

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
 Data File : VY023185.D
 Acq On : 22 Aug 2025 11:43
 Operator : SY/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Quant Time: Aug 25 05:12:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	487169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	762083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	660664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	327653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	211434	45.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.080%
35) Dibromofluoromethane	7.634	113	226126	49.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.103	98	888919	49.899	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.401	95	267969	46.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.866	85	83586	21.020	ug/l	98
3) Chloromethane	2.068	50	130008	20.185	ug/l	97
4) Vinyl Chloride	2.202	62	163551	20.542	ug/l	99
5) Bromomethane	2.592	94	131750	22.158	ug/l	98
6) Chloroethane	2.732	64	108904	20.575	ug/l	96
7) Trichlorofluoromethane	3.055	101	191477	19.779	ug/l	96
8) Diethyl Ether	3.452	74	49309	19.252	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	98657	20.656	ug/l	98
10) Methyl Iodide	4.000	142	98964	19.202	ug/l	97
11) Tert butyl alcohol	4.854	59	23171	72.833	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	96145	20.480	ug/l	92
13) Acrolein	3.653	56	28148	60.414	ug/l	93
14) Allyl chloride	4.378	41	127286	18.427	ug/l	98
15) Acrylonitrile	5.061	53	87839	84.357	ug/l	98
16) Acetone	3.866	43	111593	110.939	ug/l	97
17) Carbon Disulfide	4.104	76	305106	19.932	ug/l	99
18) Methyl Acetate	4.384	43	43070	14.388	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	212124	17.437	ug/l	99
20) Methylene Chloride	4.610	84	133598	24.155	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	104779	19.861	ug/l	98
22) Diisopropyl ether	6.018	45	279969	18.651	ug/l	99
23) Vinyl Acetate	5.957	43	728111	87.723	ug/l	98
24) 1,1-Dichloroethane	5.915	63	180733	19.693	ug/l	98
25) 2-Butanone	6.890	43	127016	92.844	ug/l	97
26) 2,2-Dichloropropane	6.884	77	159780	20.177	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	121357	19.898	ug/l	96
28) Bromochloromethane	7.244	49	70476	19.356	ug/l	97
29) Tetrahydrofuran	7.262	42	66293	78.176	ug/l	98
30) Chloroform	7.420	83	187350	19.794	ug/l	95
31) Cyclohexane	7.701	56	161083	18.626	ug/l #	93
32) 1,1,1-Trichloroethane	7.615	97	170619	20.316	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136748	20.179	ug/l	98
37) Ethyl Acetate	6.981	43	50009	17.567	ug/l	97
38) Carbon Tetrachloride	7.817	117	149730	20.342	ug/l	95
39) Methylcyclohexane	9.109	83	176007	19.722	ug/l	96
40) Benzene	8.079	78	423724	20.286	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	25330	15.417	ug/l	90
42) 1,2-Dichloroethane	8.158	62	102203	18.814	ug/l	100
43) Isopropyl Acetate	8.195	43	93698	16.284	ug/l	97
44) Trichloroethene	8.865	130	114186	21.154	ug/l	98
45) 1,2-Dichloropropane	9.140	63	95411	19.853	ug/l	99
46) Dibromomethane	9.231	93	54110	19.616	ug/l	98
47) Bromodichloromethane	9.420	83	140846	19.843	ug/l	98
48) Methyl methacrylate	9.219	41	44249	16.071	ug/l	96
49) 1,4-Dioxane	9.225	88	9765	301.911	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	243186	81.937	ug/l	100
52) Toluene	10.170	92	268326	20.226	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	119738	18.629	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	145314	19.119	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	69805	18.912	ug/l	96
56) Ethyl methacrylate	10.438	69	79668	16.868	ug/l	97
57) 1,3-Dichloropropane	10.719	76	118409	18.916	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	201968	90.653	ug/l	99
59) 2-Hexanone	10.761	43	179464	88.800	ug/l	98
60) Dibromochloromethane	10.908	129	92970	19.089	ug/l	96
61) 1,2-Dibromoethane	11.011	107	65530	18.889	ug/l	100
64) Tetrachloroethene	10.645	164	131221	22.244	ug/l	97
65) Chlorobenzene	11.438	112	291973	20.489	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	98100	20.283	ug/l	98
67) Ethyl Benzene	11.517	91	484951	19.775	ug/l	98
68) m/p-Xylenes	11.627	106	386714	40.375	ug/l	98
69) o-Xylene	11.950	106	178540	19.902	ug/l	99
70) Styrene	11.968	104	293789	20.026	ug/l	98
71) Bromoform	12.133	173	53254	18.840	ug/l #	99
73) Isopropylbenzene	12.255	105	468204	20.246	ug/l	100
74) N-amyl acetate	12.066	43	78080	15.921	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	68218	17.276	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	94762	29.967	ug/l #	100
77) Bromobenzene	12.529	156	108919	19.742	ug/l	96
78) n-propylbenzene	12.590	91	566146	20.563	ug/l	99
79) 2-Chlorotoluene	12.676	91	315330	19.989	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	379144	20.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	21879	16.748	ug/l	99
82) 4-Chlorotoluene	12.773	91	326908	19.977	ug/l	99
83) tert-Butylbenzene	12.993	119	344244	20.394	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	375274	20.171	ug/l	98
85) sec-Butylbenzene	13.175	105	505338	20.380	ug/l	99
86) p-Isopropyltoluene	13.291	119	420607	20.435	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	219232	20.151	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	217009	20.107	ug/l	99
89) n-Butylbenzene	13.614	91	377605	19.975	ug/l	99
90) Hexachloroethane	13.877	117	88981	21.118	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	191281	20.047	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	10248	16.669	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	106632	18.898	ug/l	100
94) Hexachlorobutadiene	15.023	225	67110	20.240	ug/l	98
95) Naphthalene	15.145	128	152376	15.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	88429	18.187	ug/l	99

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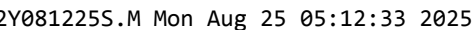
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

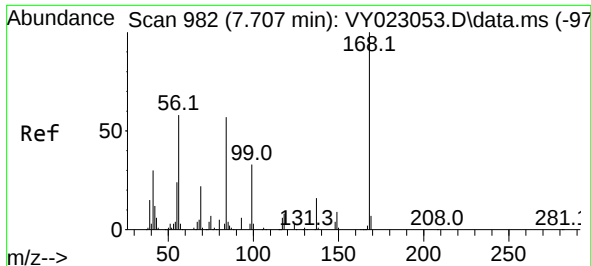
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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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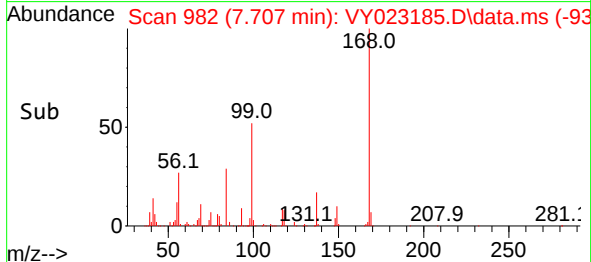
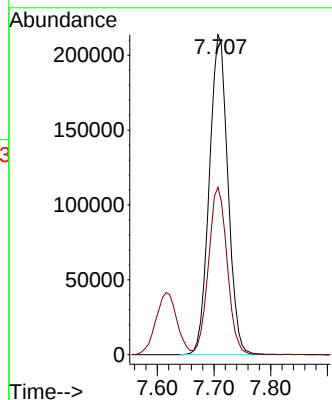
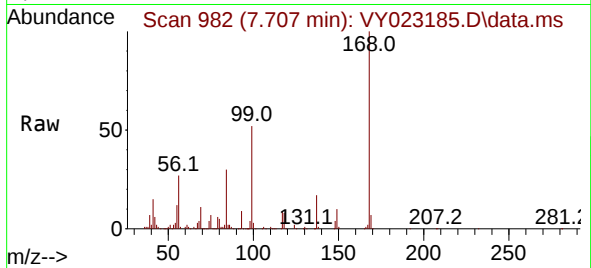




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023185.D
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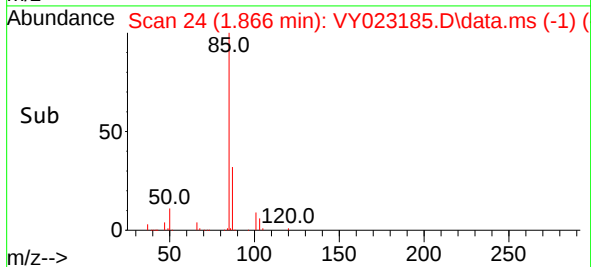
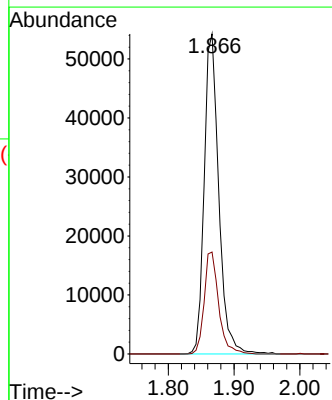
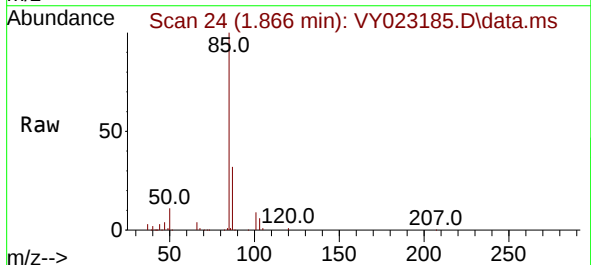
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:168 Resp: 487169
Ion Ratio Lower Upper
168 100
99 52.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.020 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 85 Resp: 83586
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8

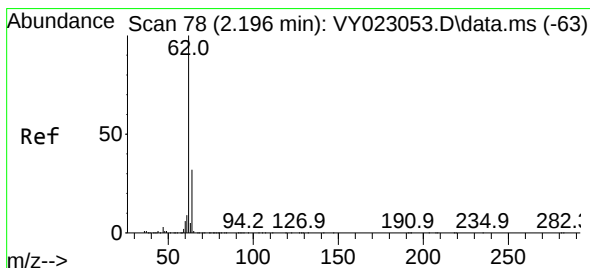
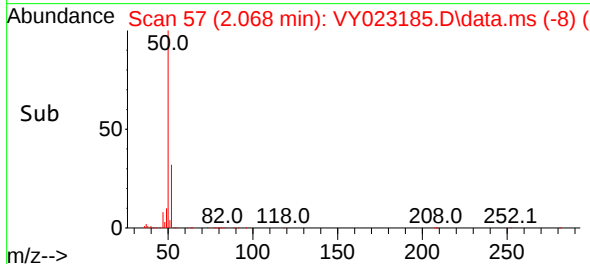
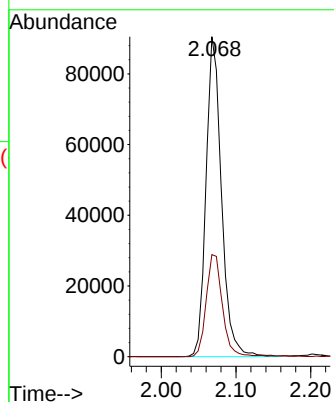
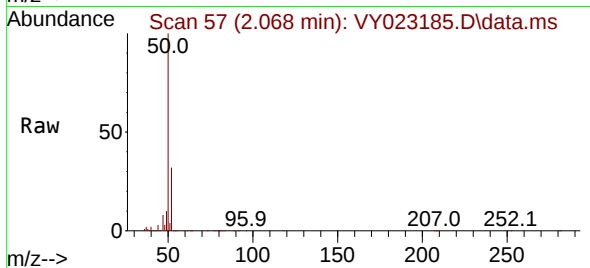




#3
Chloromethane
Concen: 20.185 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

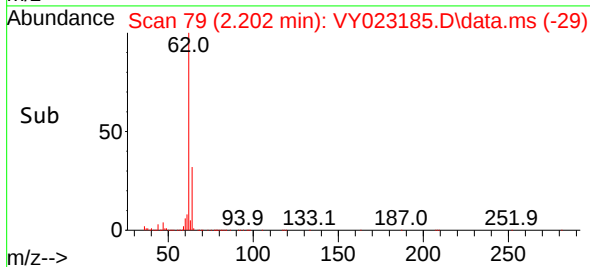
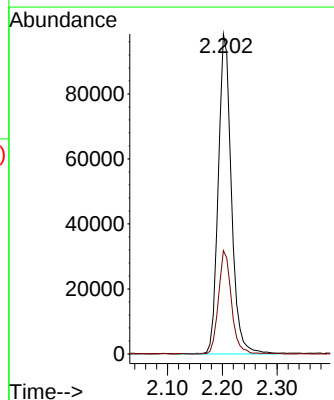
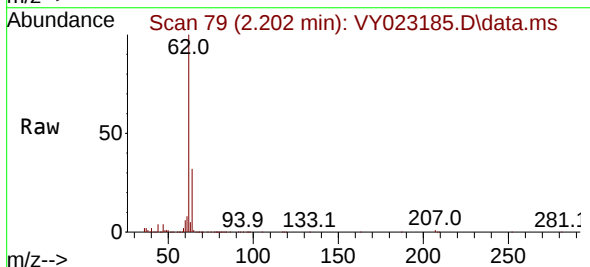
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 50 Resp: 130008
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1



#4
Vinyl Chloride
Concen: 20.542 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 62 Resp: 163551
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

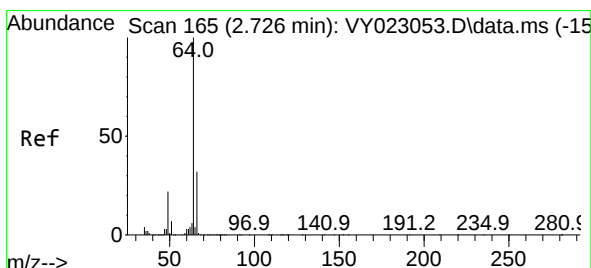
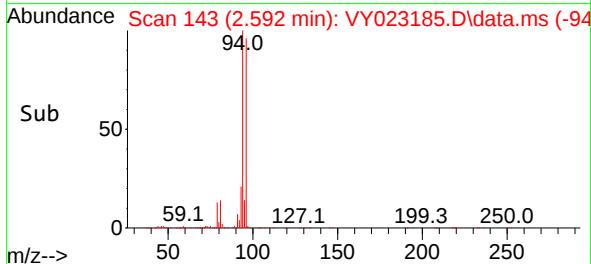
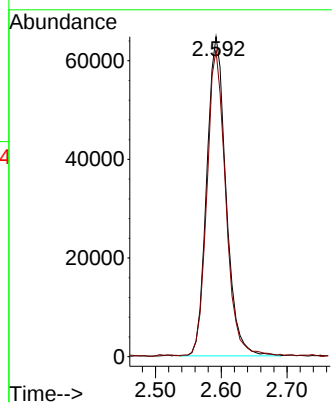
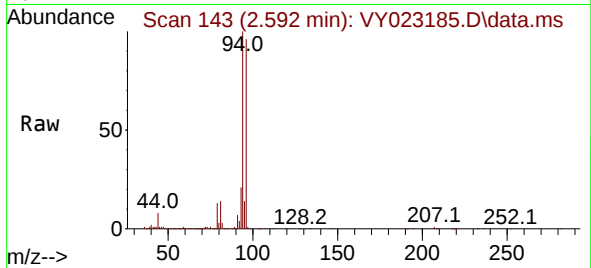




#5
Bromomethane
Concen: 22.158 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

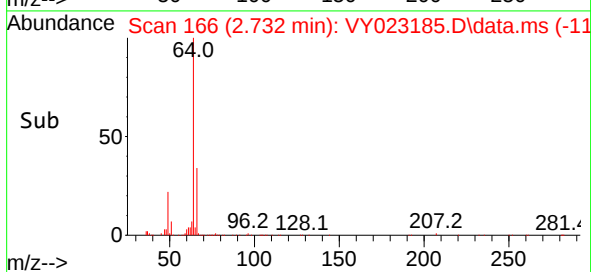
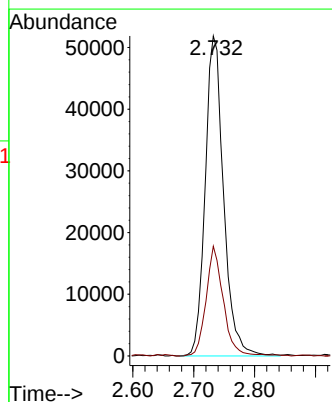
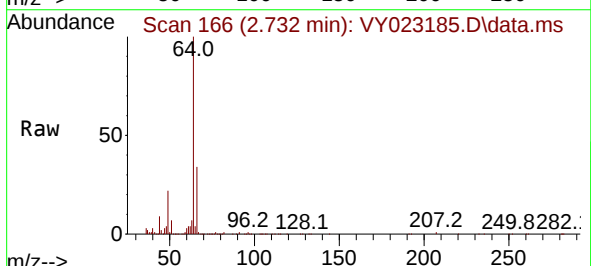
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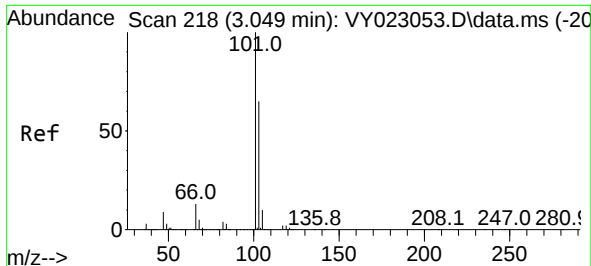
Tgt Ion: 94 Resp: 131750
Ion Ratio Lower Upper
94 100
96 95.6 74.6 112.0



#6
Chloroethane
Concen: 20.575 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 64 Resp: 108904
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6

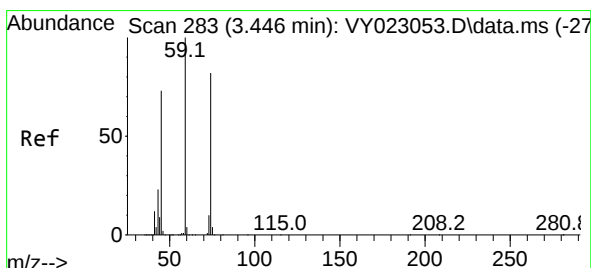
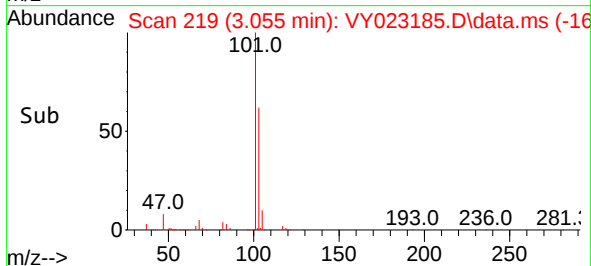
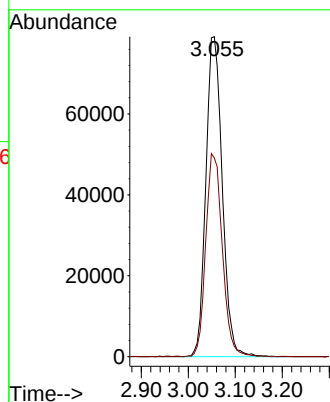
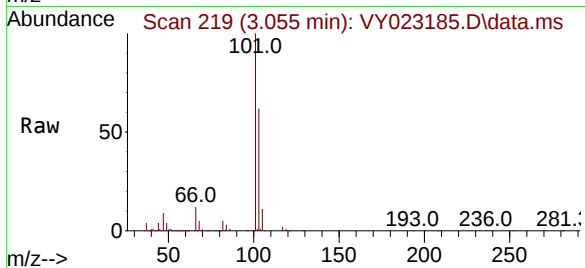




#7
 Trichlorofluoromethane
 Concen: 19.779 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023185.D
 Acq: 22 Aug 2025 11:43

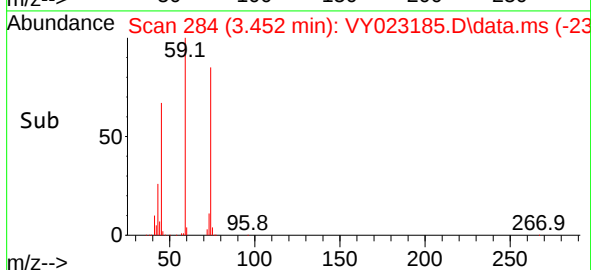
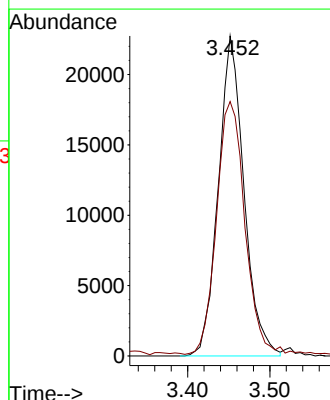
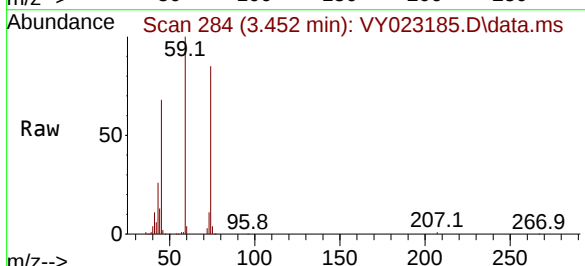
Instrument :
 MSVOA_Y
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 VY0822SBS01

Tgt Ion:101 Resp: 191477
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.252 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023185.D
 Acq: 22 Aug 2025 11:43

Tgt Ion: 74 Resp: 49309
 Ion Ratio Lower Upper
 74 100
 45 89.0 44.4 133.2

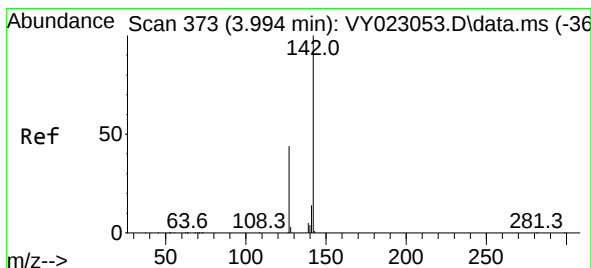
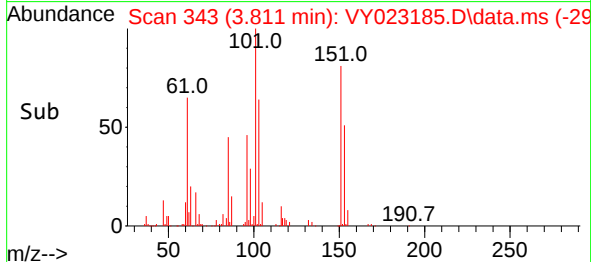
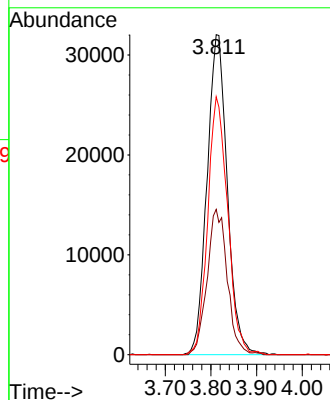
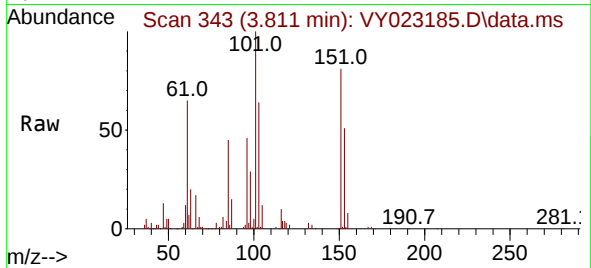




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.656 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023185.D
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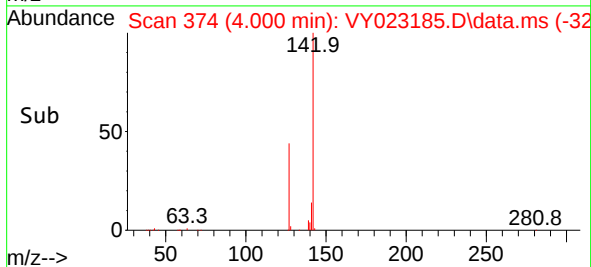
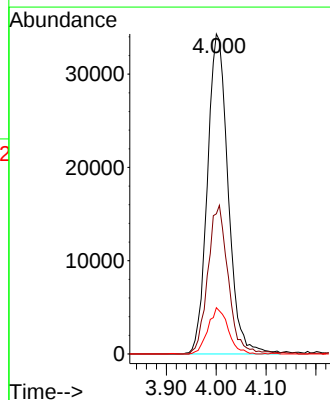
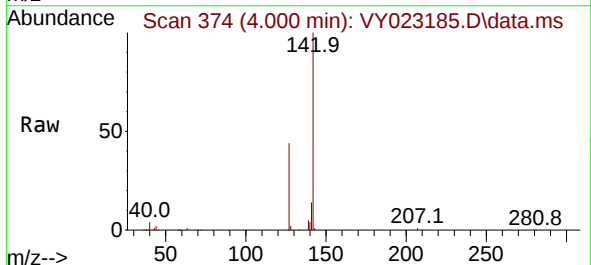
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Tgt Ion:101 Resp: 98657
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 79.3 61.5 92.3



#10
Methyl Iodide
Concen: 19.202 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion:142 Resp: 98964
Ion Ratio Lower Upper
142 100
127 46.0 34.9 52.3
141 14.0 11.3 16.9

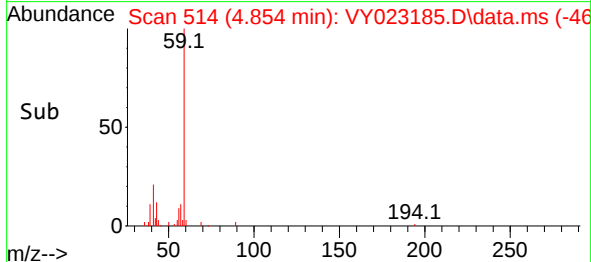
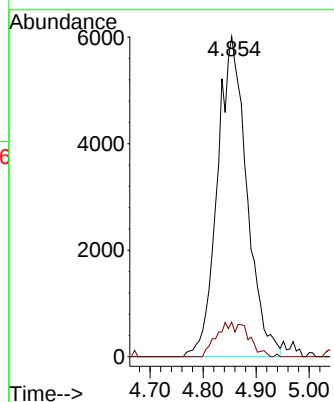
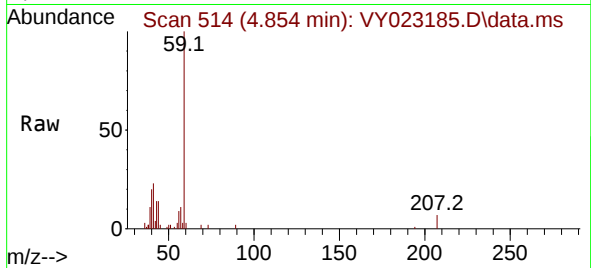




#11
Tert butyl alcohol
Concen: 72.833 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

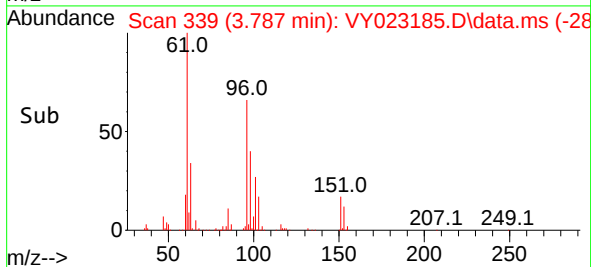
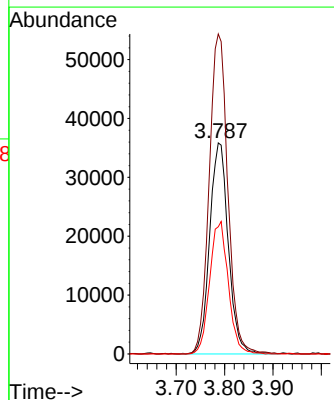
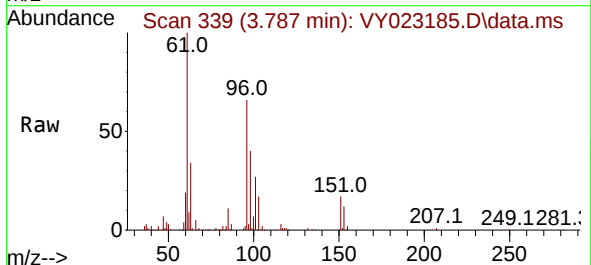
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 59 Resp: 23171
Ion Ratio Lower Upper
59 100
57 6.7 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 20.480 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 96 Resp: 96145
Ion Ratio Lower Upper
96 100
61 151.6 129.4 194.2
98 60.3 52.8 79.2

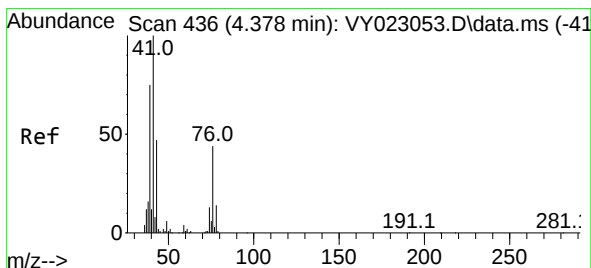
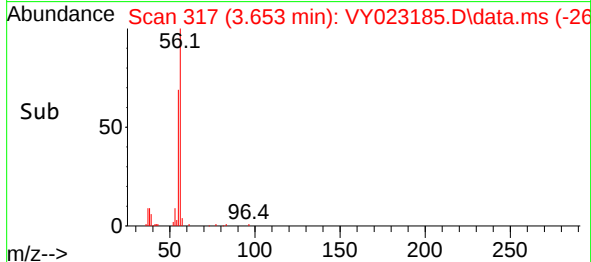
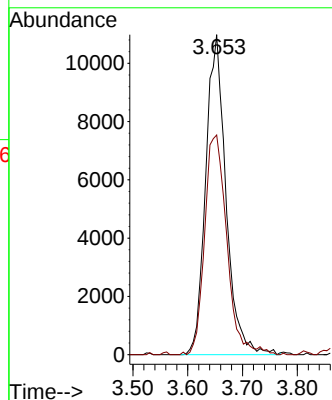
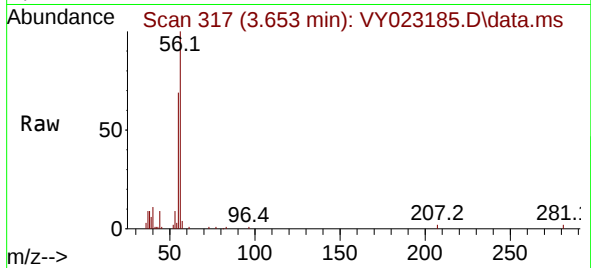




#13
Acrolein
Concen: 60.414 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

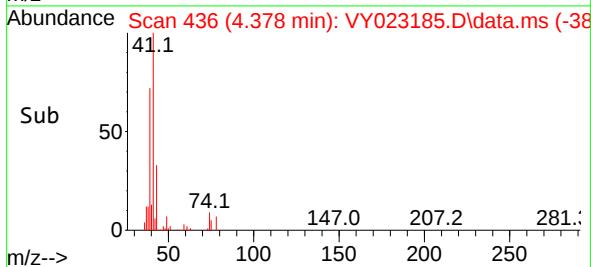
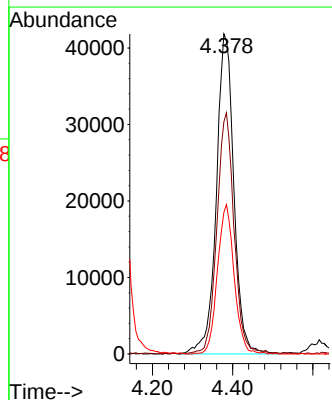
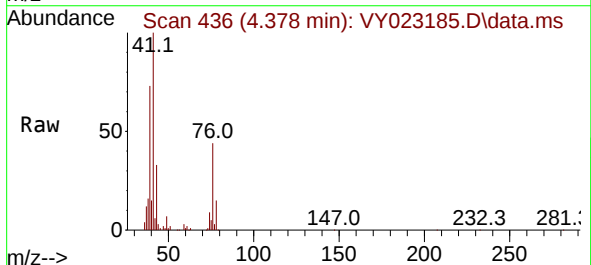
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

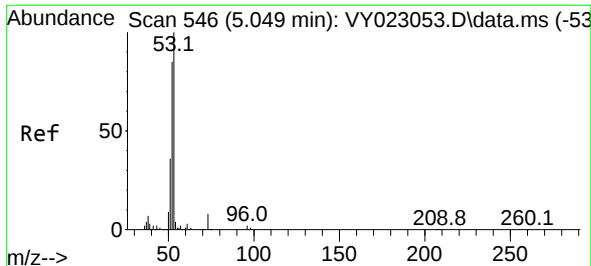
Tgt Ion: 56 Resp: 28148
Ion Ratio Lower Upper
56 100
55 74.4 55.2 82.8



#14
Allyl chloride
Concen: 18.427 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 41 Resp: 127286
Ion Ratio Lower Upper
41 100
39 73.9 59.8 89.6
76 44.3 33.7 50.5

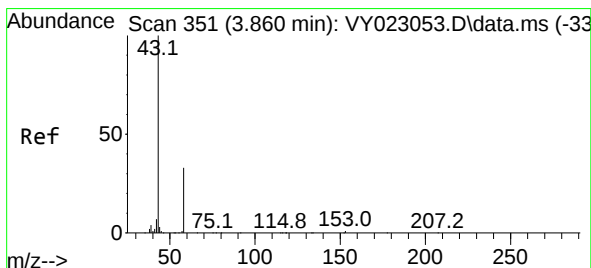
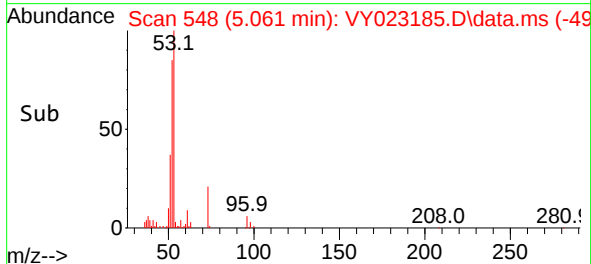
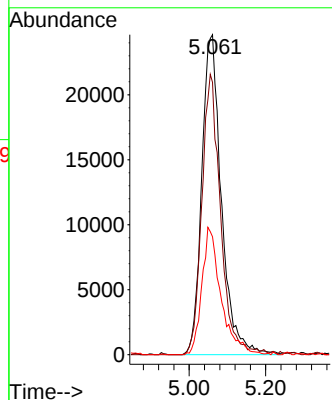
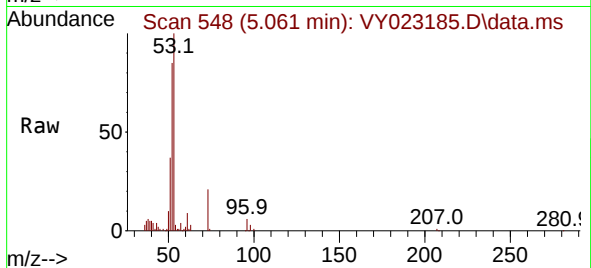




#15
Acrylonitrile
Concen: 84.357 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

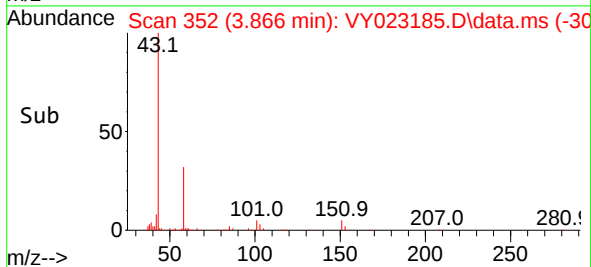
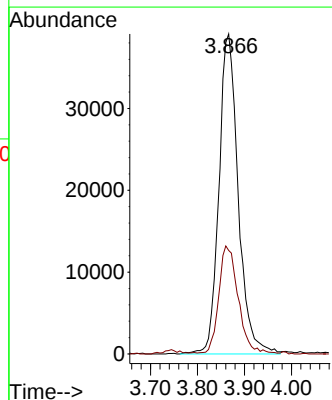
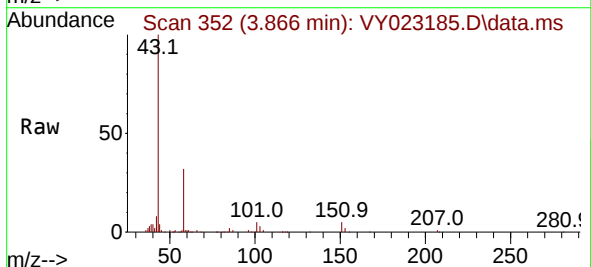
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 53 Resp: 87839
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 38.9 29.5 44.3



#16
Acetone
Concen: 110.939 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 43 Resp: 111593
Ion Ratio Lower Upper
43 100
58 32.1 27.1 40.7

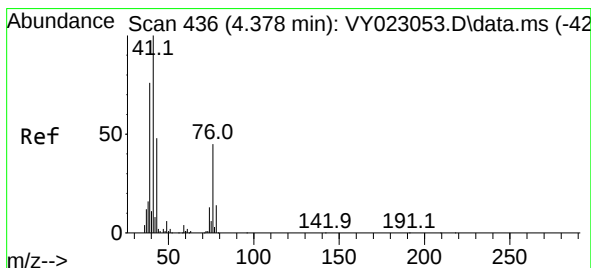
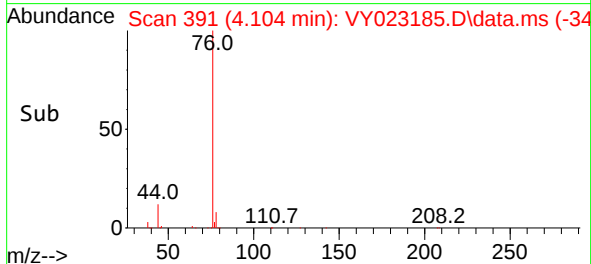
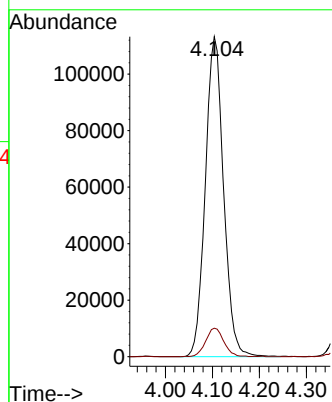
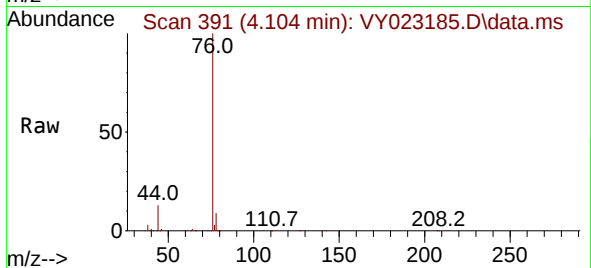




#17
Carbon Disulfide
Concen: 19.932 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

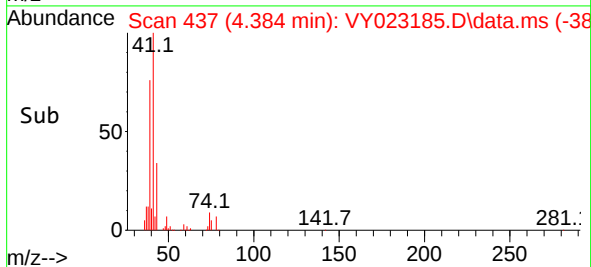
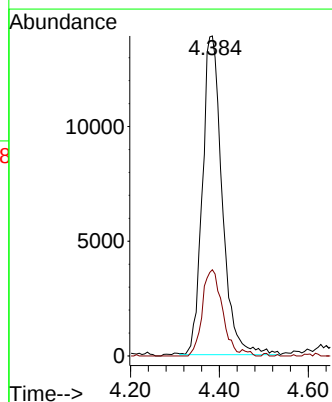
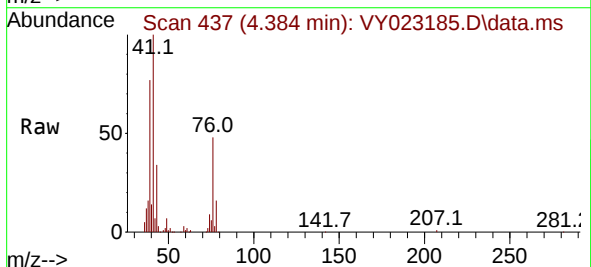
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

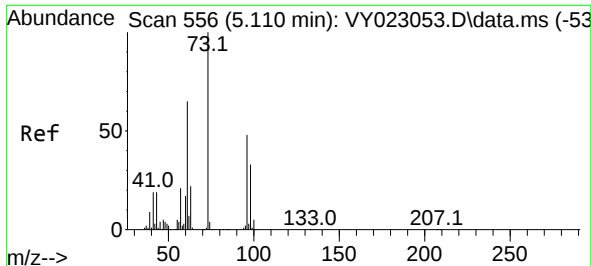
Tgt Ion: 76 Resp: 305106
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 14.388 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 43 Resp: 43070
Ion Ratio Lower Upper
43 100
74 27.0 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 17.437 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

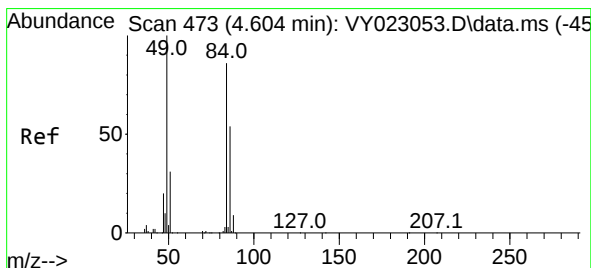
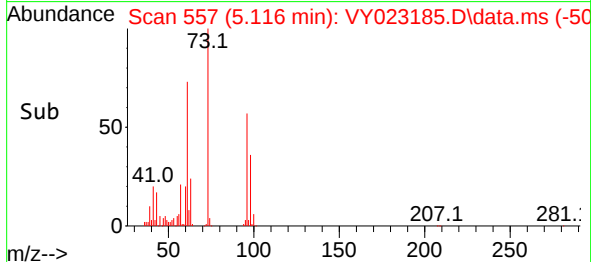
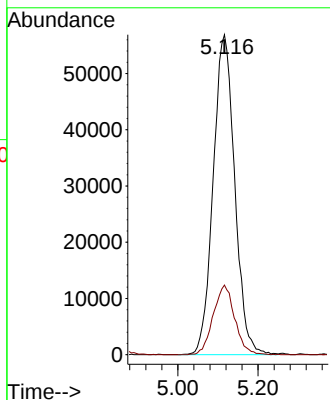
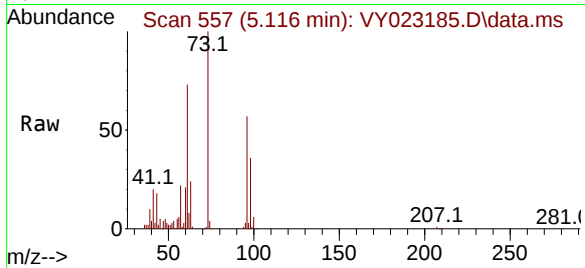
VY0822SBS01

Tgt Ion: 73 Resp: 212124

Ion Ratio Lower Upper

73 100

57 21.8 17.1 25.7



#20

Methylene Chloride

Concen: 24.155 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Tgt Ion: 84 Resp: 133598

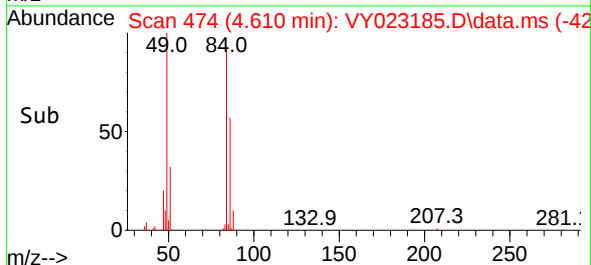
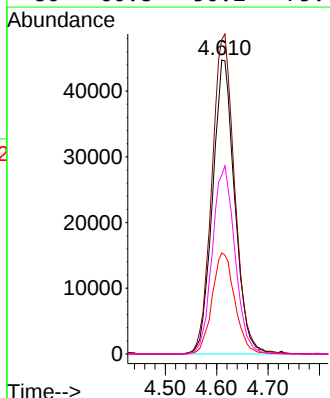
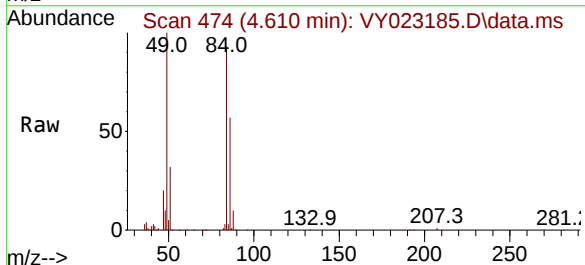
Ion Ratio Lower Upper

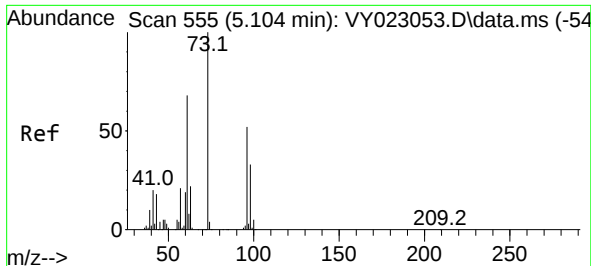
84 100

49 107.0 93.0 139.6

51 34.4 29.0 43.4

86 60.8 50.2 75.4

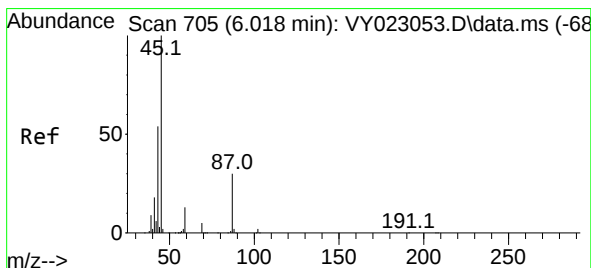
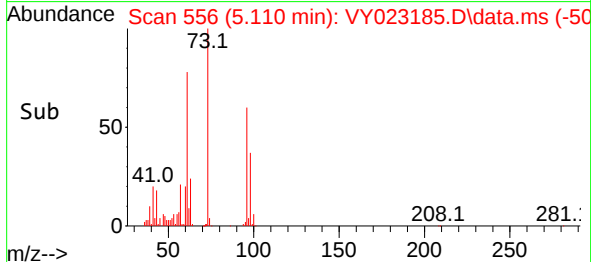
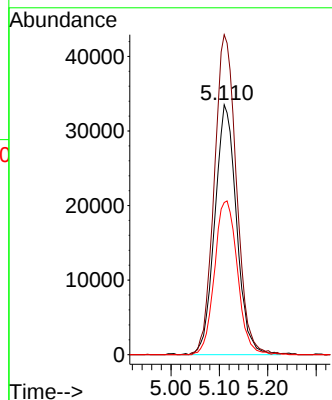
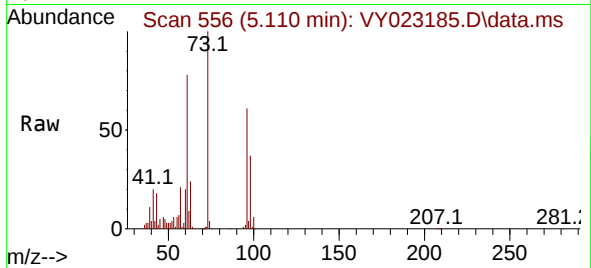




#21
trans-1,2-Dichloroethene
Concen: 19.861 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

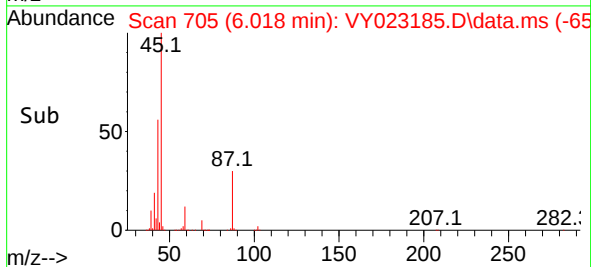
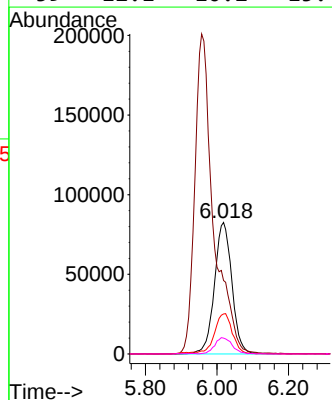
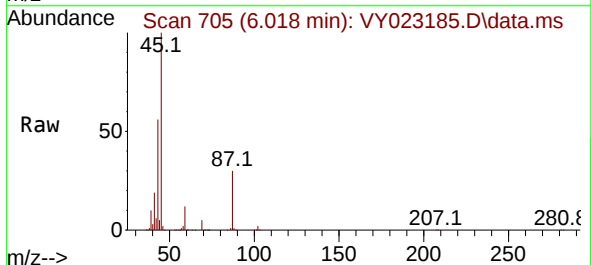
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

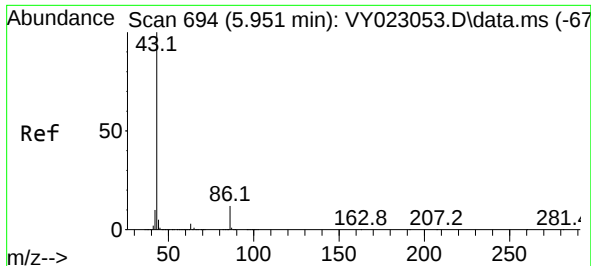
Tgt Ion: 96 Resp: 104779
Ion Ratio Lower Upper
96 100
61 128.1 104.8 157.2
98 60.9 50.1 75.1



#22
Diisopropyl ether
Concen: 18.651 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 45 Resp: 279969
Ion Ratio Lower Upper
45 100
43 55.3 43.4 65.0
87 30.4 24.4 36.6
59 12.1 10.2 15.4

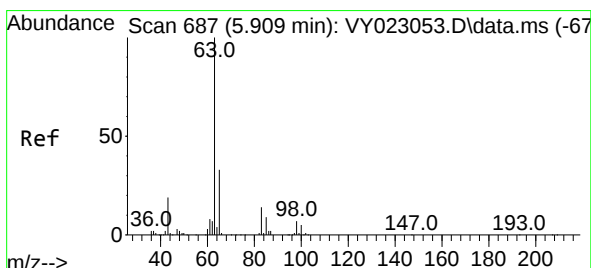
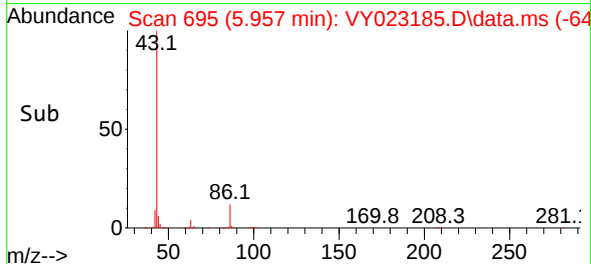
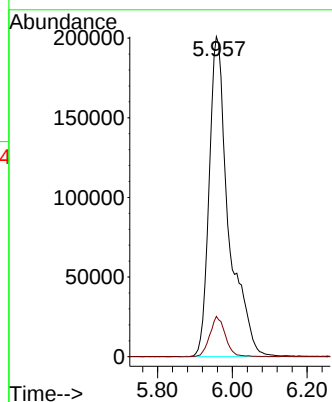
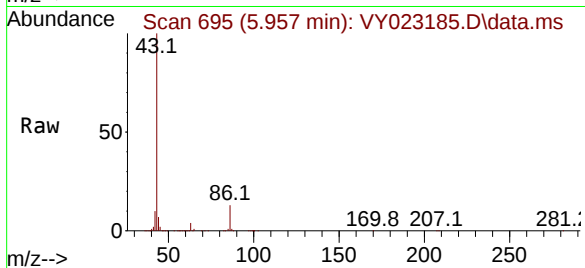




#23
 Vinyl Acetate
 Concen: 87.723 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. 0.006 min
 Lab File: VY023185.D
 Acq: 22 Aug 2025 11:43

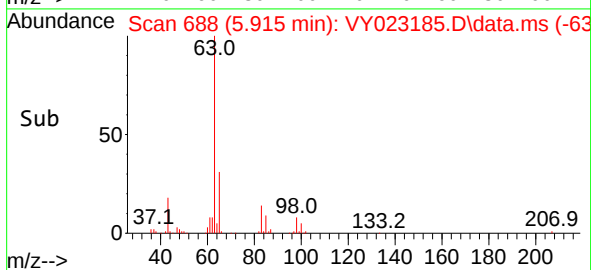
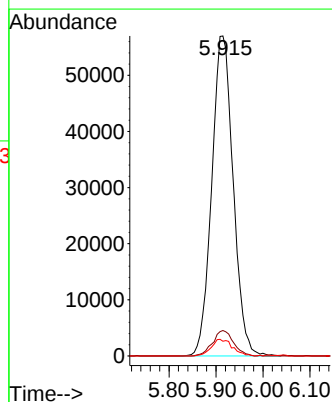
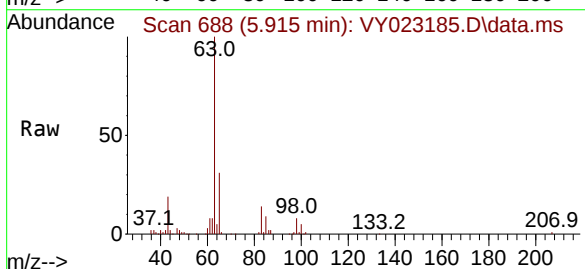
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

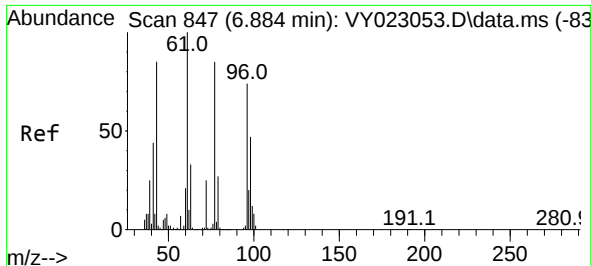
Tgt Ion: 43 Resp: 728111
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.693 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023185.D
 Acq: 22 Aug 2025 11:43

Tgt Ion: 63 Resp: 180733
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 92.844 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

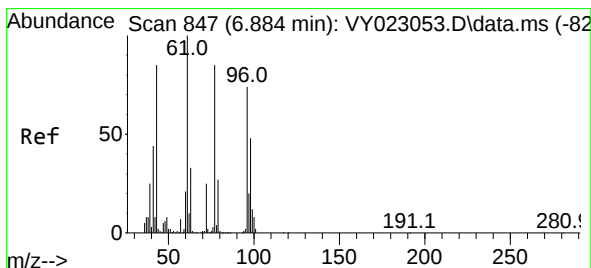
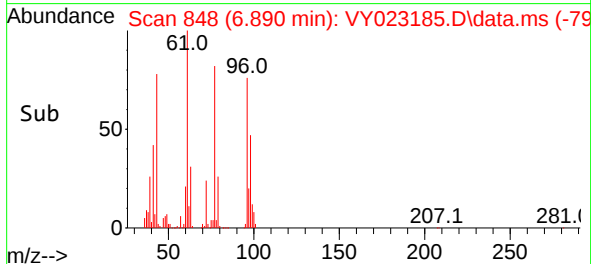
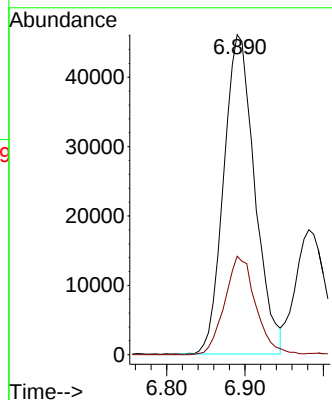
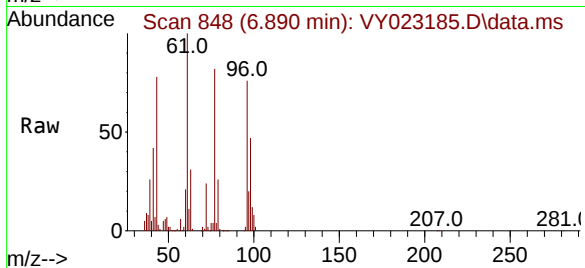
VY0822SBS01

Tgt Ion: 43 Resp: 127016

Ion Ratio Lower Upper

43 100

72 30.8 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.177 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023185.D

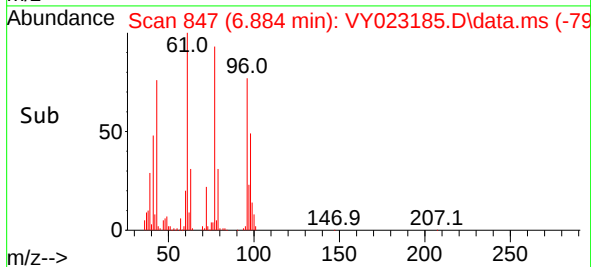
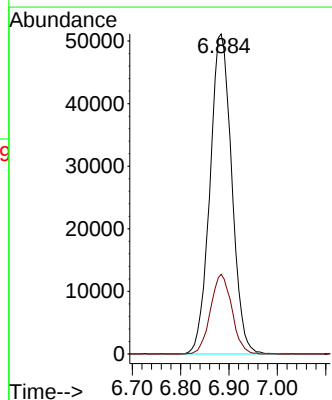
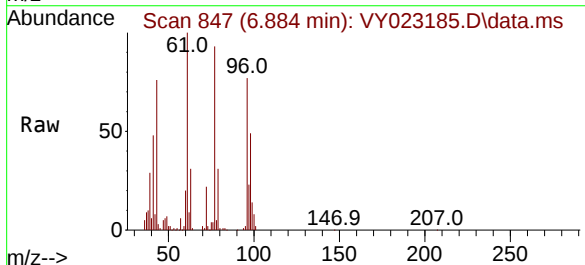
Acq: 22 Aug 2025 11:43

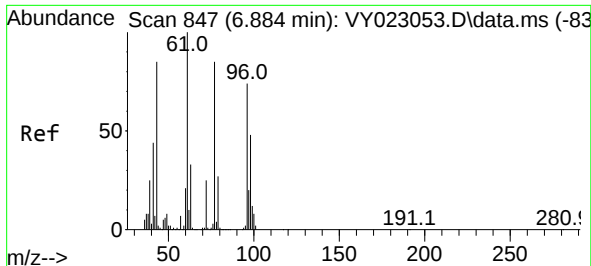
Tgt Ion: 77 Resp: 159780

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.898 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

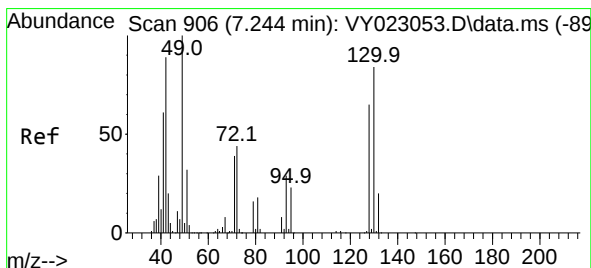
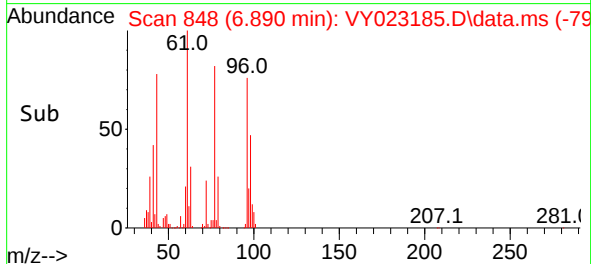
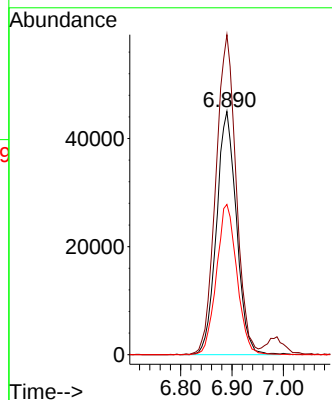
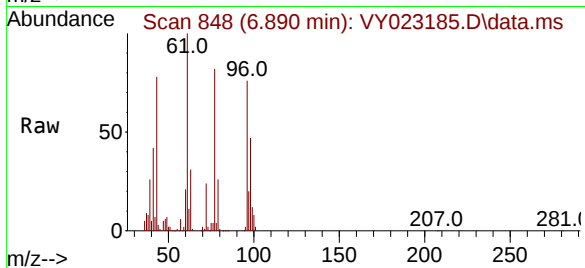
Tgt Ion: 96 Resp: 121357

Ion Ratio Lower Upper

96 100

61 133.7 0.0 278.6

98 63.3 0.0 130.4



#28

Bromochloromethane

Concen: 19.356 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

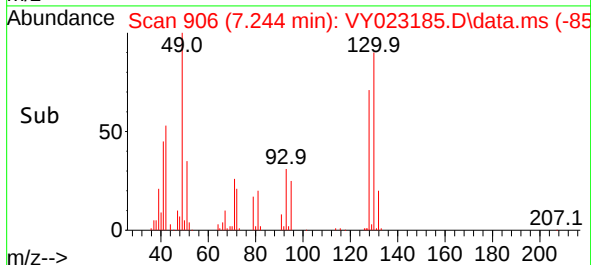
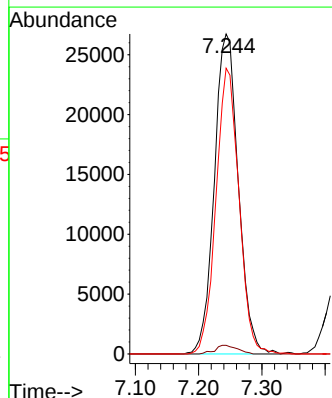
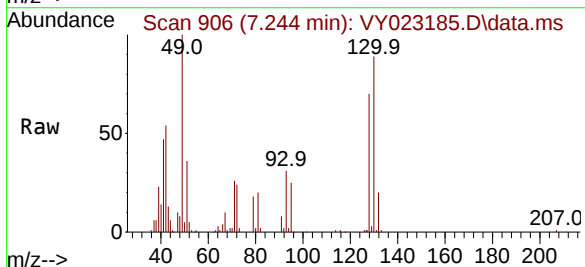
Tgt Ion: 49 Resp: 70476

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 85.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 78.176 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

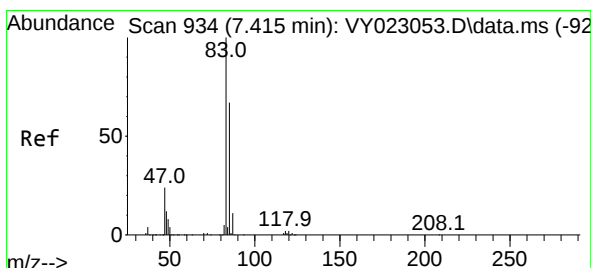
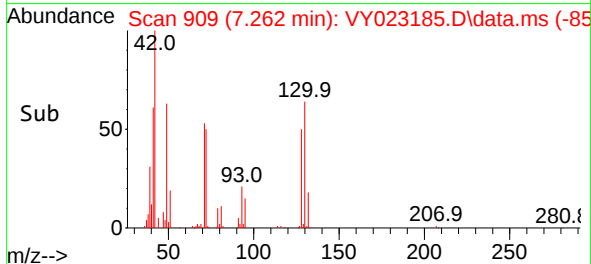
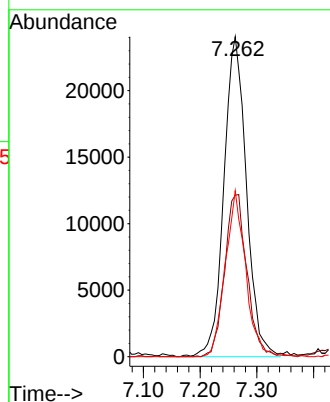
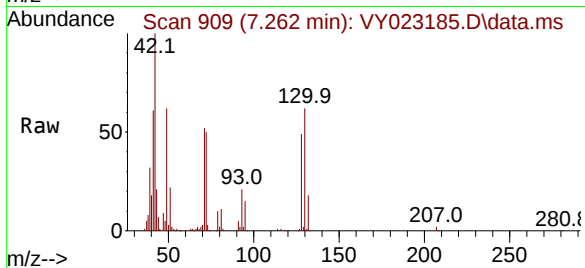
Tgt Ion: 42 Resp: 66293

Ion Ratio Lower Upper

42 100

72 50.2 39.4 59.2

71 47.1 36.5 54.7



#30

Chloroform

Concen: 19.794 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023185.D

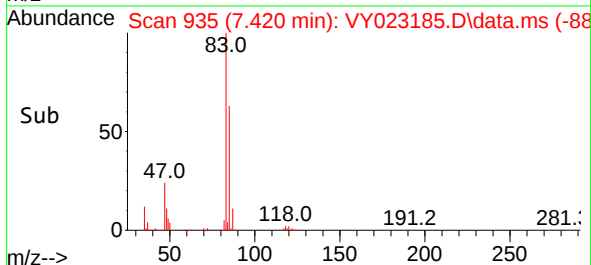
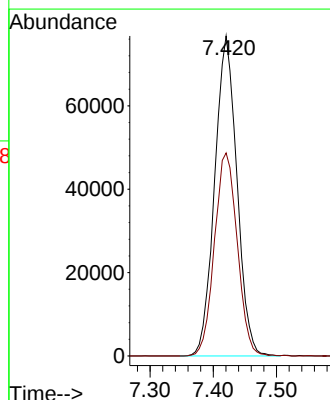
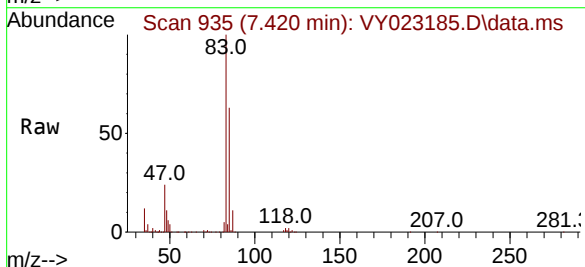
Acq: 22 Aug 2025 11:43

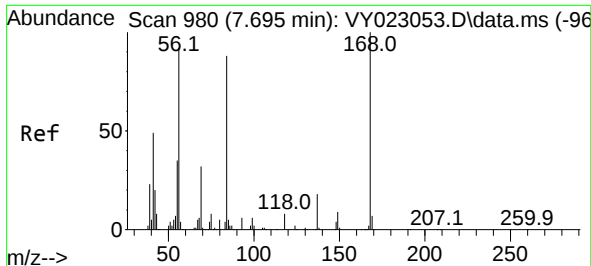
Tgt Ion: 83 Resp: 187350

Ion Ratio Lower Upper

83 100

85 63.4 53.8 80.8

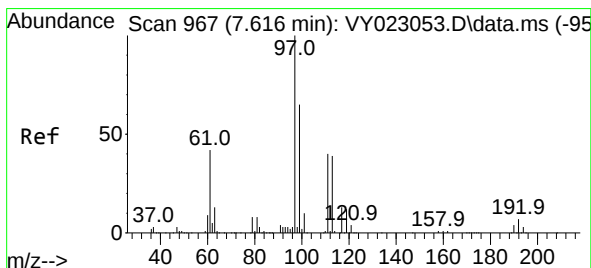
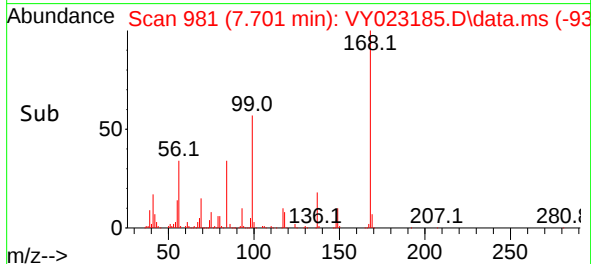
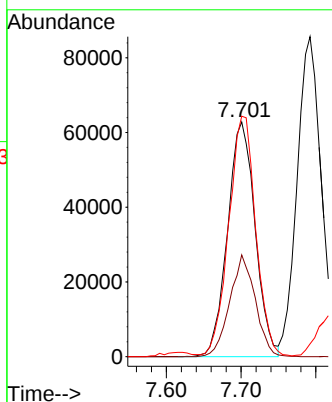
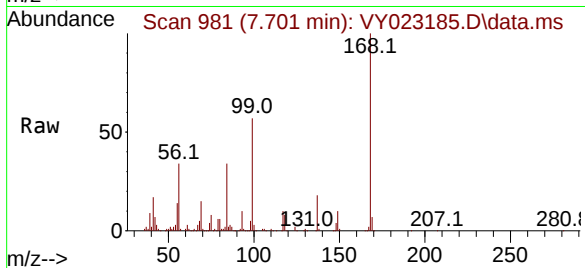




#31
Cyclohexane
Concen: 18.626 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

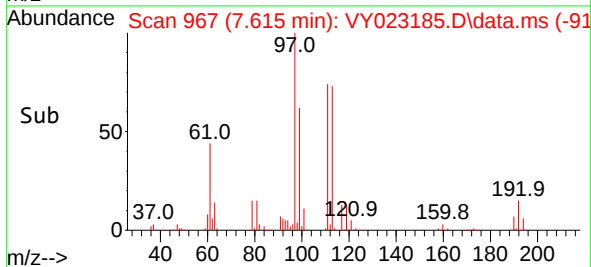
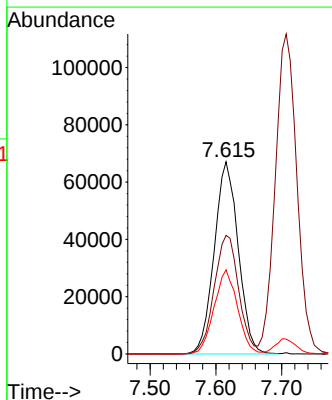
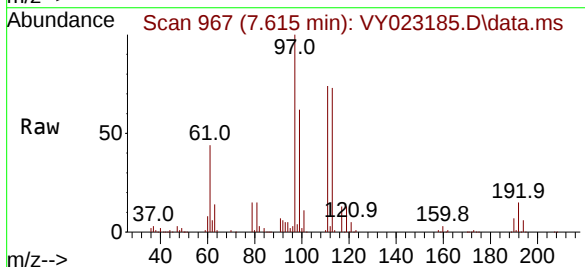
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 56 Resp: 161083
Ion Ratio Lower Upper
56 100
69 43.3 28.2 42.2#
84 100.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.316 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 97 Resp: 170619
Ion Ratio Lower Upper
97 100
99 62.7 51.6 77.4
61 42.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.538 ug/l

RT: 8.060 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

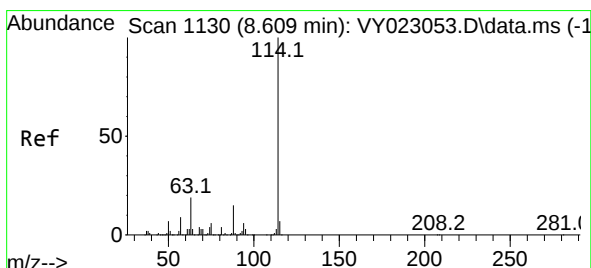
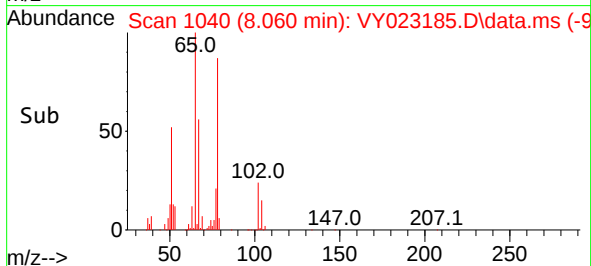
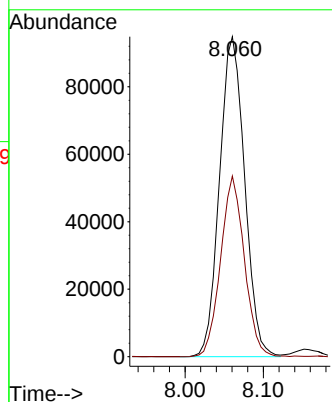
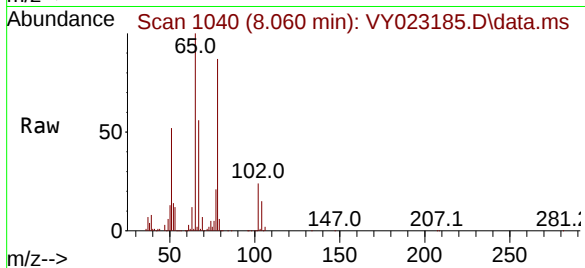
VY0822SBS01

Tgt Ion: 65 Resp: 211434

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

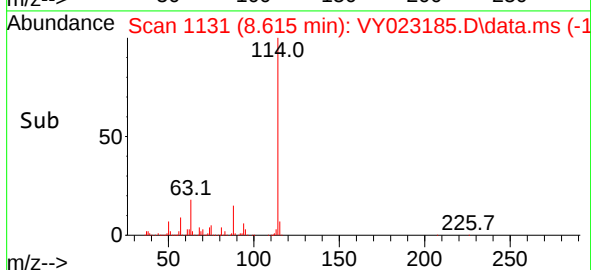
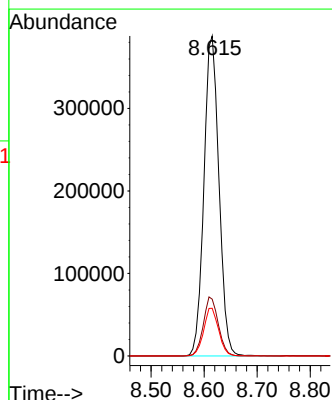
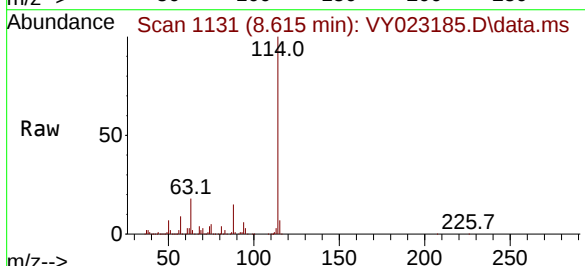
Tgt Ion:114 Resp: 762083

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.9 0.0 30.0

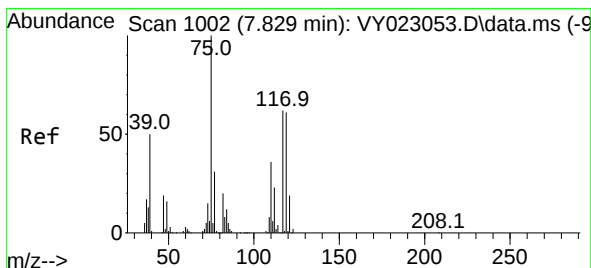
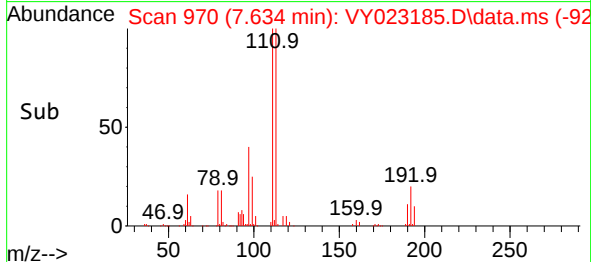
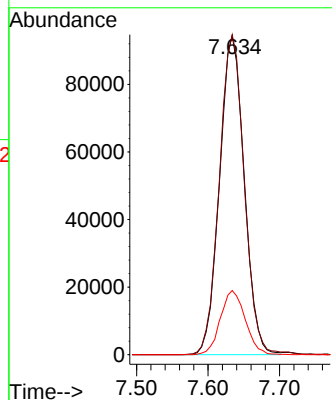
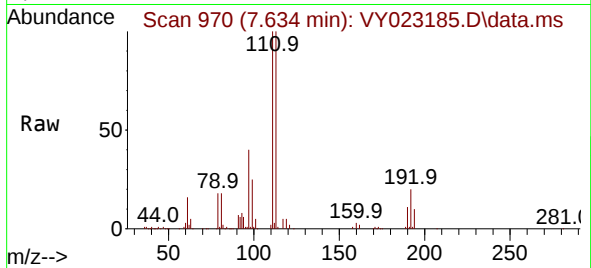




#35
Dibromofluoromethane
Concen: 49.588 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

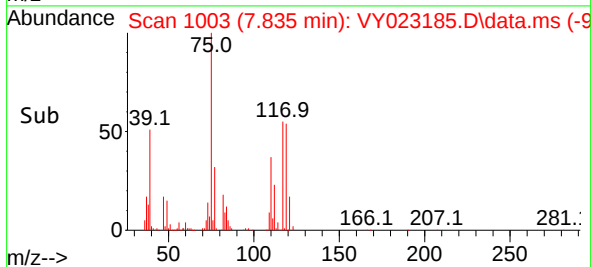
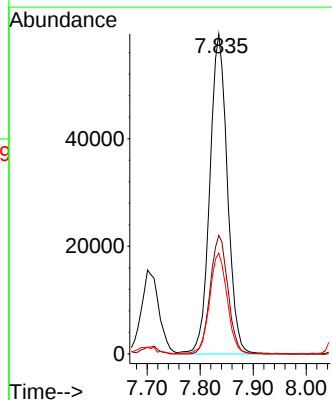
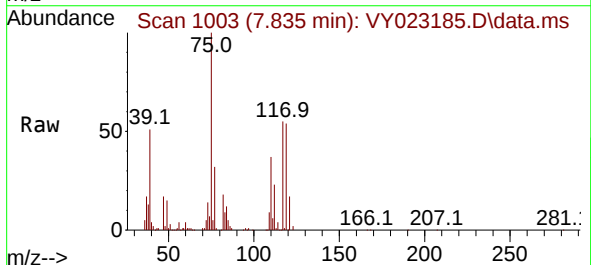
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

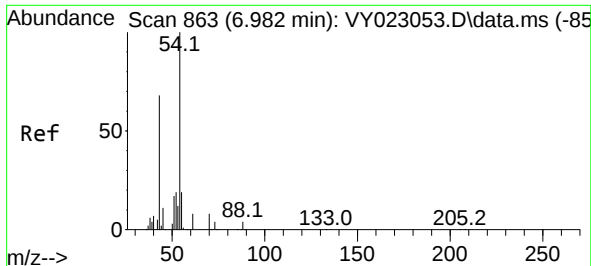
Tgt Ion:113 Resp: 226126
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 20.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.179 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 75 Resp: 136748
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.4
77 31.9 24.6 37.0





#37

Ethyl Acetate

Concen: 17.567 ug/l

RT: 6.981 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

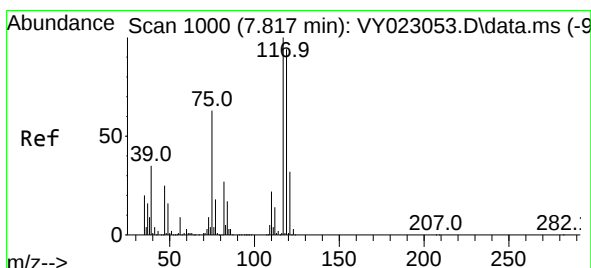
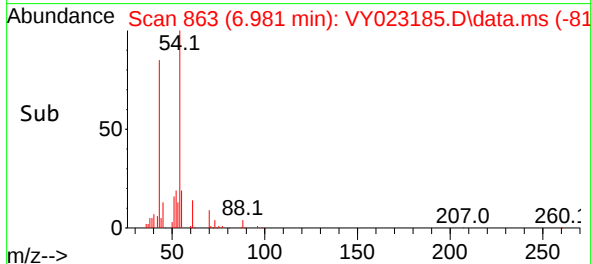
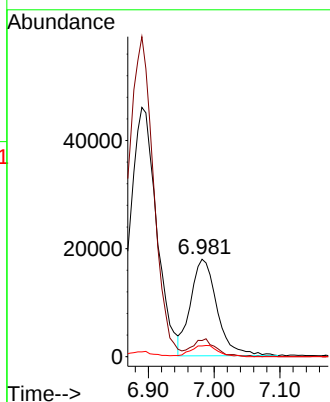
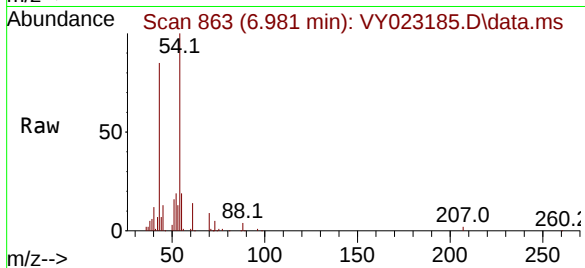
Tgt Ion: 43 Resp: 50009

Ion Ratio Lower Upper

43 100

61 16.6 11.9 17.9

70 11.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.342 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

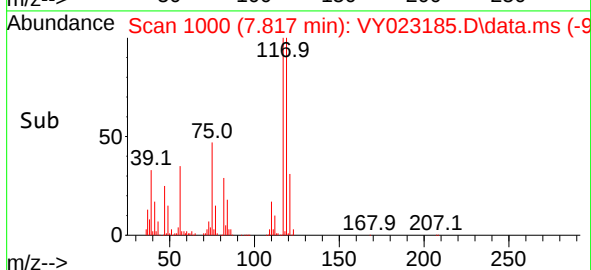
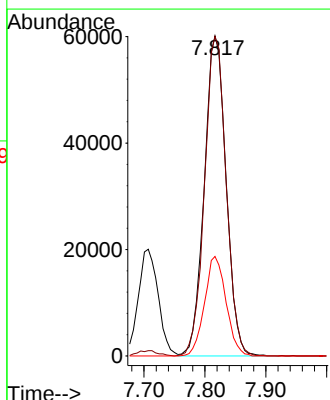
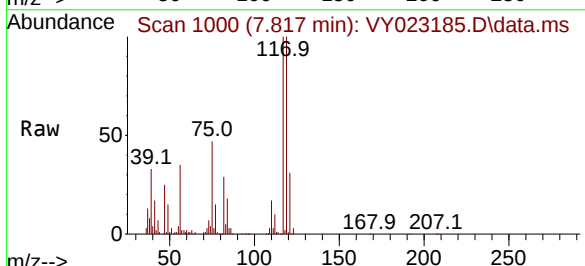
Tgt Ion: 117 Resp: 149730

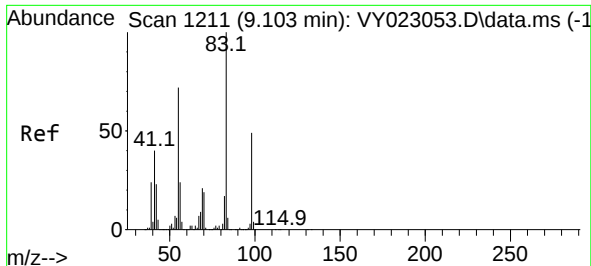
Ion Ratio Lower Upper

117 100

119 99.8 75.6 113.4

121 31.1 25.8 38.8





#39

Methylcyclohexane

Concen: 19.722 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

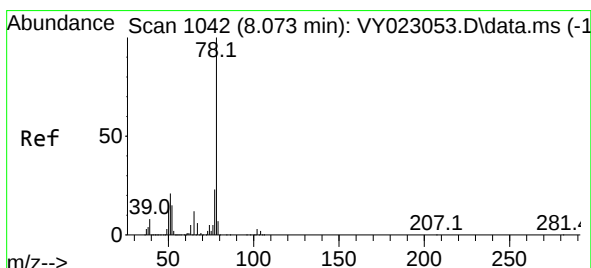
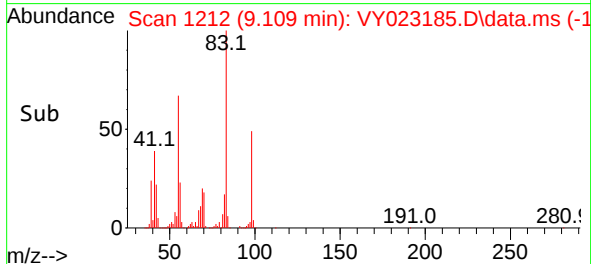
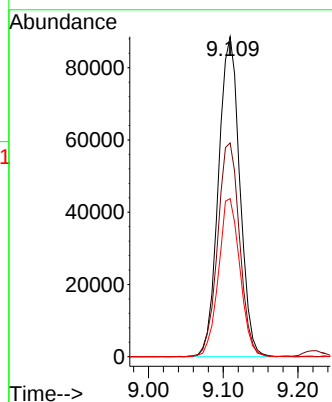
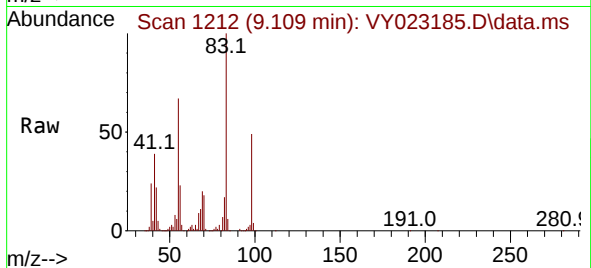
Tgt Ion: 83 Resp: 176007

Ion Ratio Lower Upper

83 100

55 66.7 57.6 86.4

98 49.4 39.2 58.8



#40

Benzene

Concen: 20.286 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023185.D

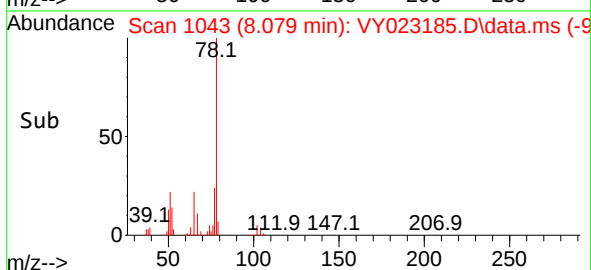
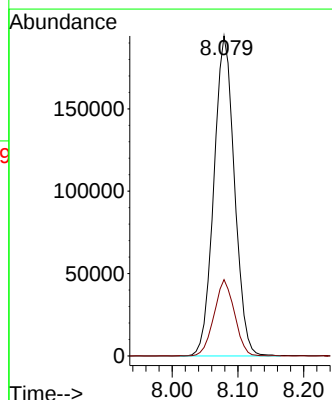
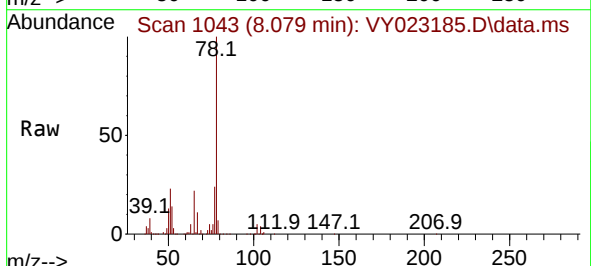
Acq: 22 Aug 2025 11:43

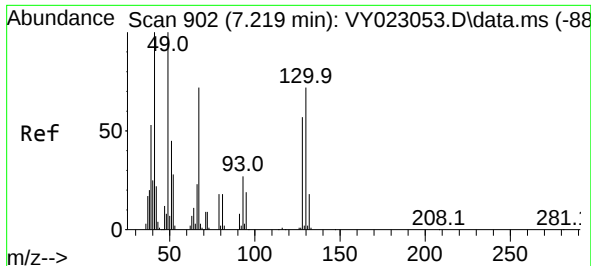
Tgt Ion: 78 Resp: 423724

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

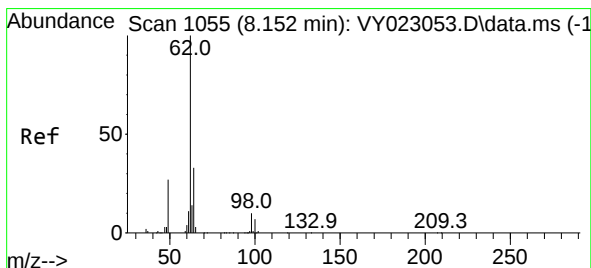
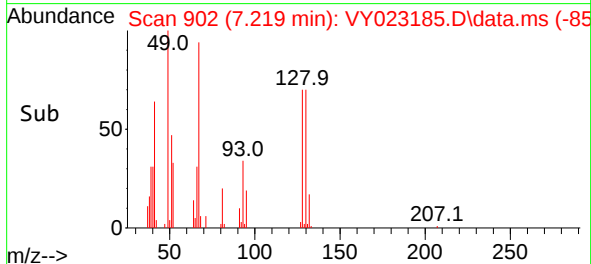
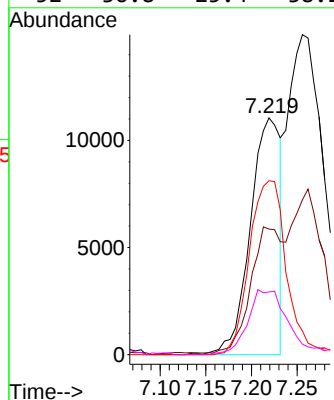
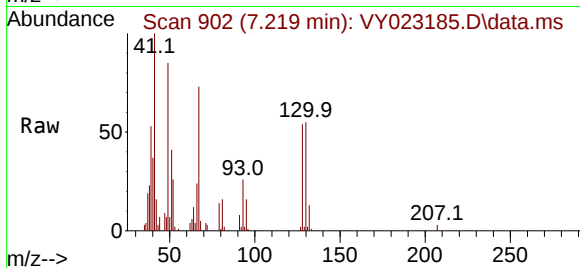




#41
Methacrylonitrile
Concen: 15.417 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

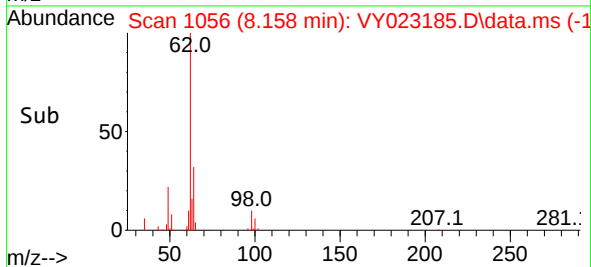
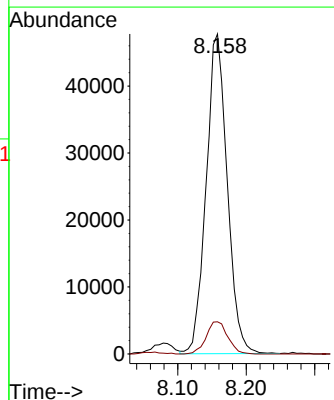
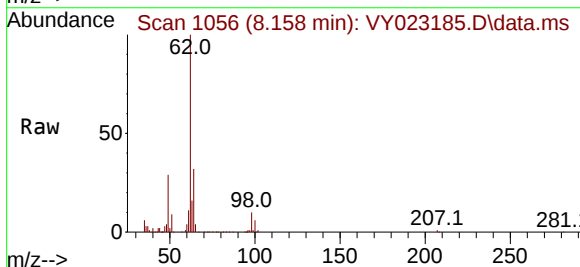
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:	41	Resp:	25330
Ion	Ratio	Lower	Upper
41	100		
39	60.8	43.4	65.2
67	90.1	63.6	95.4
52	36.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 18.814 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion:	62	Resp:	102203
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6

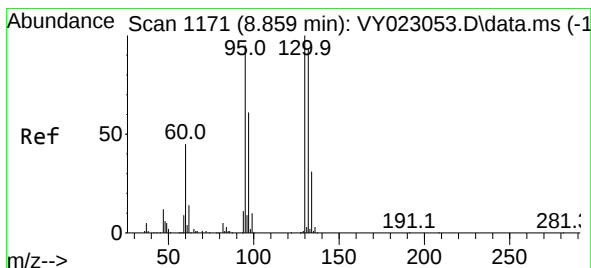
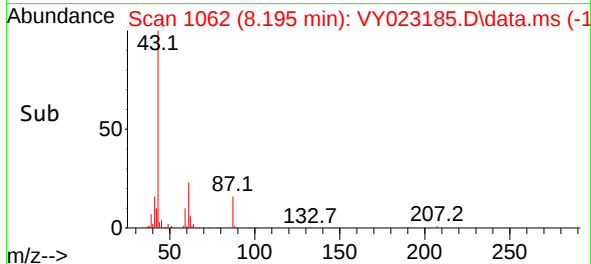
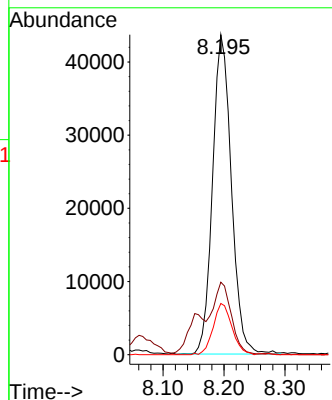
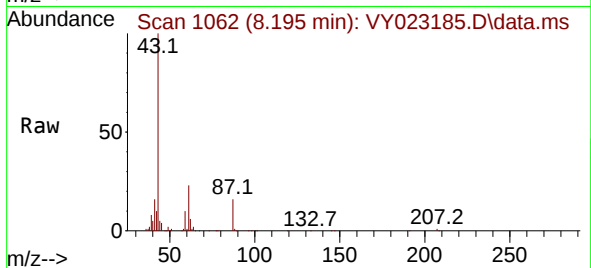




#43
Isopropyl Acetate
Concen: 16.284 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

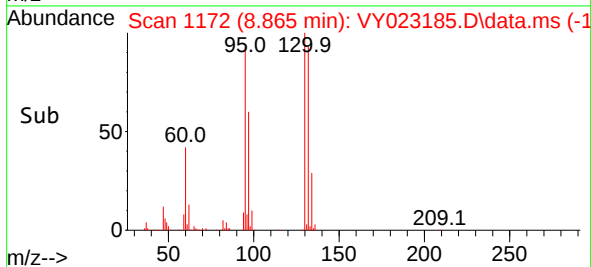
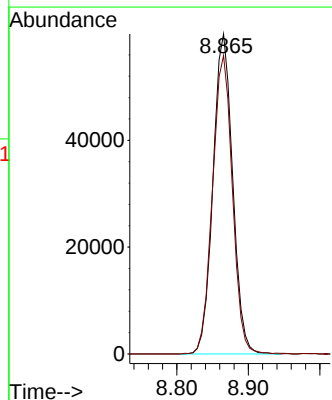
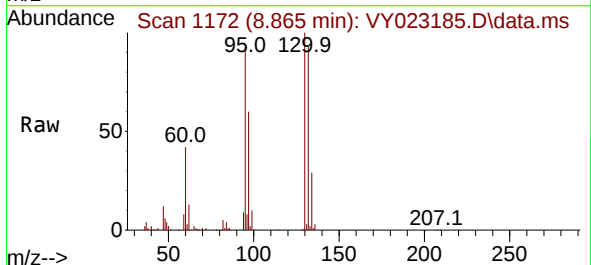
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 43 Resp: 93698
Ion Ratio Lower Upper
43 100
61 22.1 16.4 24.6
87 16.0 11.8 17.6



#44
Trichloroethene
Concen: 21.154 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion:130 Resp: 114186
Ion Ratio Lower Upper
130 100
95 93.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 19.853 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

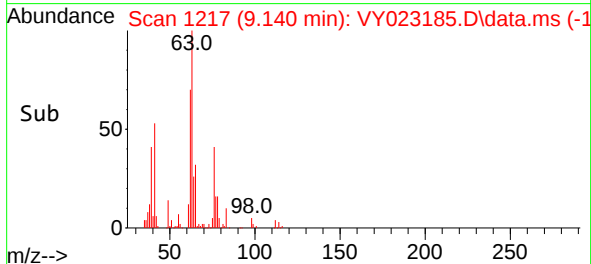
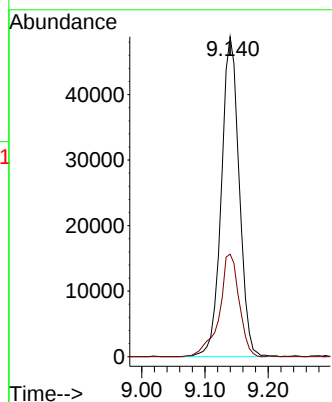
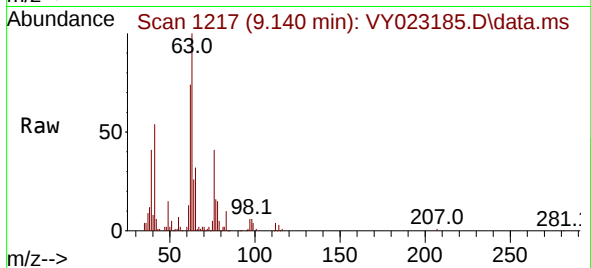
VY0822SBS01

Tgt Ion: 63 Resp: 95411

Ion Ratio Lower Upper

63 100

65 32.1 25.3 37.9



#46

Dibromomethane

Concen: 19.616 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

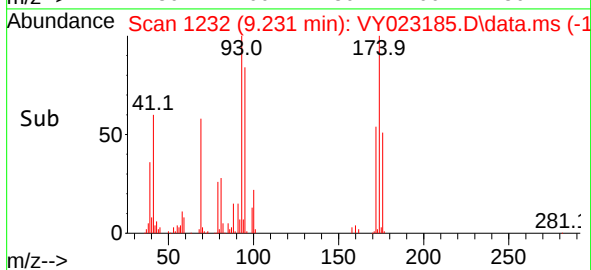
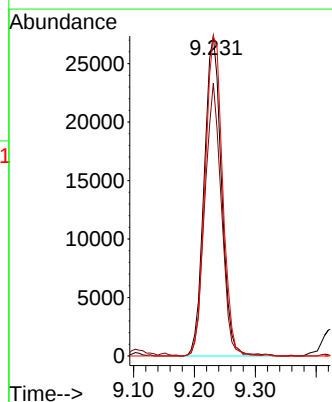
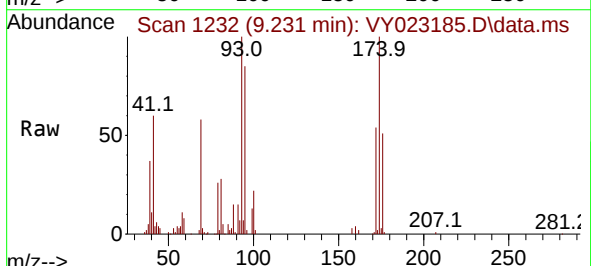
Tgt Ion: 93 Resp: 54110

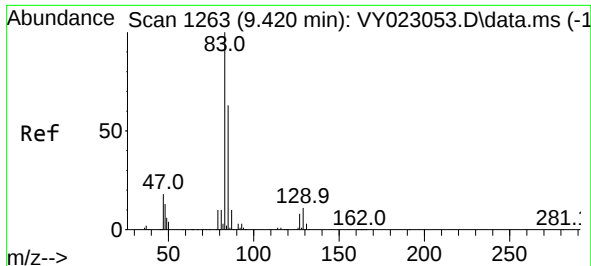
Ion Ratio Lower Upper

93 100

95 81.5 66.5 99.7

174 100.8 81.8 122.8





#47

Bromodichloromethane

Concen: 19.843 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

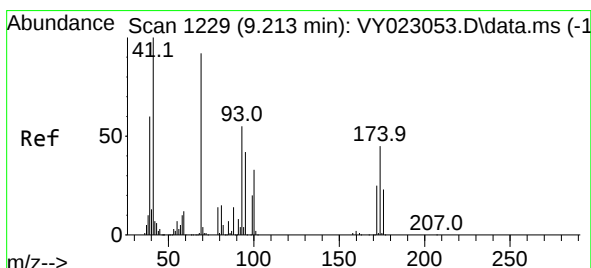
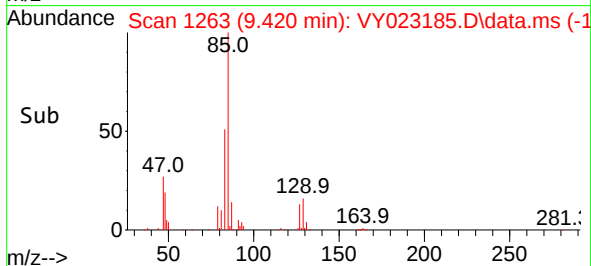
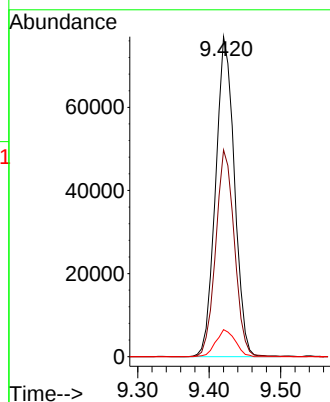
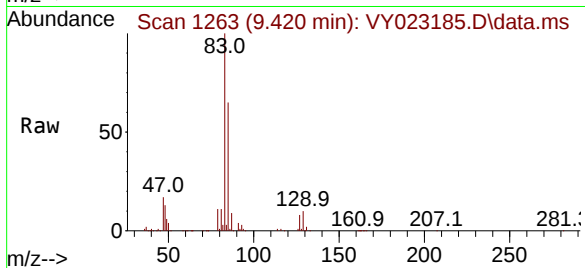
Tgt Ion: 83 Resp: 140846

Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.4

127 8.5 6.6 10.0



#48

Methyl methacrylate

Concen: 16.071 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

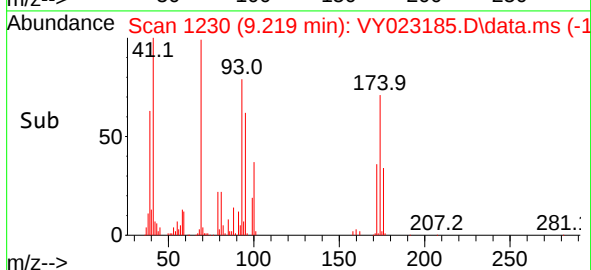
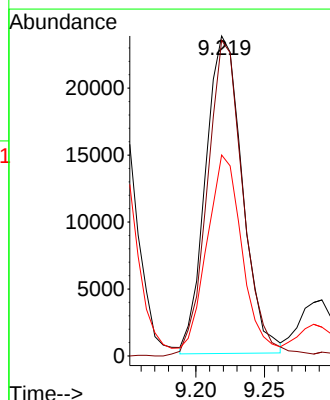
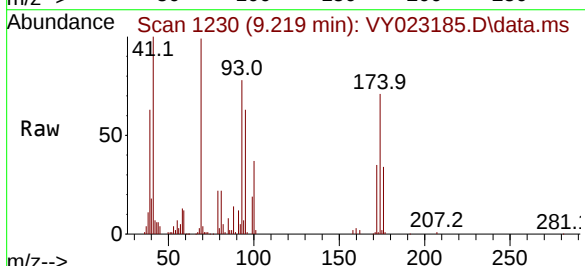
Tgt Ion: 41 Resp: 44249

Ion Ratio Lower Upper

41 100

69 96.6 73.2 109.8

39 56.7 47.0 70.4





#49

1,4-Dioxane

Concen: 301.911 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

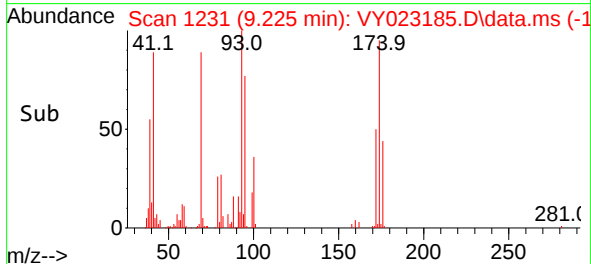
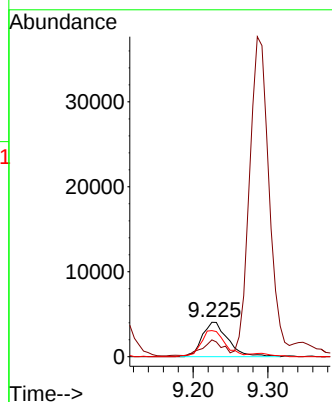
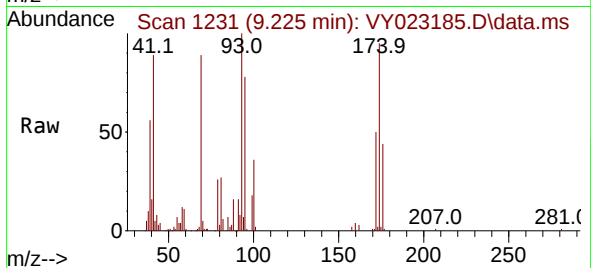
Tgt Ion: 88 Resp: 9765

Ion Ratio Lower Upper

88 100

43 36.2 24.3 36.5

58 70.5 55.4 83.0



#50

Toluene-d8

Concen: 49.899 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023185.D

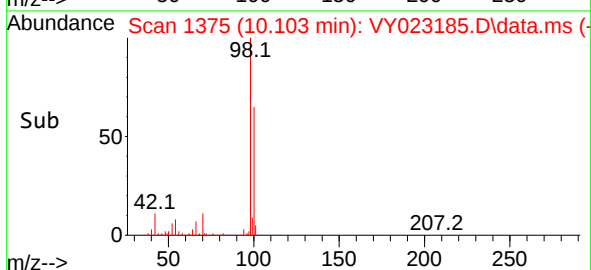
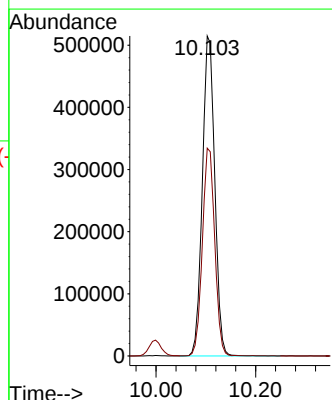
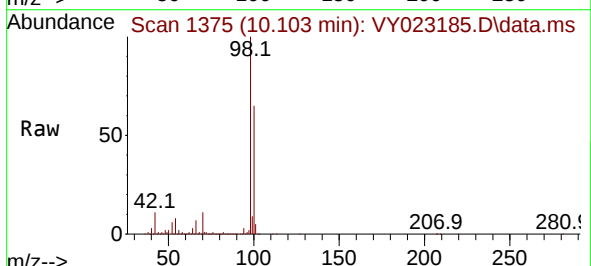
Acq: 22 Aug 2025 11:43

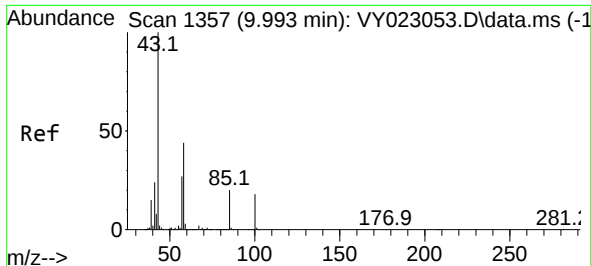
Tgt Ion: 98 Resp: 888919

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 81.937 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

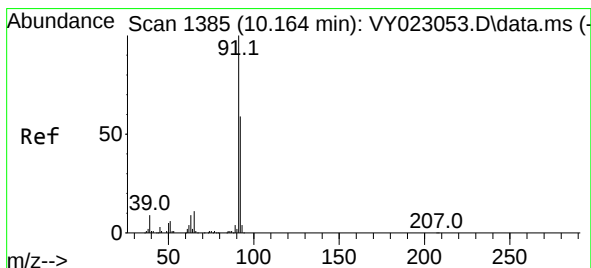
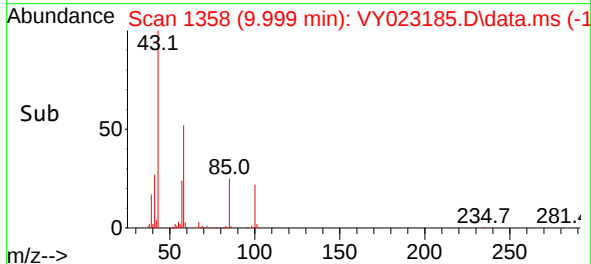
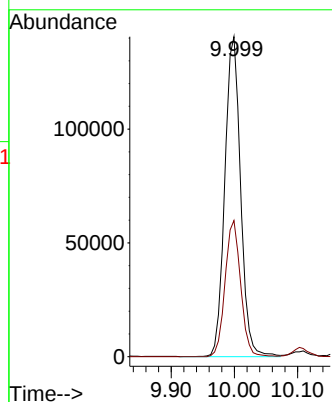
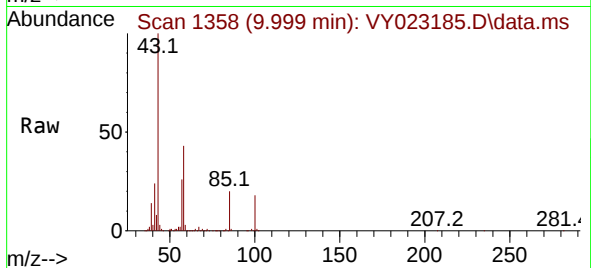
VY0822SBS01

Tgt Ion: 43 Resp: 243186

Ion Ratio Lower Upper

43 100

58 41.8 33.5 50.3



#52

Toluene

Concen: 20.226 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023185.D

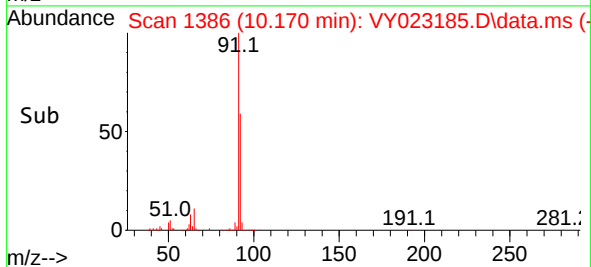
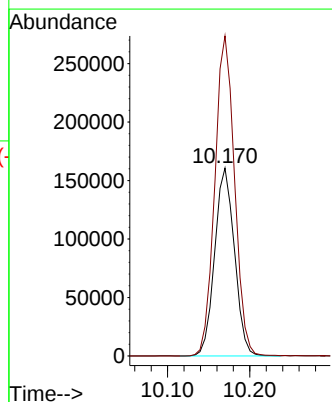
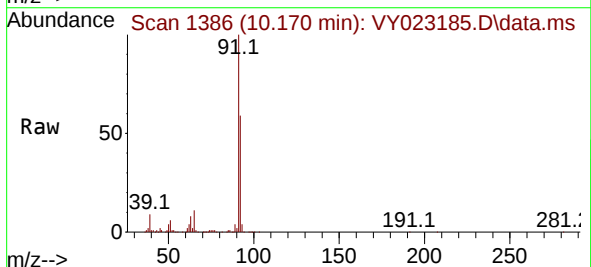
Acq: 22 Aug 2025 11:43

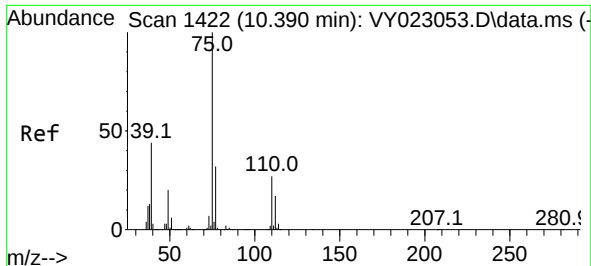
Tgt Ion: 92 Resp: 268326

Ion Ratio Lower Upper

92 100

91 170.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.629 ug/l

RT: 10.389 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

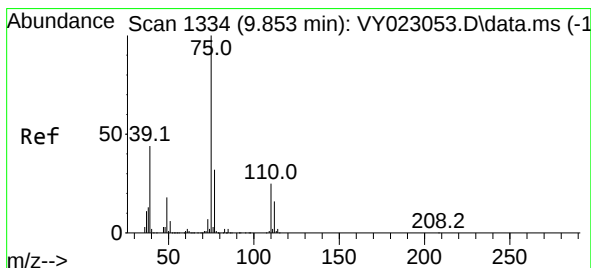
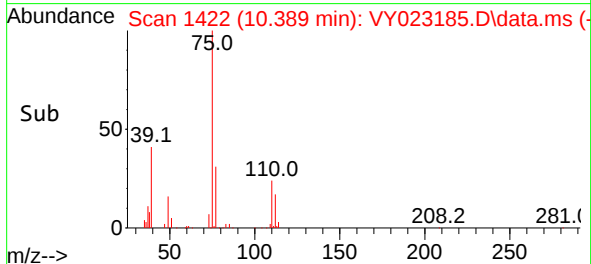
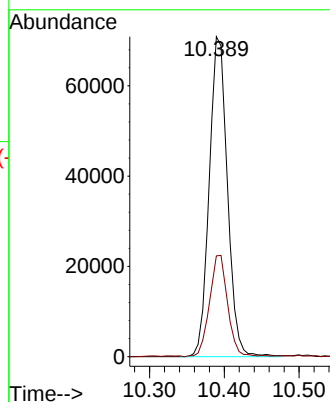
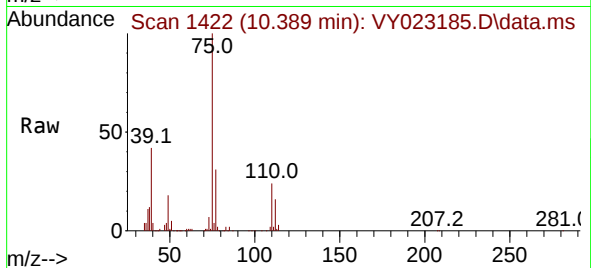
VY0822SBS01

Tgt Ion: 75 Resp: 119738

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.119 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

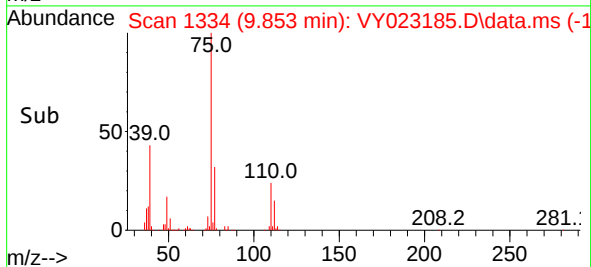
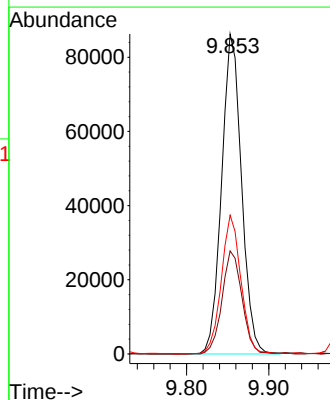
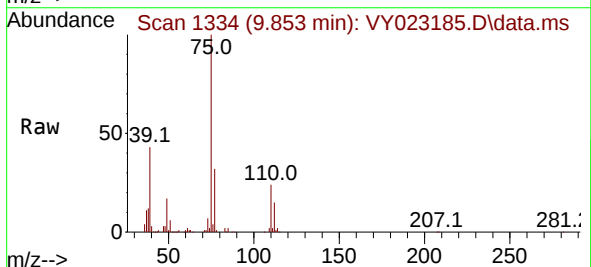
Tgt Ion: 75 Resp: 145314

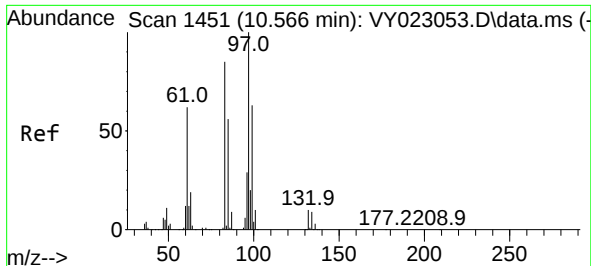
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 43.3 35.6 53.4

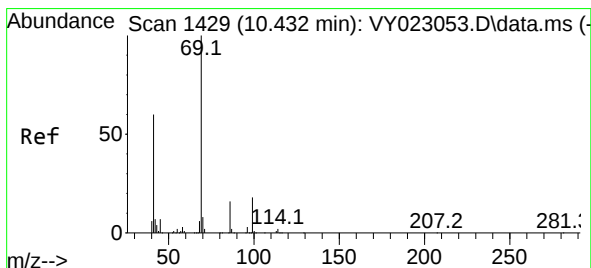
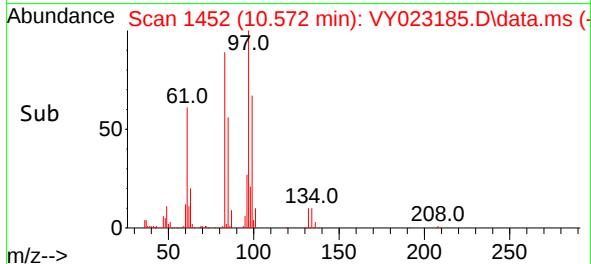
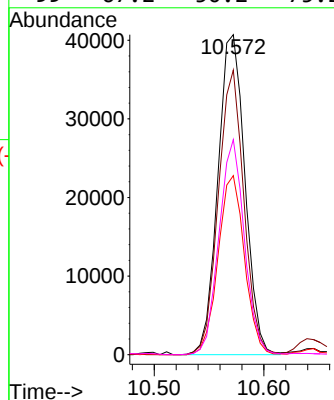
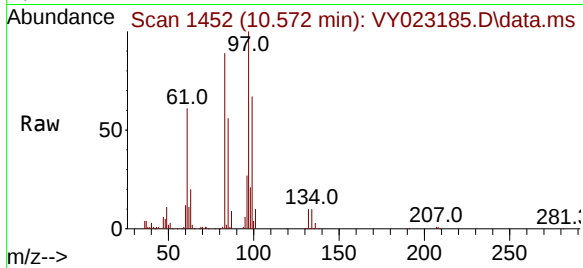




#55
1,1,2-Trichloroethane
Concen: 18.912 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

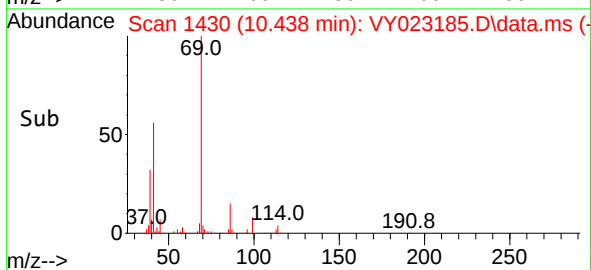
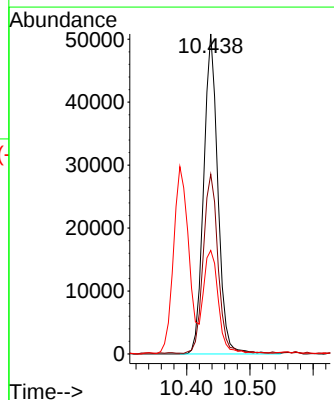
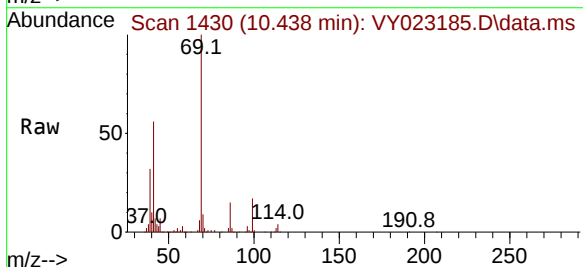
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

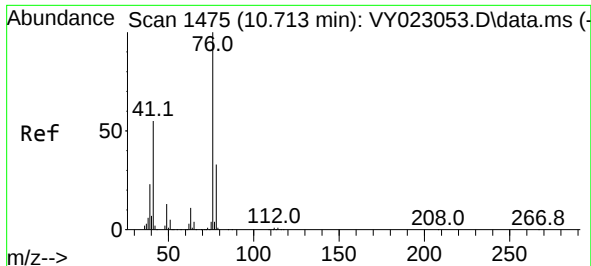
Tgt Ion:	97	Resp:	69805
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.7	101.5
85	56.0	44.5	66.7
99	67.2	50.2	75.2



#56
Ethyl methacrylate
Concen: 16.868 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion:	69	Resp:	79668
Ion	Ratio	Lower	Upper
69	100		
41	57.9	48.6	72.8
39	32.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 18.916 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

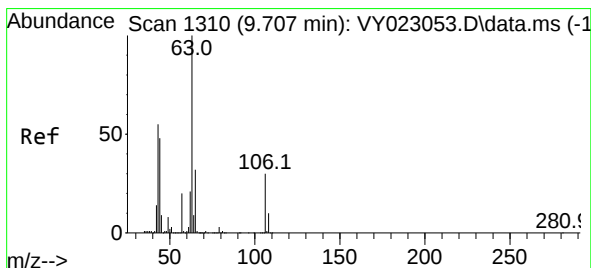
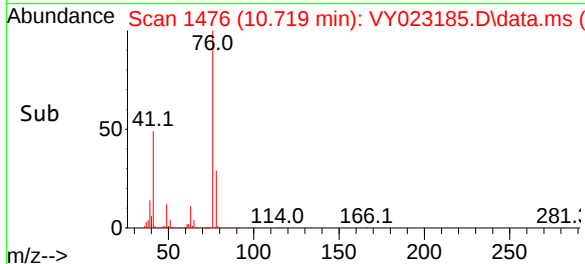
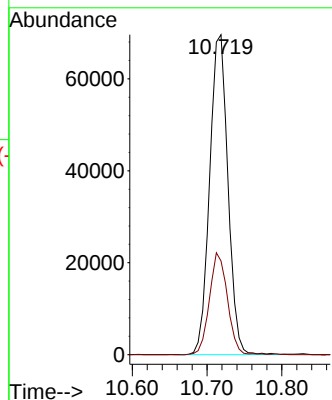
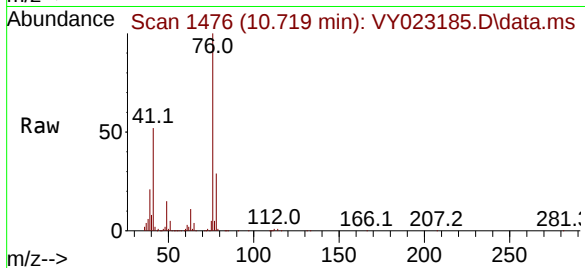
VY0822SBS01

Tgt Ion: 76 Resp: 118409

Ion Ratio Lower Upper

76 100

78 31.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.653 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023185.D

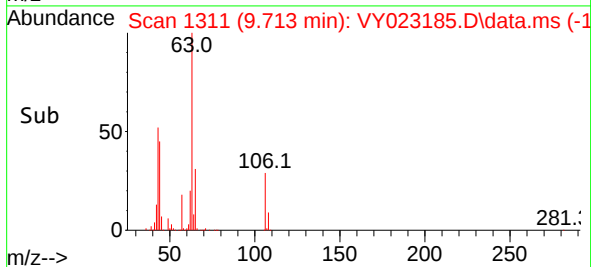
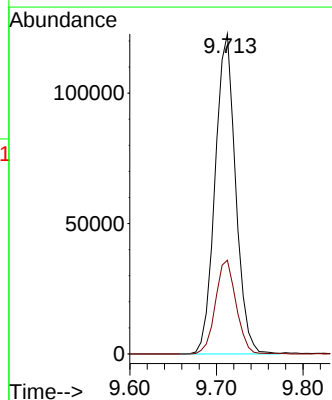
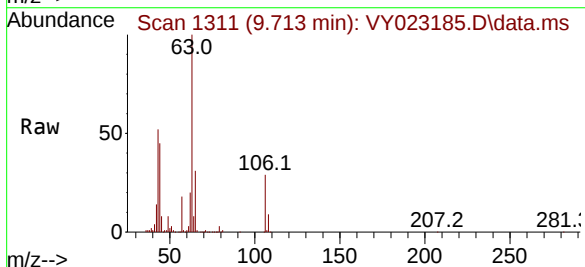
Acq: 22 Aug 2025 11:43

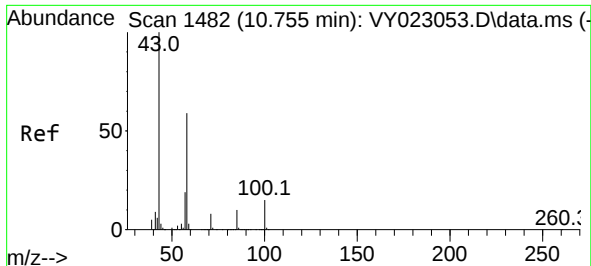
Tgt Ion: 63 Resp: 201968

Ion Ratio Lower Upper

63 100

106 29.5 23.2 34.8

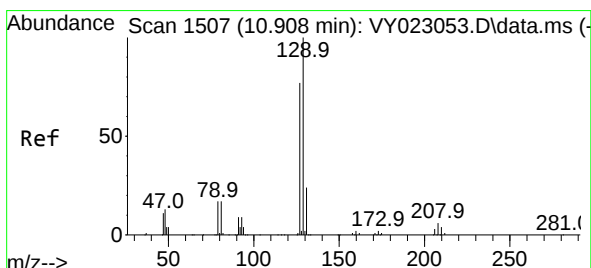
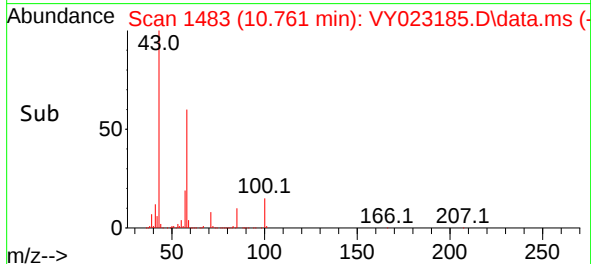
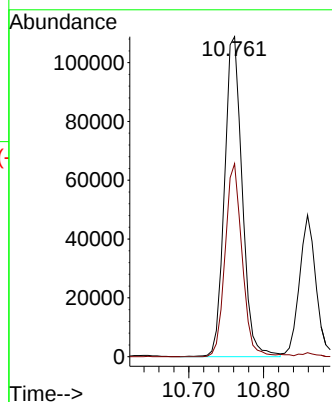
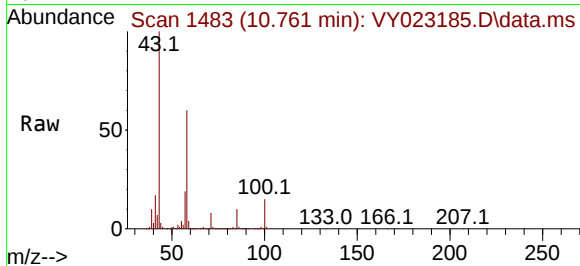




#59
2-Hexanone
Concen: 88.800 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

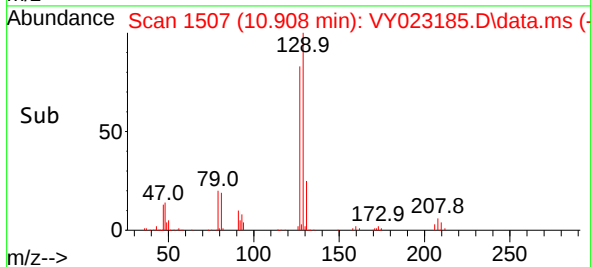
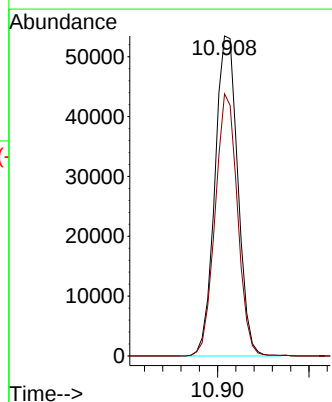
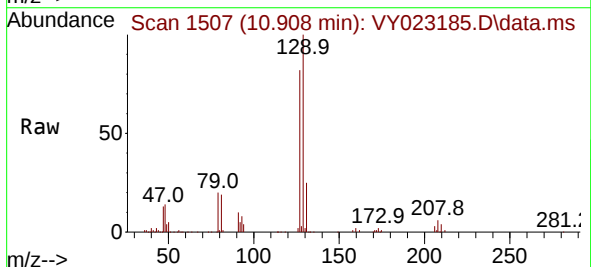
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

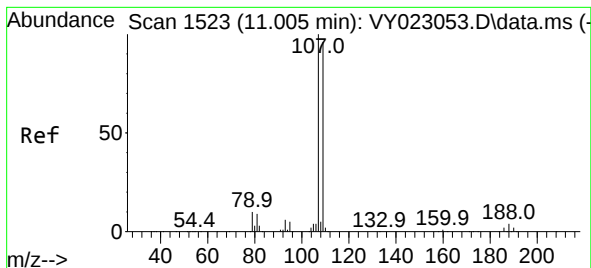
Tgt Ion: 43 Resp: 179464
Ion Ratio Lower Upper
43 100
58 57.7 29.5 88.5



#60
Dibromochloromethane
Concen: 19.089 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 129 Resp: 92970
Ion Ratio Lower Upper
129 100
127 80.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.889 ug/l

RT: 11.011 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

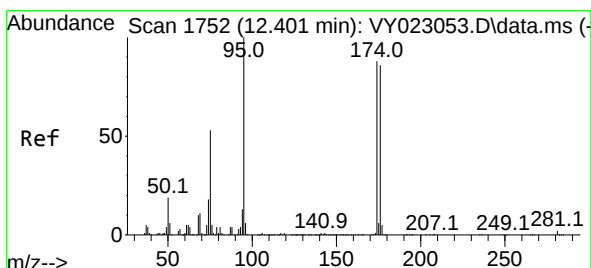
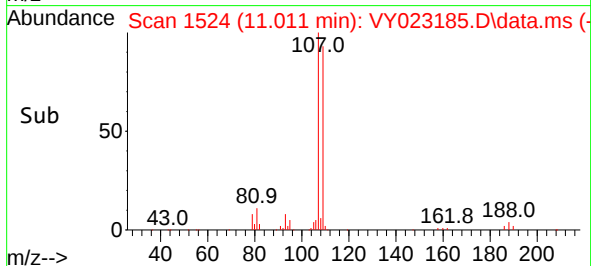
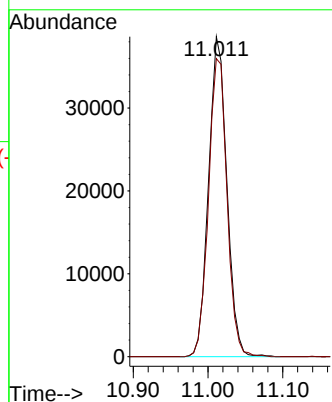
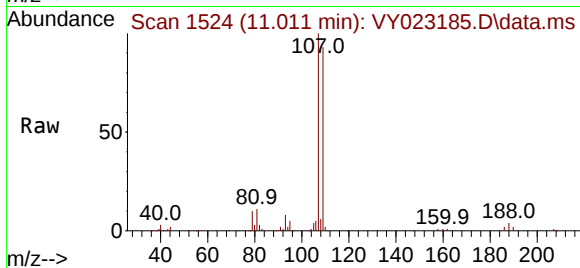
VY0822SBS01

Tgt Ion:107 Resp: 65530

Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.774 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

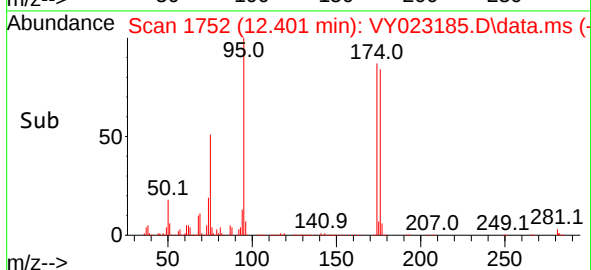
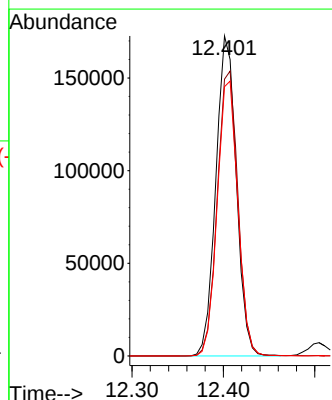
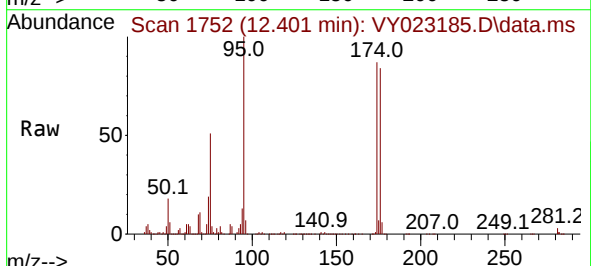
Tgt Ion: 95 Resp: 267969

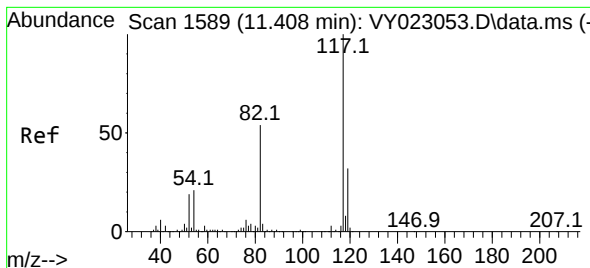
Ion Ratio Lower Upper

95 100

174 90.5 0.0 171.6

176 87.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

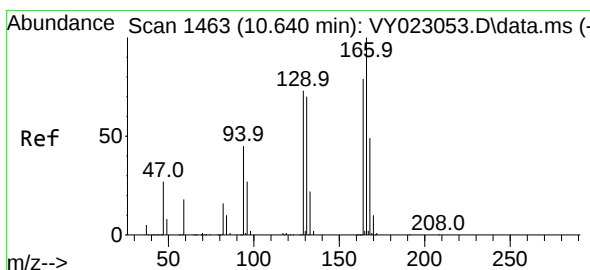
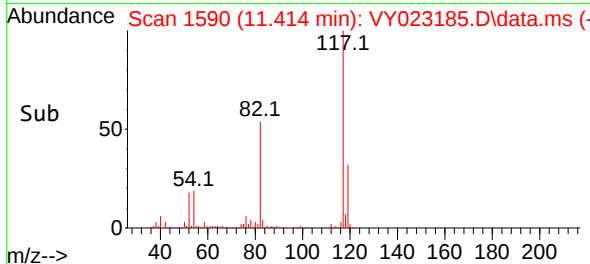
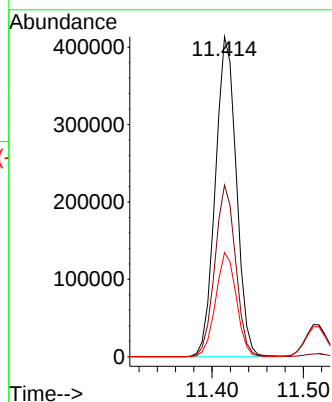
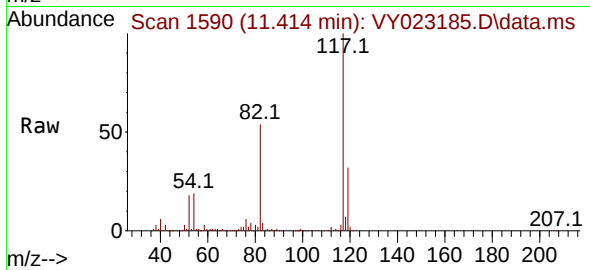
Tgt Ion:117 Resp: 660664

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 22.244 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Tgt Ion:164 Resp: 131221

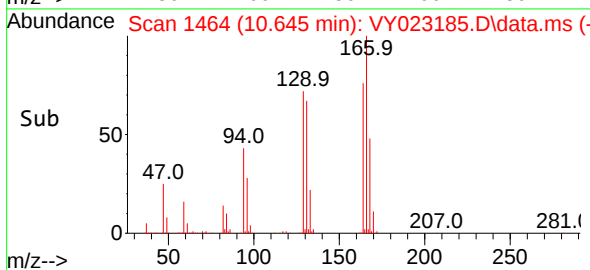
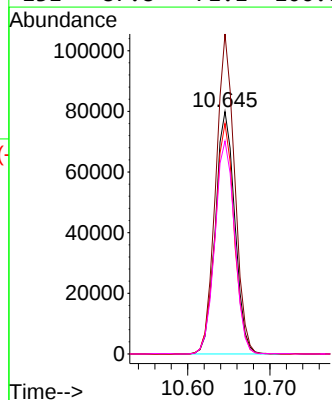
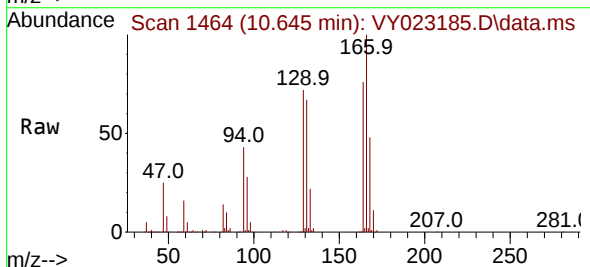
Ion Ratio Lower Upper

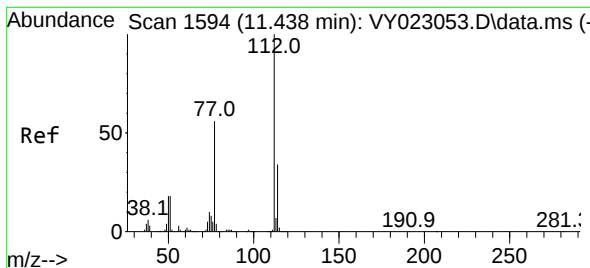
164 100

166 132.0 101.1 151.7

129 95.1 74.0 111.0

131 87.8 71.1 106.7

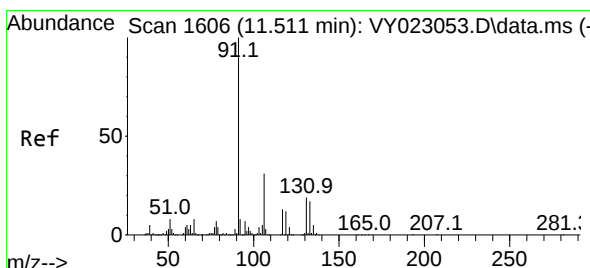
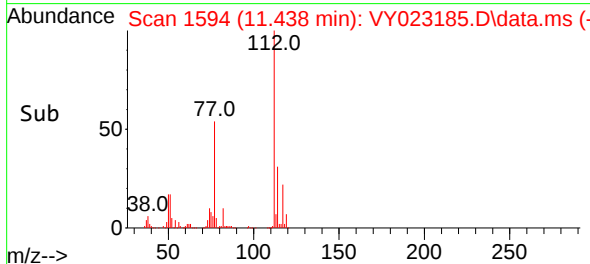
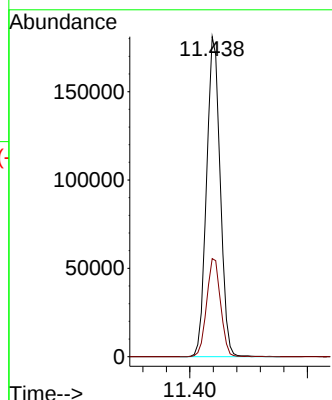
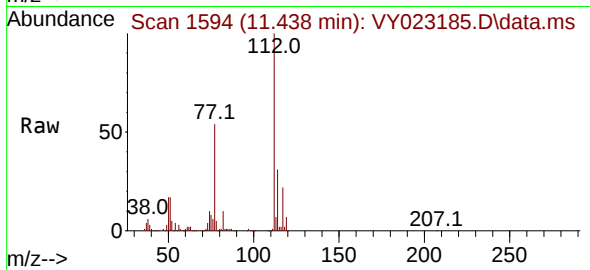




#65
Chlorobenzene
Concen: 20.489 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

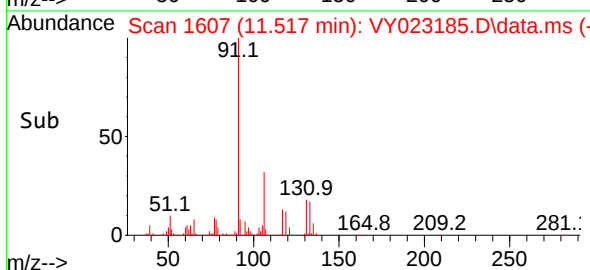
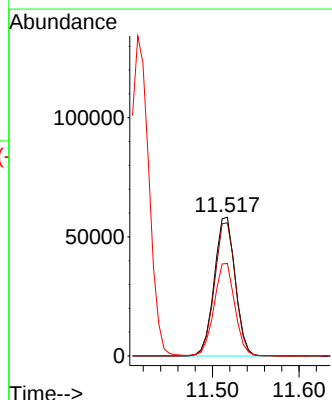
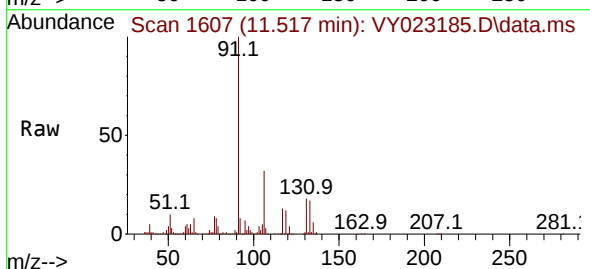
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

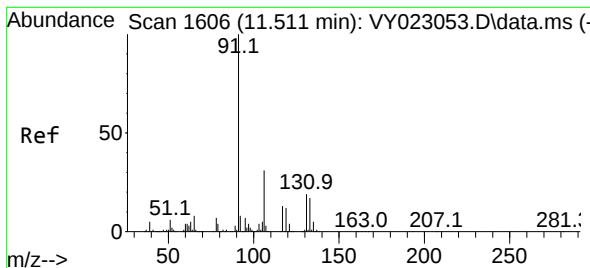
Tgt Ion:112 Resp: 291973
Ion Ratio Lower Upper
112 100
114 30.7 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.283 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion:131 Resp: 98100
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.6
119 66.1 33.2 99.6

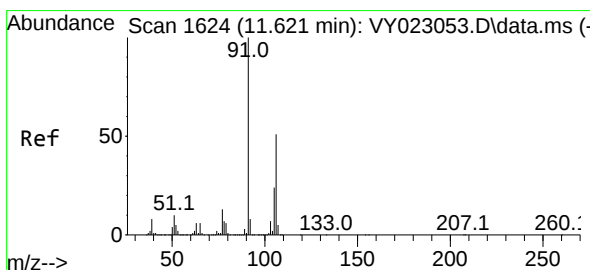
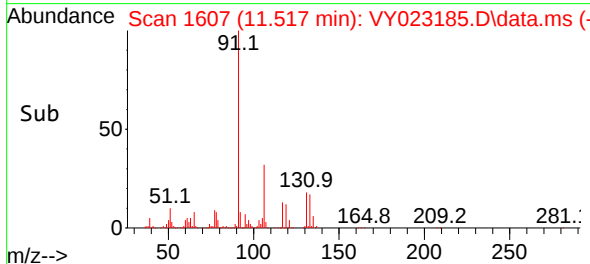
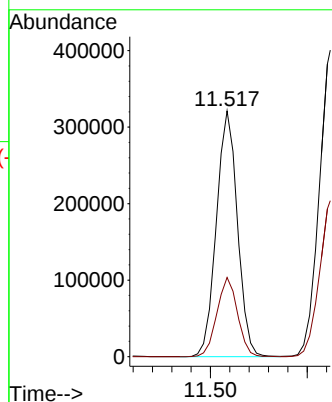
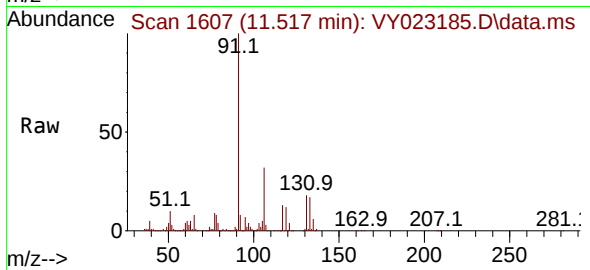




#67
Ethyl Benzene
Concen: 19.775 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

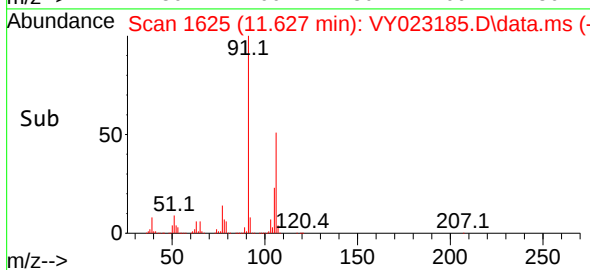
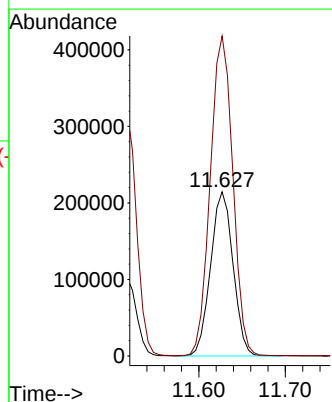
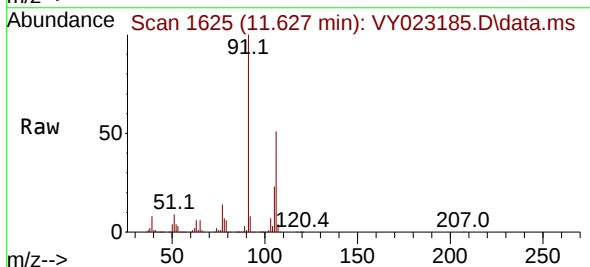
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

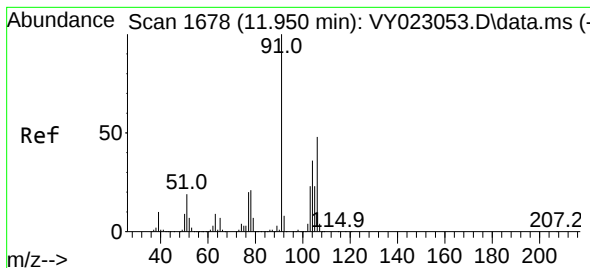
Tgt Ion: 91 Resp: 484951
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.4



#68
m/p-Xylenes
Concen: 40.375 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion:106 Resp: 386714
Ion Ratio Lower Upper
106 100
91 195.8 158.6 238.0

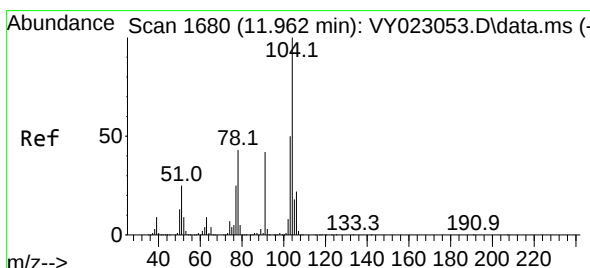
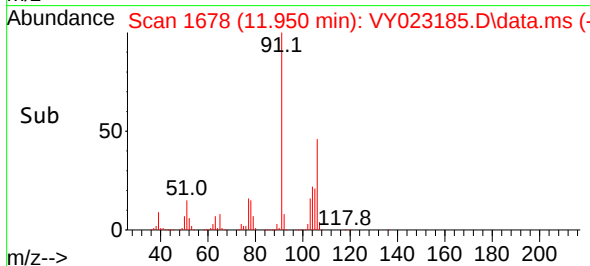
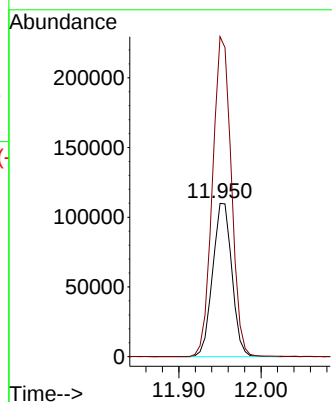
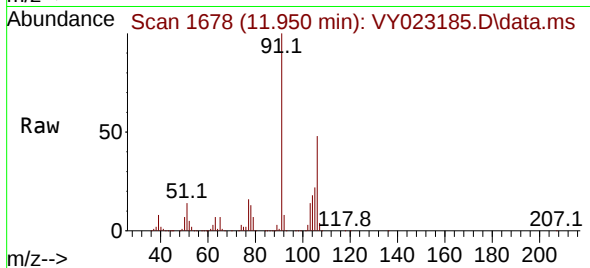




#69
o-Xylene
Concen: 19.902 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

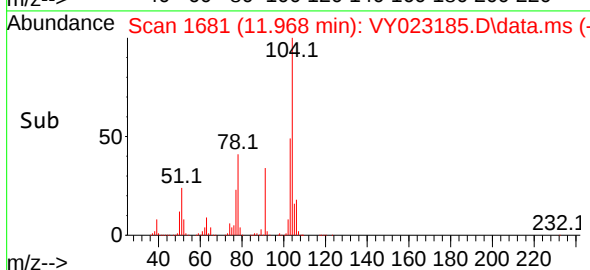
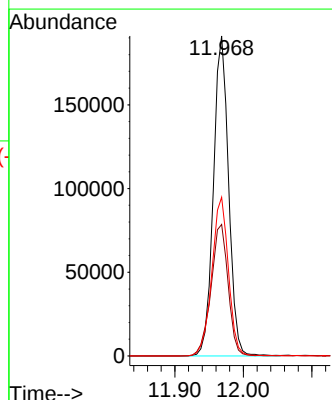
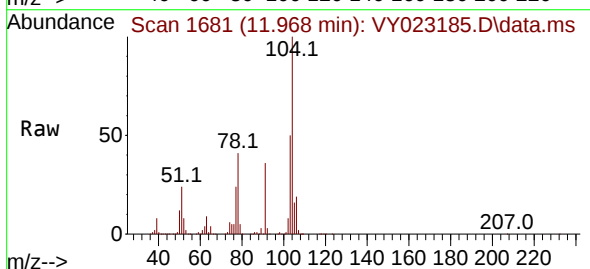
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

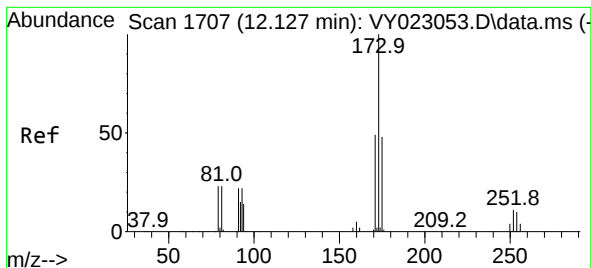
Tgt Ion:106 Resp: 178540
Ion Ratio Lower Upper
106 100
91 204.7 103.2 309.4



#70
Styrene
Concen: 20.026 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion:104 Resp: 293789
Ion Ratio Lower Upper
104 100
78 46.3 38.5 57.7
103 54.2 43.7 65.5





#71

Bromoform

Concen: 18.840 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

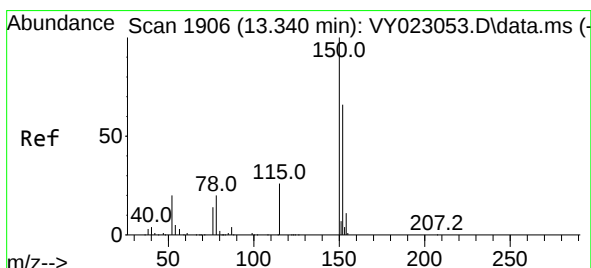
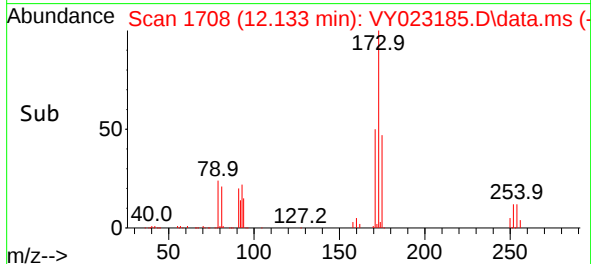
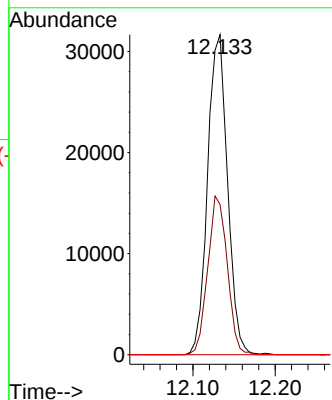
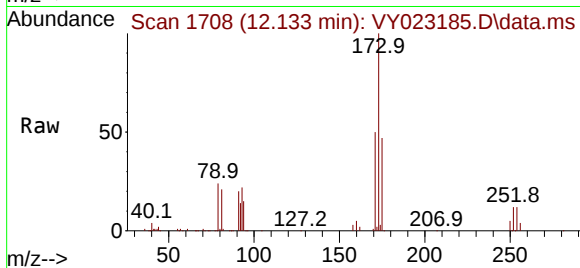
Tgt Ion:173 Resp: 53254

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

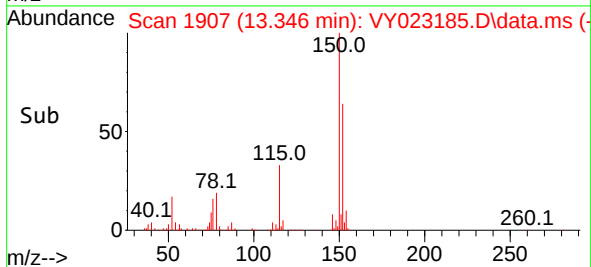
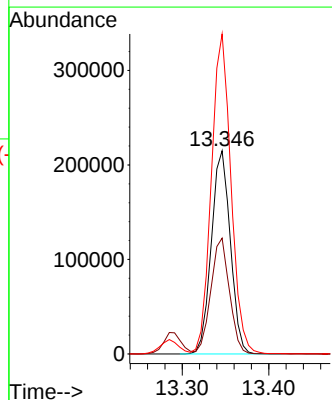
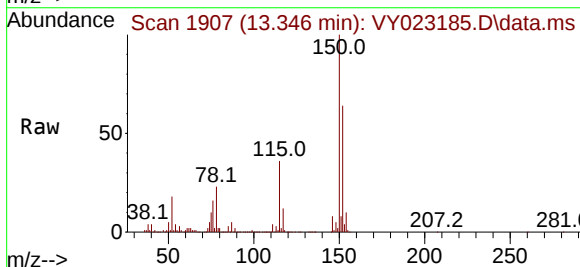
Tgt Ion:152 Resp: 327653

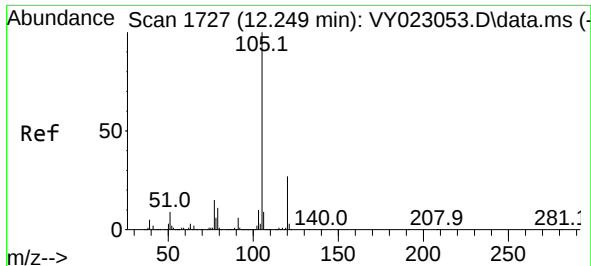
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

150 162.4 0.0 348.0

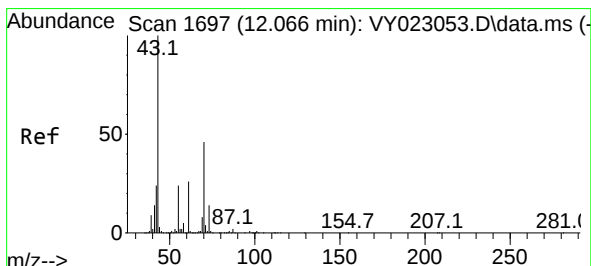
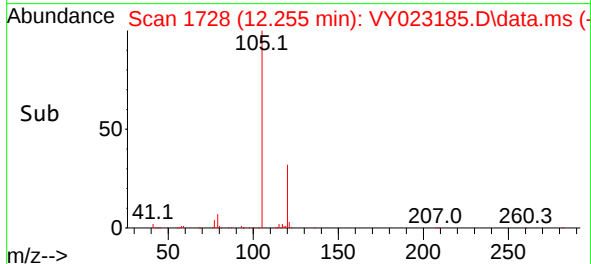
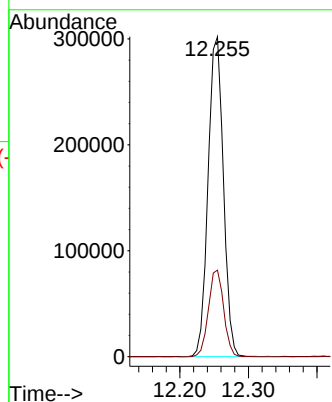
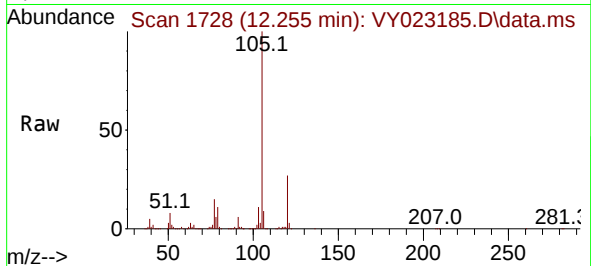




#73
Isopropylbenzene
Concen: 20.246 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

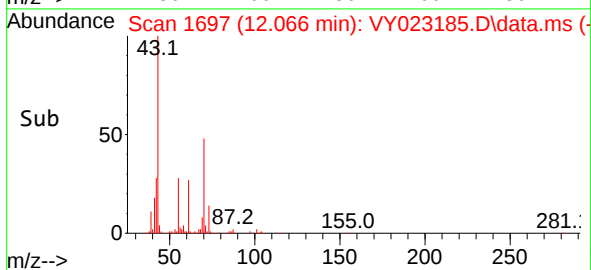
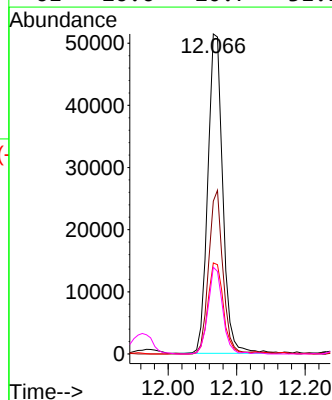
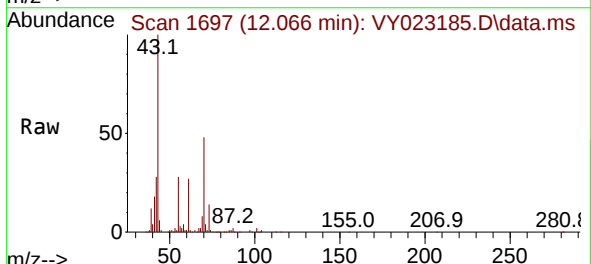
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

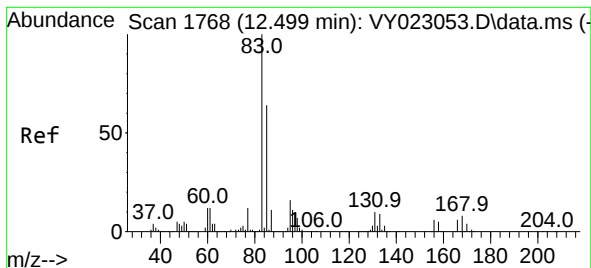
Tgt Ion:105 Resp: 468204
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 15.921 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 43 Resp: 78080
Ion Ratio Lower Upper
43 100
70 49.6 37.5 56.3
55 29.5 20.7 31.1
61 26.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.276 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

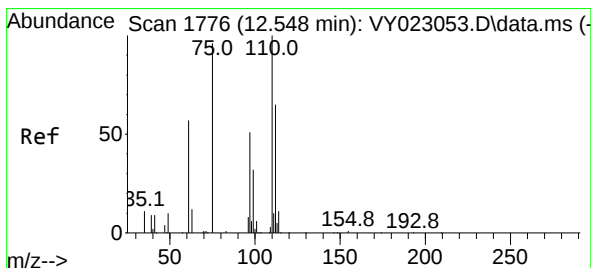
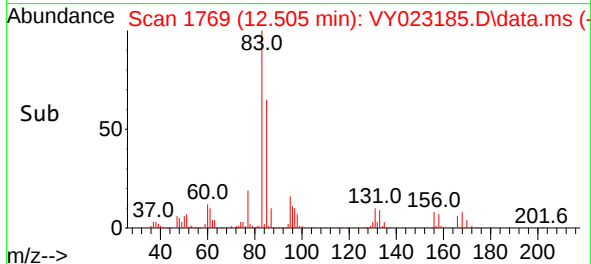
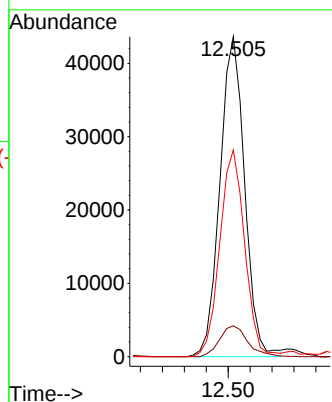
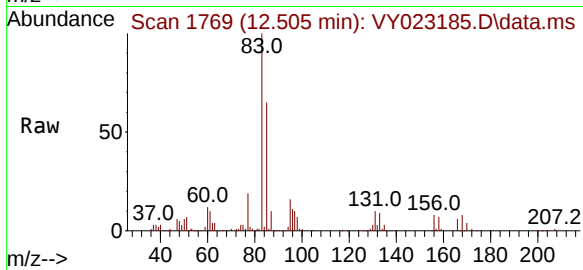
Tgt Ion: 83 Resp: 68218

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

85 65.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 29.967 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023185.D

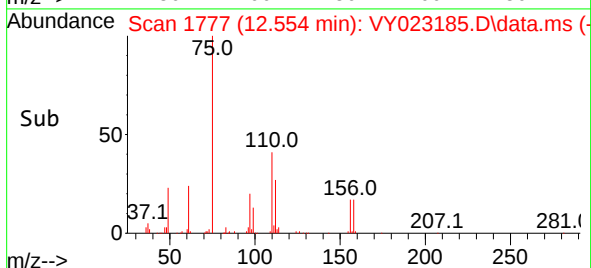
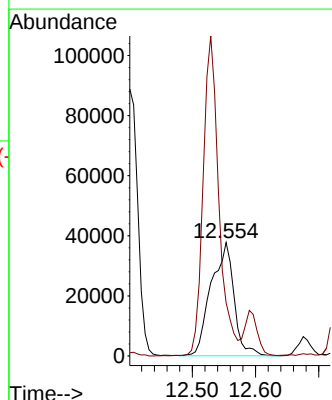
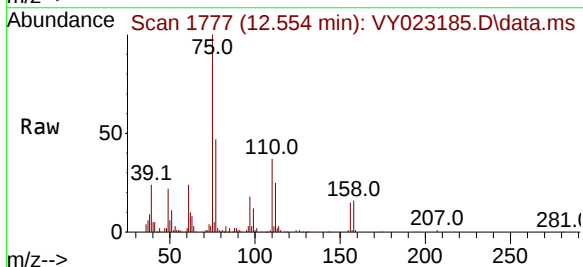
Acq: 22 Aug 2025 11:43

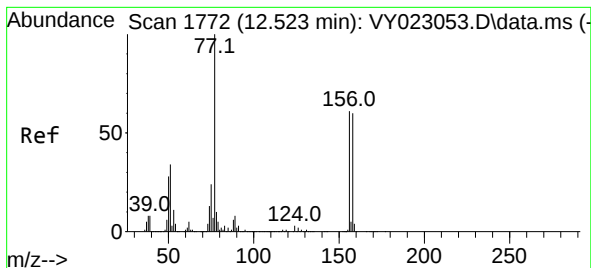
Tgt Ion: 75 Resp: 94762

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.742 ug/l

RT: 12.529 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

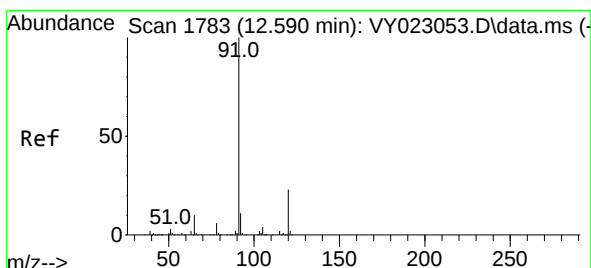
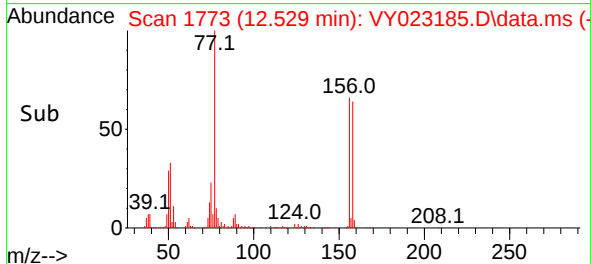
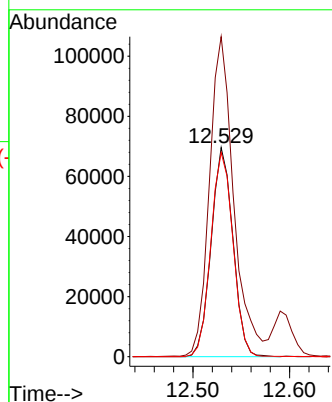
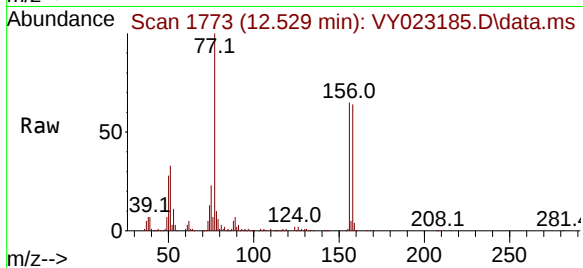
Tgt Ion:156 Resp: 108919

Ion Ratio Lower Upper

156 100

77 170.5 88.1 264.4

158 99.5 48.0 144.0



#78

n-propylbenzene

Concen: 20.563 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023185.D

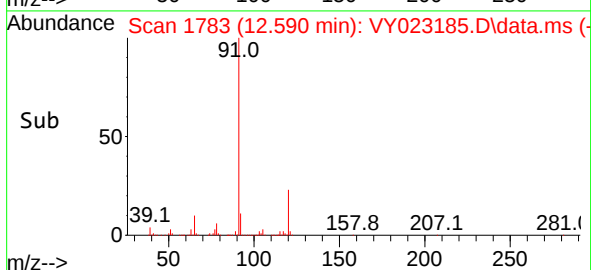
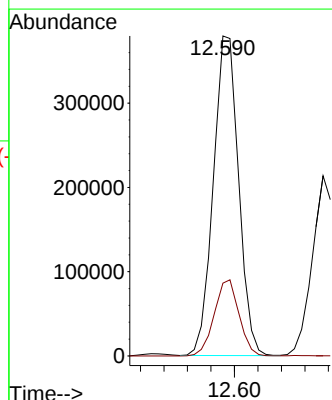
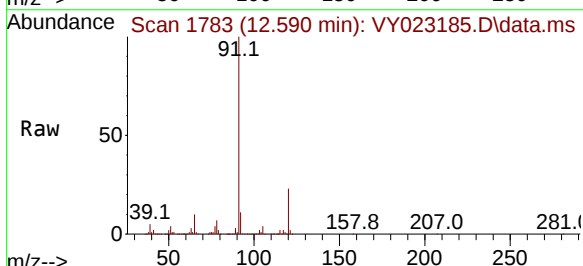
Acq: 22 Aug 2025 11:43

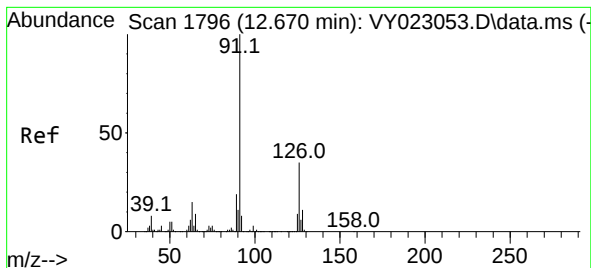
Tgt Ion: 91 Resp: 566146

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5

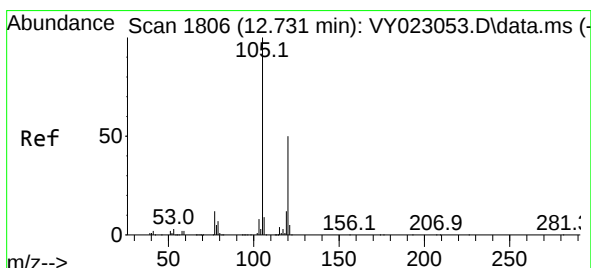
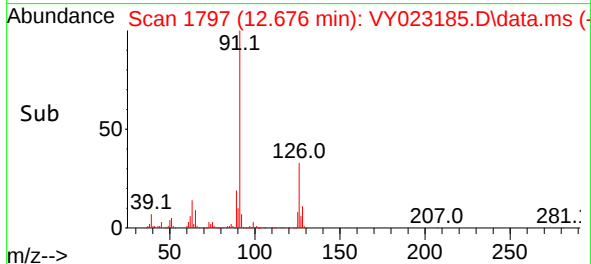
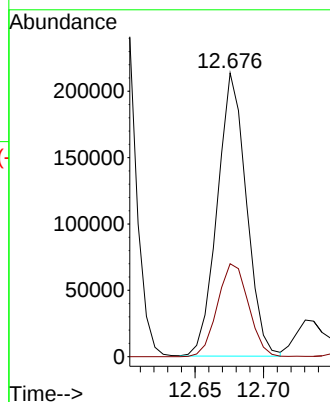
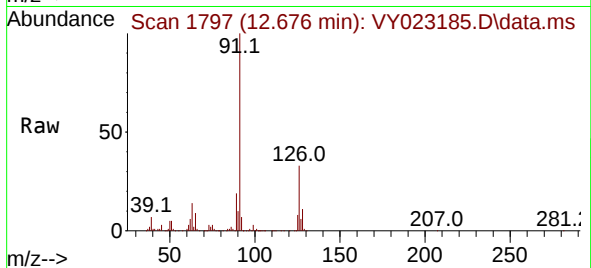




#79
2-Chlorotoluene
Concen: 19.989 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

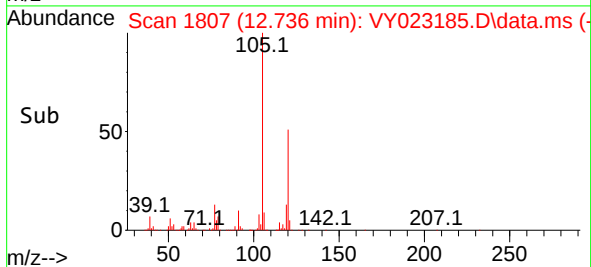
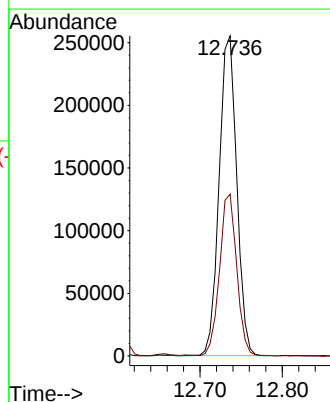
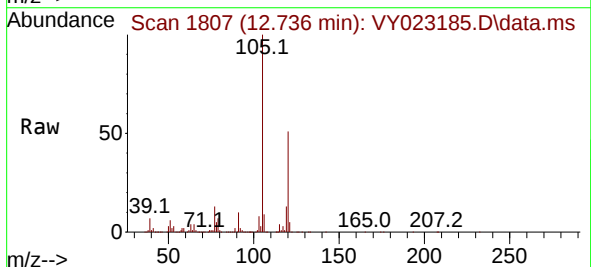
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

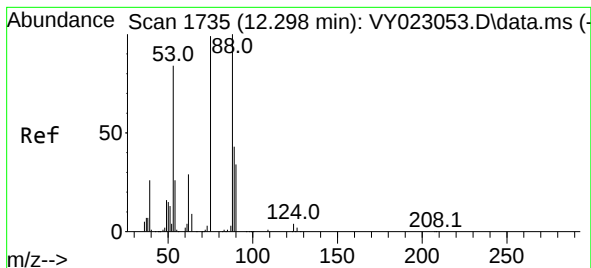
Tgt Ion: 91 Resp: 315330
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.286 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 105 Resp: 379144
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4

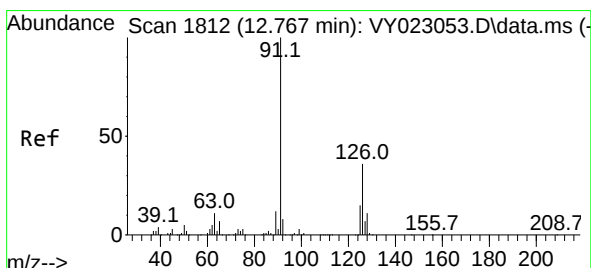
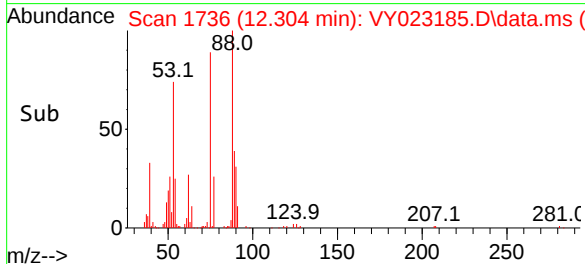
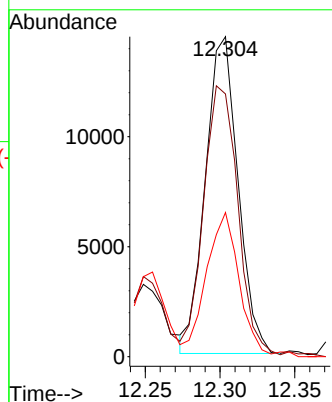
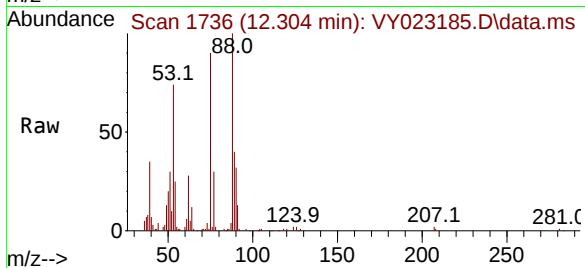




#81
trans-1,4-Dichloro-2-butene
Concen: 16.748 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

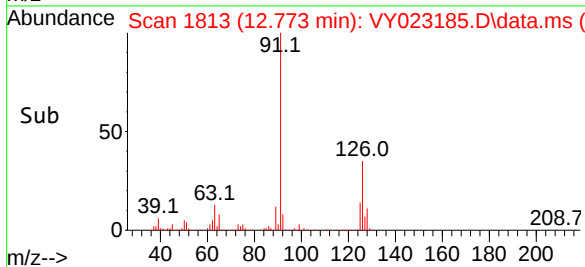
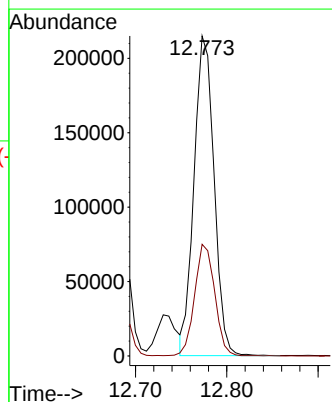
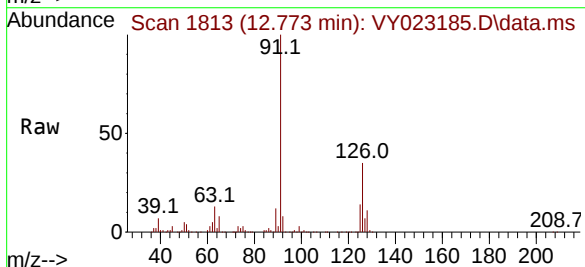
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

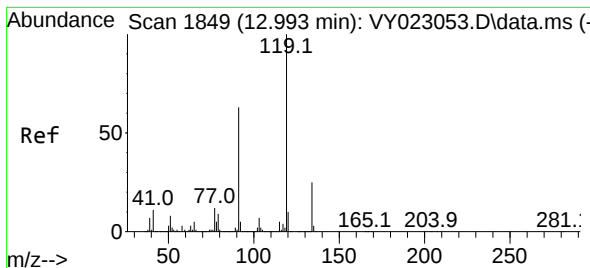
Tgt Ion: 75 Resp: 21879
Ion Ratio Lower Upper
75 100
53 88.9 70.8 106.2
89 46.4 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.977 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 91 Resp: 326908
Ion Ratio Lower Upper
91 100
126 35.1 17.3 52.0

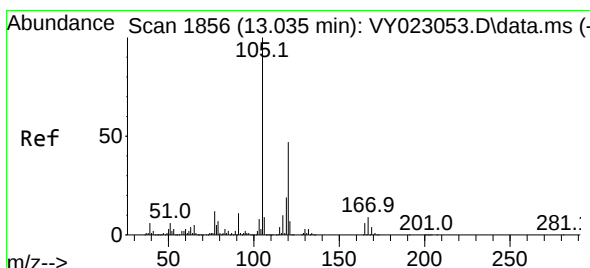
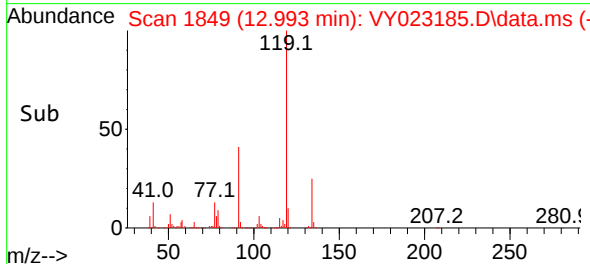
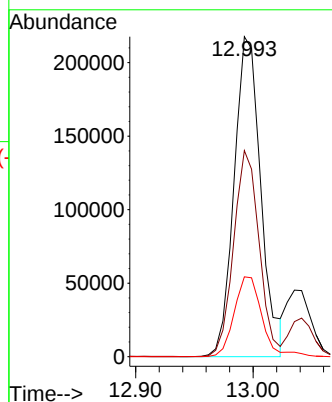
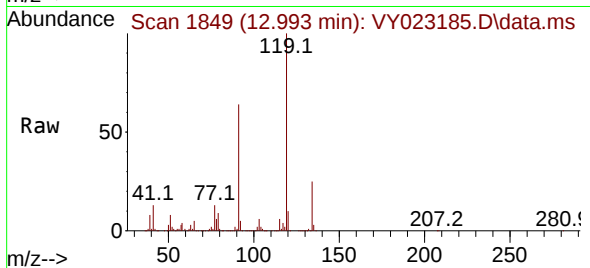




#83
 tert-Butylbenzene
 Concen: 20.394 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY023185.D
 Acq: 22 Aug 2025 11:43

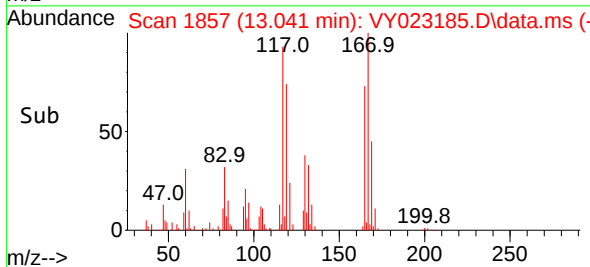
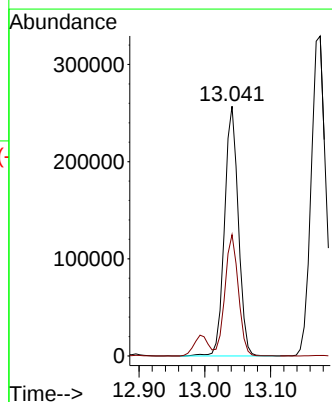
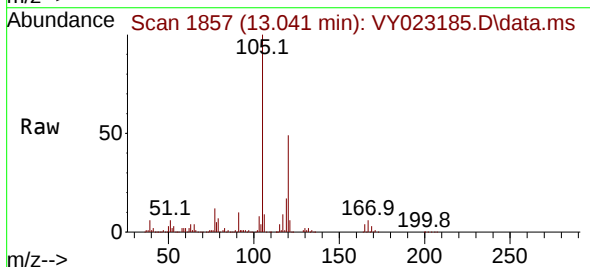
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

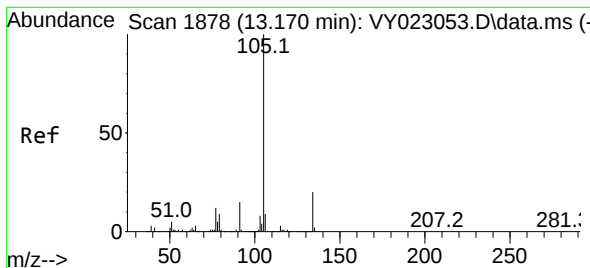
Tgt Ion:119 Resp: 344244
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.6 94.8
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.171 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023185.D
 Acq: 22 Aug 2025 11:43

Tgt Ion:105 Resp: 375274
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.380 ug/l

RT: 13.175 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

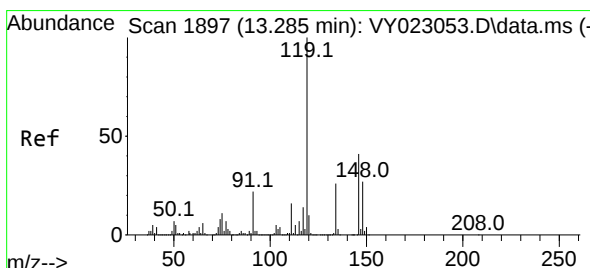
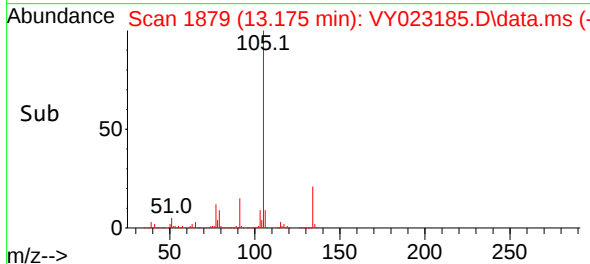
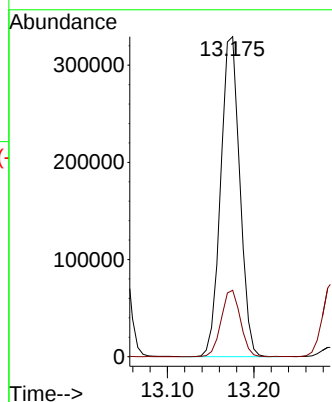
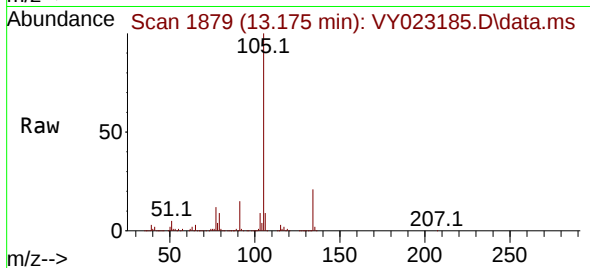
VY0822SBS01

Tgt Ion:105 Resp: 505338

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.435 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

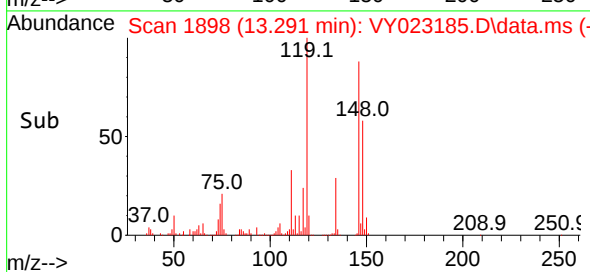
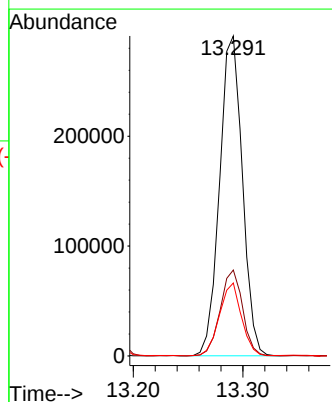
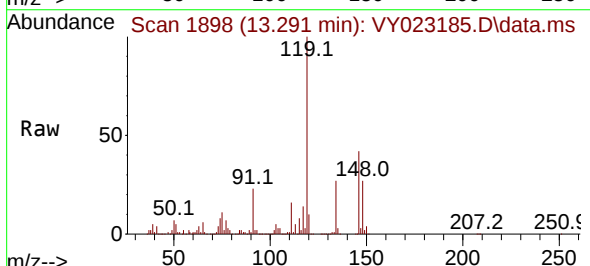
Tgt Ion:119 Resp: 420607

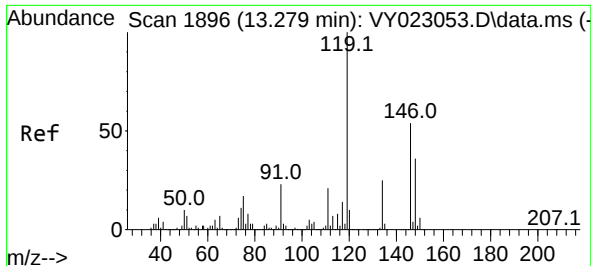
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 22.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.151 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

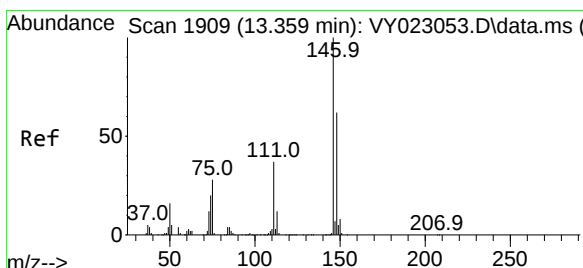
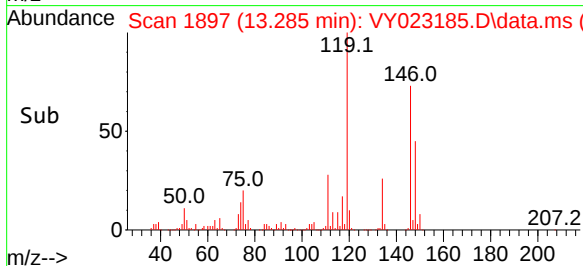
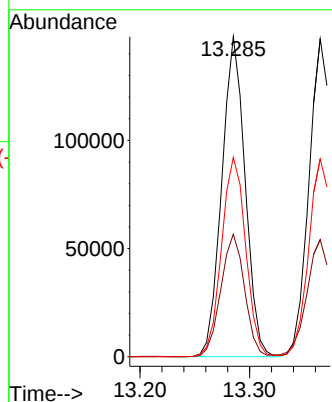
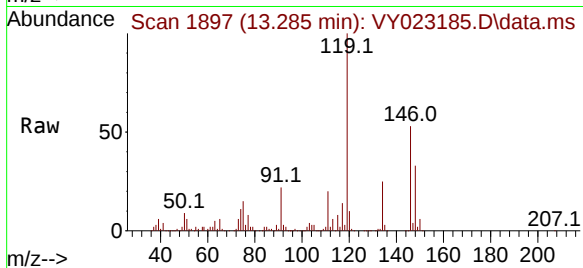
Tgt Ion:146 Resp: 219232

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 64.3 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 20.107 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

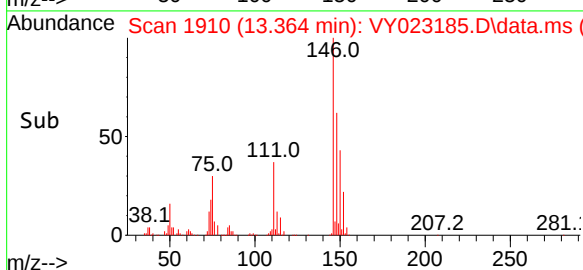
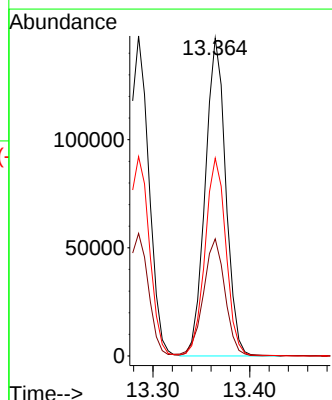
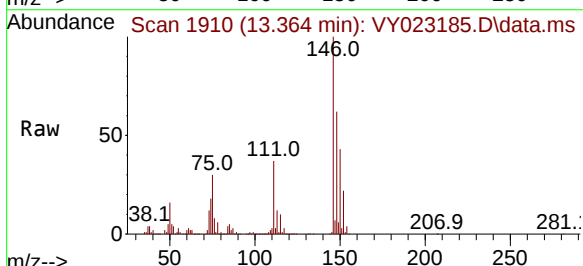
Tgt Ion:146 Resp: 217009

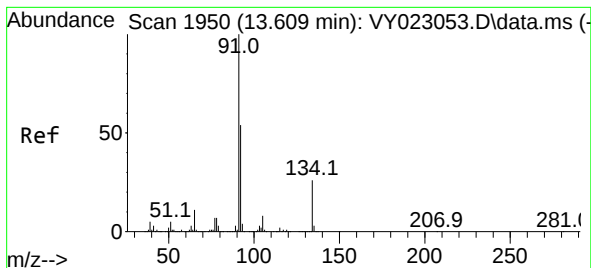
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.1

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 19.975 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

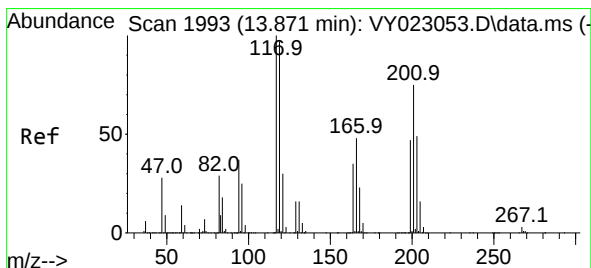
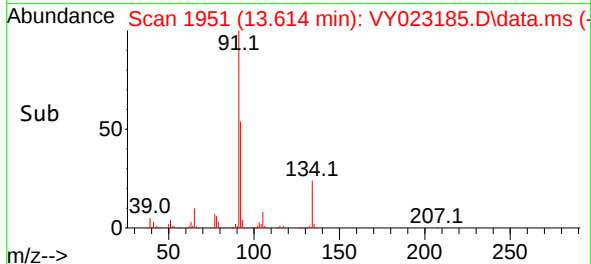
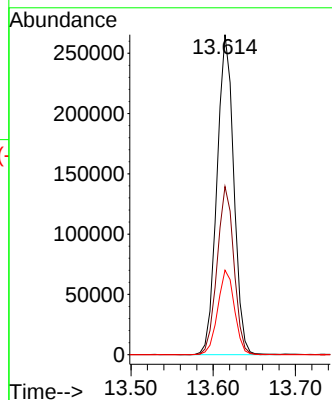
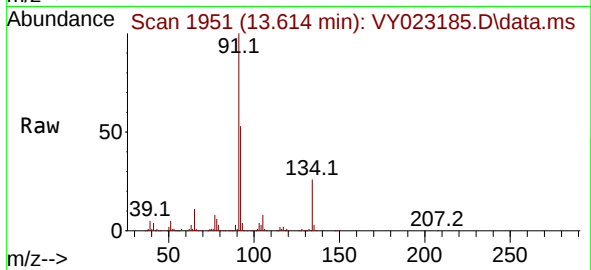
Tgt Ion: 91 Resp: 377605

Ion Ratio Lower Upper

91 100

92 52.4 26.9 80.7

134 26.3 13.2 39.5



#90

Hexachloroethane

Concen: 21.118 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023185.D

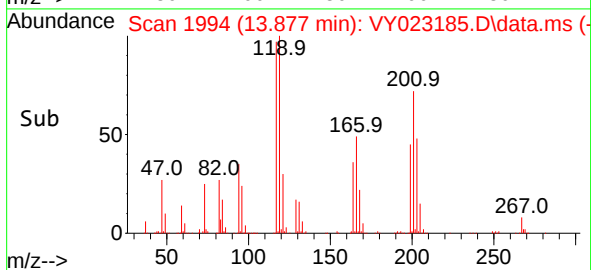
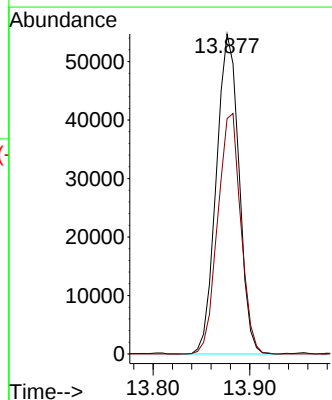
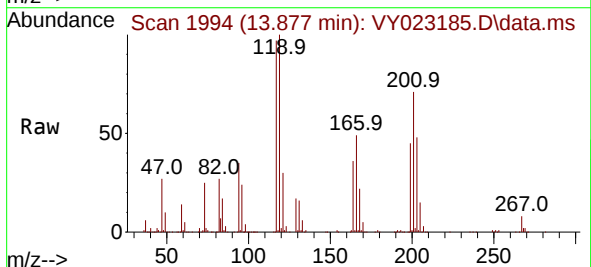
Acq: 22 Aug 2025 11:43

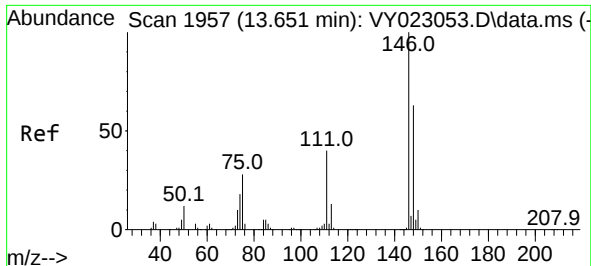
Tgt Ion: 117 Resp: 88981

Ion Ratio Lower Upper

117 100

201 76.5 38.4 115.1

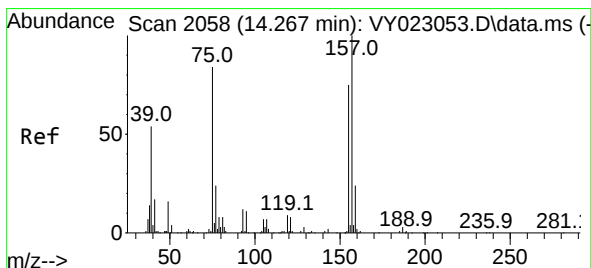
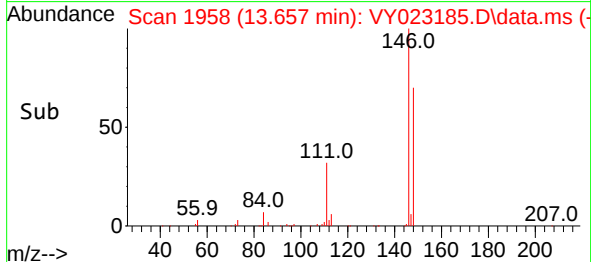
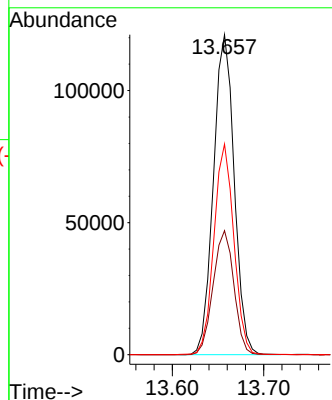
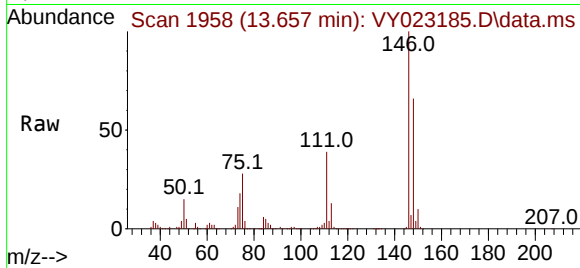




#91
1,2-Dichlorobenzene
Concen: 20.047 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

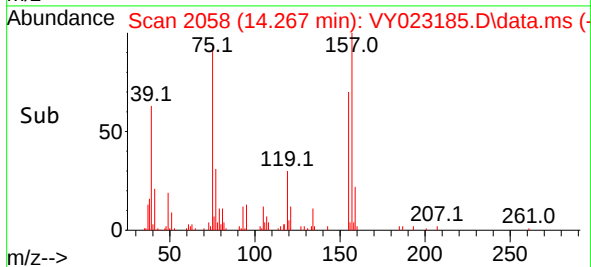
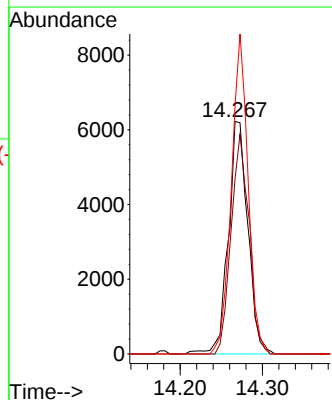
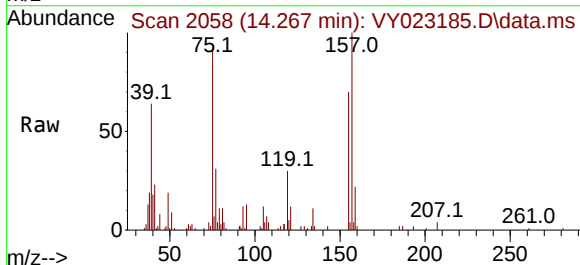
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:146 Resp: 191281
Ion Ratio Lower Upper
146 100
111 38.8 20.3 60.8
148 63.4 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.669 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY023185.D
Acq: 22 Aug 2025 11:43

Tgt Ion: 75 Resp: 10248
Ion Ratio Lower Upper
75 100
155 87.4 43.9 131.6
157 118.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 18.898 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

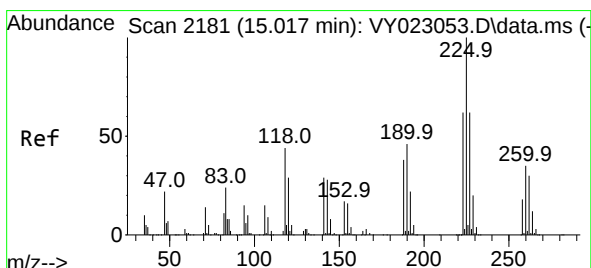
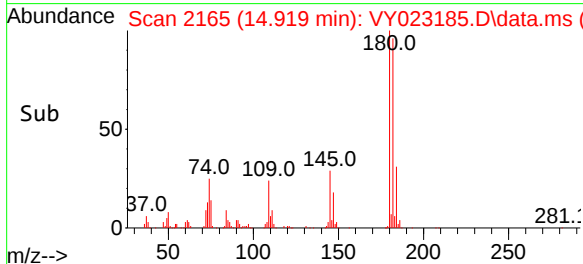
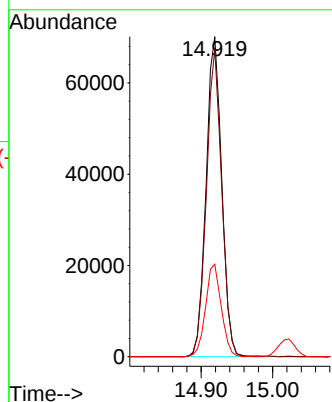
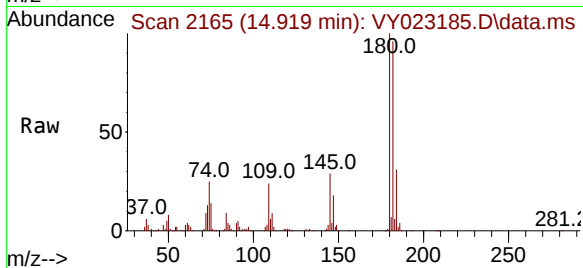
Tgt Ion:180 Resp: 106632

Ion Ratio Lower Upper

180 100

182 94.0 46.8 140.4

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.240 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

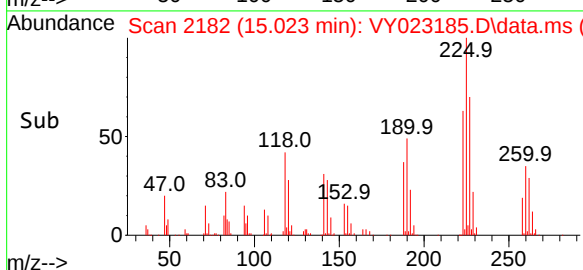
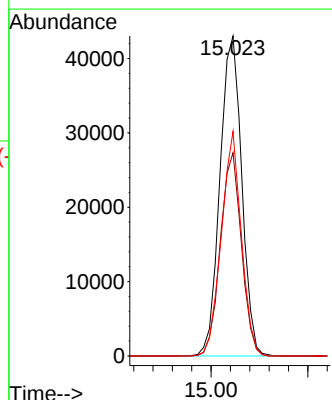
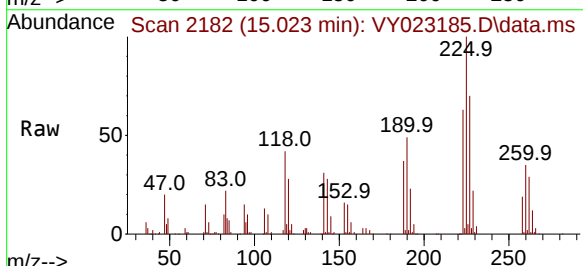
Tgt Ion:225 Resp: 67110

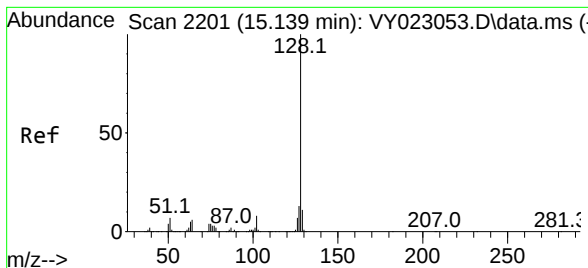
Ion Ratio Lower Upper

225 100

223 61.3 31.3 93.8

227 64.5 31.5 94.5





#95

Naphthalene

Concen: 15.837 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

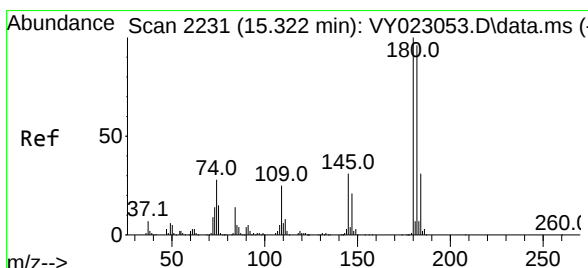
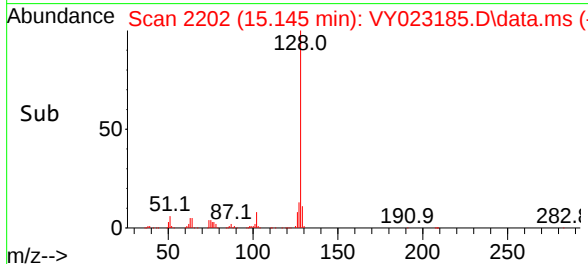
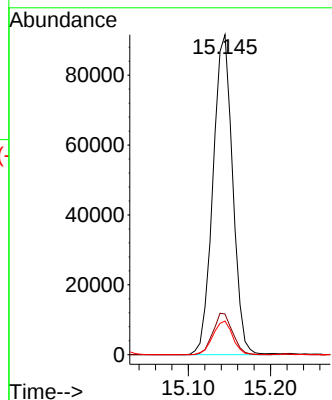
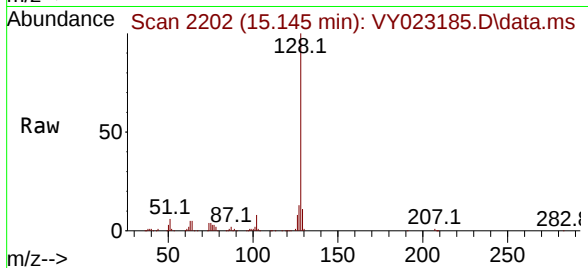
Tgt Ion:128 Resp: 152376

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.6 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 18.187 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023185.D

Acq: 22 Aug 2025 11:43

Tgt Ion:180 Resp: 88429

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 31.6 15.9 47.7

