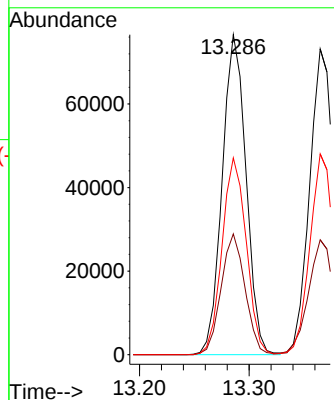
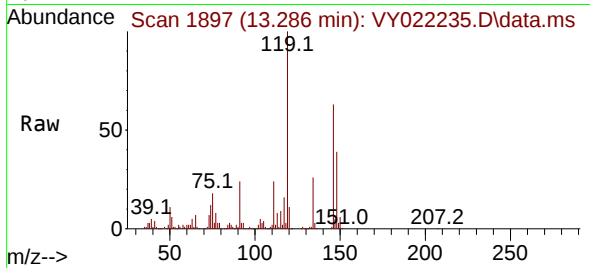




#87
 1,3-Dichlorobenzene
 Concen: 21.815 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

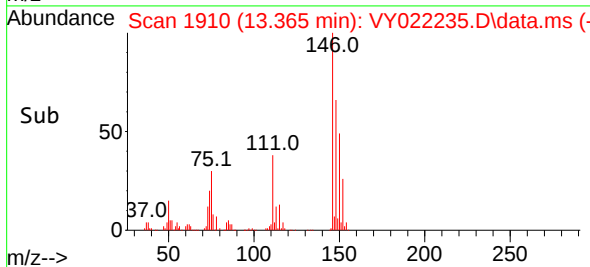
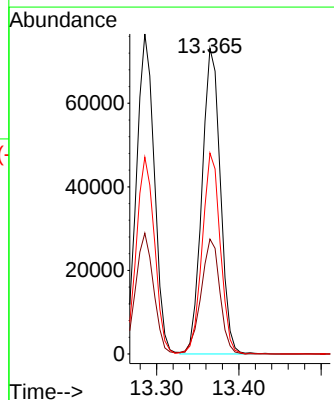
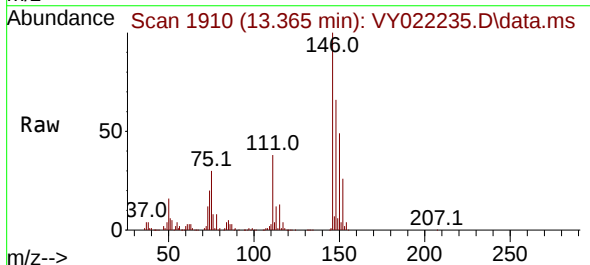
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

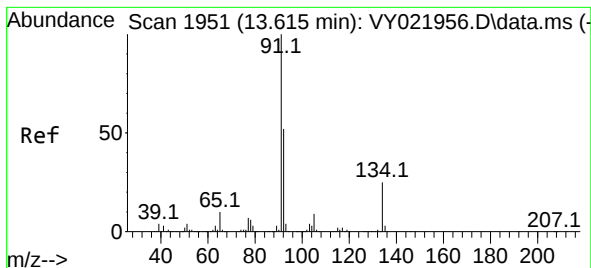
Tgt Ion:146 Resp: 115831
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.5
 148 62.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.622 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

Tgt Ion:146 Resp: 113700
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.2 57.6
 148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 20.833 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

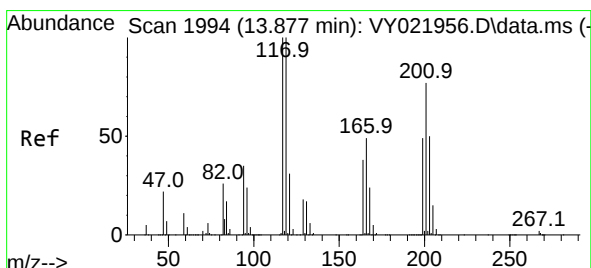
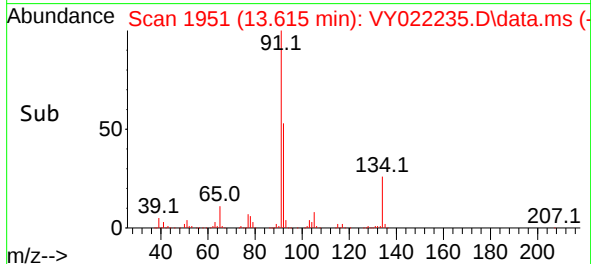
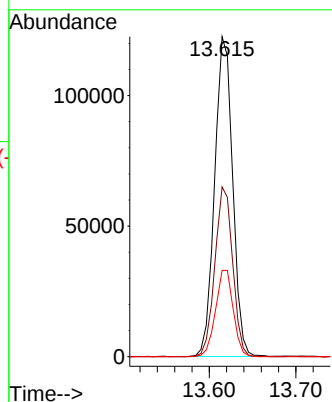
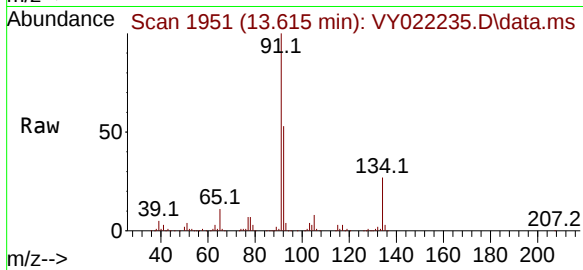
Tgt Ion: 91 Resp: 176888

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 26.6 13.4 40.1



#90

Hexachloroethane

Concen: 21.495 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022235.D

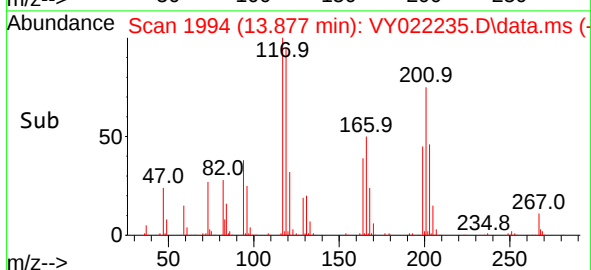
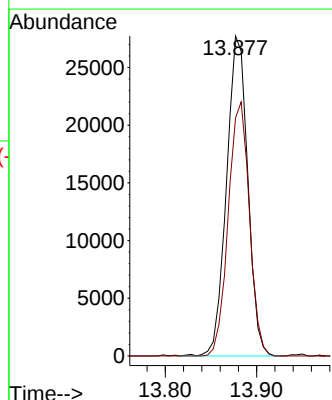
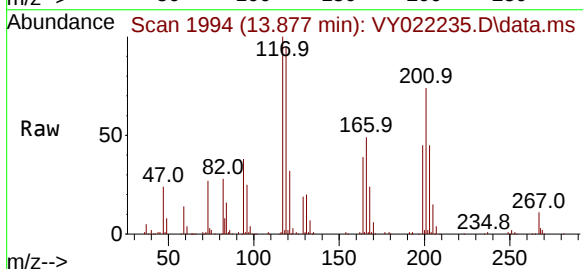
Acq: 13 May 2025 11:41

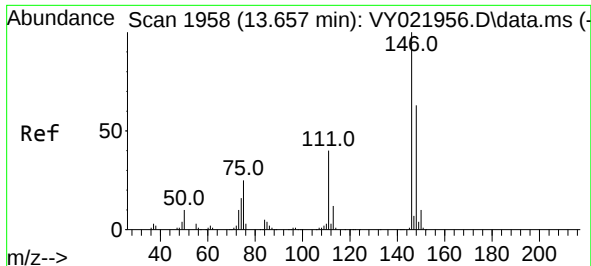
Tgt Ion: 117 Resp: 44862

Ion Ratio Lower Upper

117 100

201 78.7 38.7 116.1

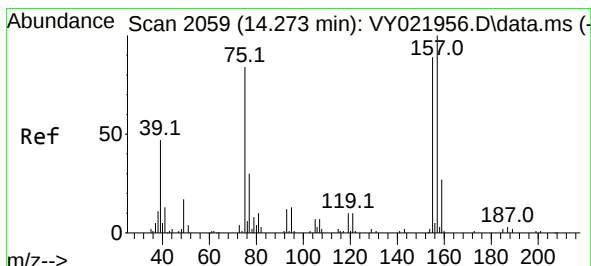
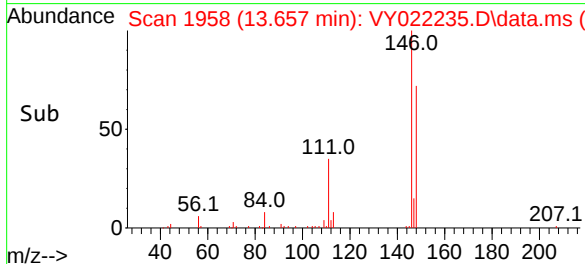
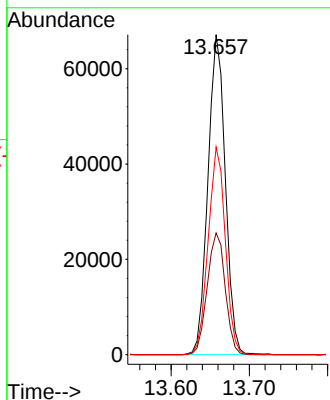
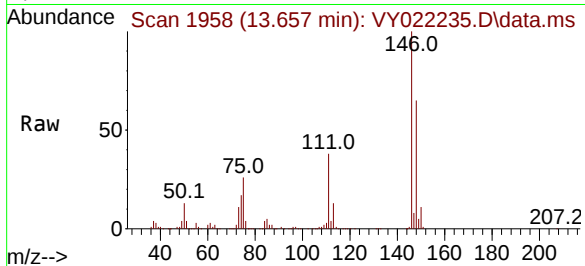




#91
1,2-Dichlorobenzene
Concen: 22.300 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

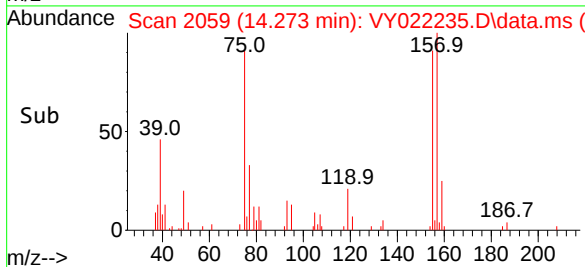
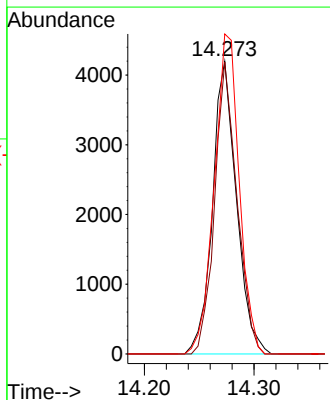
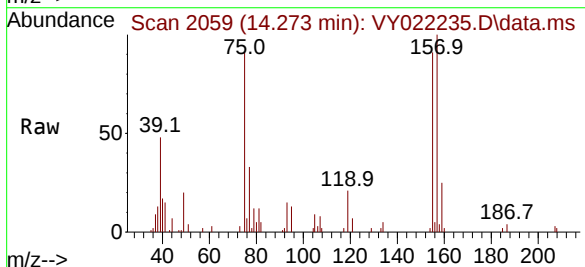
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

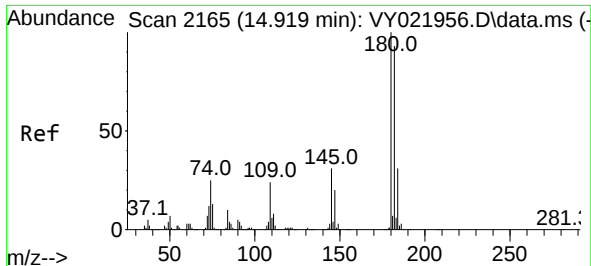
Tgt Ion:146 Resp: 103270
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 64.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.001 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022235.D
Acq: 13 May 2025 11:41

Tgt Ion: 75 Resp: 6383
Ion Ratio Lower Upper
75 100
155 93.1 50.7 152.3
157 113.8 62.6 187.8

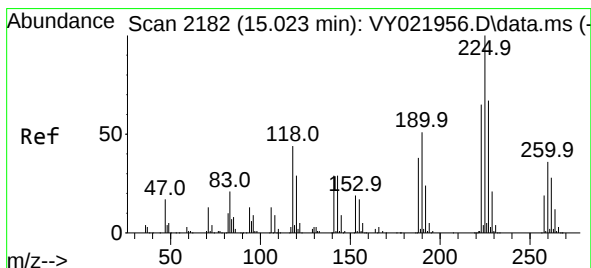
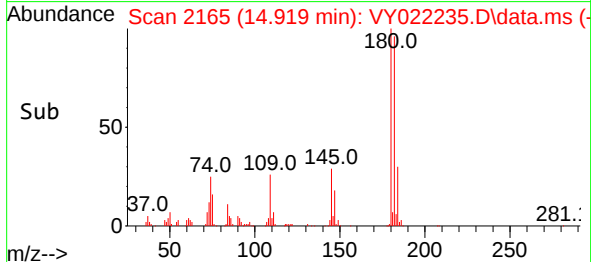
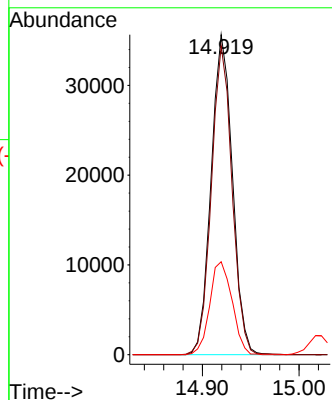
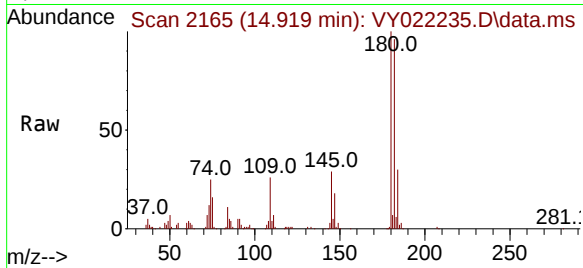




#93
 1,2,4-Trichlorobenzene
 Concen: 20.801 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

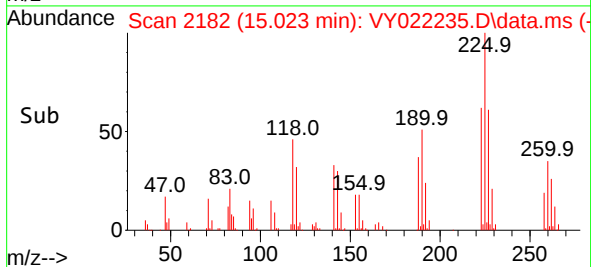
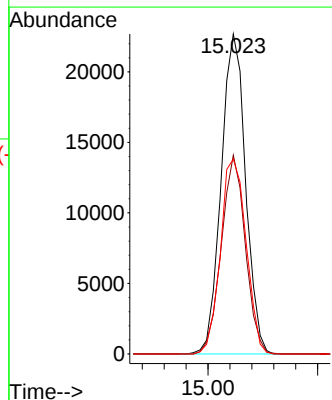
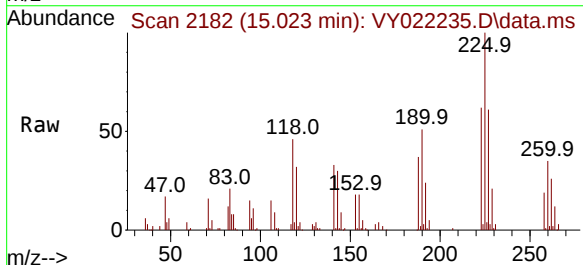
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

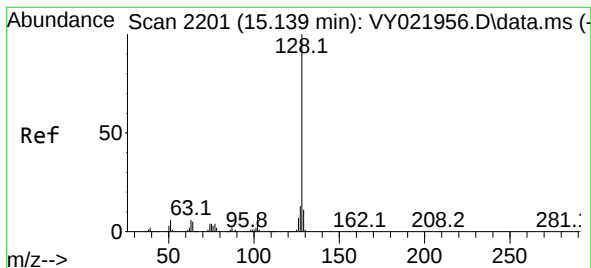
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.4
145	30.4	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 21.696 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY022235.D
 Acq: 13 May 2025 11:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.5
227	63.9	32.3	96.9





#95

Naphthalene

Concen: 20.014 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

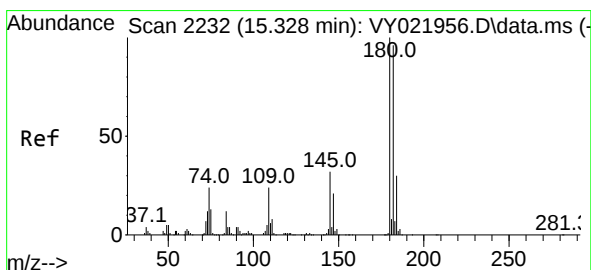
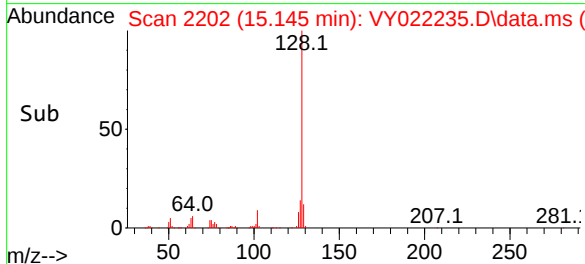
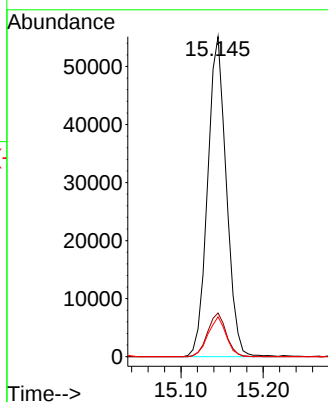
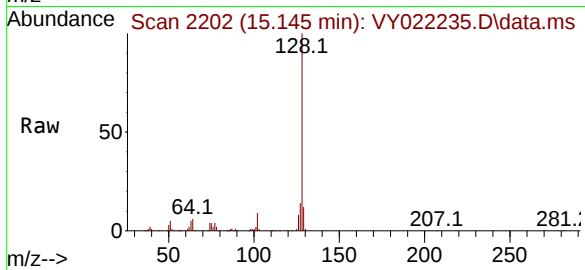
Tgt Ion:128 Resp: 87247

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 12.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.206 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022235.D

Acq: 13 May 2025 11:41

Tgt Ion:180 Resp: 48038

Ion Ratio Lower Upper

180 100

182 96.4 48.1 144.4

145 33.0 16.0 48.0

