

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023357.D
 Acq On : 12 Sep 2025 10:08
 Operator : SY/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

Quant Time: Sep 12 23:57:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	491381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	754652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	670373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	351428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	213008	49.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.634	113	231843	50.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.103	98	886366	50.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.402	95	281954	51.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	81962	20.791	ug/l	99
3) Chloromethane	2.074	50	118016	20.921	ug/l	97
4) Vinyl Chloride	2.208	62	151407	21.305	ug/l	99
5) Bromomethane	2.592	94	132728	22.873	ug/l	97
6) Chloroethane	2.733	64	103845	21.593	ug/l	97
7) Trichlorofluoromethane	3.056	101	196625	21.921	ug/l	99
8) Diethyl Ether	3.458	74	49016	20.653	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.812	101	97626	20.239	ug/l	96
10) Methyl Iodide	4.007	142	99054	17.603	ug/l	98
11) Tert butyl alcohol	4.854	59	25802	103.419	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	92977	20.036	ug/l	87
13) Acrolein	3.647	56	36054	85.479	ug/l	96
14) Allyl chloride	4.385	41	113610	19.381	ug/l	95
15) Acrylonitrile	5.055	53	91420	97.848	ug/l	100
16) Acetone	3.866	43	103284	105.014	ug/l	100
17) Carbon Disulfide	4.104	76	292343	19.899	ug/l	99
18) Methyl Acetate	4.385	43	49695	20.598	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	218654	20.040	ug/l	98
20) Methylene Chloride	4.616	84	109775	20.862	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	107527	20.739	ug/l	92
22) Diisopropyl ether	6.019	45	262686	20.122	ug/l	93
23) Vinyl Acetate	5.964	43	694683	96.254	ug/l	96
24) 1,1-Dichloroethane	5.921	63	173883	20.364	ug/l	97
25) 2-Butanone	6.896	43	123225	101.796	ug/l	95
26) 2,2-Dichloropropane	6.884	77	155101	20.572	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	123016	20.952	ug/l	92
28) Bromochloromethane	7.244	49	67552	20.106	ug/l	85
29) Tetrahydrofuran	7.262	42	68271	95.085	ug/l	93
30) Chloroform	7.421	83	191357	20.857	ug/l	96
31) Cyclohexane	7.701	56	146168	19.345	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	167801	20.471	ug/l	99
36) 1,1-Dichloropropene	7.835	75	131597	20.030	ug/l	97
37) Ethyl Acetate	6.988	43	49784	19.048	ug/l	97
38) Carbon Tetrachloride	7.817	117	152901	20.225	ug/l	97
39) Methylcyclohexane	9.109	83	164885	19.617	ug/l	97
40) Benzene	8.079	78	419404	20.537	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	19384	14.322	ug/l #	57
42) 1,2-Dichloroethane	8.158	62	105380	20.268	ug/l	100
43) Isopropyl Acetate	8.201	43	95683	18.823	ug/l	94
44) Trichloroethene	8.866	130	116626	20.503	ug/l	97
45) 1,2-Dichloropropane	9.140	63	93863	20.351	ug/l	99
46) Dibromomethane	9.231	93	56951	20.276	ug/l	97
47) Bromodichloromethane	9.426	83	144208	20.408	ug/l	98
48) Methyl methacrylate	9.225	41	45131	19.048	ug/l	91
49) 1,4-Dioxane	9.231	88	12258	429.930	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	252287	97.009	ug/l	97
52) Toluene	10.170	92	270082	20.840	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	122372	20.115	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	147593	20.303	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	76265	20.412	ug/l	98
56) Ethyl methacrylate	10.438	69	81887	18.918	ug/l	96
57) 1,3-Dichloropropane	10.719	76	124386	20.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	175856	93.213	ug/l	95
59) 2-Hexanone	10.762	43	177427	98.690	ug/l	96
60) Dibromochloromethane	10.908	129	103671	20.450	ug/l	100
61) 1,2-Dibromoethane	11.012	107	70135	20.033	ug/l	98
64) Tetrachloroethene	10.646	164	143142	21.424	ug/l	99
65) Chlorobenzene	11.438	112	297736	20.273	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	103557	20.089	ug/l	98
67) Ethyl Benzene	11.518	91	478039	19.924	ug/l	98
68) m/p-Xylenes	11.627	106	391113	40.710	ug/l	94
69) o-Xylene	11.956	106	177839	19.996	ug/l	100
70) Styrene	11.969	104	302287	20.508	ug/l	97
71) Bromoform	12.133	173	61651	20.083	ug/l	99
73) Isopropylbenzene	12.255	105	464183	19.609	ug/l	99
74) N-amyl acetate	12.072	43	79808	17.836	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	74346	18.713	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	101832	28.614	ug/l #	100
77) Bromobenzene	12.530	156	117817	19.481	ug/l	93
78) n-propylbenzene	12.597	91	552614	19.807	ug/l	97
79) 2-Chlorotoluene	12.676	91	318212	19.802	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	381504	19.815	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	24896	19.077	ug/l	100
82) 4-Chlorotoluene	12.780	91	330020	19.627	ug/l	96
83) tert-Butylbenzene	12.999	119	342529	19.643	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	384048	20.164	ug/l	100
85) sec-Butylbenzene	13.176	105	504307	19.877	ug/l	99
86) p-Isopropyltoluene	13.292	119	430114	20.070	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	235497	19.678	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	233510	19.700	ug/l	99
89) n-Butylbenzene	13.615	91	369956	19.465	ug/l	98
90) Hexachloroethane	13.877	117	90928	19.570	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	207170	19.854	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11886	19.067	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	121710	19.997	ug/l	99
94) Hexachlorobutadiene	15.023	225	76563	20.345	ug/l	99
95) Naphthalene	15.145	128	184278	18.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	105003	19.865	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0912SBS01

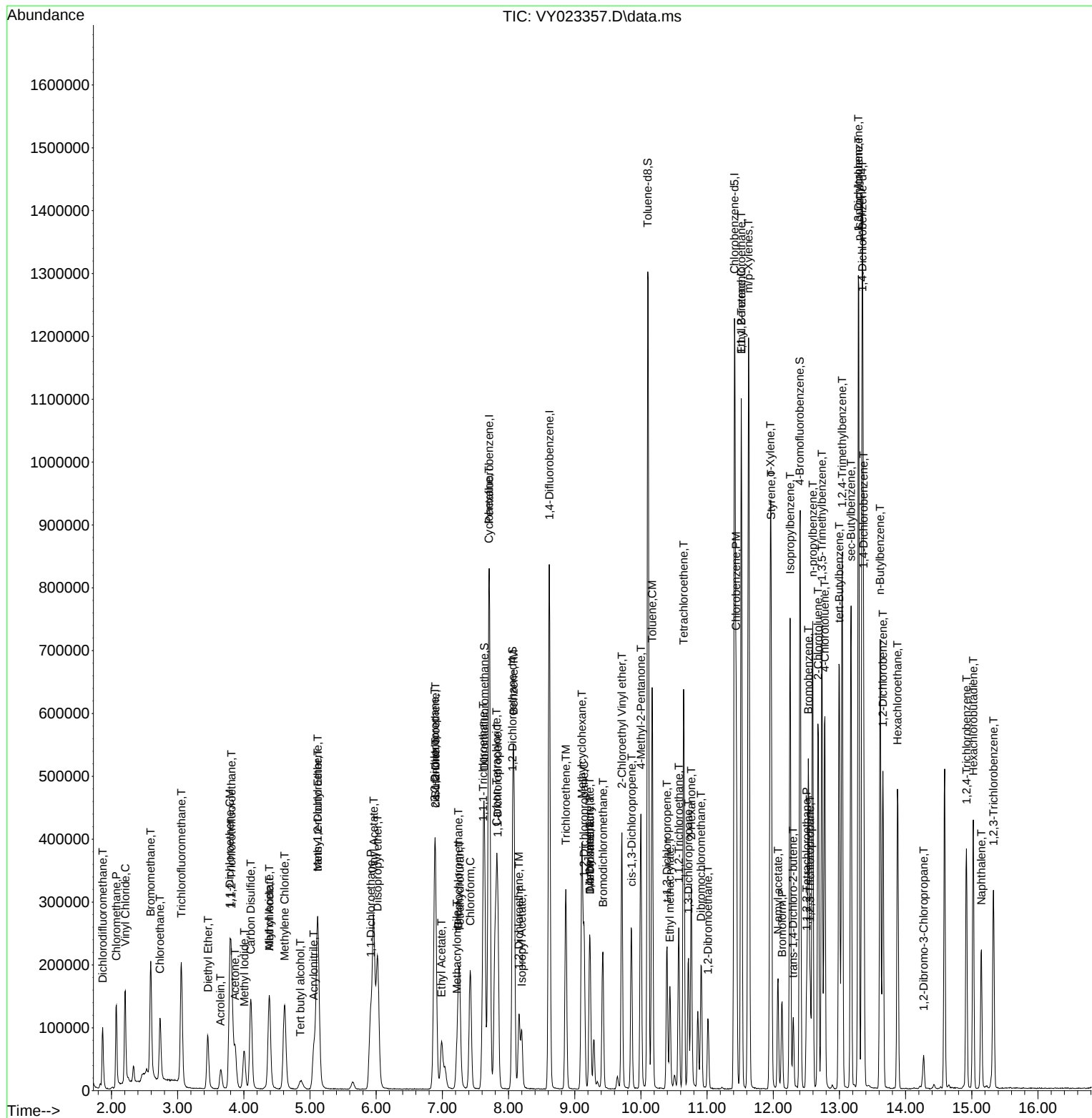
Quant Time: Sep 12 23:57:57 2025
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Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
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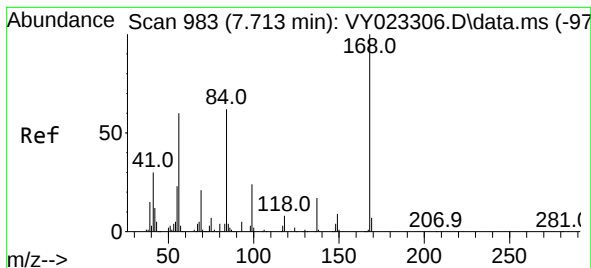
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023357.D

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Instrument :

MSVOA_Y

ClientSampleId :

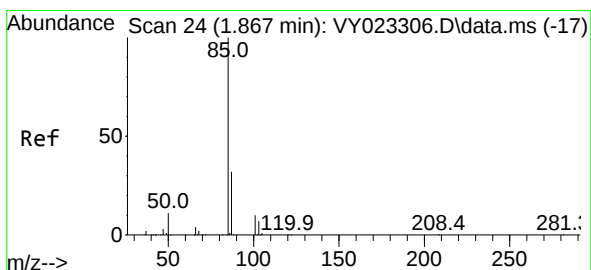
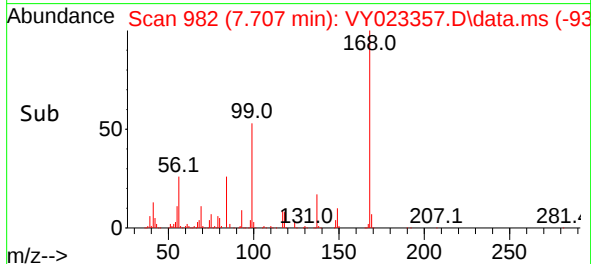
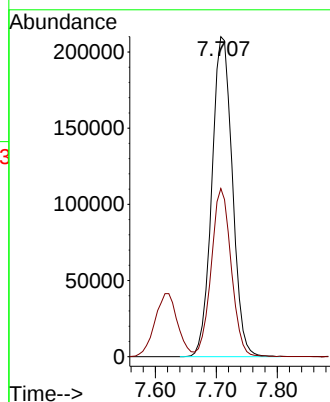
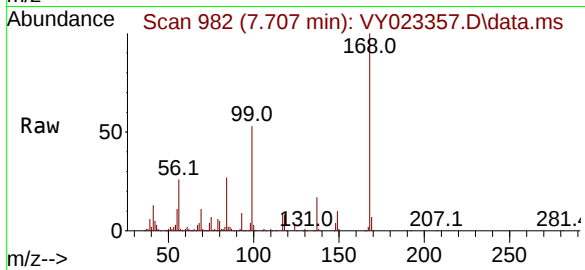
VY0912SBS01

Tgt Ion:168 Resp: 491381

Ion Ratio Lower Upper

168 100

99 52.4 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 20.791 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023357.D

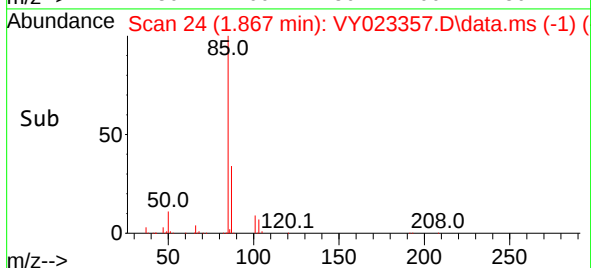
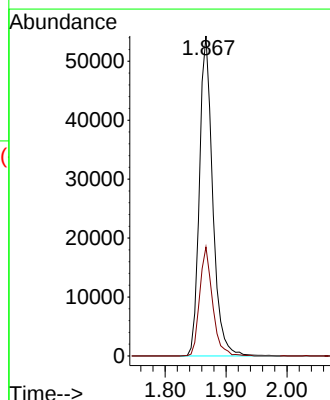
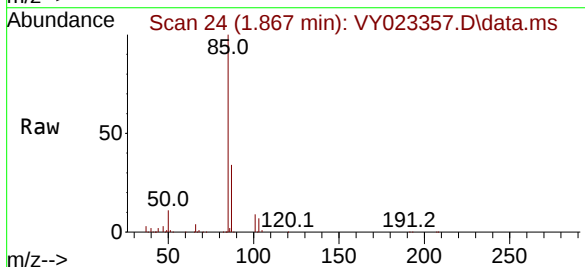
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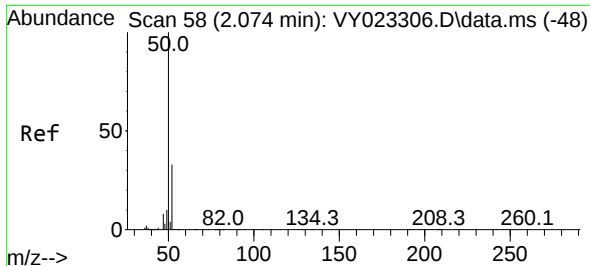
Tgt Ion: 85 Resp: 81962

Ion Ratio Lower Upper

85 100

87 34.0 16.6 49.8

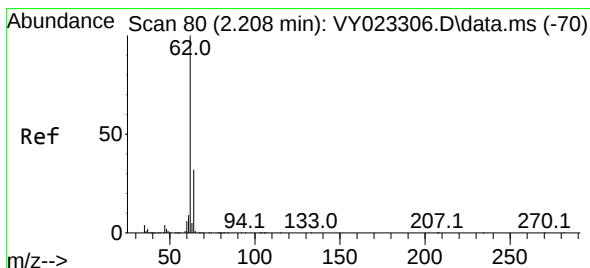
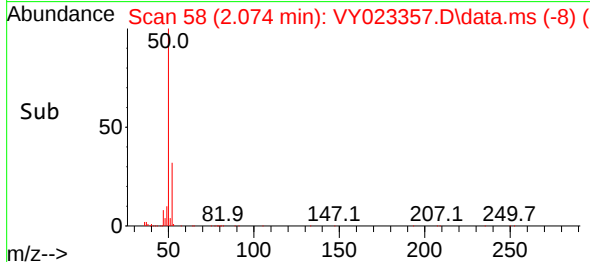
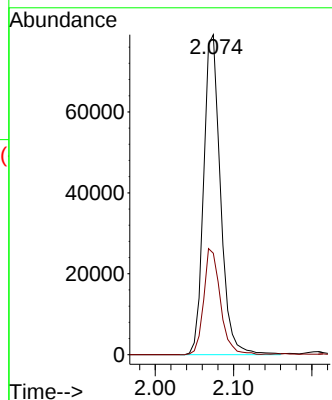
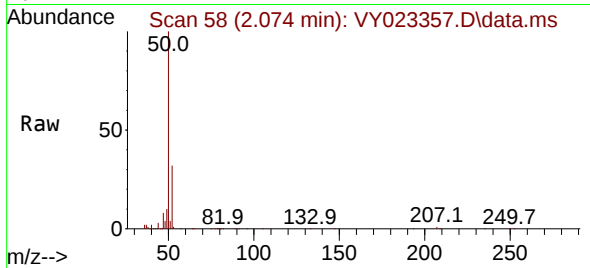




#3
Chloromethane
Concen: 20.921 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

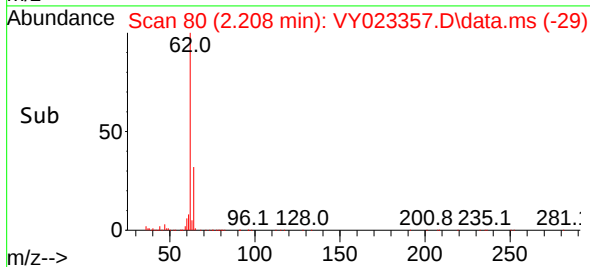
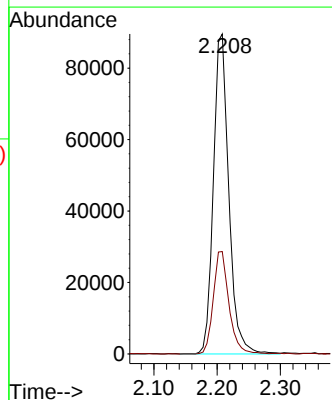
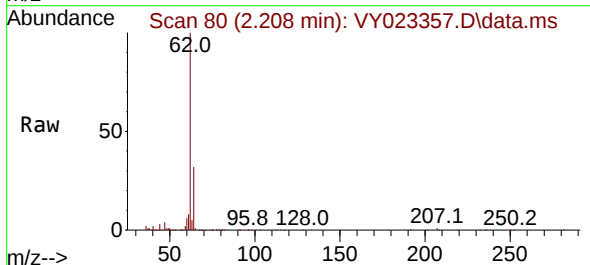
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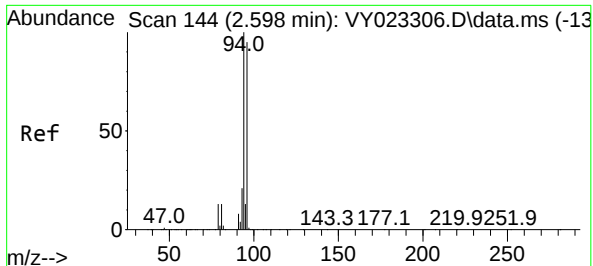
Tgt Ion: 50 Resp: 118016
Ion Ratio Lower Upper
50 100
52 31.7 26.7 40.1



#4
Vinyl Chloride
Concen: 21.305 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 62 Resp: 151407
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

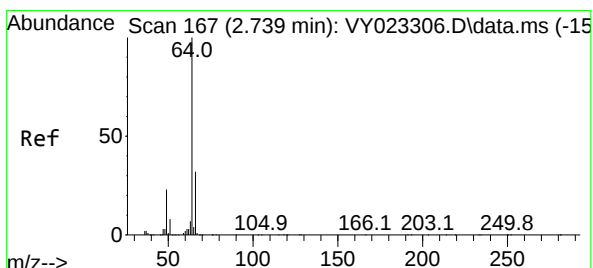
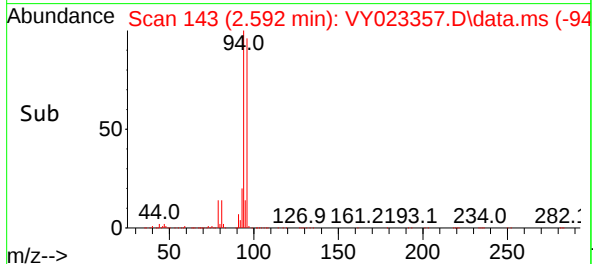
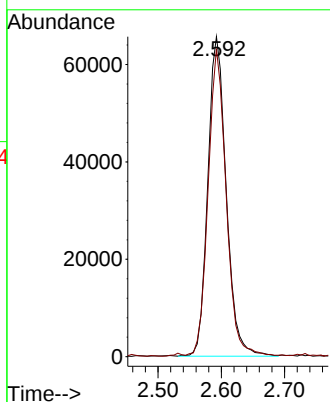
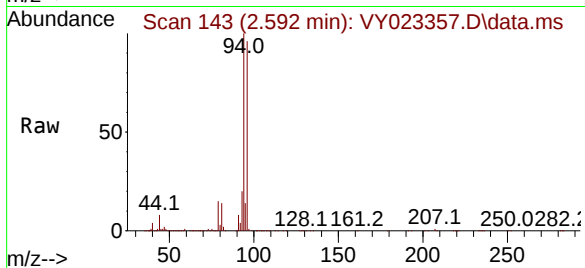




#5
Bromomethane
Concen: 22.873 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

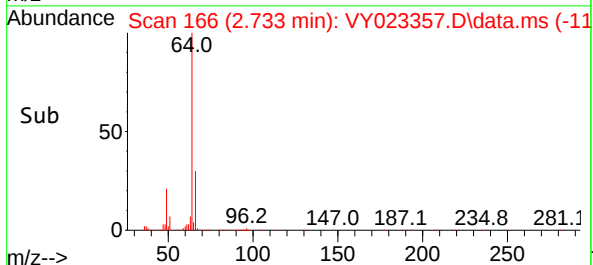
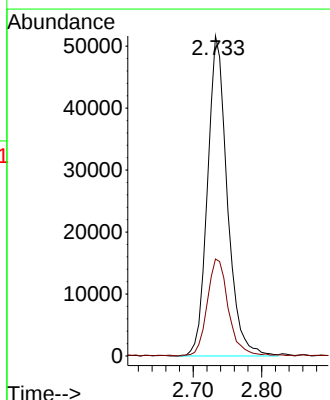
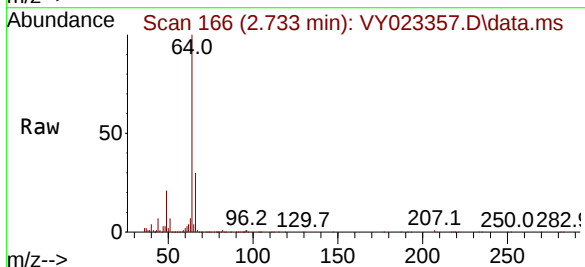
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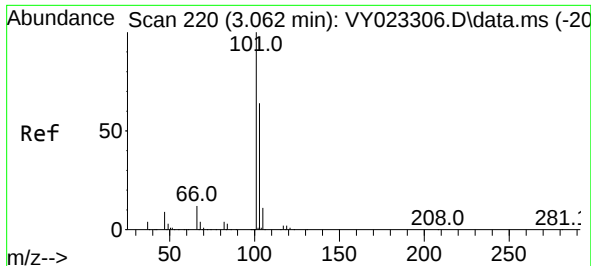
Tgt Ion: 94 Resp: 132728
Ion Ratio Lower Upper
94 100
96 95.9 74.6 112.0



#6
Chloroethane
Concen: 21.593 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 64 Resp: 103845
Ion Ratio Lower Upper
64 100
66 30.3 25.8 38.6

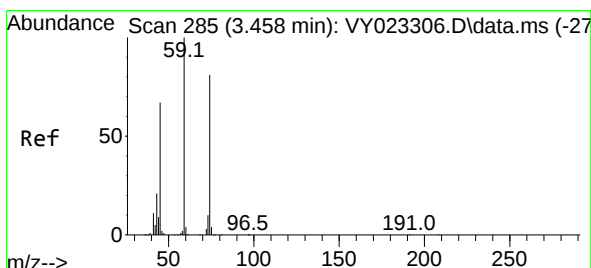
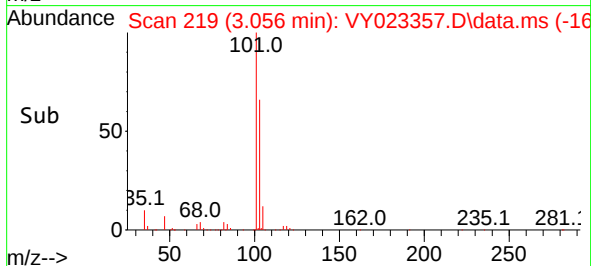
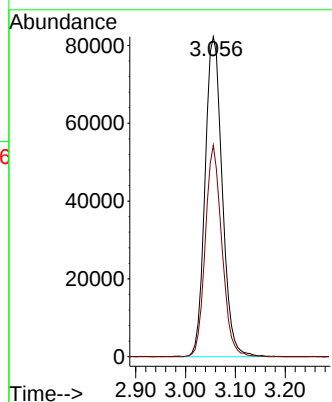
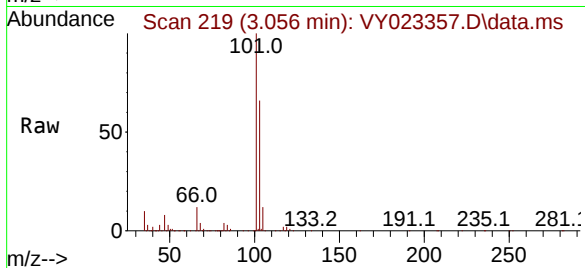




#7
 Trichlorofluoromethane
 Concen: 21.921 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

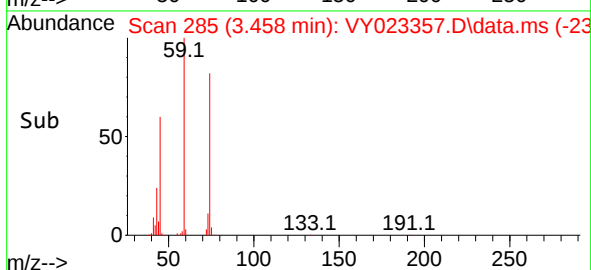
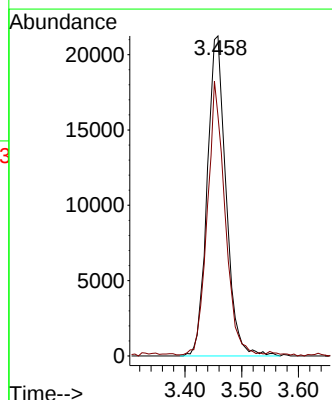
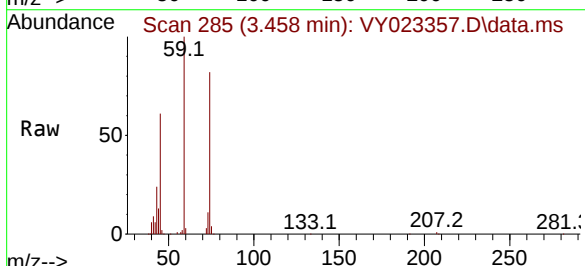
Instrument :
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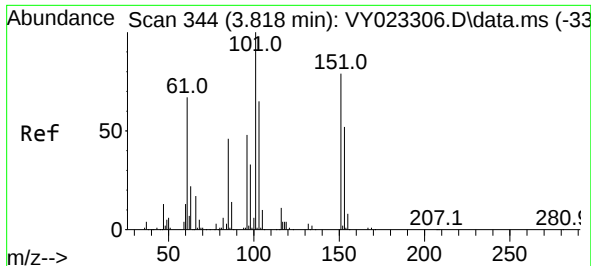
Tgt Ion:101 Resp: 196625
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.653 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

Tgt Ion: 74 Resp: 49016
 Ion Ratio Lower Upper
 74 100
 45 80.5 44.4 133.2

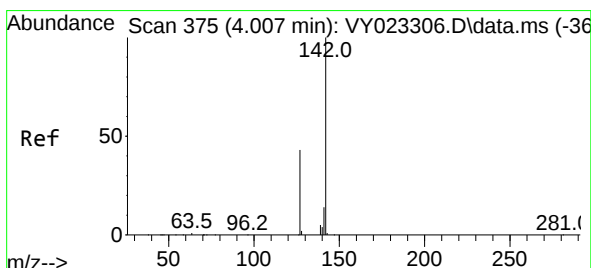
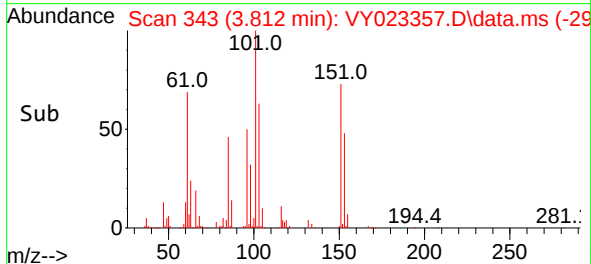
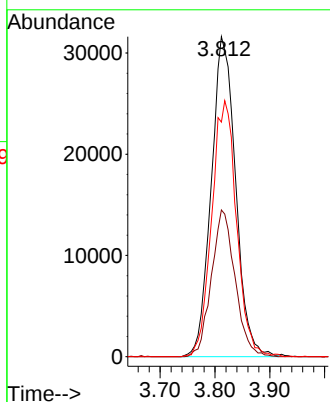
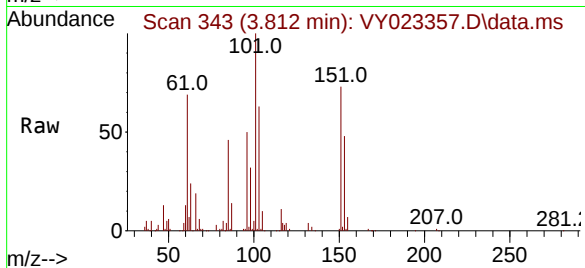




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.239 ug/l
RT: 3.812 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

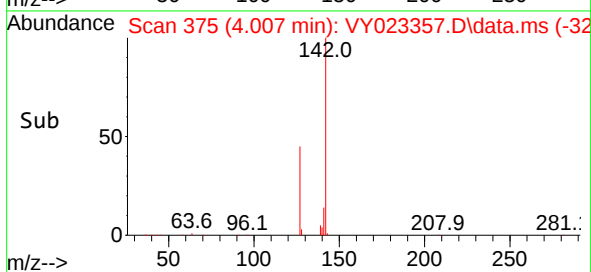
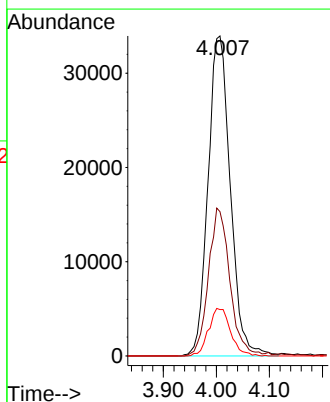
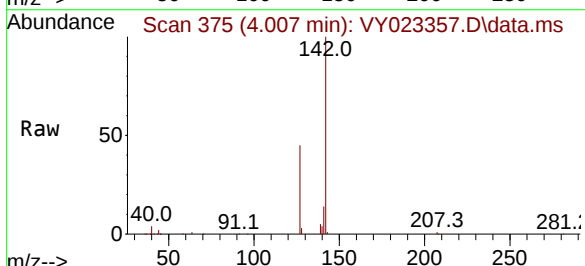
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

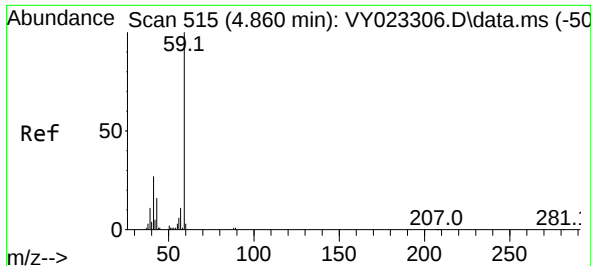
Tgt Ion:101 Resp: 97626
Ion Ratio Lower Upper
101 100
85 44.5 36.3 54.5
151 81.5 61.5 92.3



#10
Methyl Iodide
Concen: 17.603 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion:142 Resp: 99054
Ion Ratio Lower Upper
142 100
127 44.7 34.9 52.3
141 14.6 11.3 16.9

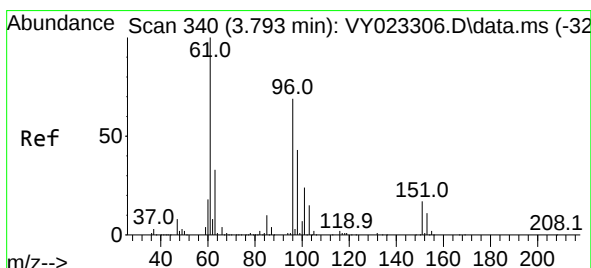
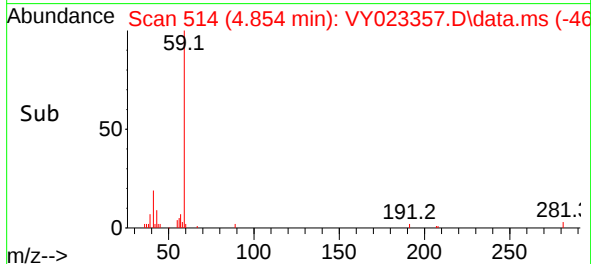
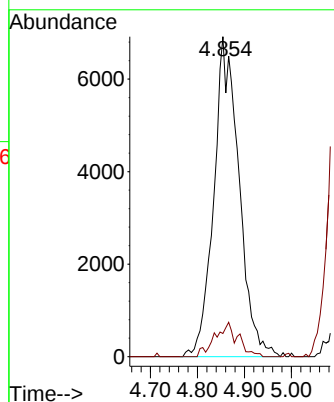
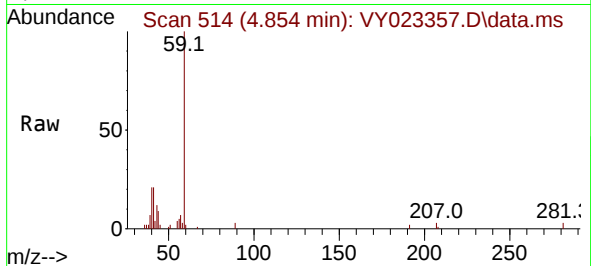




#11
Tert butyl alcohol
Concen: 103.419 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

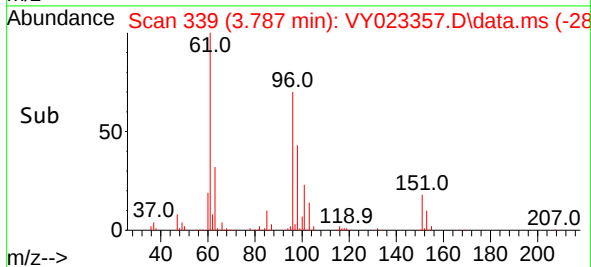
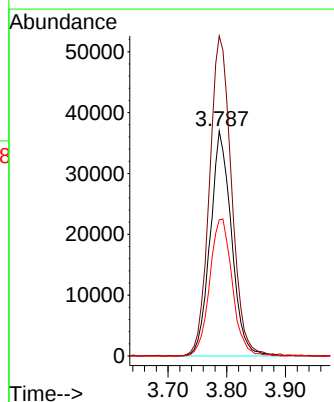
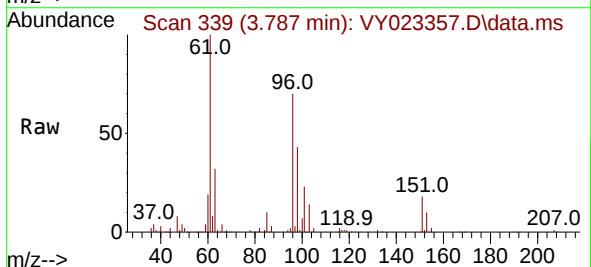
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

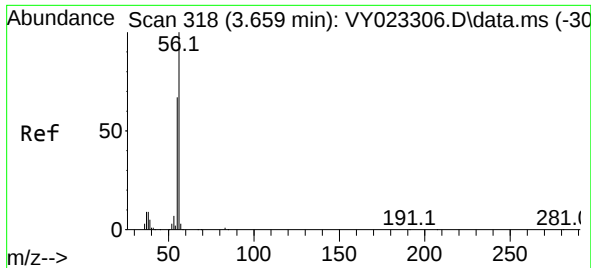
Tgt Ion: 59 Resp: 25802
Ion Ratio Lower Upper
59 100
57 5.3 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 20.036 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 96 Resp: 92977
Ion Ratio Lower Upper
96 100
61 142.1 129.4 194.2
98 60.5 52.8 79.2

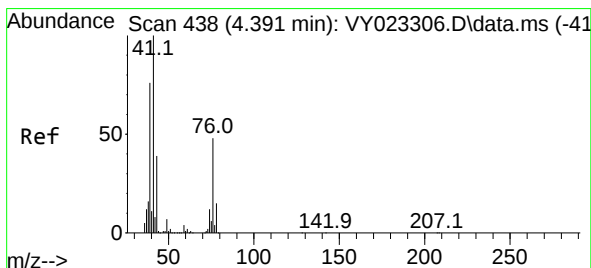
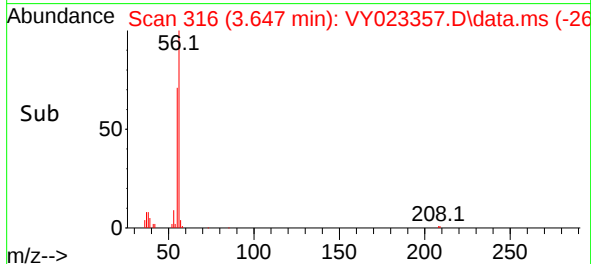
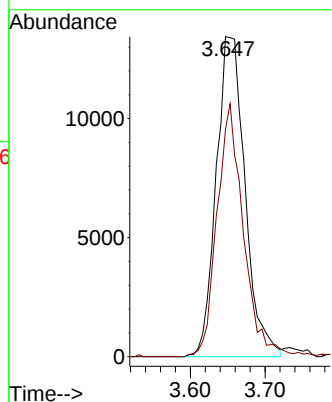
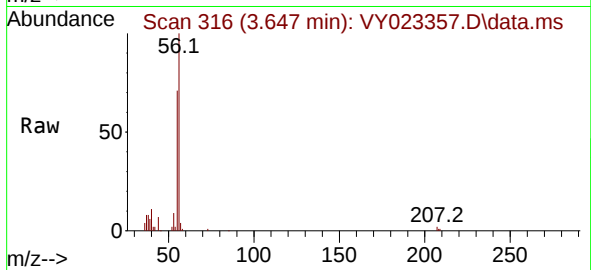




#13
Acrolein
Concen: 85.479 ug/l
RT: 3.647 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

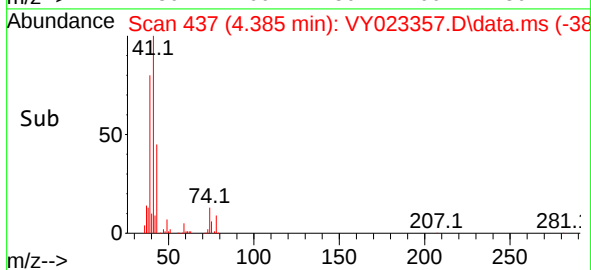
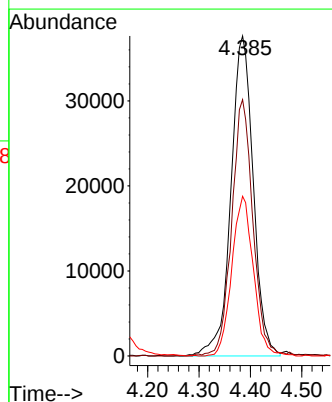
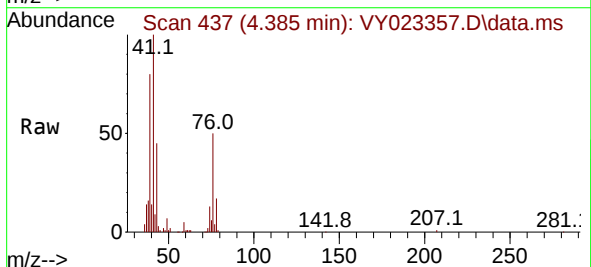
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

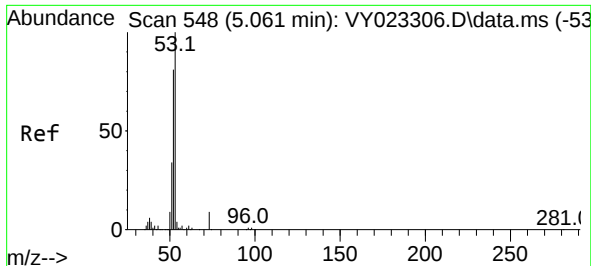
Tgt Ion: 56 Resp: 36054
Ion Ratio Lower Upper
56 100
55 72.0 55.2 82.8



#14
Allyl chloride
Concen: 19.381 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 41 Resp: 113610
Ion Ratio Lower Upper
41 100
39 76.5 59.8 89.6
76 48.2 33.7 50.5

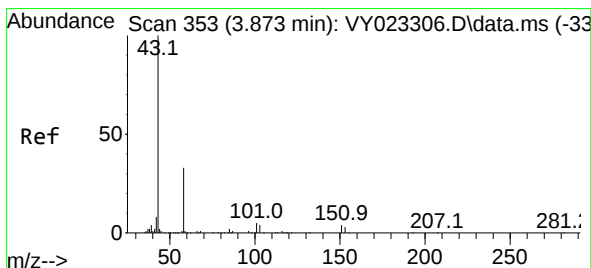
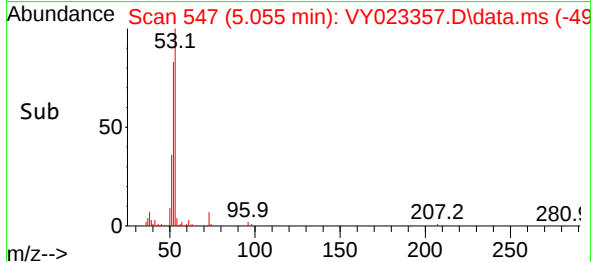
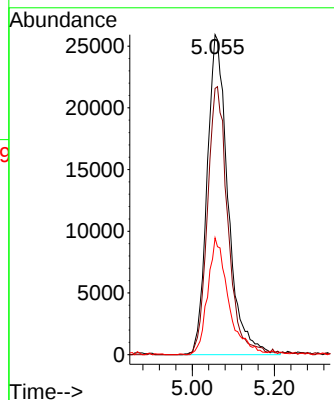
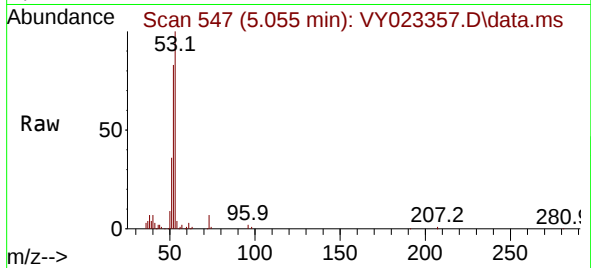




#15
Acrylonitrile
Concen: 97.848 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

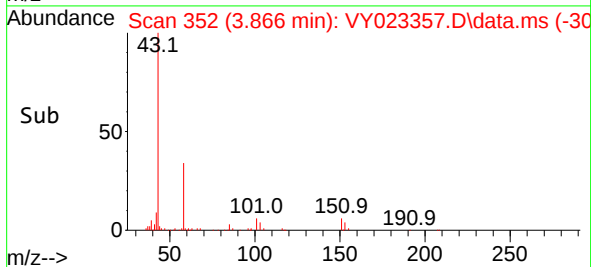
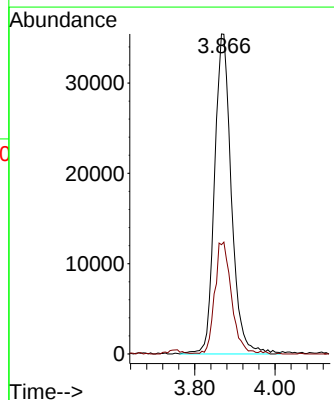
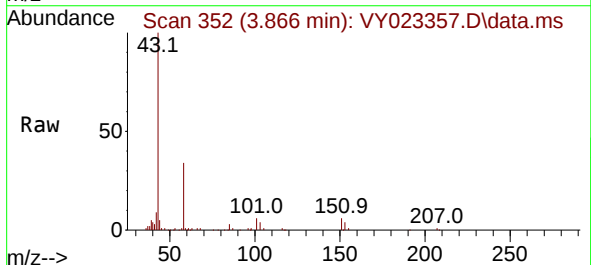
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

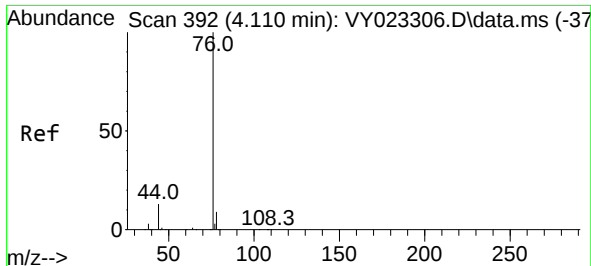
Tgt Ion: 53 Resp: 91420
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.4 29.5 44.3



#16
Acetone
Concen: 105.014 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 43 Resp: 103284
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7

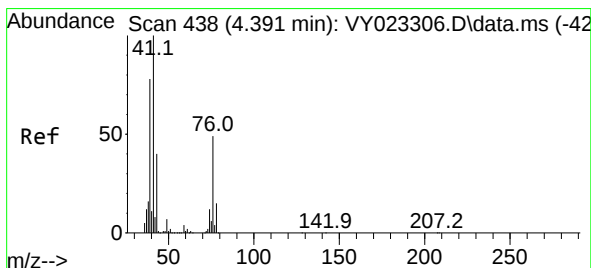
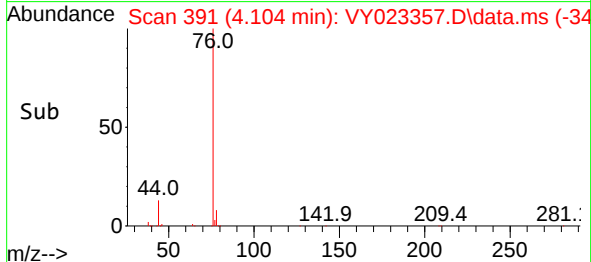
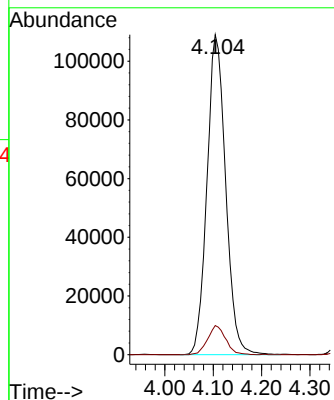
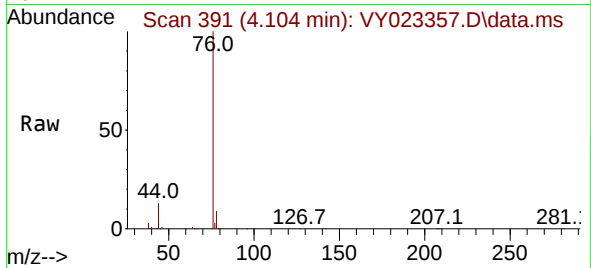




#17
Carbon Disulfide
Concen: 19.899 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

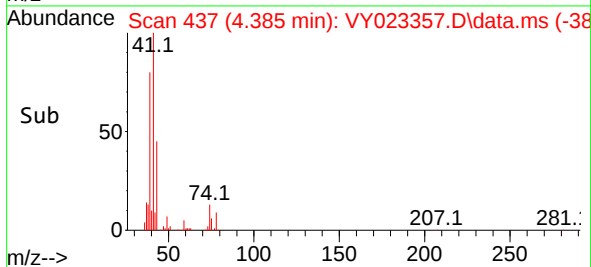
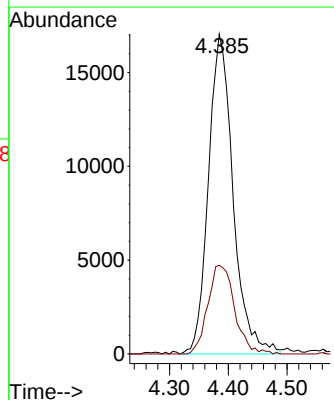
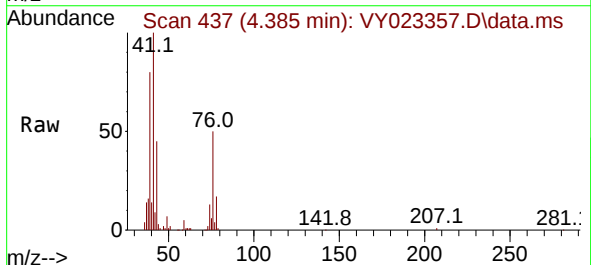
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

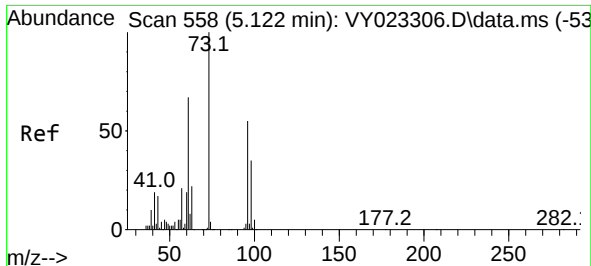
Tgt Ion: 76 Resp: 292343
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 20.598 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 43 Resp: 49695
Ion Ratio Lower Upper
43 100
74 30.2 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.040 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

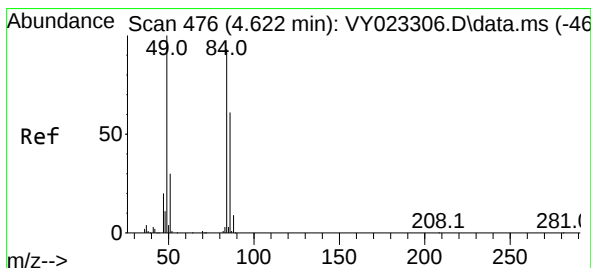
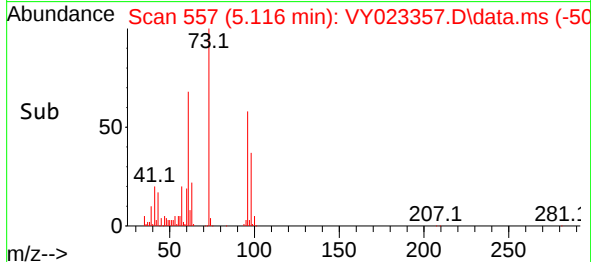
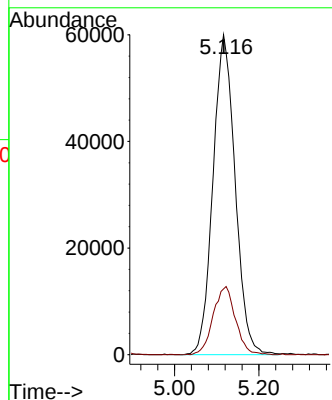
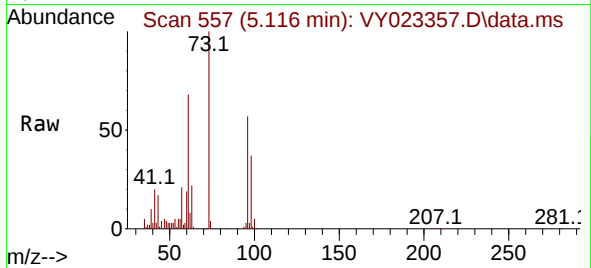
VY0912SBS01

Tgt Ion: 73 Resp: 218654

Ion Ratio Lower Upper

73 100

57 20.6 17.1 25.7



#20

Methylene Chloride

Concen: 20.862 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Tgt Ion: 84 Resp: 109775

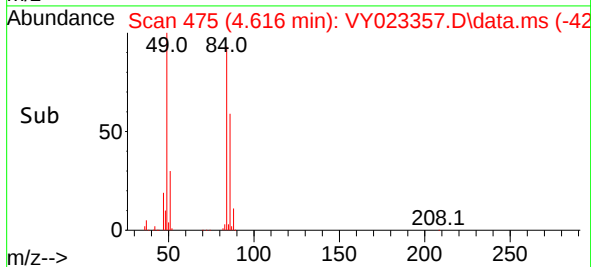
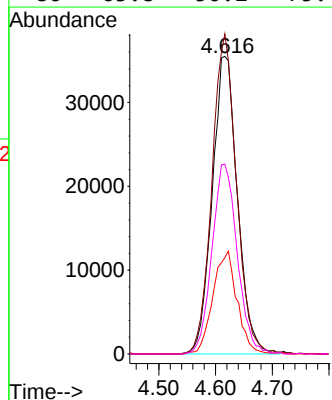
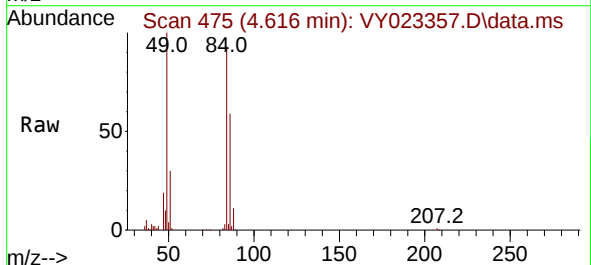
Ion Ratio Lower Upper

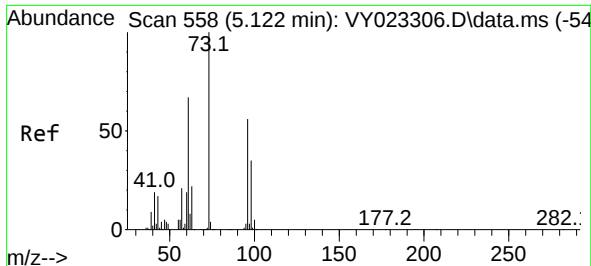
84 100

49 107.5 93.0 139.6

51 32.3 29.0 43.4

86 63.8 50.2 75.4

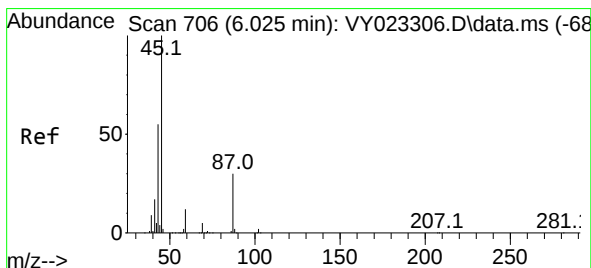
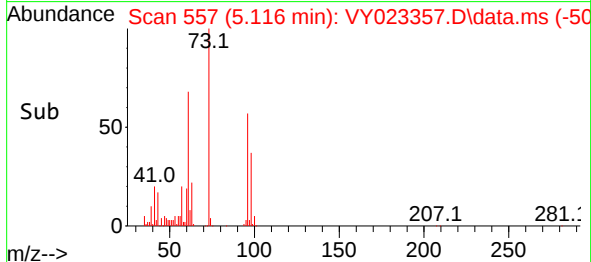
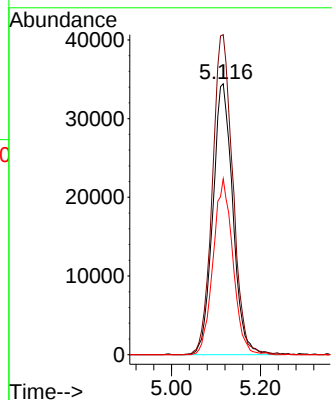
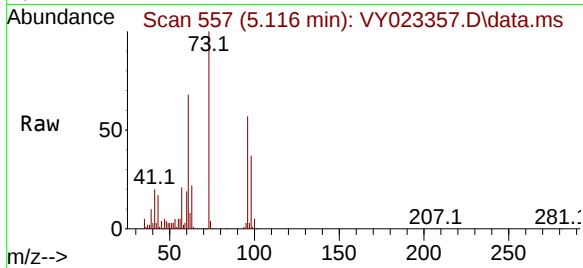




#21
trans-1,2-Dichloroethene
Concen: 20.739 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

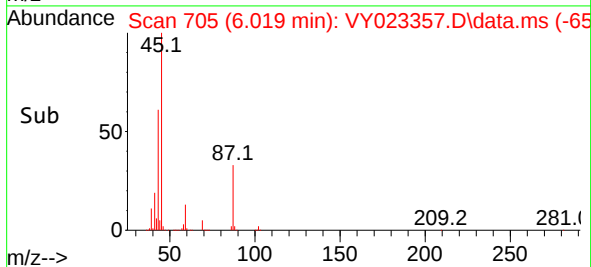
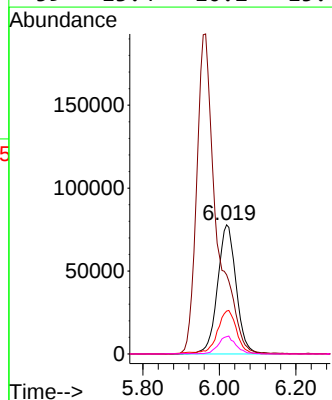
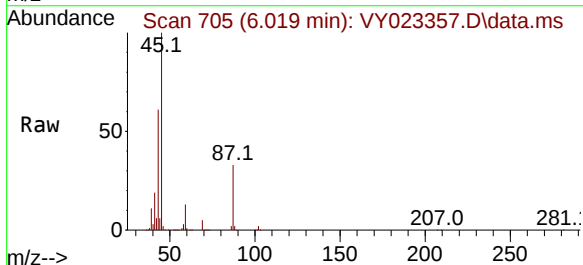
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

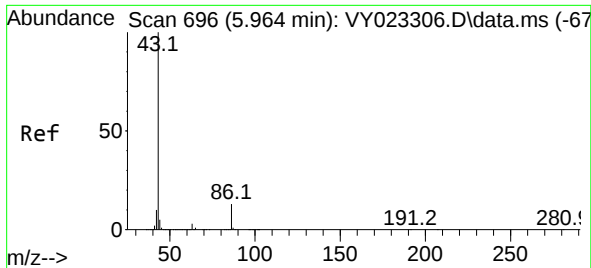
Tgt Ion: 96 Resp: 107527
Ion Ratio Lower Upper
96 100
61 118.1 104.8 157.2
98 64.9 50.1 75.1



#22
Diisopropyl ether
Concen: 20.122 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 45 Resp: 262686
Ion Ratio Lower Upper
45 100
43 60.9 43.4 65.0
87 33.2 24.4 36.6
59 13.4 10.2 15.4

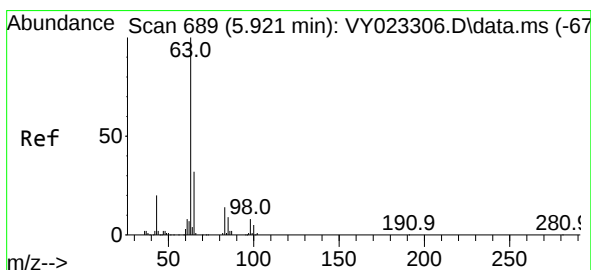
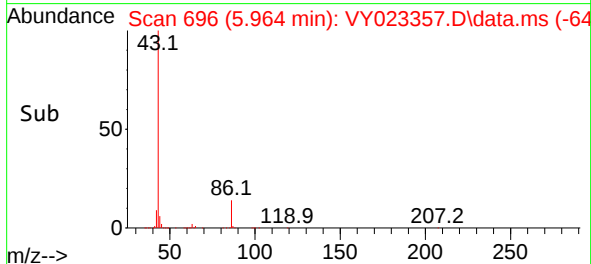
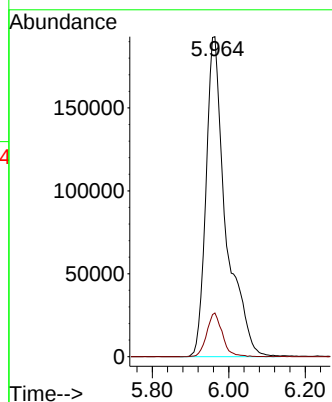
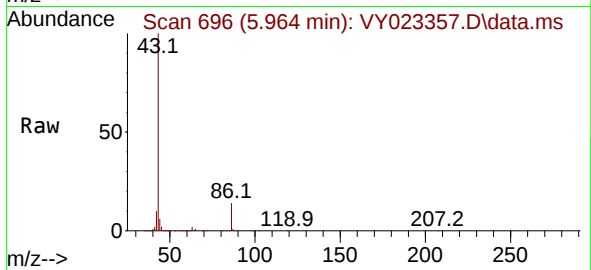




#23
 Vinyl Acetate
 Concen: 96.254 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

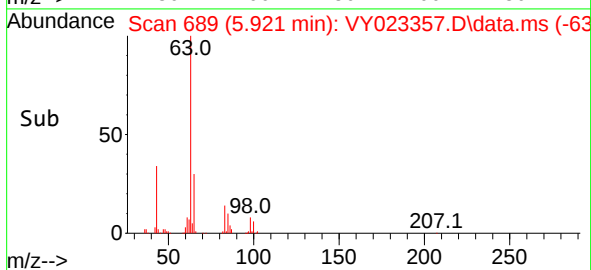
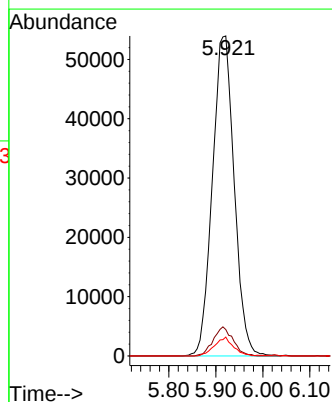
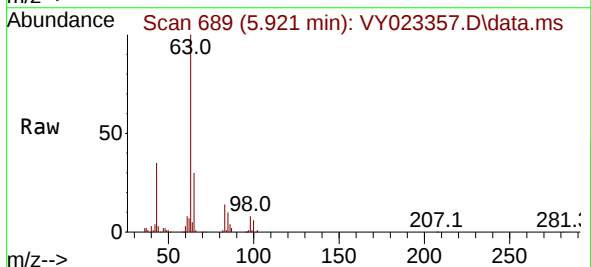
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

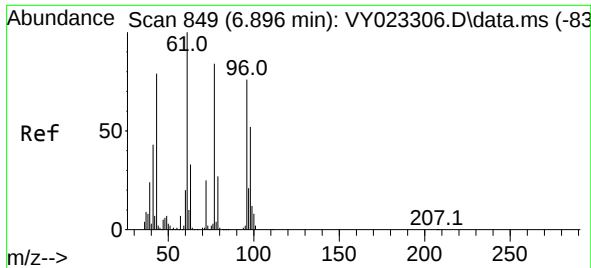
Tgt Ion: 43 Resp: 694683
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.364 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

Tgt Ion: 63 Resp: 173883
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 5.9 2.4 7.1

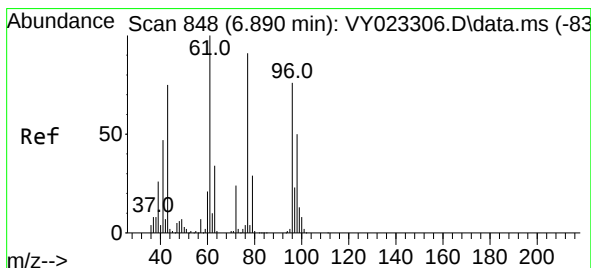
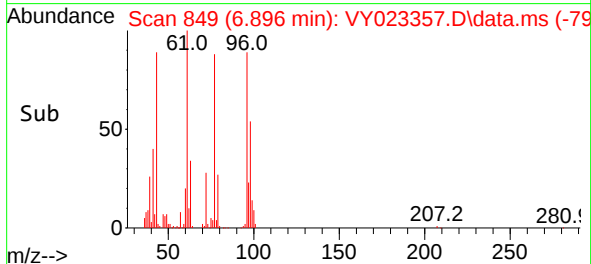
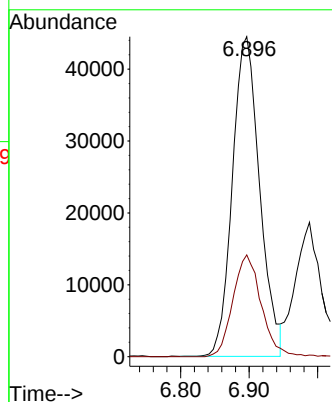
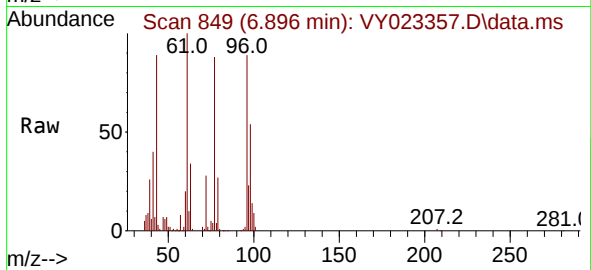




#25
2-Butanone
Concen: 101.796 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

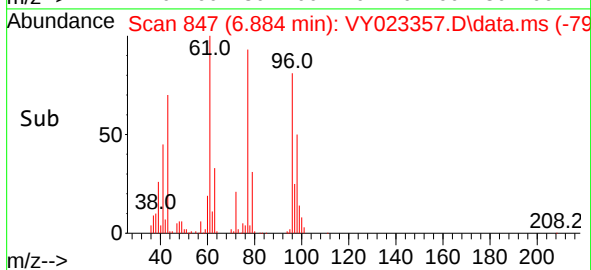
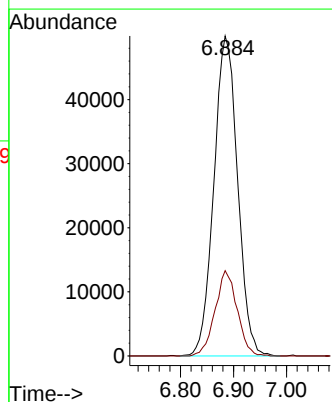
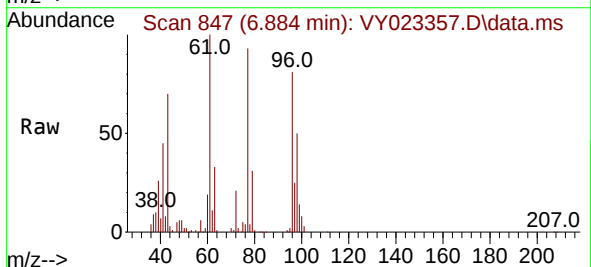
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

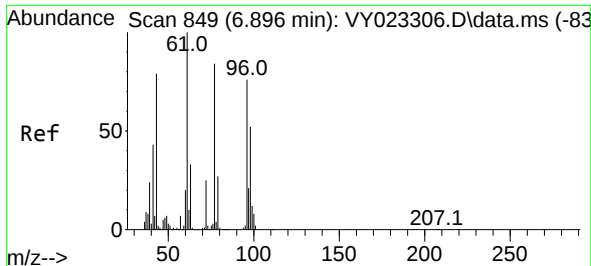
Tgt Ion: 43 Resp: 123225
Ion Ratio Lower Upper
43 100
72 31.8 23.5 35.3



#26
2,2-Dichloropropane
Concen: 20.572 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 77 Resp: 155101
Ion Ratio Lower Upper
77 100
97 24.8 11.6 34.8

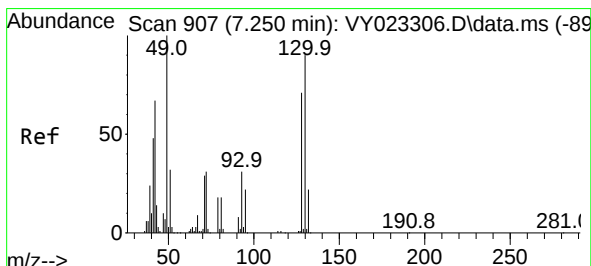
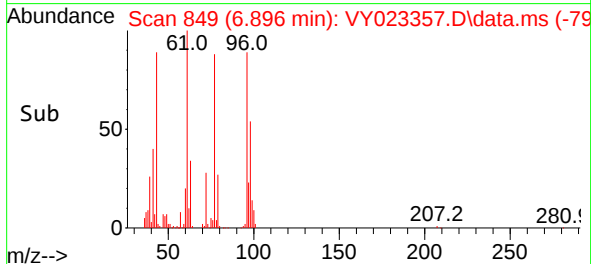
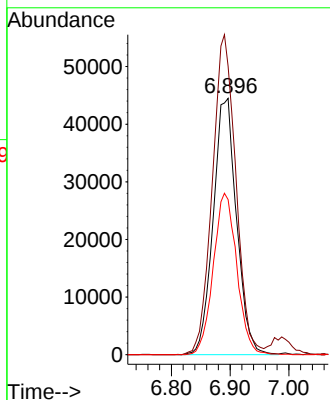
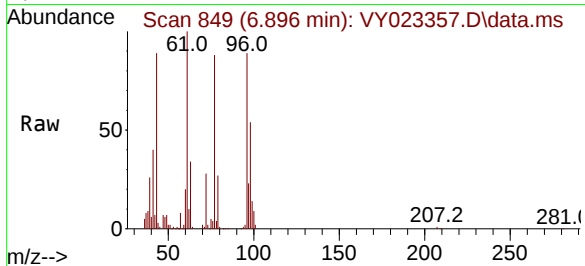




#27
 cis-1,2-Dichloroethene
 Concen: 20.952 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

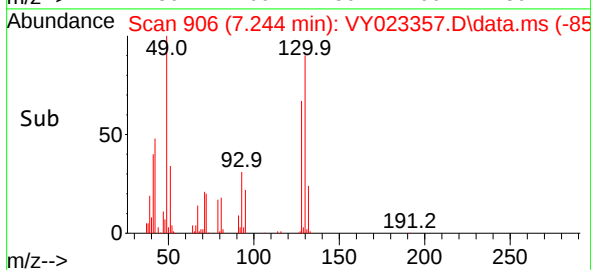
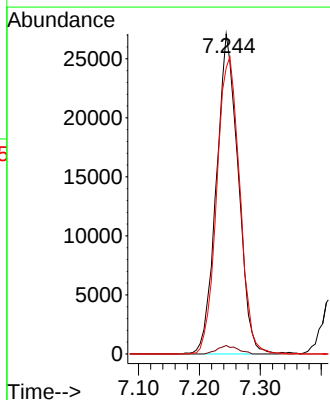
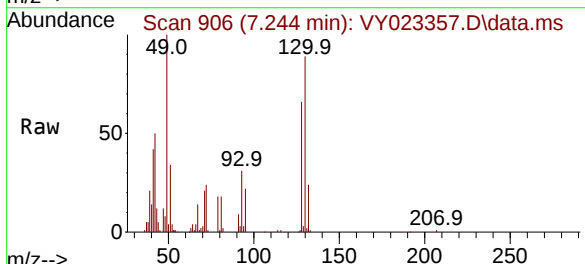
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

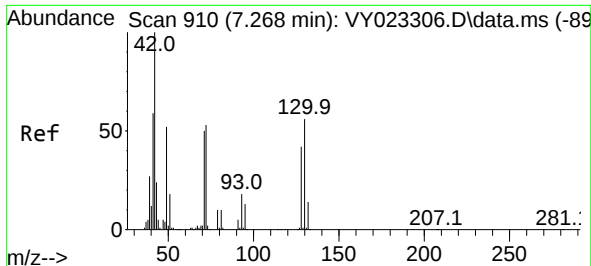
Tgt Ion: 96 Resp: 123016
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 278.6
 98 63.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.106 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

Tgt Ion: 49 Resp: 67552
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 97.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 95.085 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

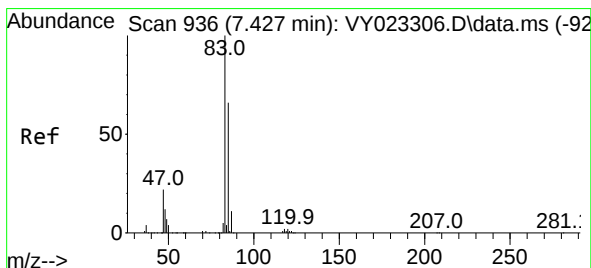
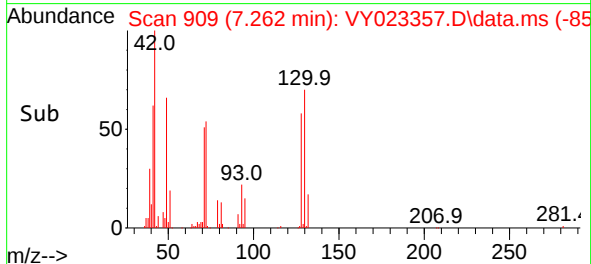
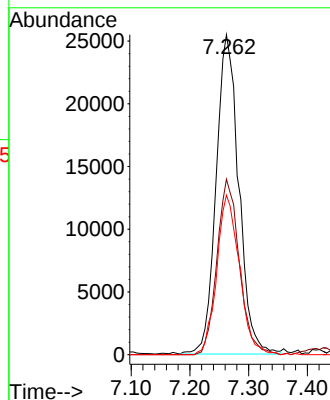
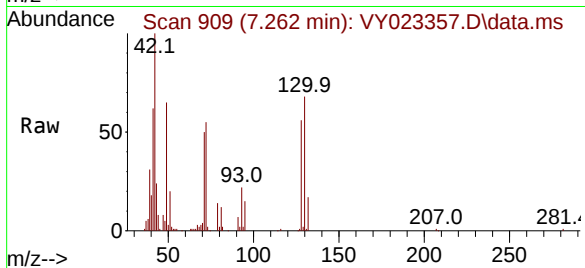
Tgt Ion: 42 Resp: 68271

Ion Ratio Lower Upper

42 100

72 54.2 39.4 59.2

71 50.1 36.5 54.7



#30

Chloroform

Concen: 20.857 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023357.D

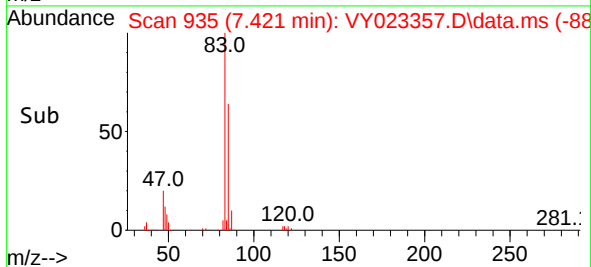
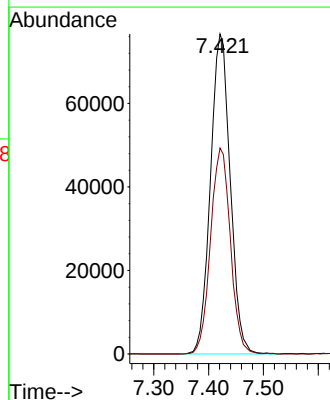
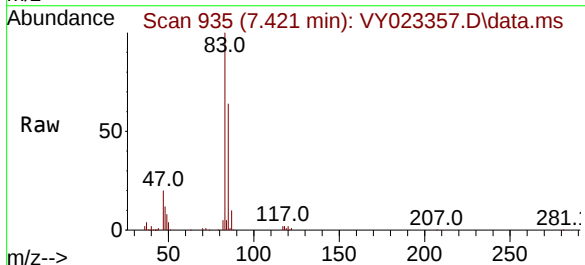
Acq: 12 Sep 2025 10:08

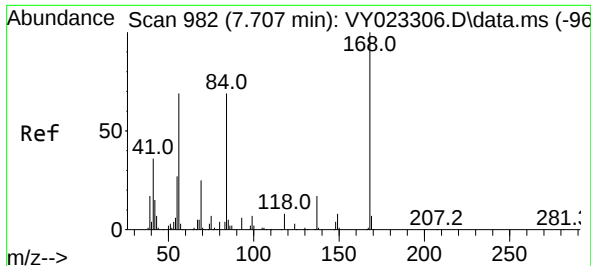
Tgt Ion: 83 Resp: 191357

Ion Ratio Lower Upper

83 100

85 64.3 53.8 80.8

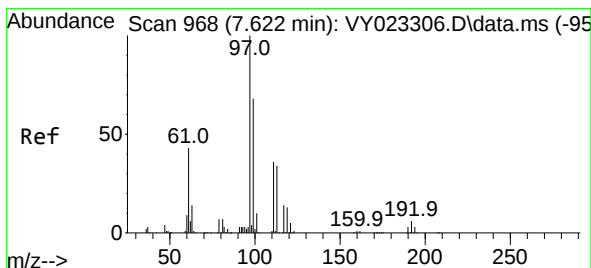
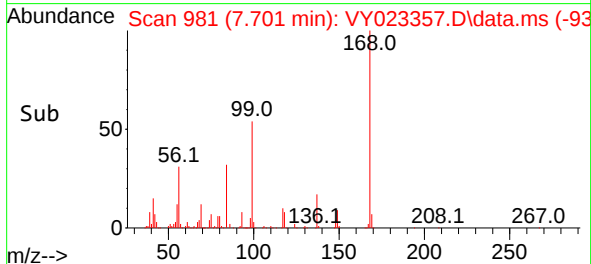
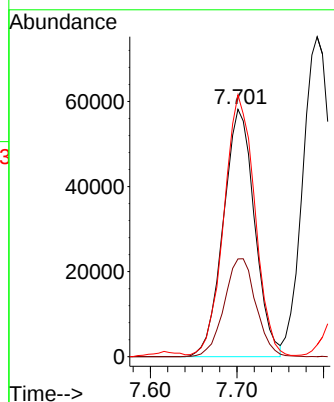
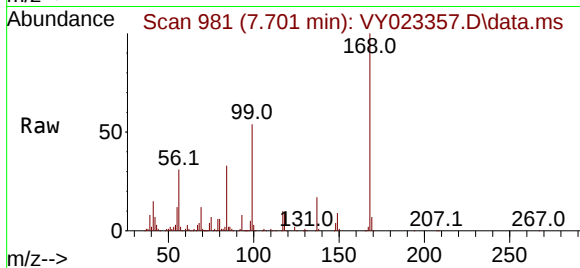




#31
Cyclohexane
Concen: 19.345 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

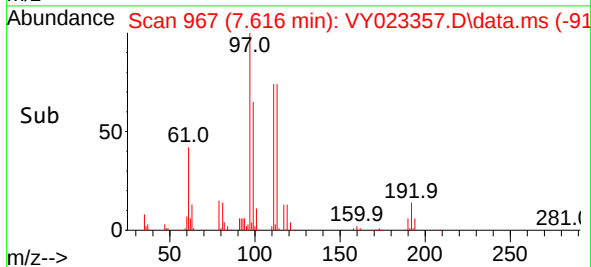
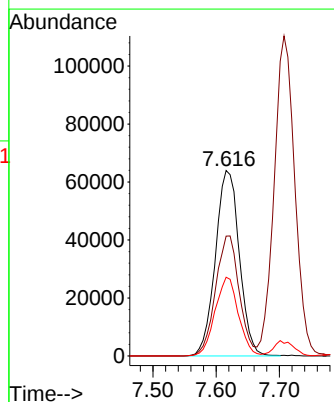
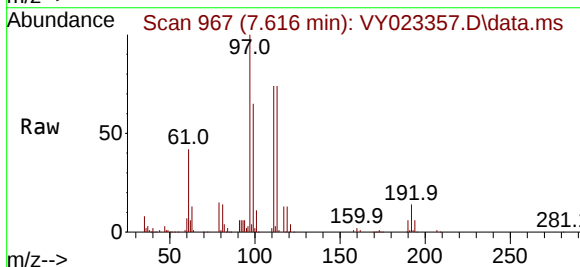
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

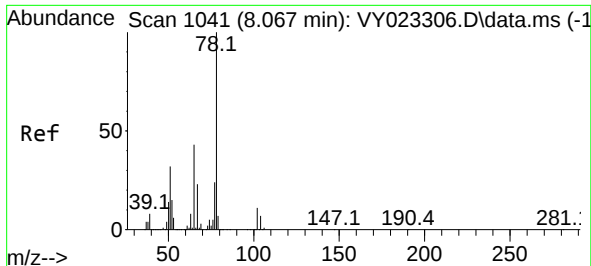
Tgt Ion: 56 Resp: 146168
Ion Ratio Lower Upper
56 100
69 39.5 28.2 42.2
84 104.4 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.471 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 97 Resp: 167801
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 41.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.332 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

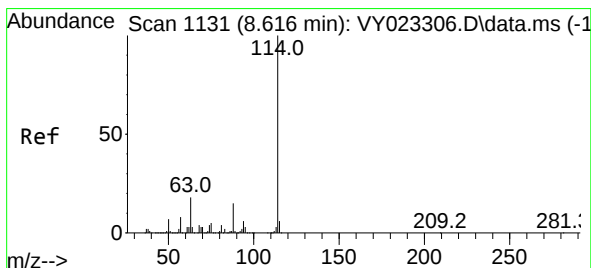
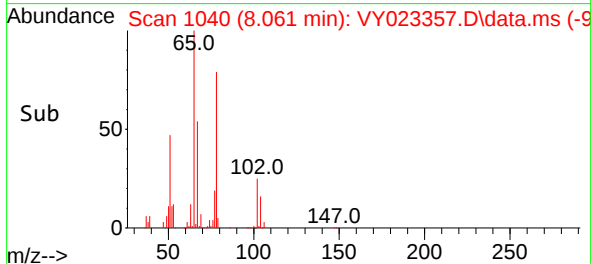
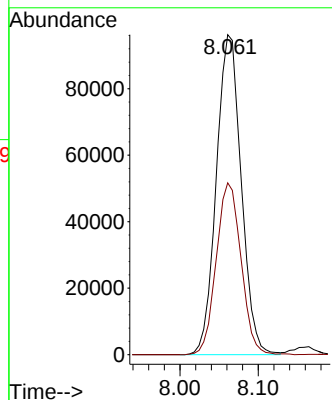
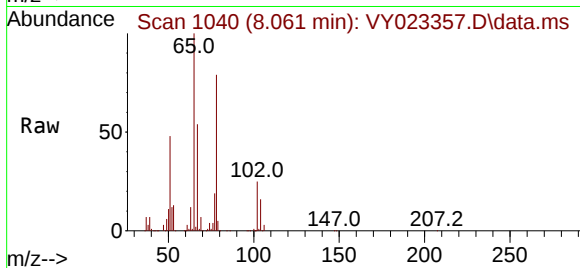
VY0912SBS01

Tgt Ion: 65 Resp: 213008

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

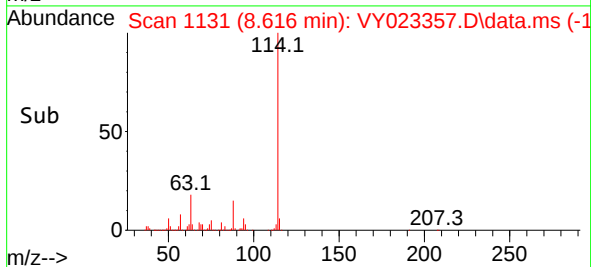
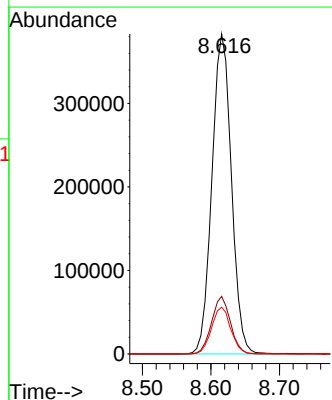
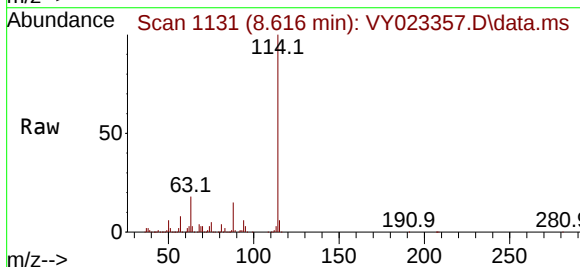
Tgt Ion: 114 Resp: 754652

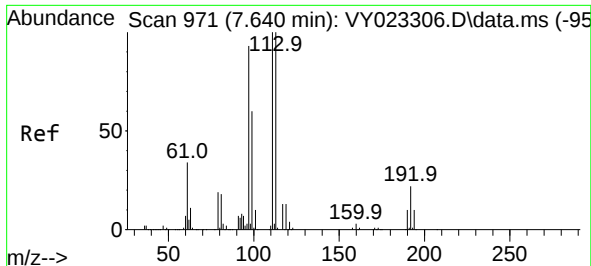
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 14.6 0.0 30.0

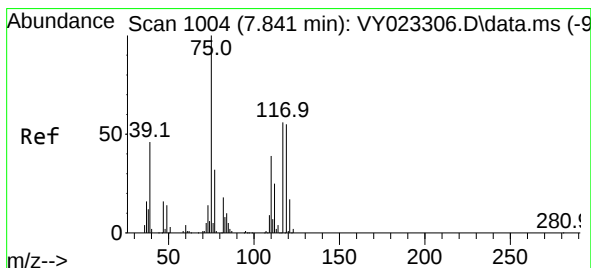
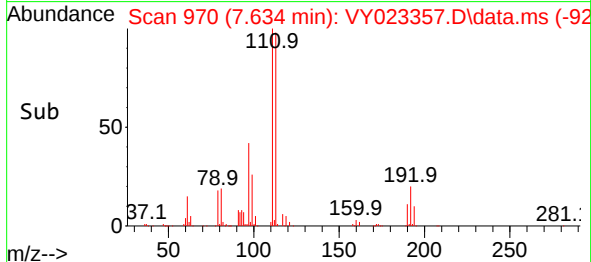
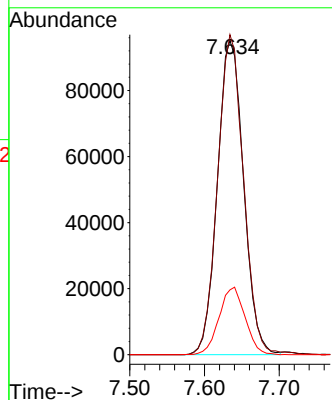
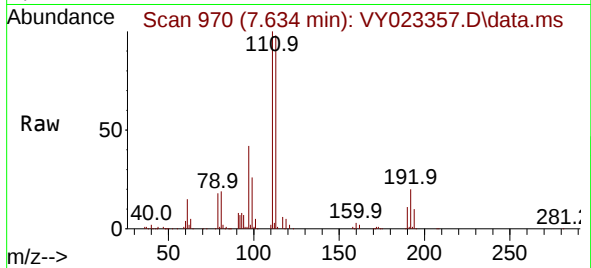




#35
Dibromofluoromethane
Concen: 50.259 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

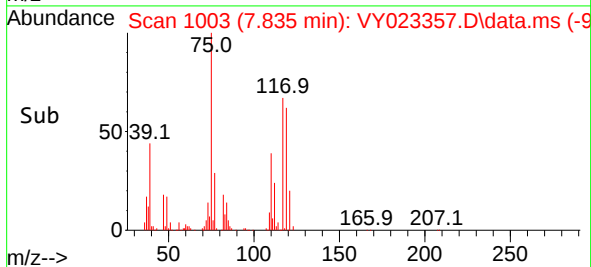
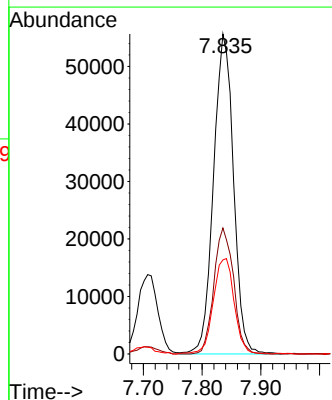
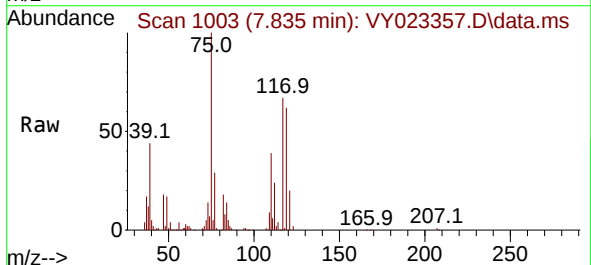
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

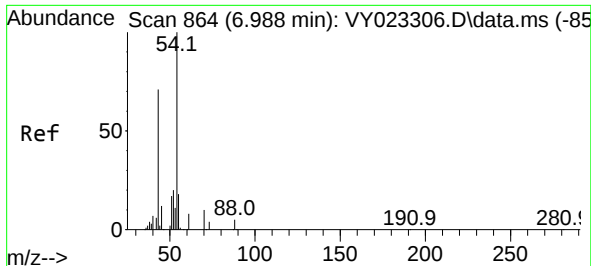
Tgt Ion:113 Resp: 231843
Ion Ratio Lower Upper
113 100
111 101.1 81.1 121.7
192 21.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.030 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 75 Resp: 131597
Ion Ratio Lower Upper
75 100
110 38.7 18.1 54.4
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 19.048 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

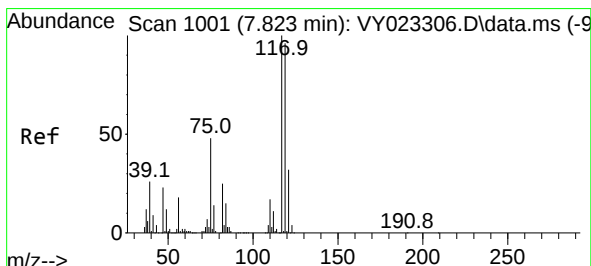
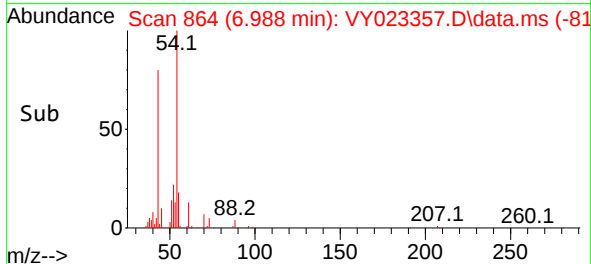
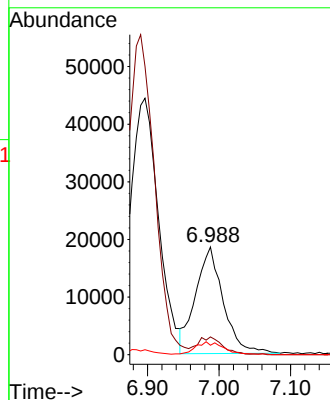
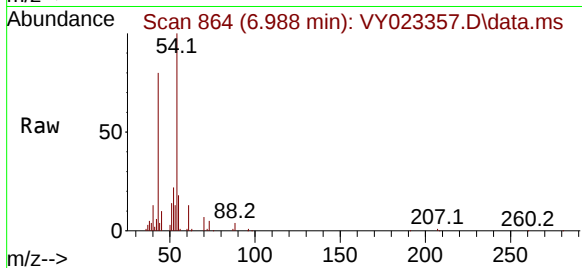
Tgt Ion: 43 Resp: 49784

Ion Ratio Lower Upper

43 100

61 14.2 11.9 17.9

70 12.5 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.225 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

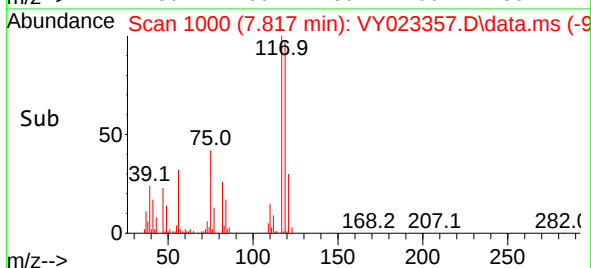
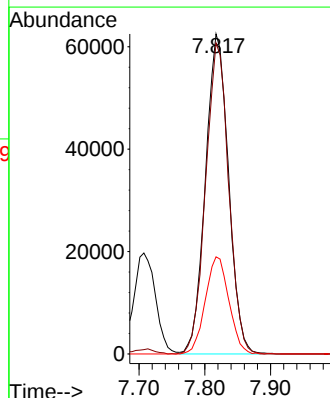
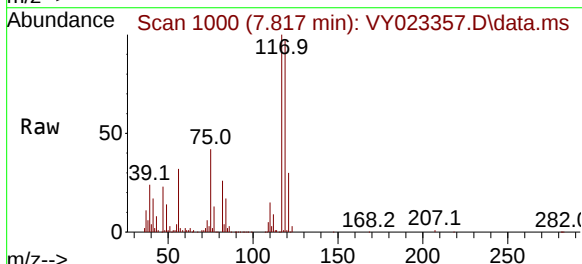
Tgt Ion: 117 Resp: 152901

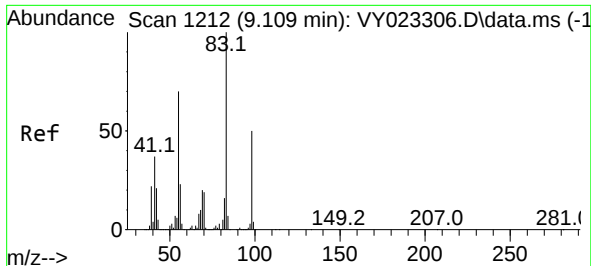
Ion Ratio Lower Upper

117 100

119 97.2 75.6 113.4

121 30.4 25.8 38.8





#39

Methylcyclohexane

Concen: 19.617 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

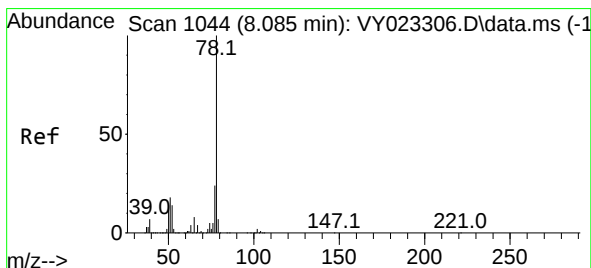
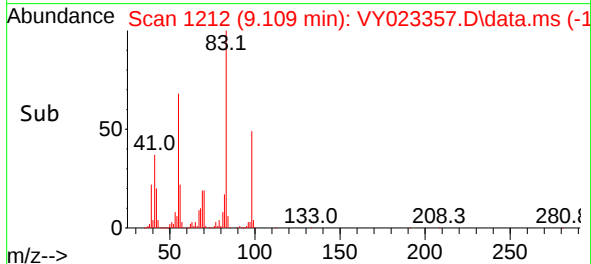
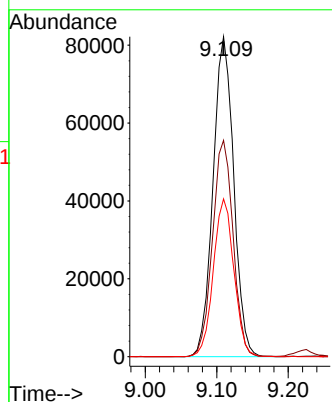
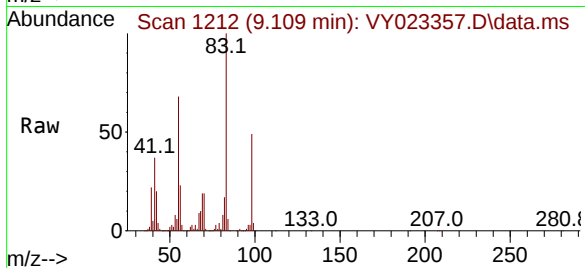
Tgt Ion: 83 Resp: 164885

Ion Ratio Lower Upper

83 100

55 67.6 57.6 86.4

98 49.3 39.2 58.8



#40

Benzene

Concen: 20.537 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023357.D

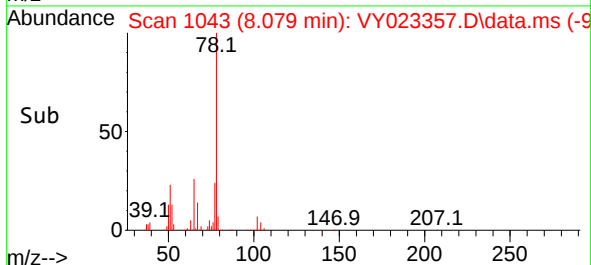
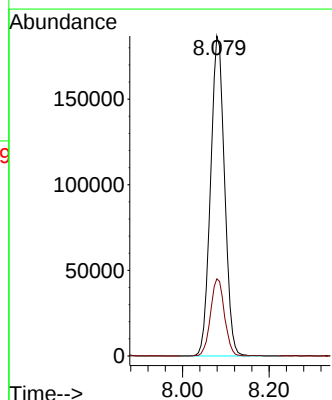
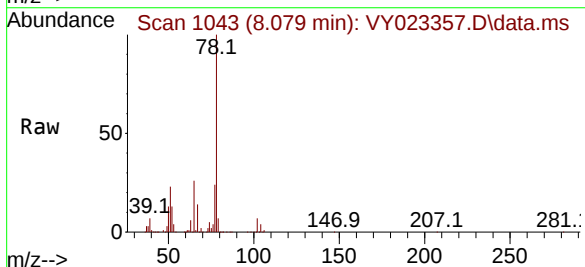
Acq: 12 Sep 2025 10:08

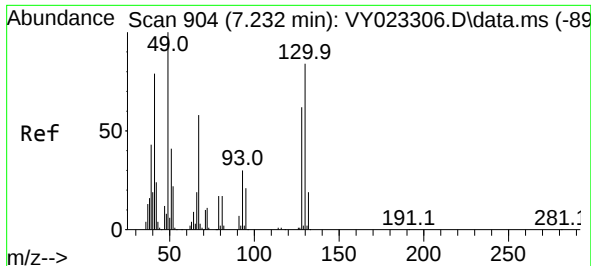
Tgt Ion: 78 Resp: 419404

Ion Ratio Lower Upper

78 100

77 24.1 18.6 28.0

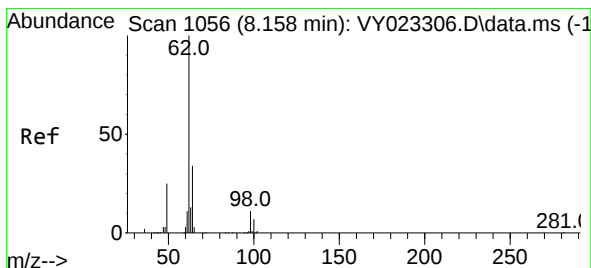
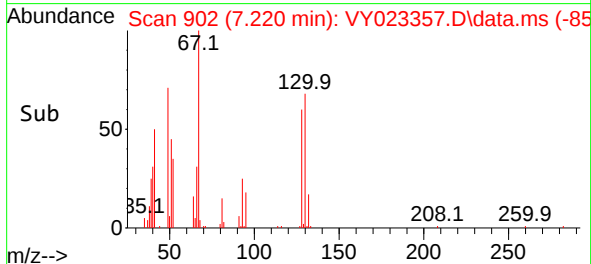
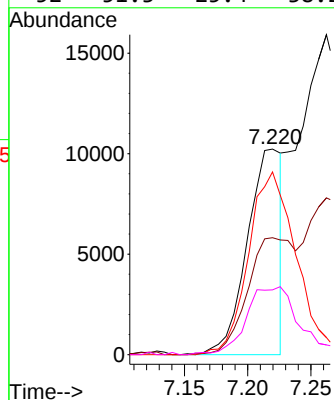
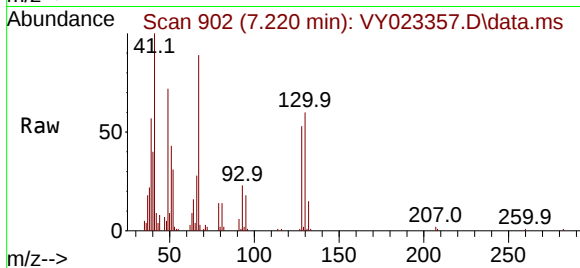




#41
Methacrylonitrile
Concen: 14.322 ug/l
RT: 7.220 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

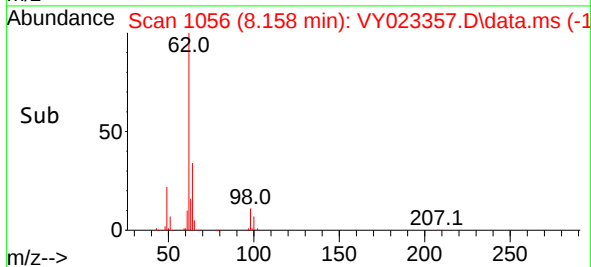
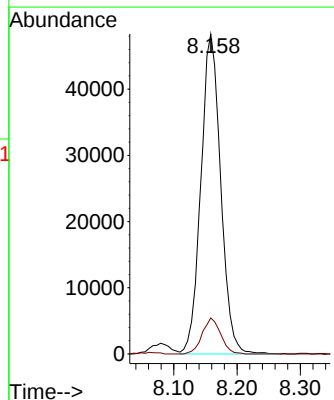
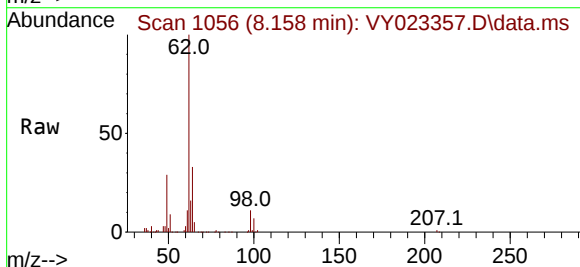
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

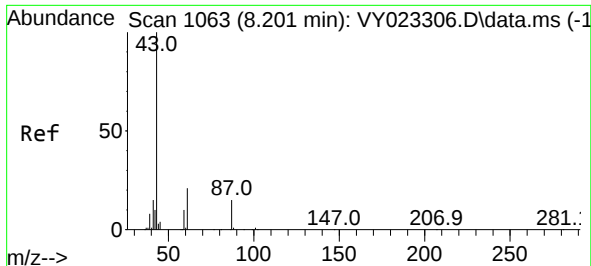
Tgt Ion:	41	Resp:	19384
Ion	Ratio	Lower	Upper
41	100		
39	77.5	43.4	65.2#
67	126.1	63.6	95.4#
52	51.3	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 20.268 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion:	62	Resp:	105380
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6

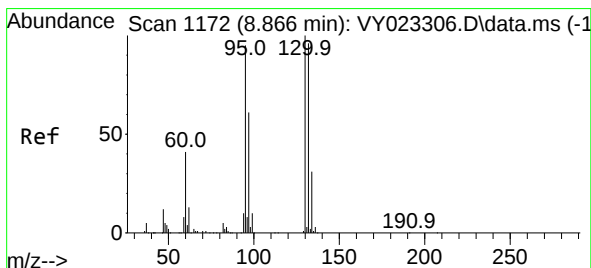
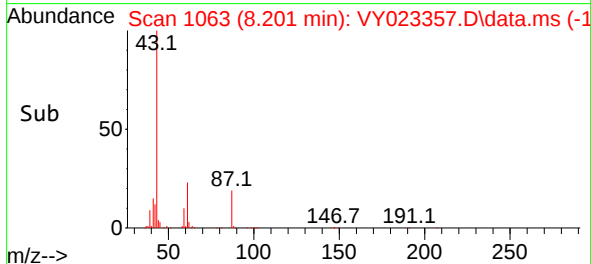
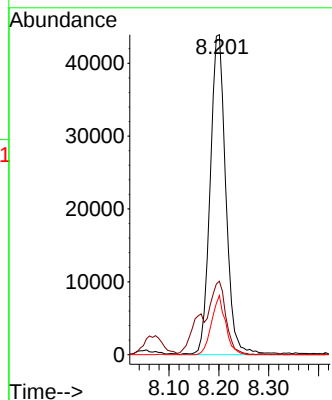
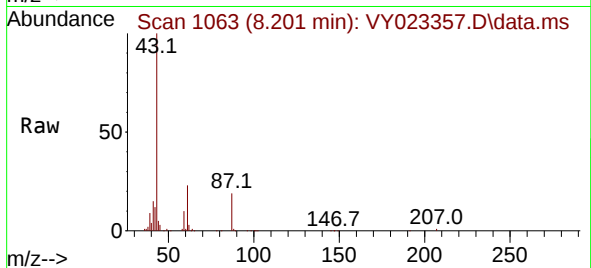




#43
Isopropyl Acetate
Concen: 18.823 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

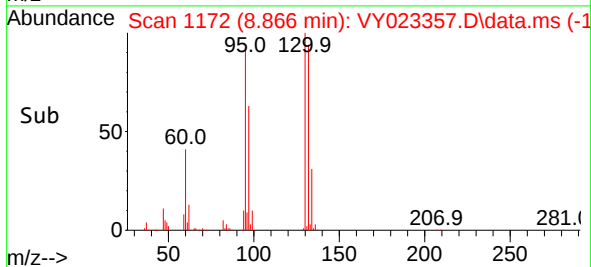
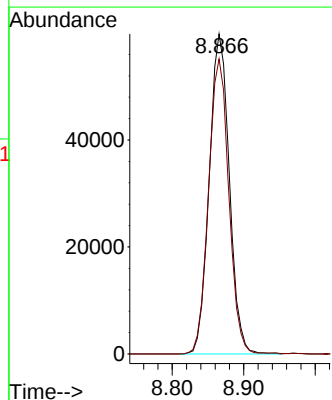
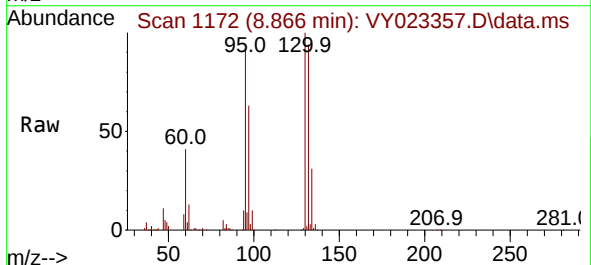
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

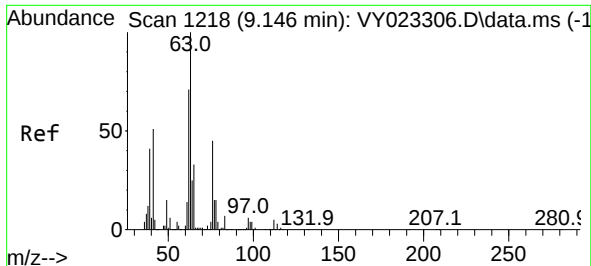
Tgt Ion: 43 Resp: 95683
Ion Ratio Lower Upper
43 100
61 23.6 16.4 24.6
87 16.6 11.8 17.6



#44
Trichloroethene
Concen: 20.503 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion:130 Resp: 116626
Ion Ratio Lower Upper
130 100
95 92.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.351 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

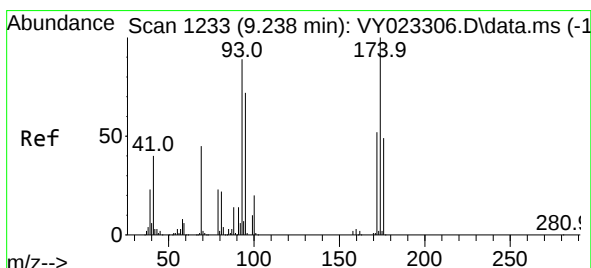
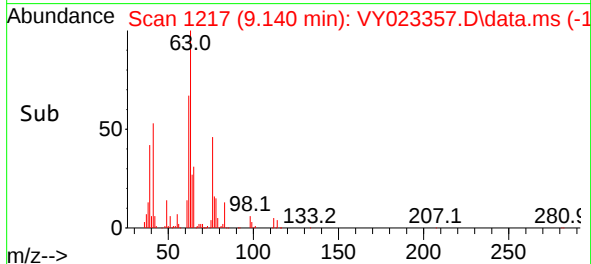
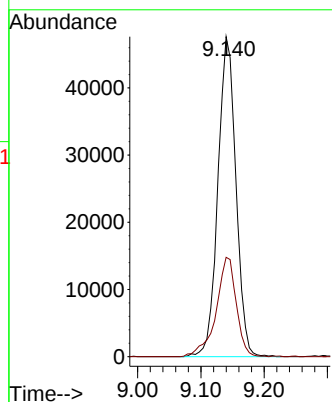
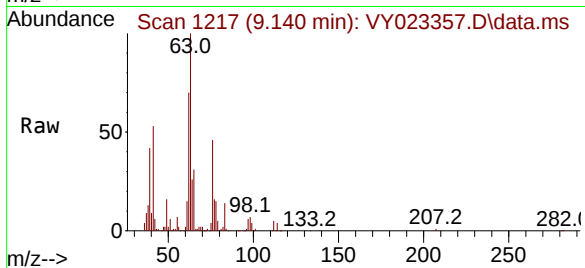
VY0912SBS01

Tgt Ion: 63 Resp: 93863

Ion Ratio Lower Upper

63 100

65 31.0 25.3 37.9



#46

Dibromomethane

Concen: 20.276 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

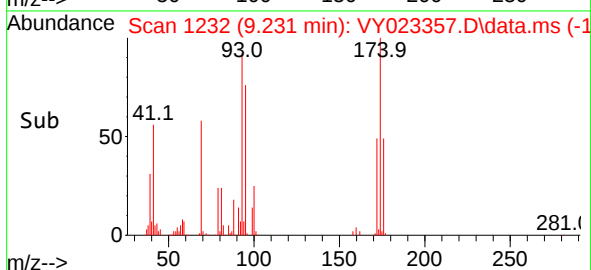
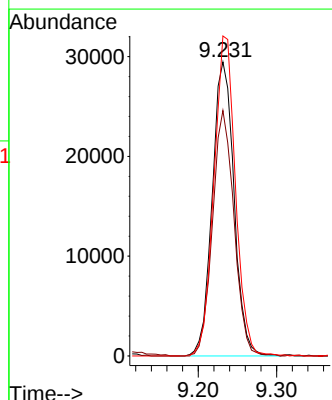
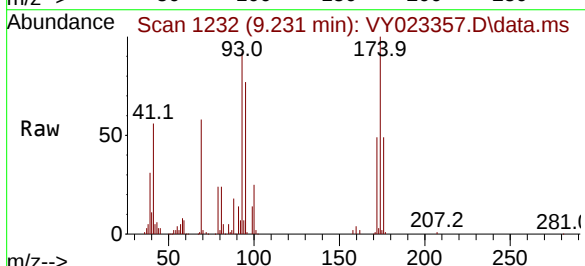
Tgt Ion: 93 Resp: 56951

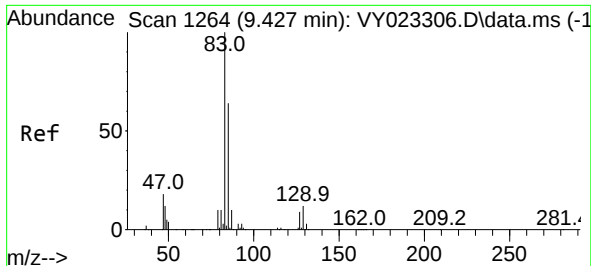
Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

174 107.9 81.8 122.8

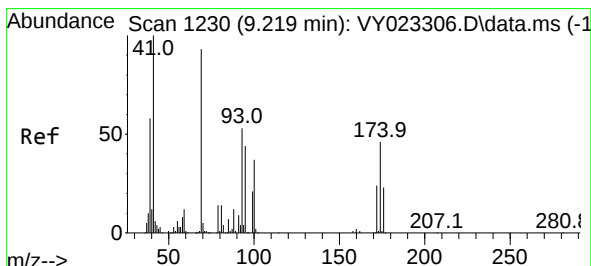
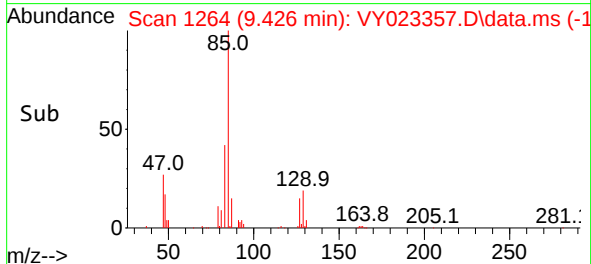
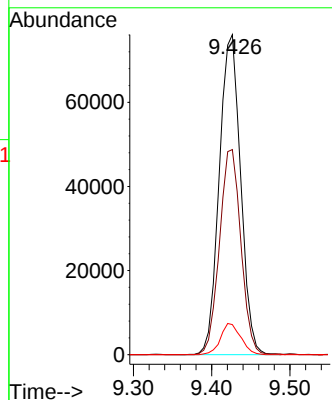
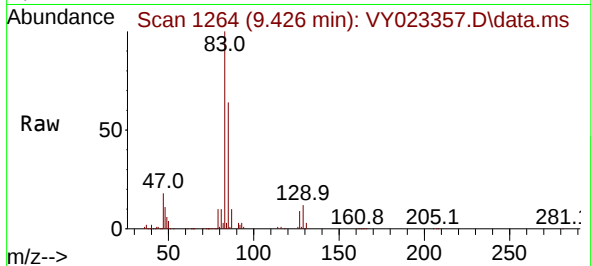




#47
Bromodichloromethane
Concen: 20.408 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

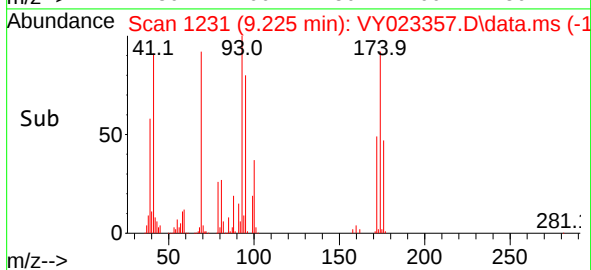
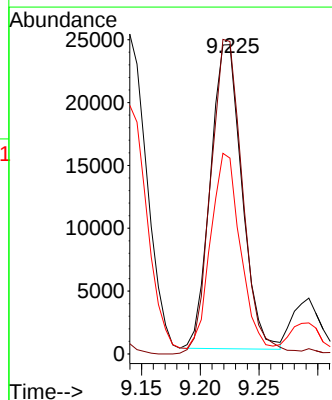
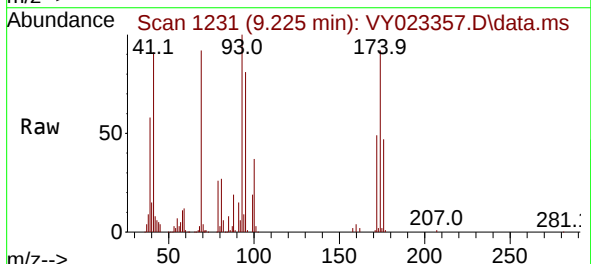
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

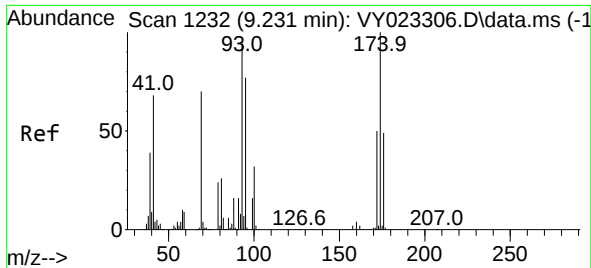
Tgt Ion: 83 Resp: 144208
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 19.048 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 41 Resp: 45131
Ion Ratio Lower Upper
41 100
69 103.9 73.2 109.8
39 60.3 47.0 70.4

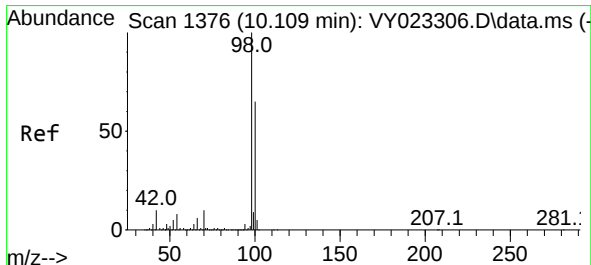
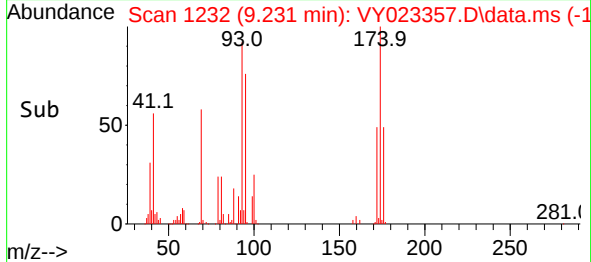
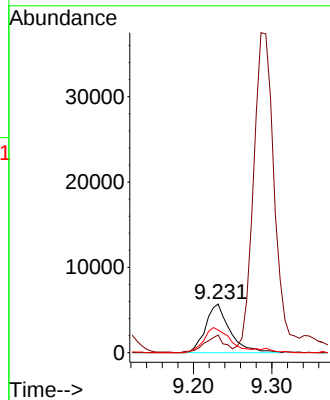
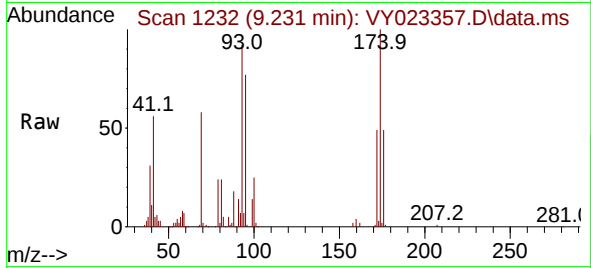




#49
1,4-Dioxane
Concen: 429.930 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

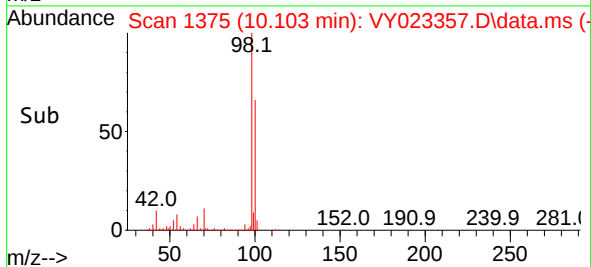
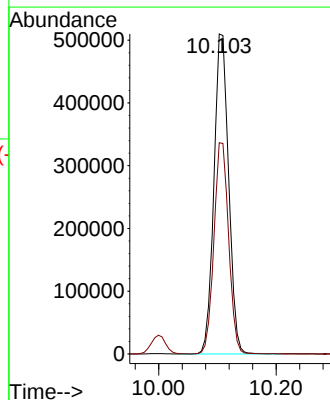
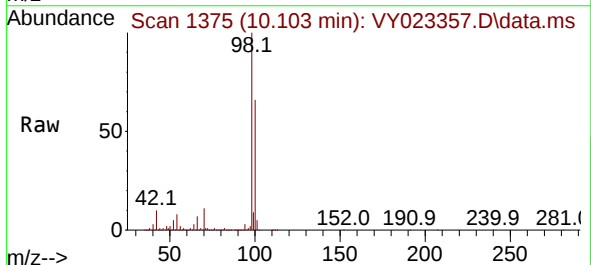
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

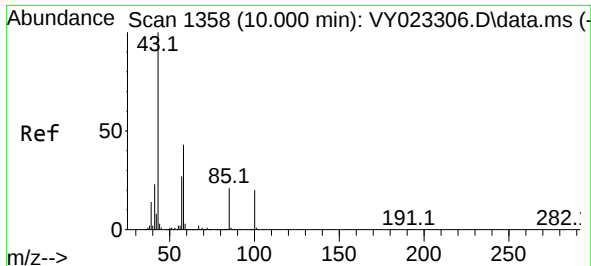
Tgt Ion: 88 Resp: 12258
Ion Ratio Lower Upper
88 100
43 29.5 24.3 36.5
58 55.3 55.4 83.0#



#50
Toluene-d8
Concen: 50.886 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 98 Resp: 886366
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5

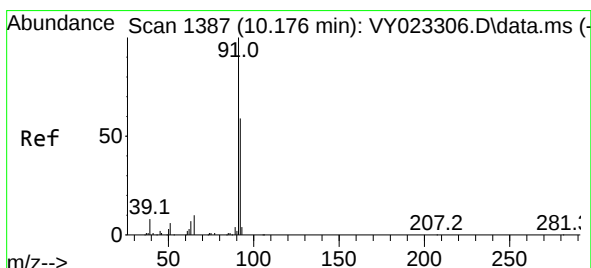
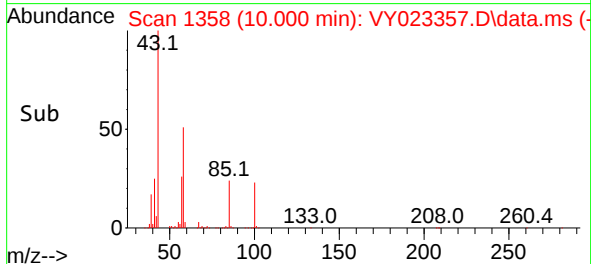
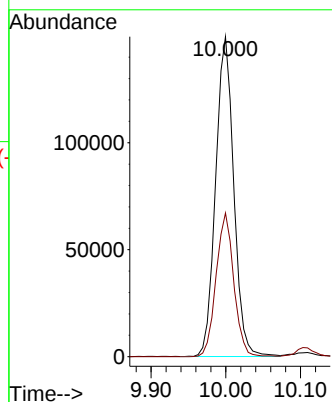
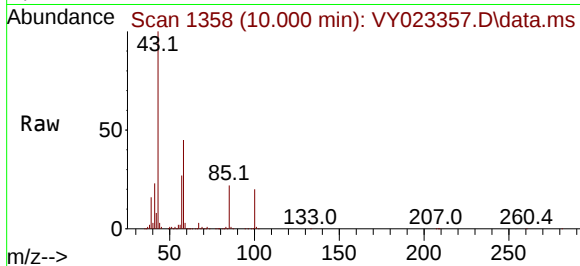




#51
4-Methyl-2-Pentanone
Concen: 97.009 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

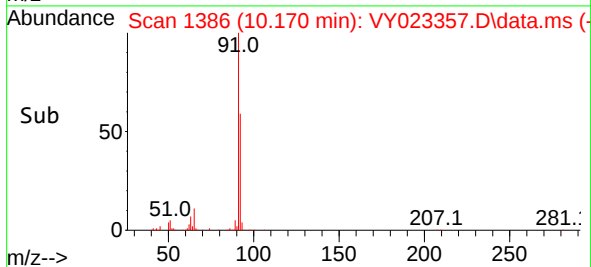
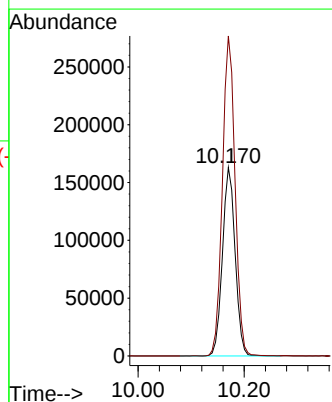
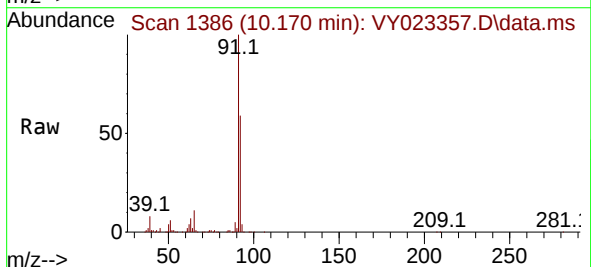
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

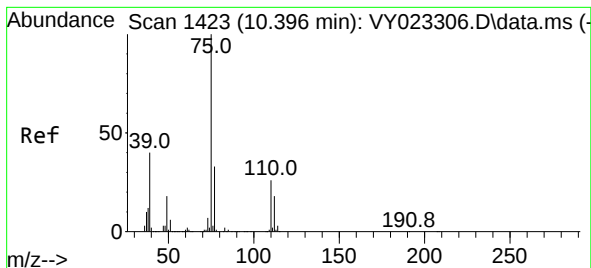
Tgt Ion: 43 Resp: 252287
Ion Ratio Lower Upper
43 100
58 43.9 33.5 50.3



#52
Toluene
Concen: 20.840 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 92 Resp: 270082
Ion Ratio Lower Upper
92 100
91 169.3 136.4 204.6

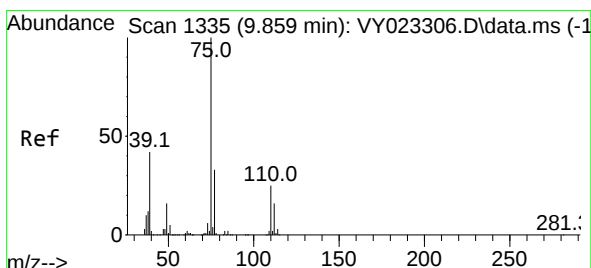
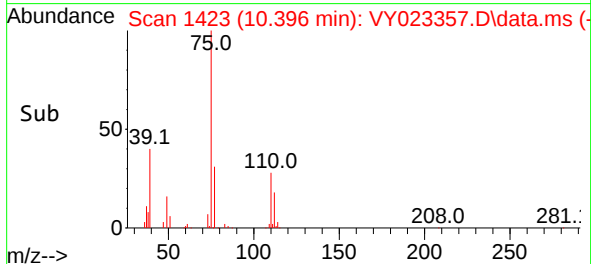
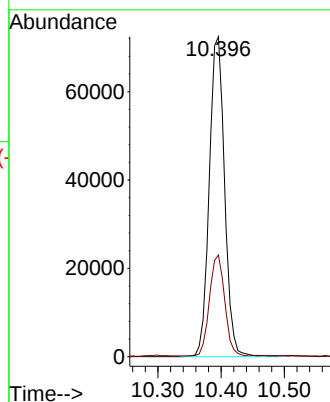
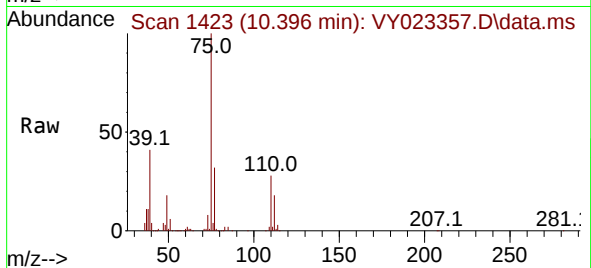




#53
t-1,3-Dichloropropene
Concen: 20.115 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

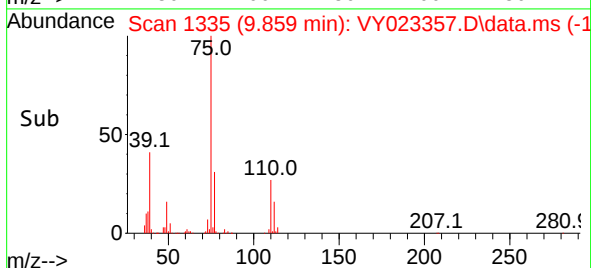
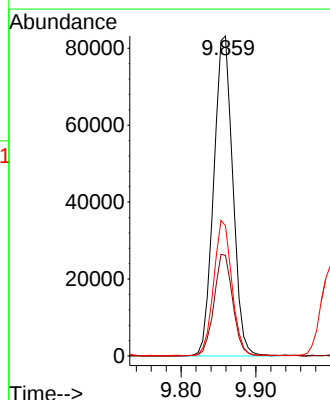
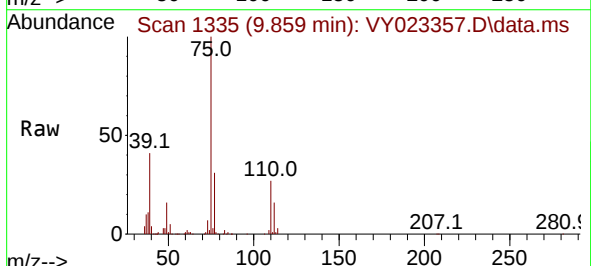
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

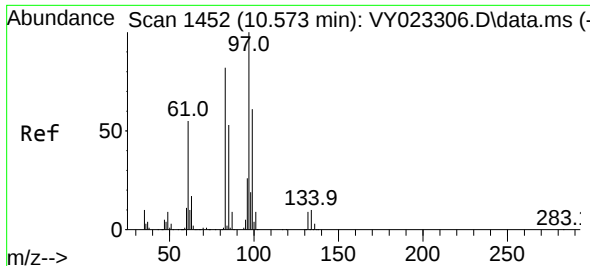
Tgt Ion: 75 Resp: 122372
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.303 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 75 Resp: 147593
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 40.5 35.6 53.4

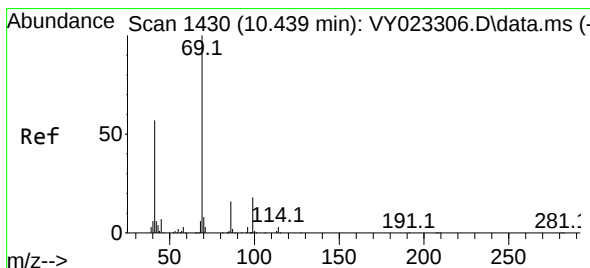
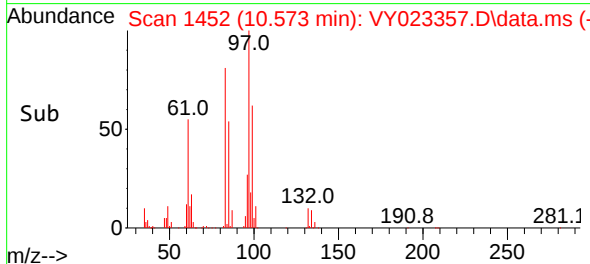
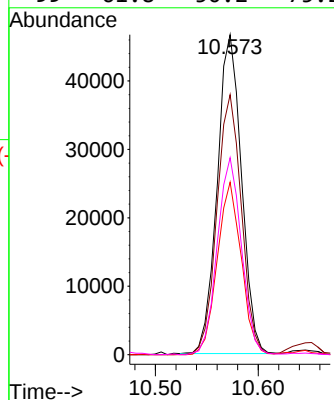
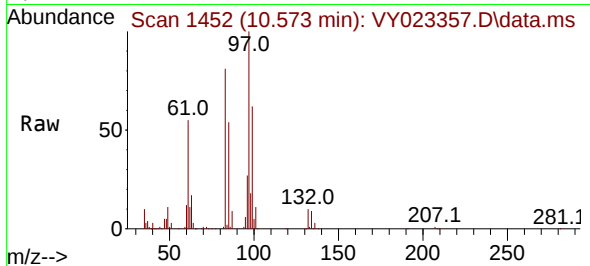




#55
 1,1,2-Trichloroethane
 Concen: 20.412 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

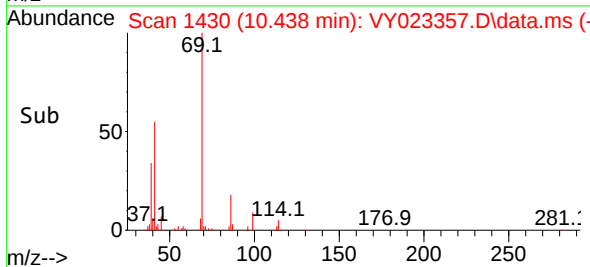
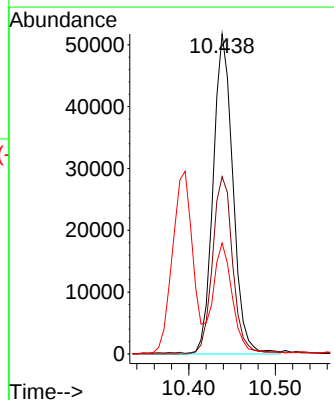
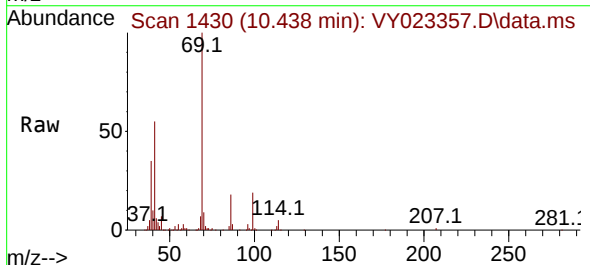
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

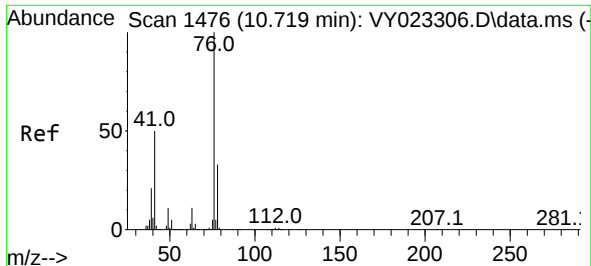
Tgt Ion:	97	Resp:	76265
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.7	101.5
85	54.1	44.5	66.7
99	61.8	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 18.918 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

Tgt Ion:	69	Resp:	81887
Ion	Ratio	Lower	Upper
69	100		
41	56.2	48.6	72.8
39	34.4	27.0	40.4





#57

1,3-Dichloropropane

Concen: 20.507 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

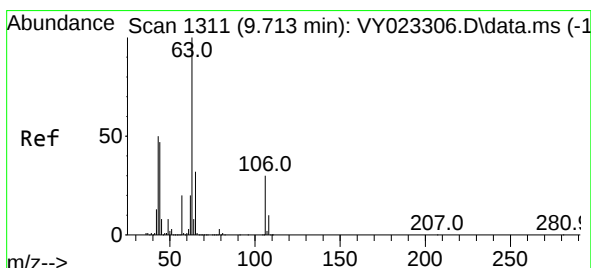
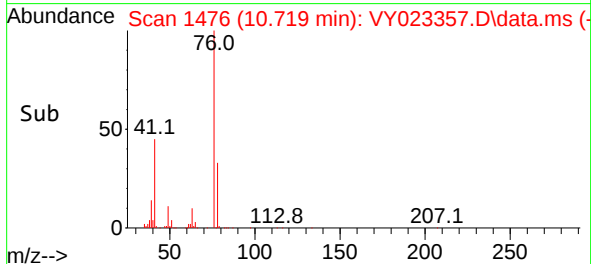
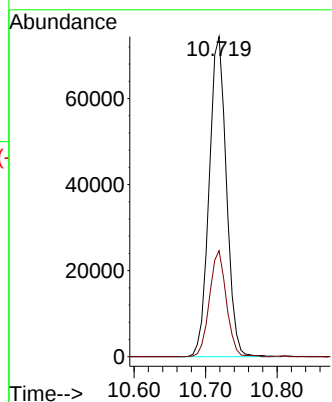
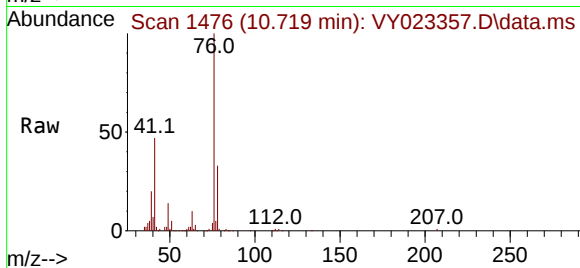
VY0912SBS01

Tgt Ion: 76 Resp: 124386

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.213 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023357.D

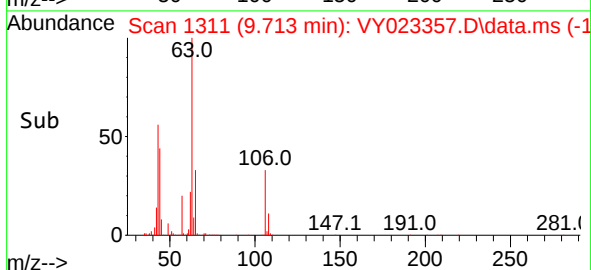
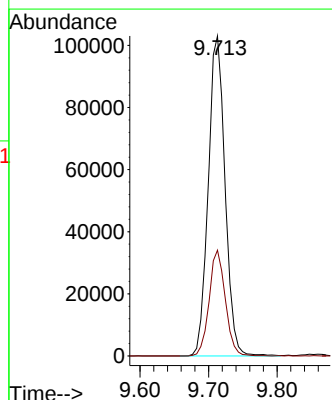
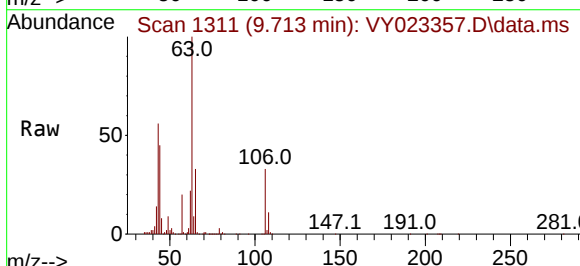
Acq: 12 Sep 2025 10:08

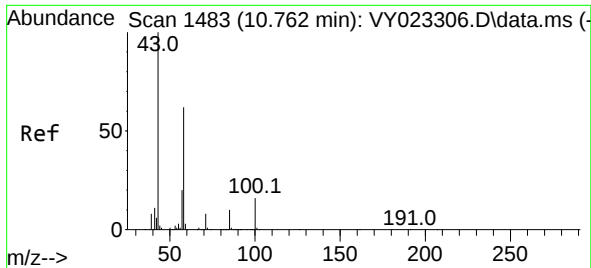
Tgt Ion: 63 Resp: 175856

Ion Ratio Lower Upper

63 100

106 31.8 23.2 34.8

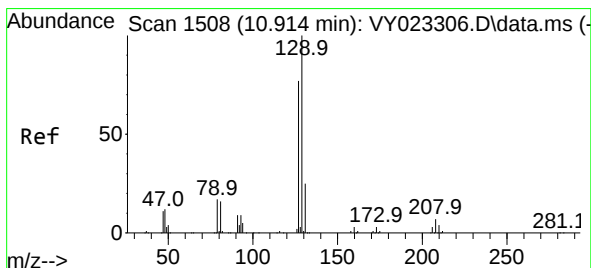
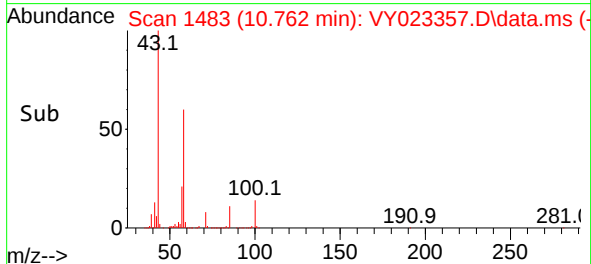
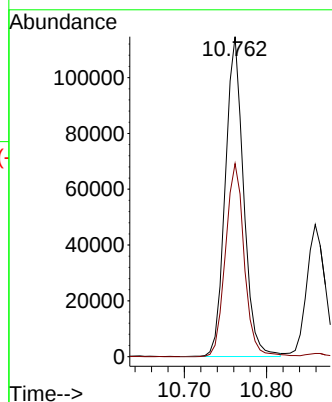
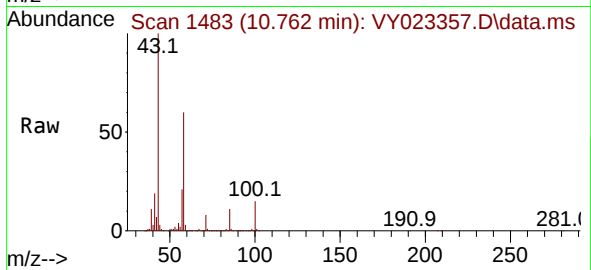




#59
2-Hexanone
Concen: 98.690 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

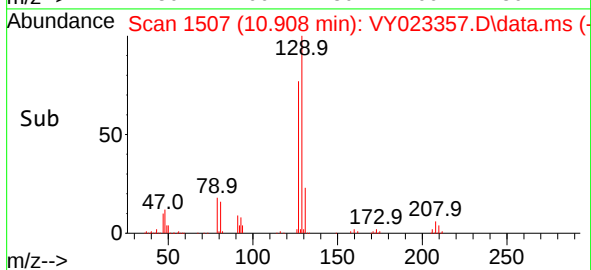
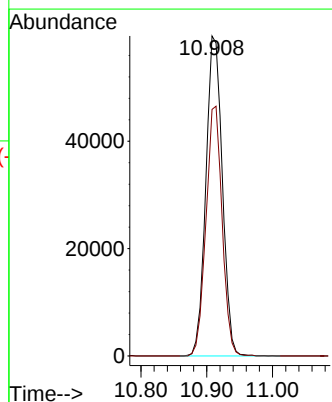
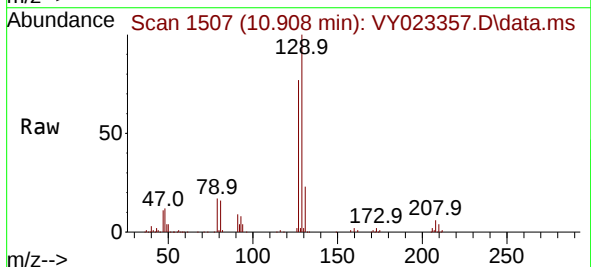
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

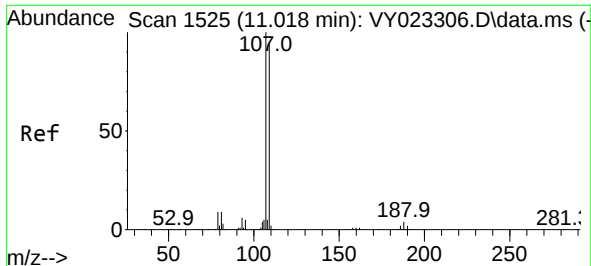
Tgt Ion: 43 Resp: 177427
Ion Ratio Lower Upper
43 100
58 62.0 29.5 88.5



#60
Dibromochloromethane
Concen: 20.450 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 129 Resp: 103671
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

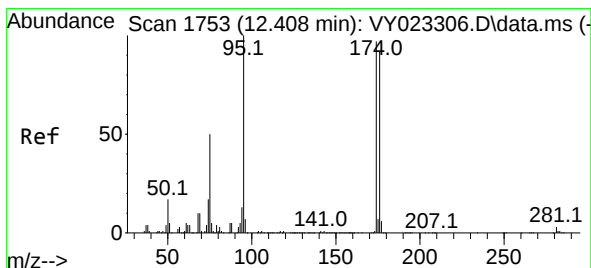
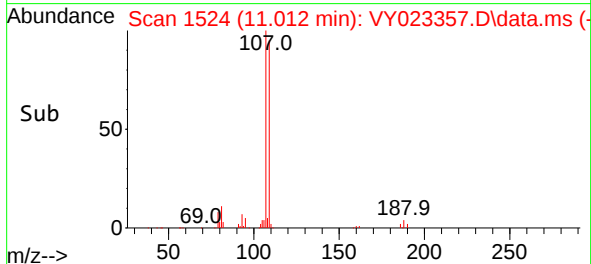
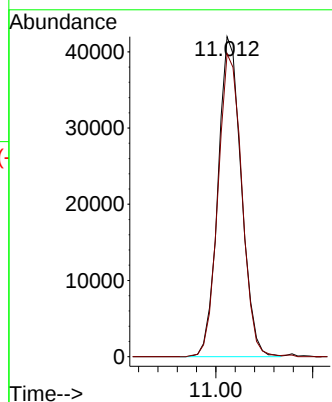
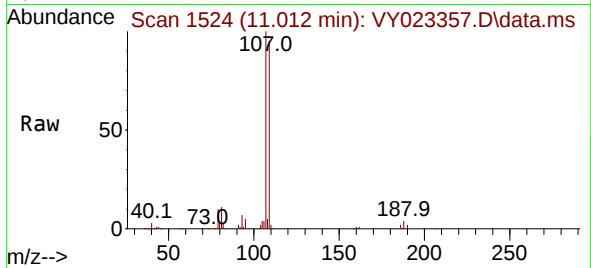




#61
1,2-Dibromoethane
Concen: 20.033 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

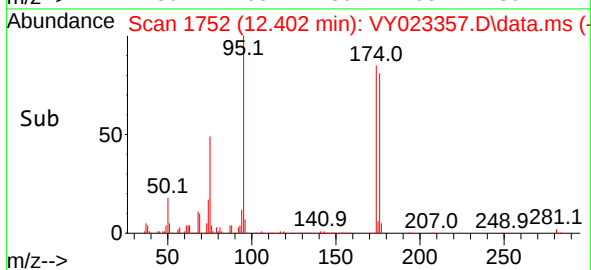
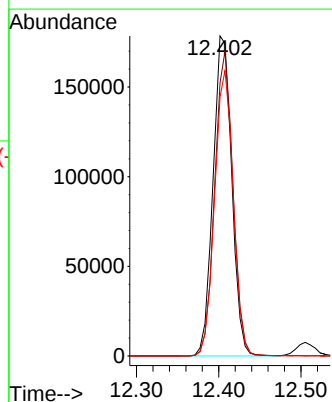
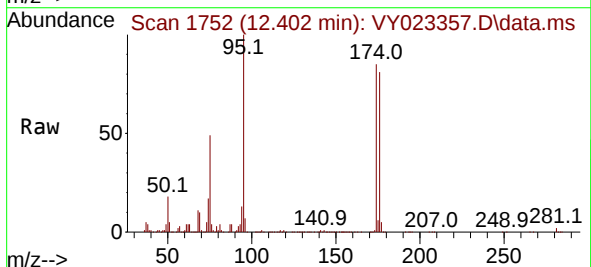
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

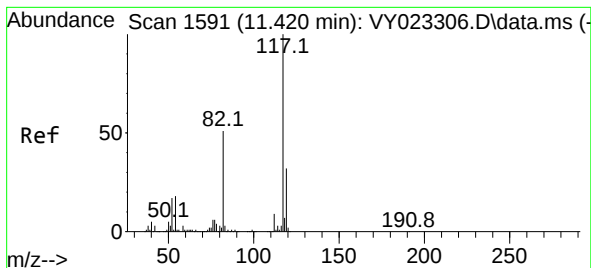
Tgt Ion:107 Resp: 70135
Ion Ratio Lower Upper
107 100
109 96.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.436 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 95 Resp: 281954
Ion Ratio Lower Upper
95 100
174 93.1 0.0 171.6
176 88.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

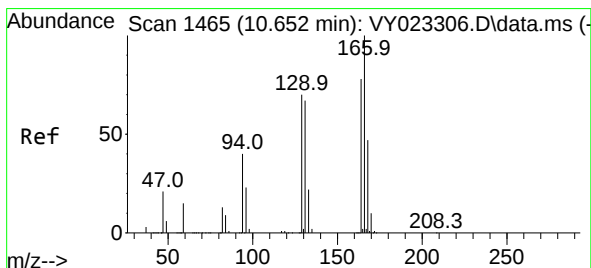
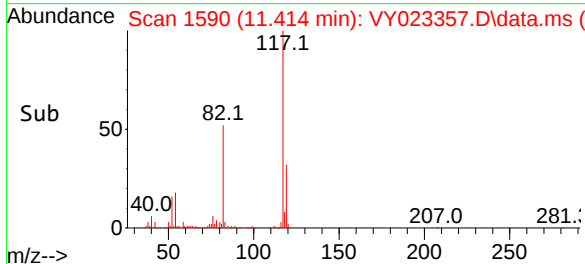
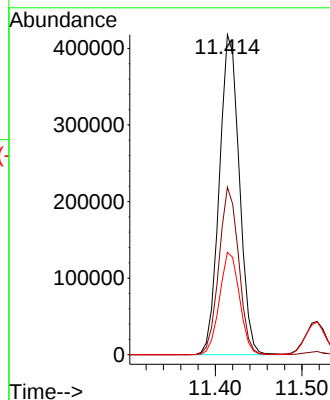
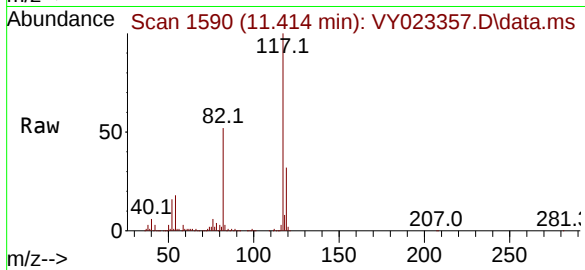
Tgt Ion:117 Resp: 670373

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 21.424 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Tgt Ion:164 Resp: 143142

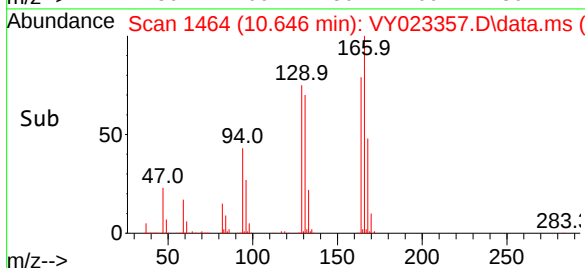
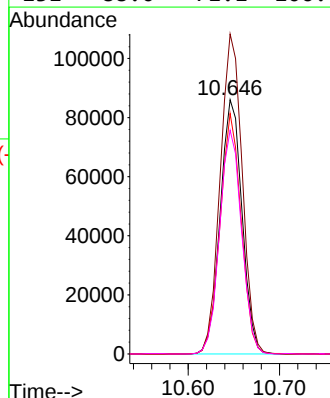
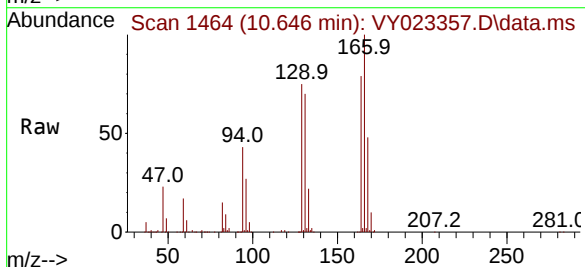
Ion Ratio Lower Upper

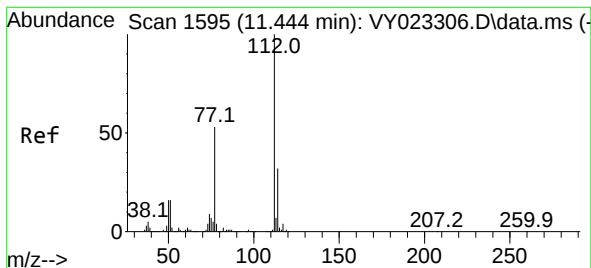
164 100

166 125.9 101.1 151.7

129 94.6 74.0 111.0

131 88.0 71.1 106.7





#65

Chlorobenzene

Concen: 20.273 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

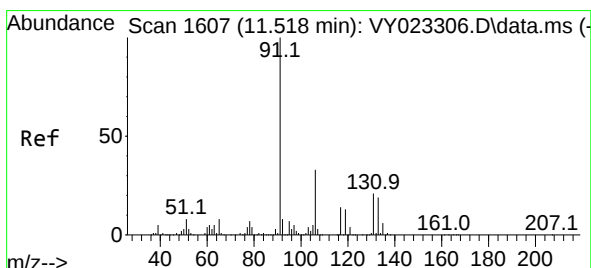
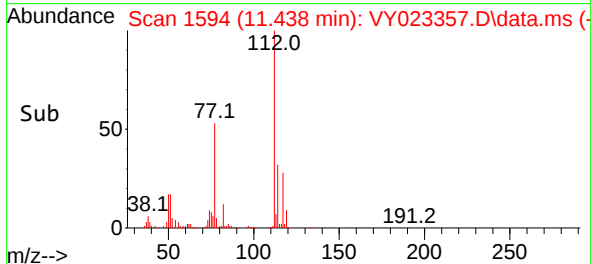
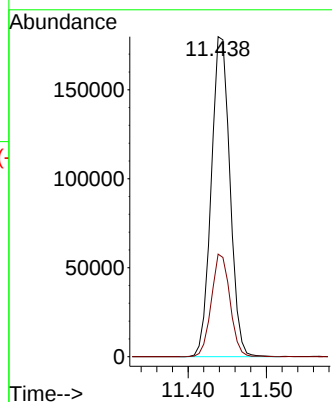
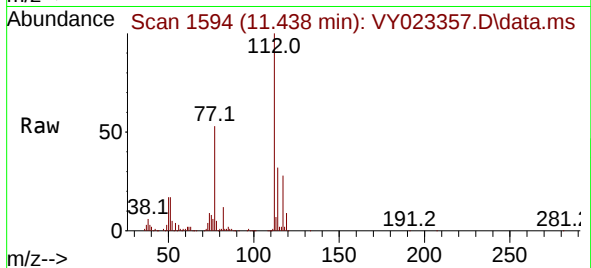
VY0912SBS01

Tgt Ion:112 Resp: 297736

Ion Ratio Lower Upper

112 100

114 32.1 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.089 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

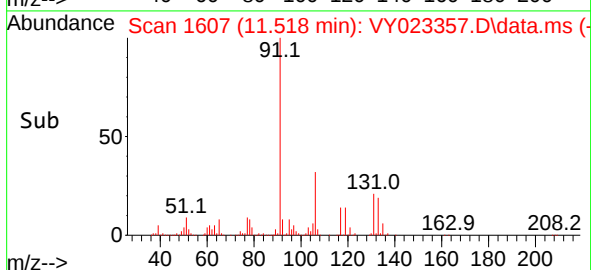
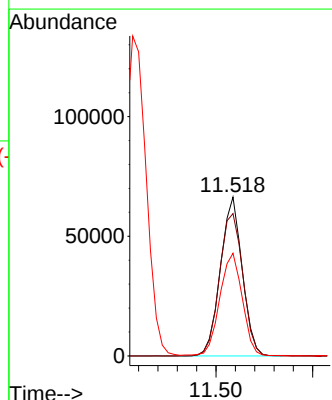
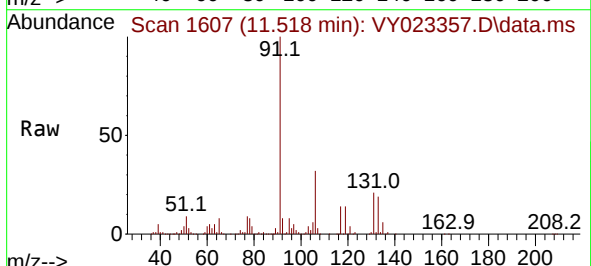
Tgt Ion:131 Resp: 103557

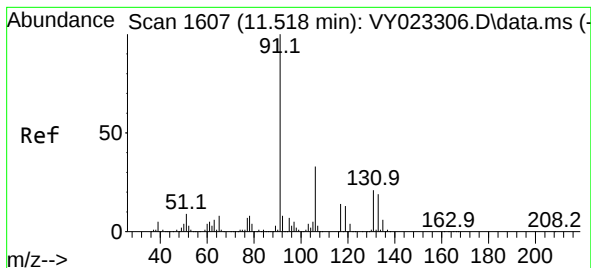
Ion Ratio Lower Upper

131 100

133 96.6 46.9 140.6

119 67.0 33.2 99.6

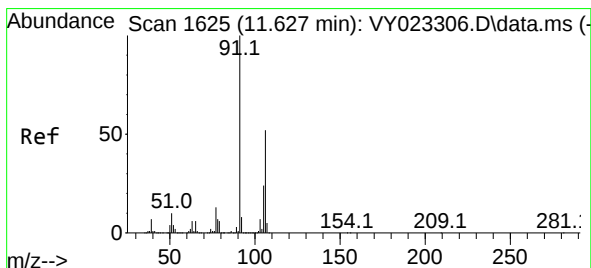
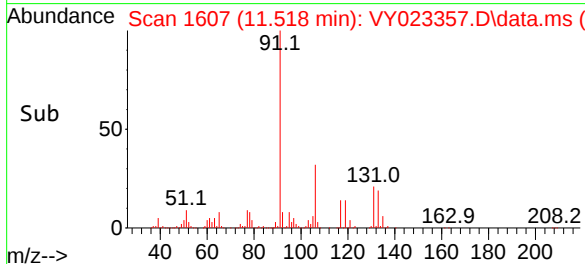
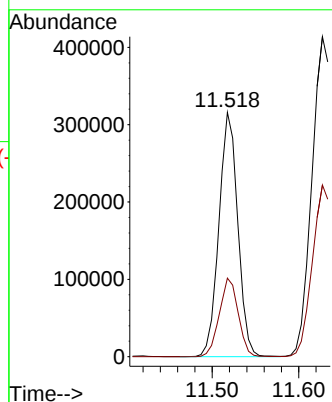
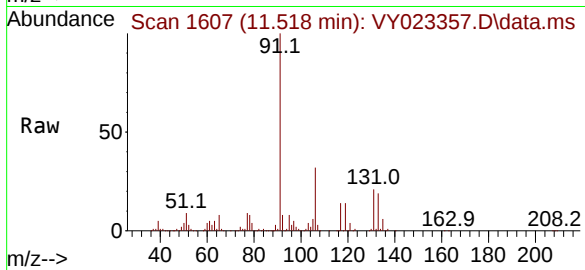




#67
Ethyl Benzene
Concen: 19.924 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

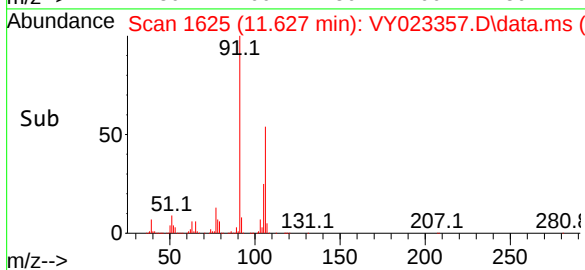
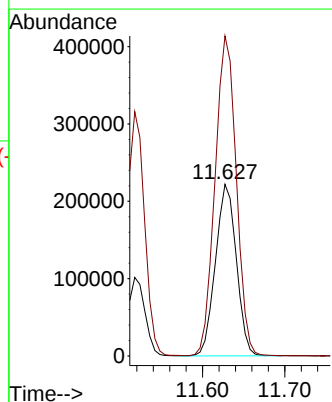
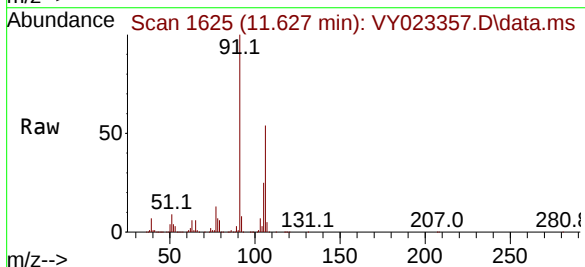
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

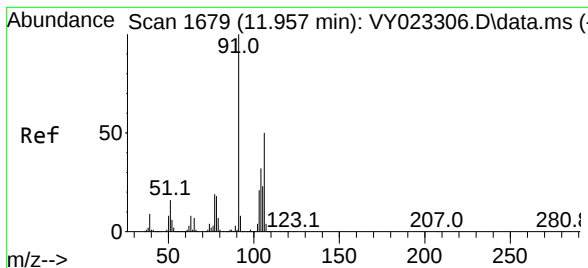
Tgt Ion: 91 Resp: 478039
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4



#68
m/p-Xylenes
Concen: 40.710 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 106 Resp: 391113
Ion Ratio Lower Upper
106 100
91 189.9 158.6 238.0

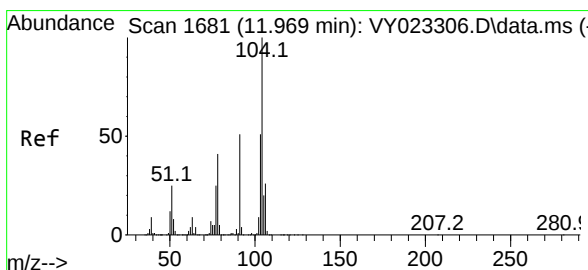
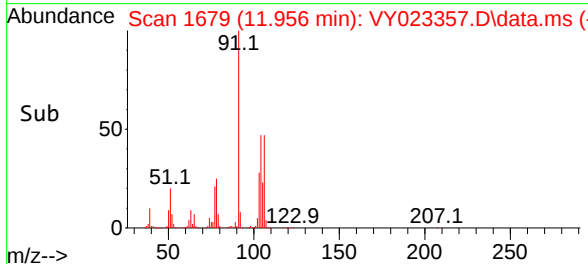
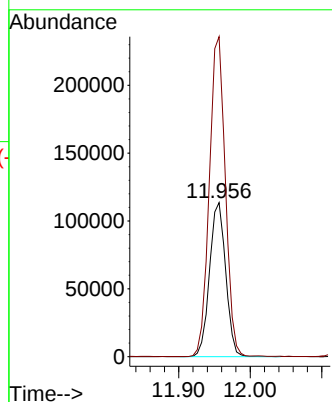
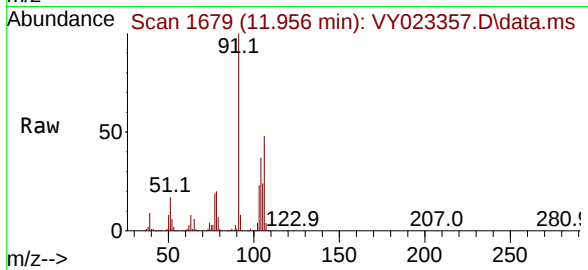




#69
o-Xylene
Concen: 19.996 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

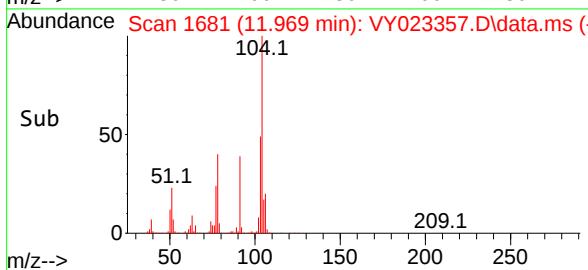
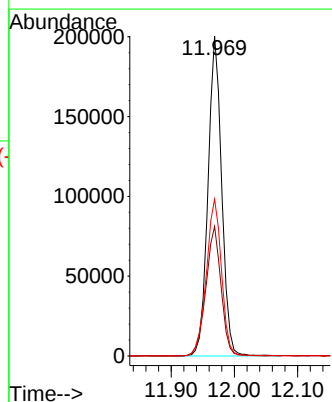
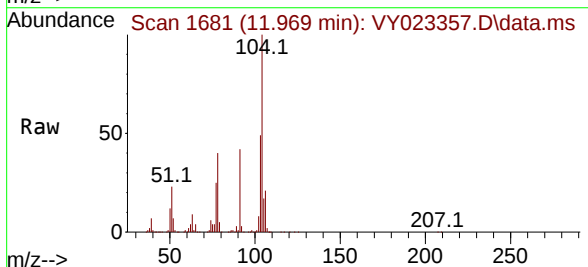
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

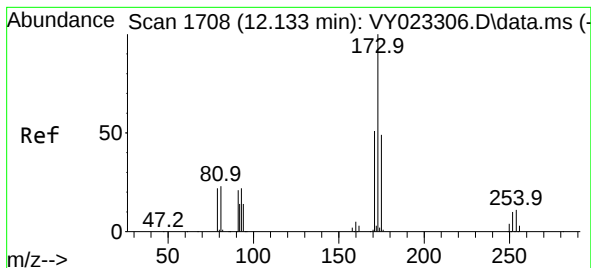
Tgt Ion:106 Resp: 177839
Ion Ratio Lower Upper
106 100
91 205.9 103.2 309.4



#70
Styrene
Concen: 20.508 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion:104 Resp: 302287
Ion Ratio Lower Upper
104 100
78 44.8 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 20.083 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

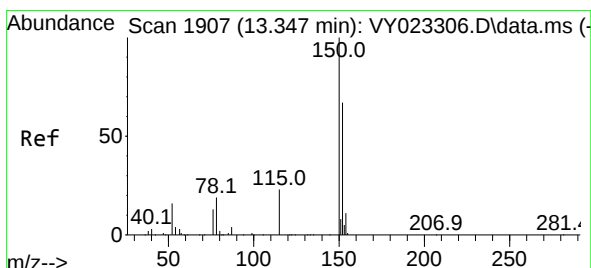
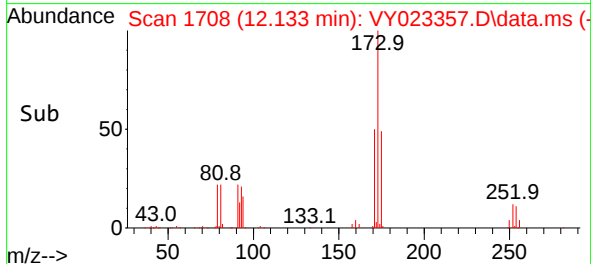
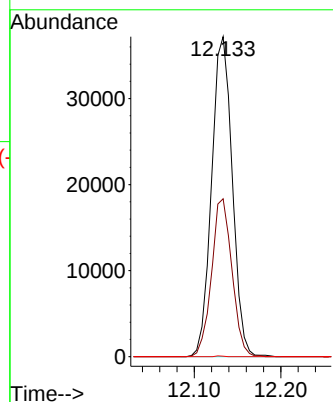
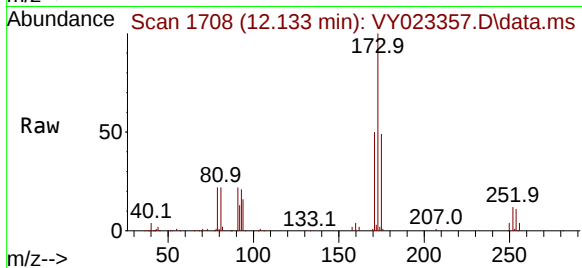
Tgt Ion:173 Resp: 61651

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.1 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: VY023357.D

Acq: 12 Sep 2025 10:08

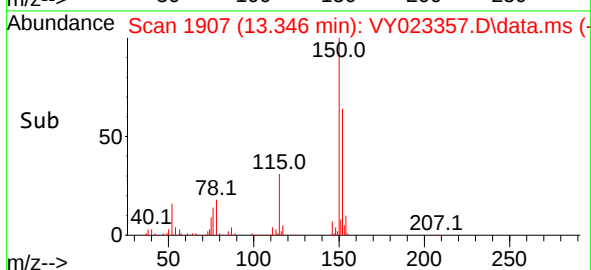
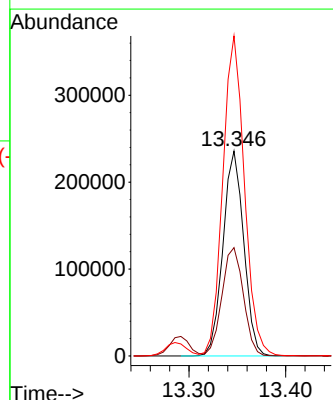
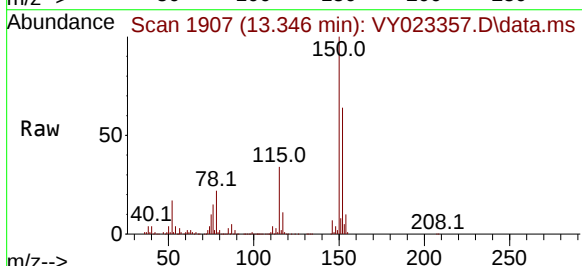
Tgt Ion:152 Resp: 351428

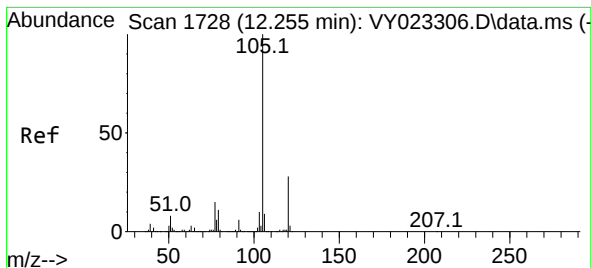
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.6

150 162.6 0.0 348.0





#73

Isopropylbenzene

Concen: 19.609 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

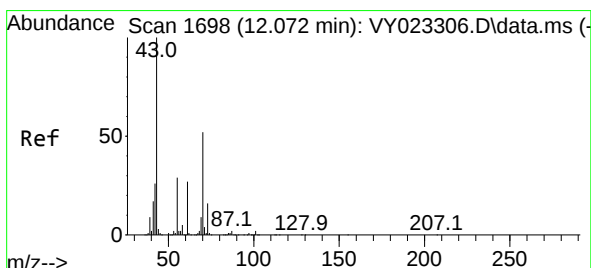
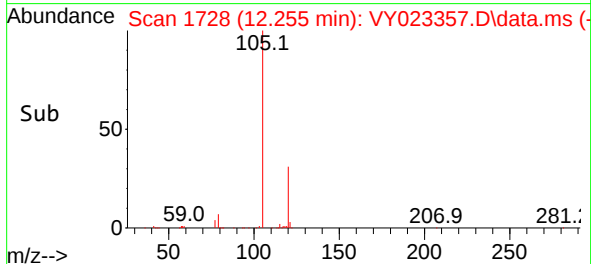
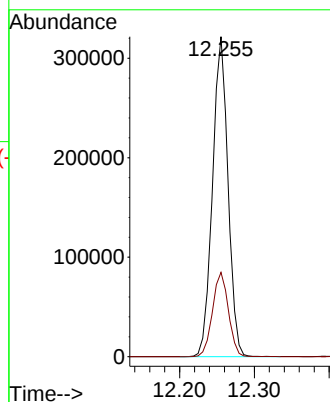
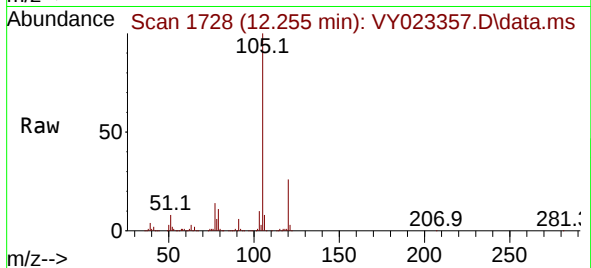
VY0912SBS01

Tgt Ion:105 Resp: 464183

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 17.836 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Tgt Ion: 43 Resp: 79808

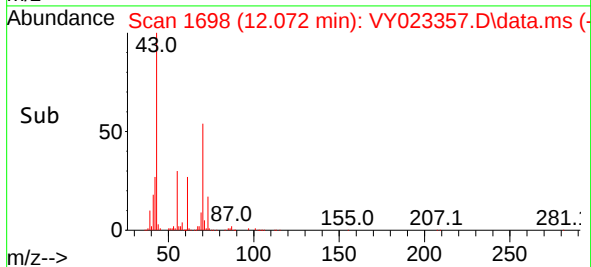
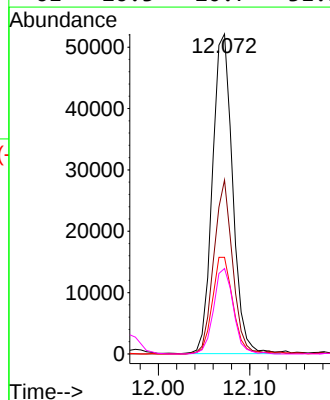
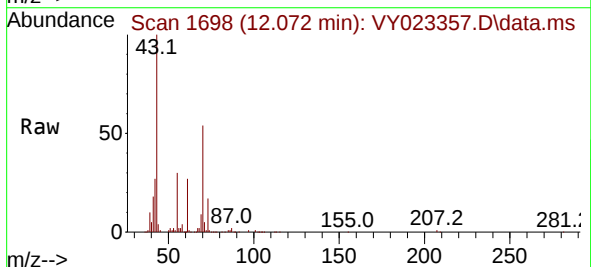
Ion Ratio Lower Upper

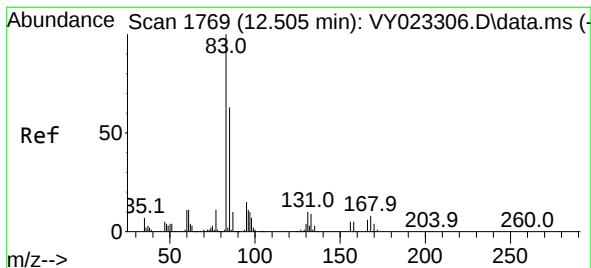
43 100

70 50.7 37.5 56.3

55 31.4 20.7 31.1#

61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.713 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

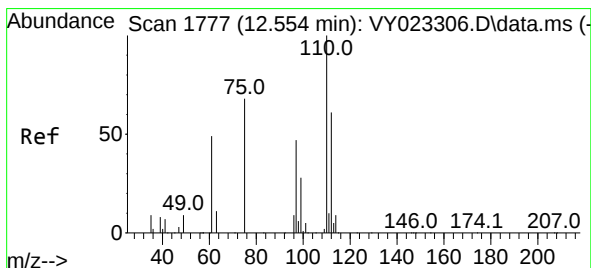
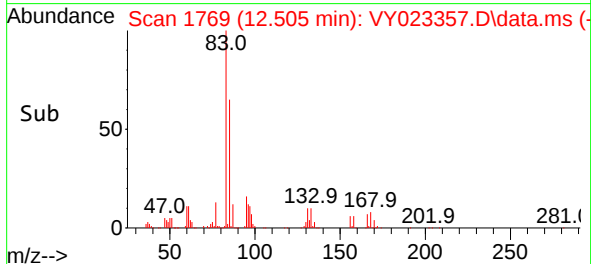
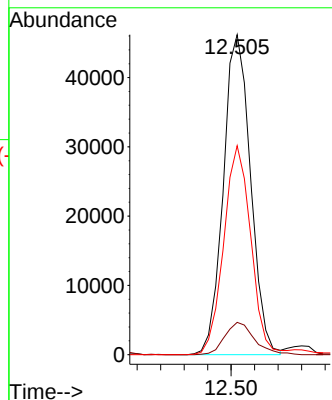
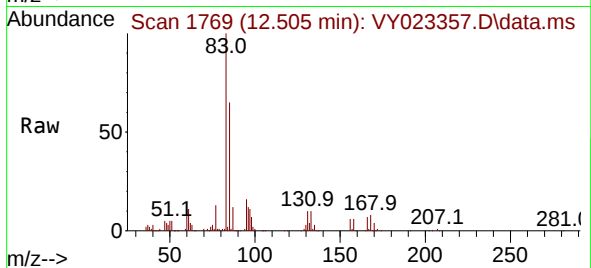
Tgt Ion: 83 Resp: 74346

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: 28.614 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023357.D

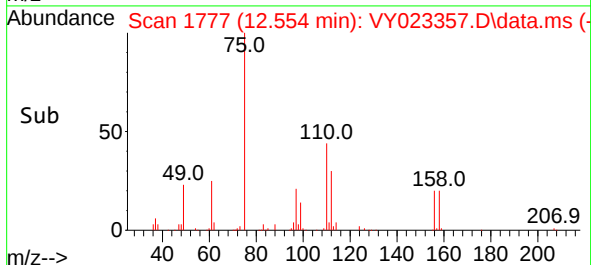
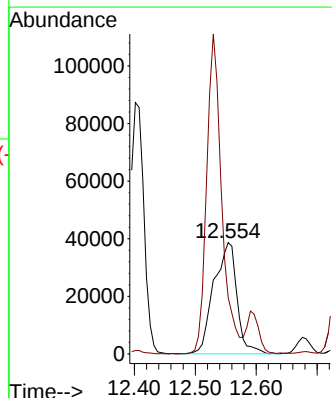
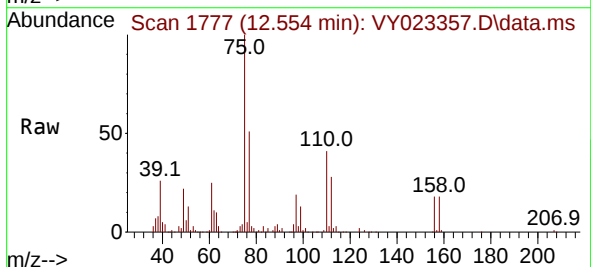
Acq: 12 Sep 2025 10:08

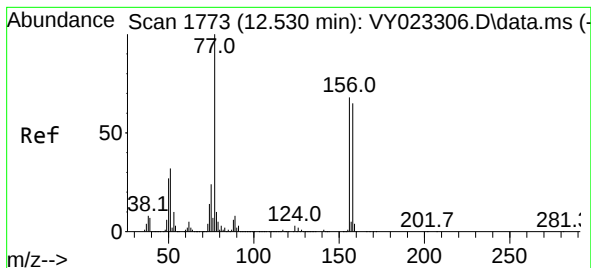
Tgt Ion: 75 Resp: 101832

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.481 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

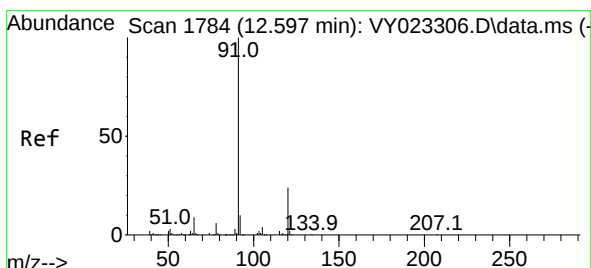
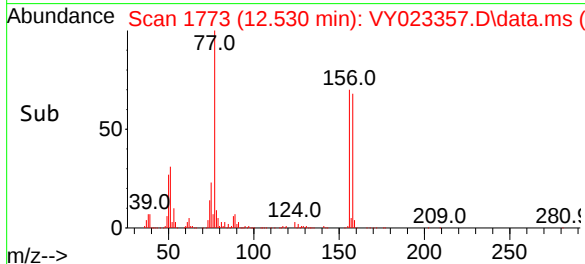
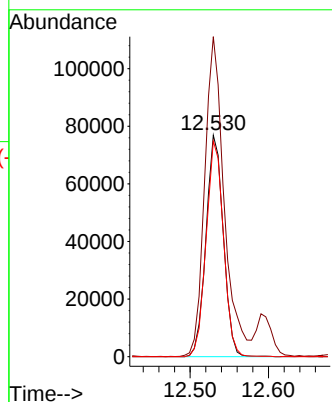
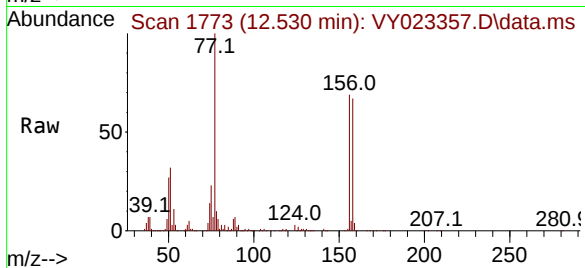
Tgt Ion:156 Resp: 117817

Ion Ratio Lower Upper

156 100

77 163.6 88.1 264.4

158 97.8 48.0 144.0



#78

n-propylbenzene

Concen: 19.807 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023357.D

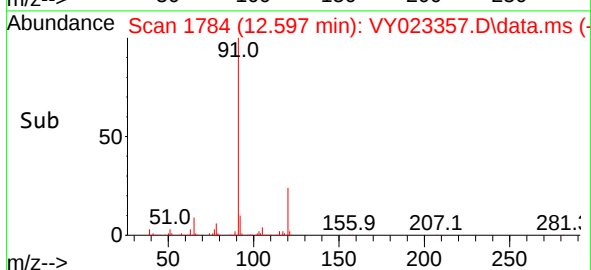
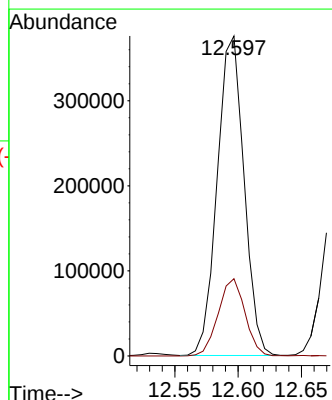
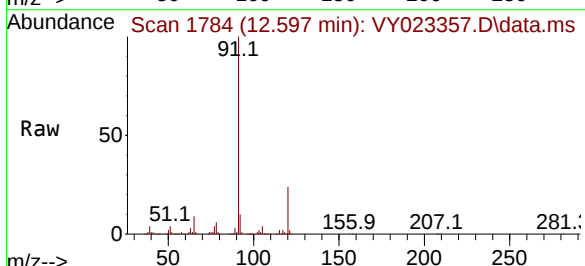
Acq: 12 Sep 2025 10:08

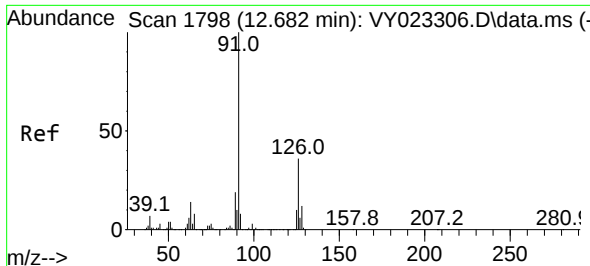
Tgt Ion: 91 Resp: 552614

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.5

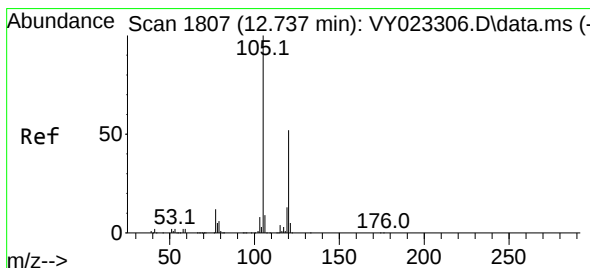
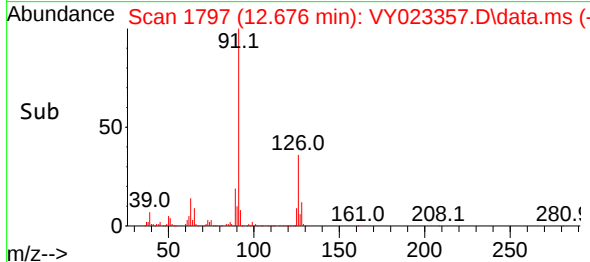
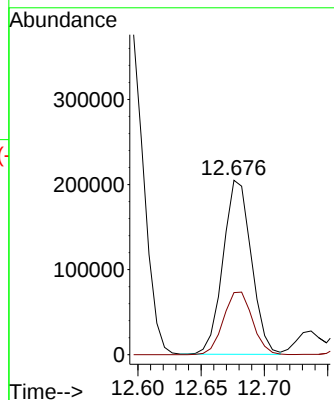
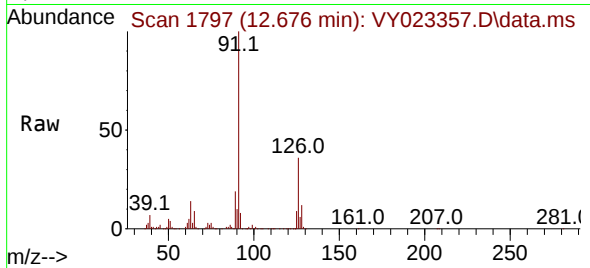




#79
2-Chlorotoluene
Concen: 19.802 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

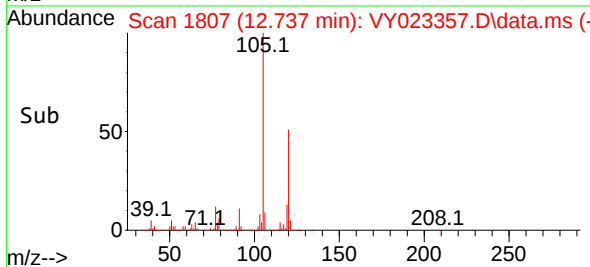
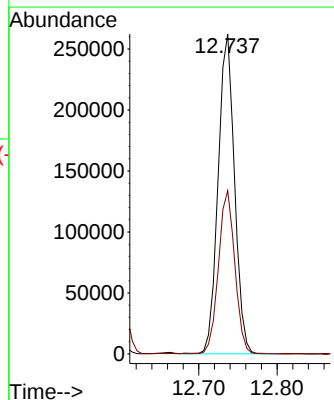
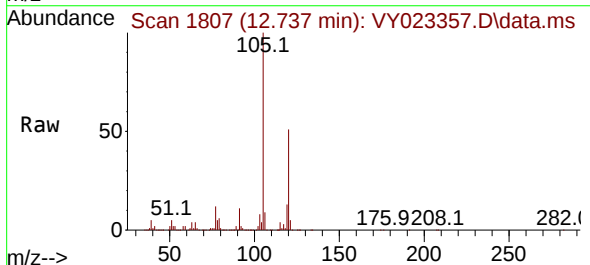
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

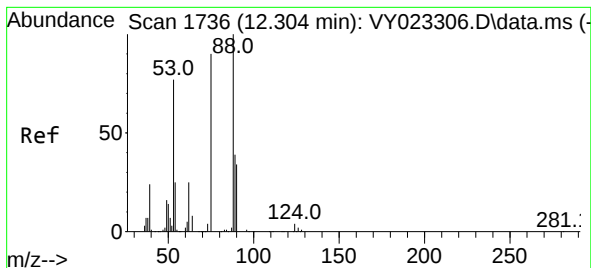
Tgt Ion: 91 Resp: 318212
Ion Ratio Lower Upper
91 100
126 37.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.815 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 105 Resp: 381504
Ion Ratio Lower Upper
105 100
120 51.1 24.8 74.4

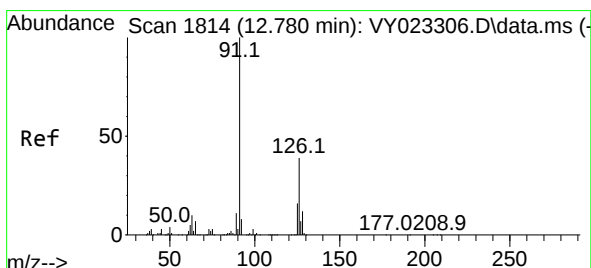
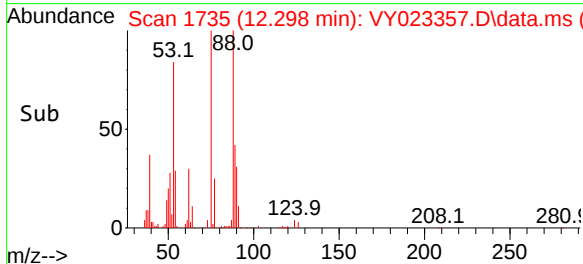
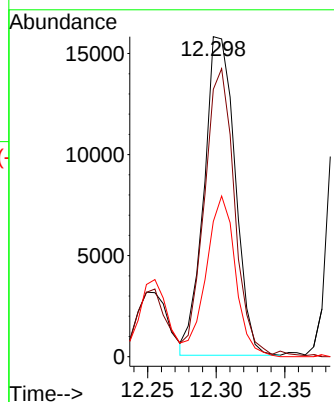
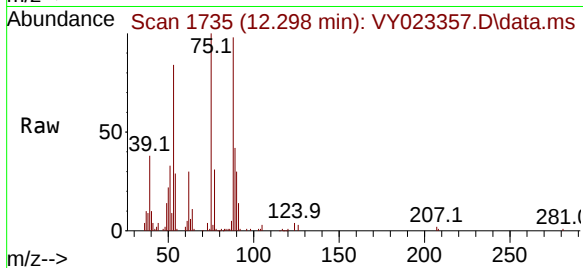




#81
trans-1,4-Dichloro-2-butene
Concen: 19.077 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

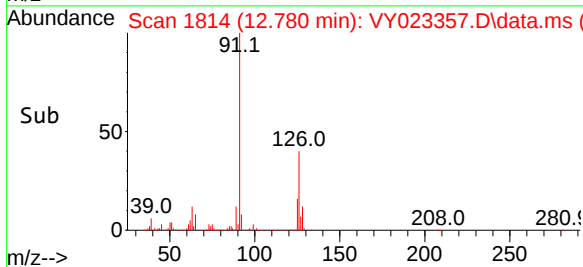
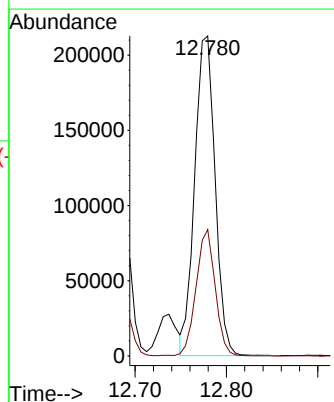
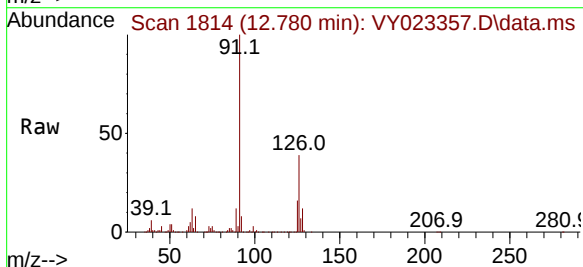
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

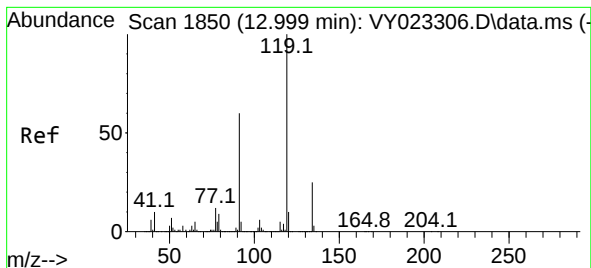
Tgt Ion: 75 Resp: 24896
Ion Ratio Lower Upper
75 100
53 88.6 70.8 106.2
89 47.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.627 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 91 Resp: 330020
Ion Ratio Lower Upper
91 100
126 37.1 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.643 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

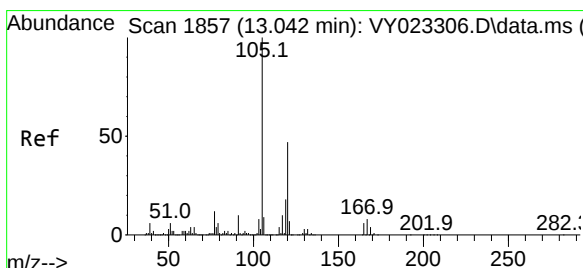
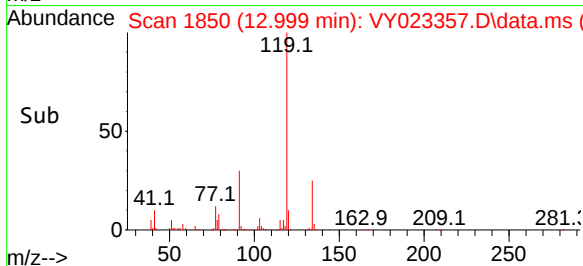
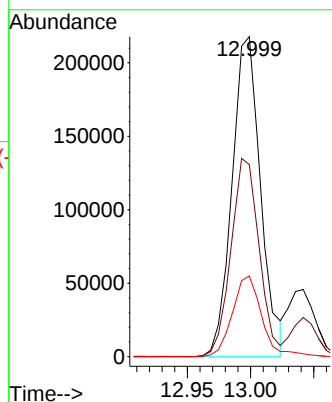
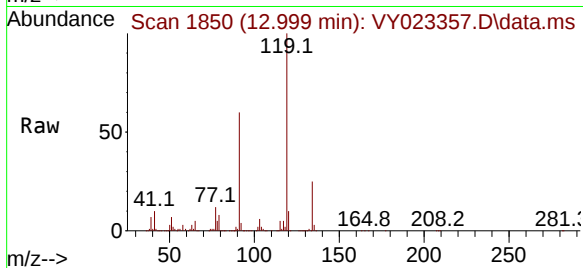
Tgt Ion:119 Resp: 342529

Ion Ratio Lower Upper

119 100

91 61.0 31.6 94.8

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.164 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023357.D

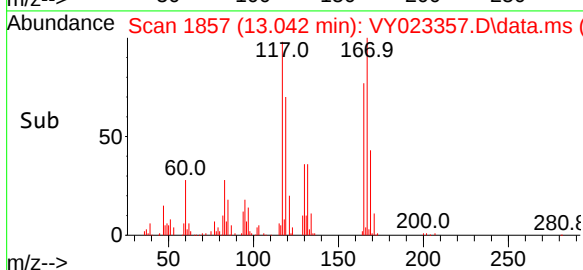
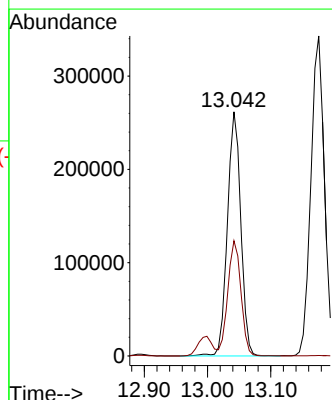
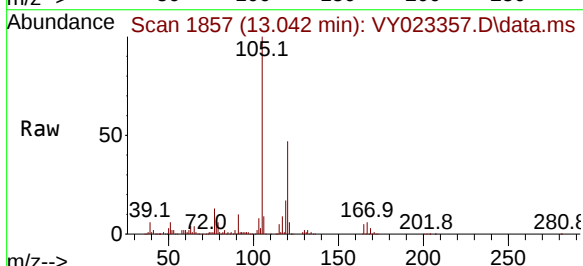
Acq: 12 Sep 2025 10:08

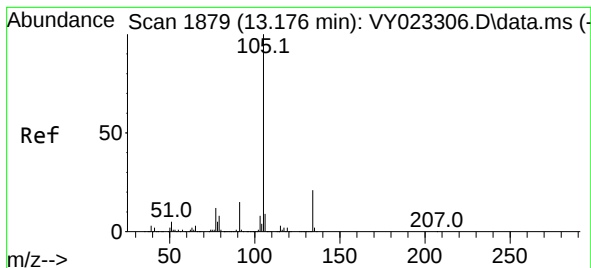
Tgt Ion:105 Resp: 384048

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.877 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

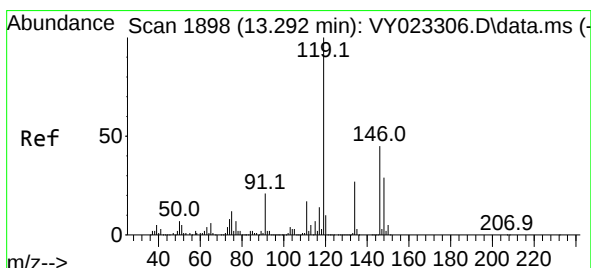
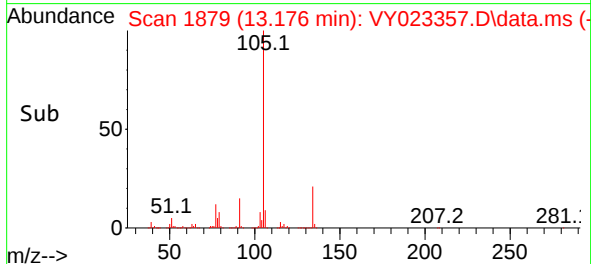
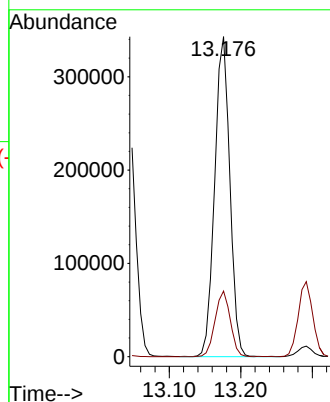
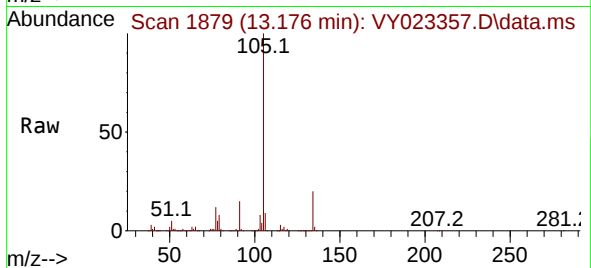
VY0912SBS01

Tgt Ion:105 Resp: 504307

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.070 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

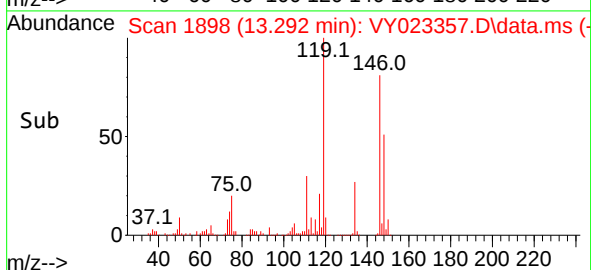
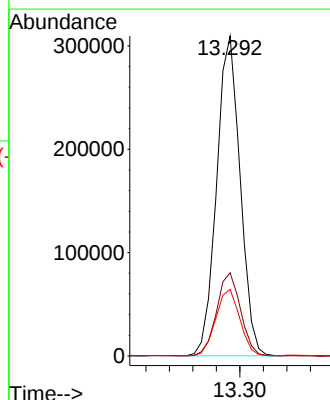
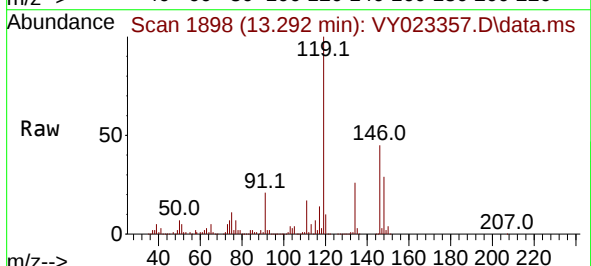
Tgt Ion:119 Resp: 430114

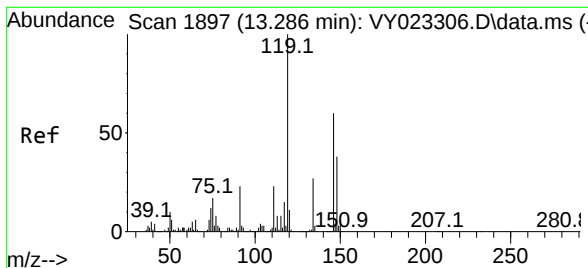
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 21.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.678 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

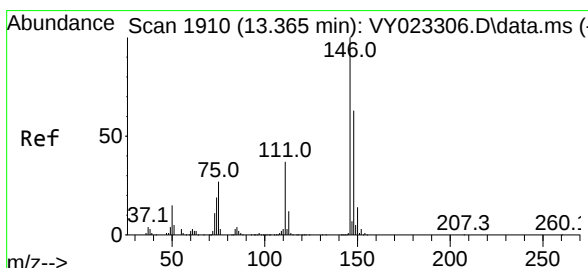
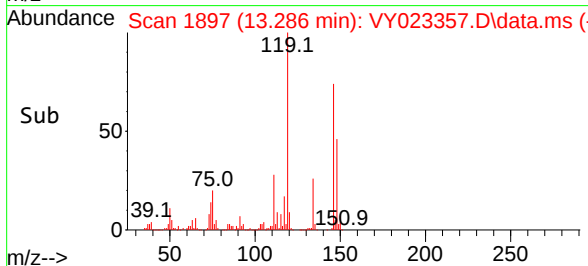
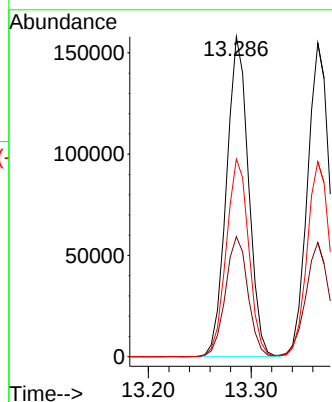
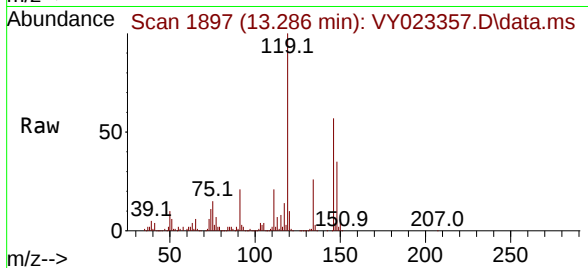
Tgt Ion:146 Resp: 235497

Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 62.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 19.700 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

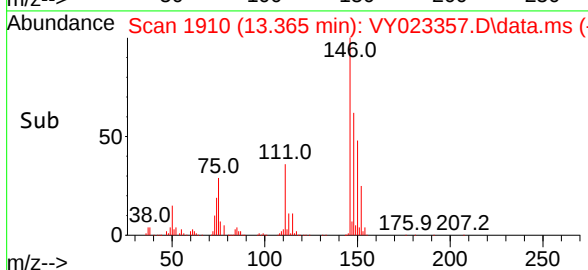
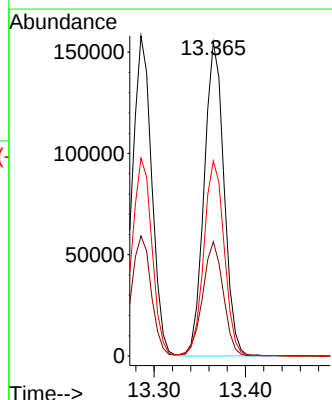
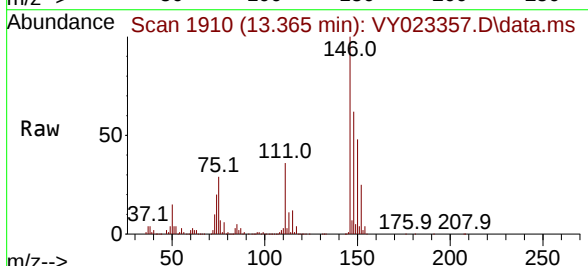
Tgt Ion:146 Resp: 233510

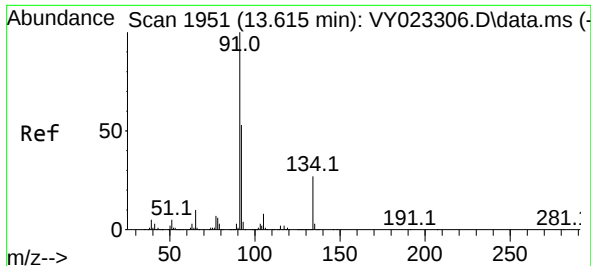
Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.1

148 64.0 31.6 94.7

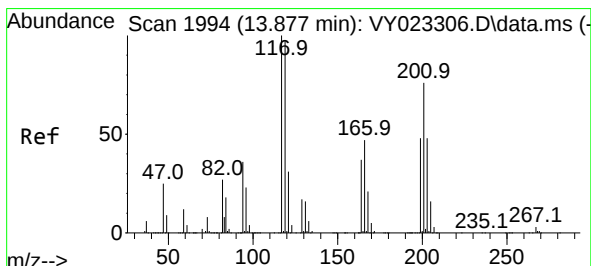
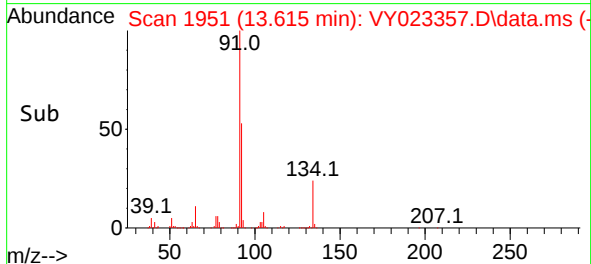
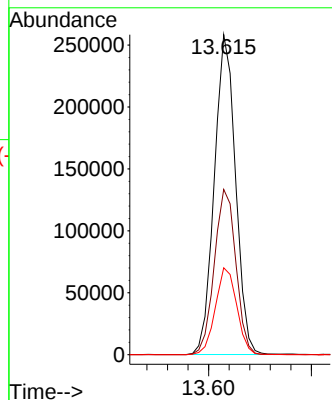
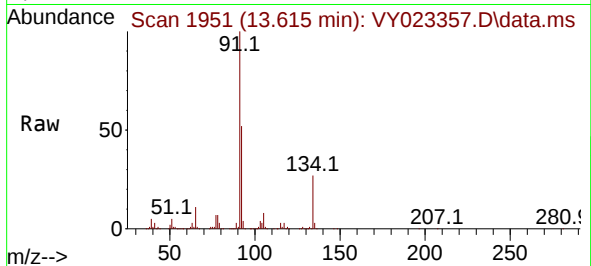




#89
n-Butylbenzene
Concen: 19.465 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

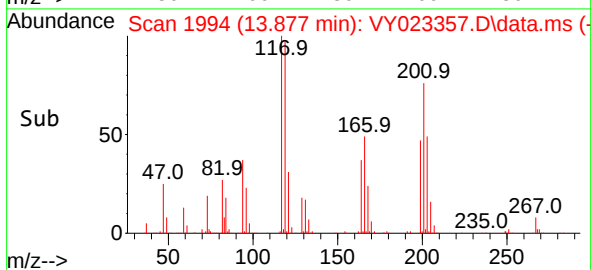
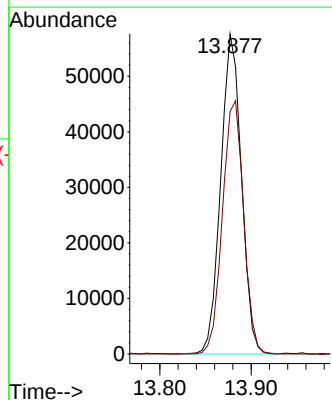
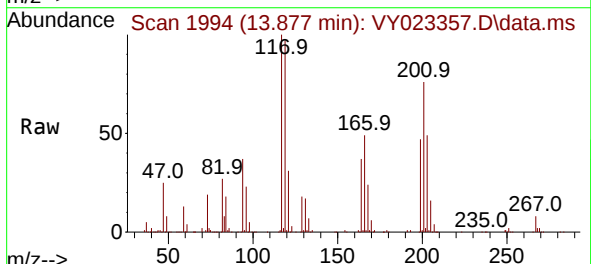
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

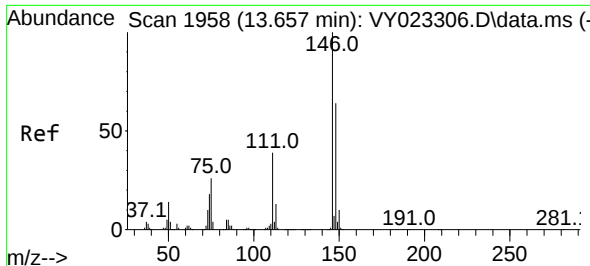
Tgt Ion: 91 Resp: 369956
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 27.4 13.2 39.5



#90
Hexachloroethane
Concen: 19.570 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 117 Resp: 90928
Ion Ratio Lower Upper
117 100
201 80.4 38.4 115.1

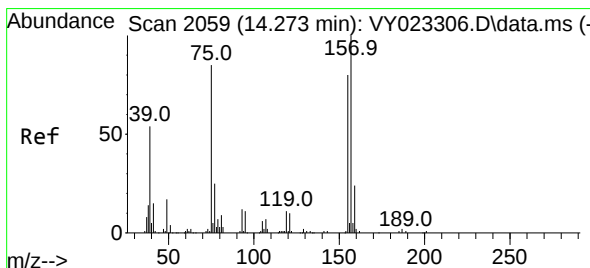
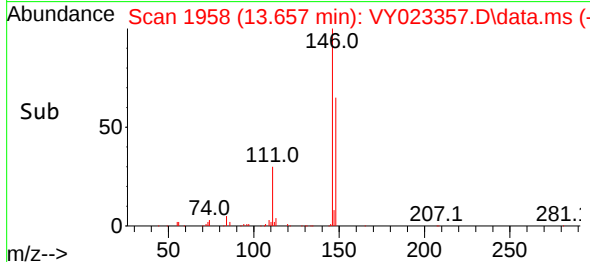
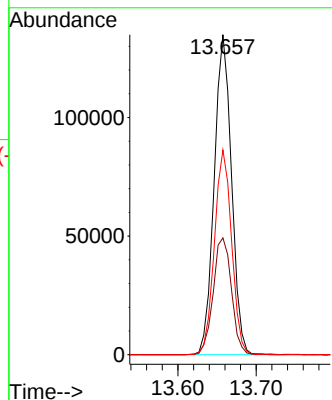
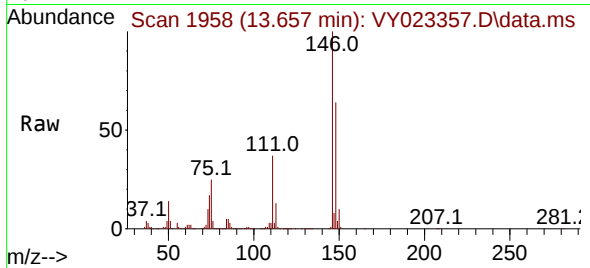




#91
 1,2-Dichlorobenzene
 Concen: 19.854 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

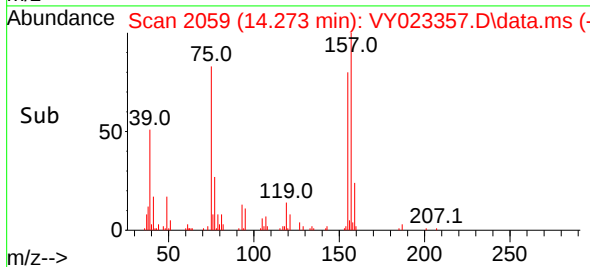
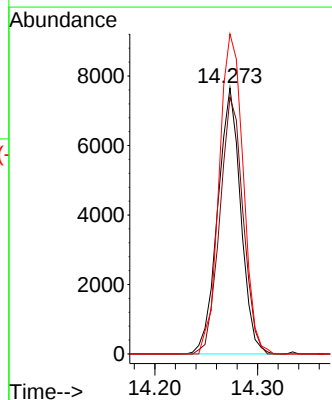
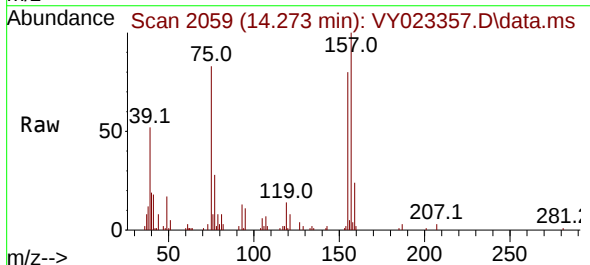
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

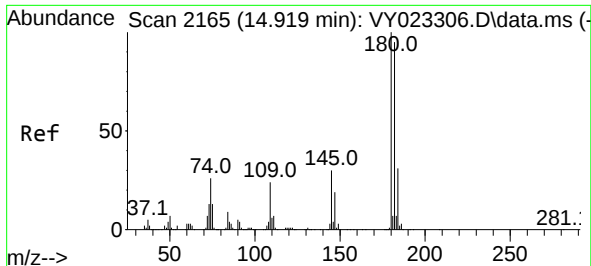
Tgt Ion:146 Resp: 207170
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.3 60.8
 148 63.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.067 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

Tgt Ion: 75 Resp: 11886
 Ion Ratio Lower Upper
 75 100
 155 97.3 43.9 131.6
 157 125.3 57.2 171.6

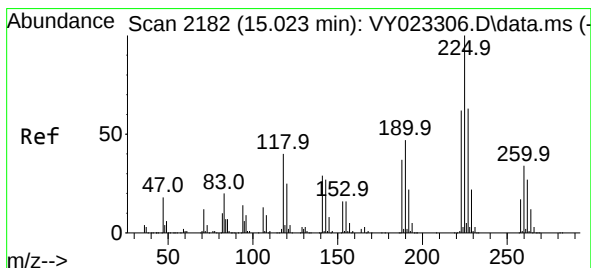
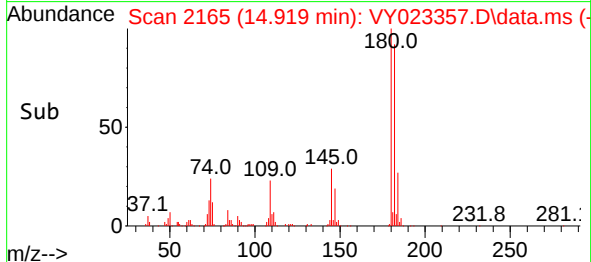
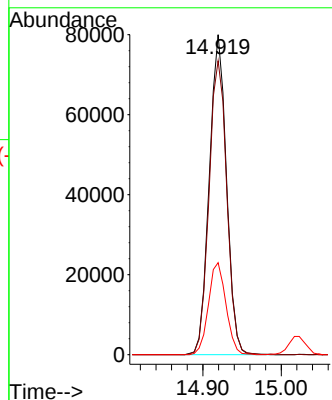
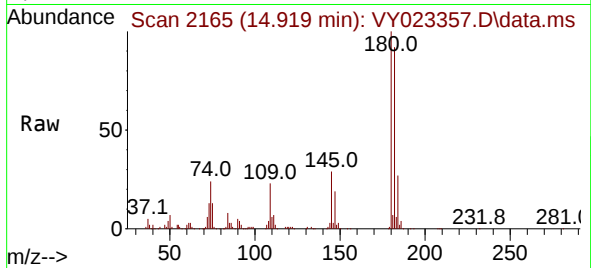




#93
 1,2,4-Trichlorobenzene
 Concen: 19.997 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

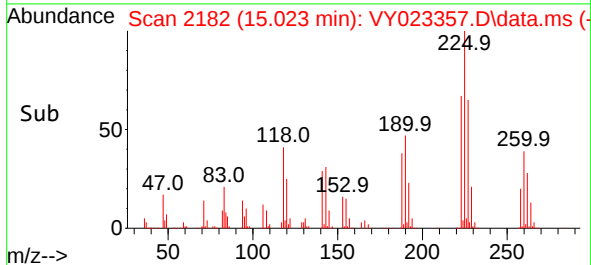
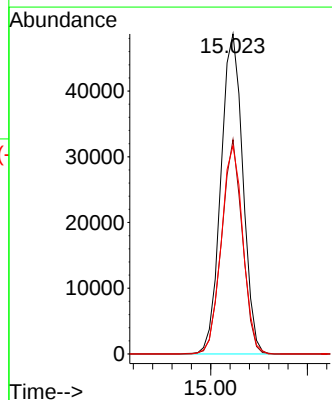
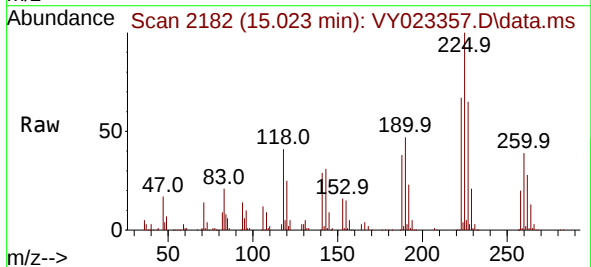
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

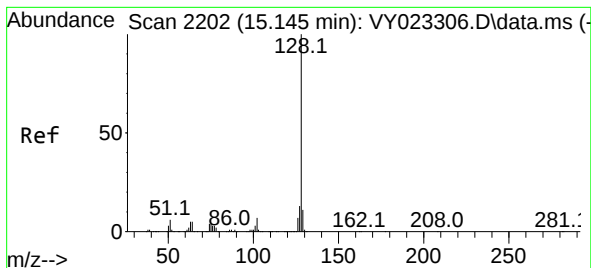
Tgt Ion:180 Resp: 121710
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.8 140.4
 145 29.3 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 20.345 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

Tgt Ion:225 Resp: 76563
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.2 31.5 94.5





#95

Naphthalene

Concen: 18.837 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

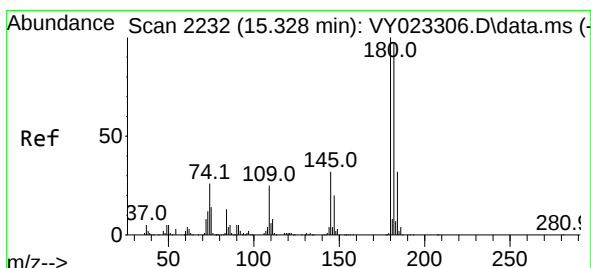
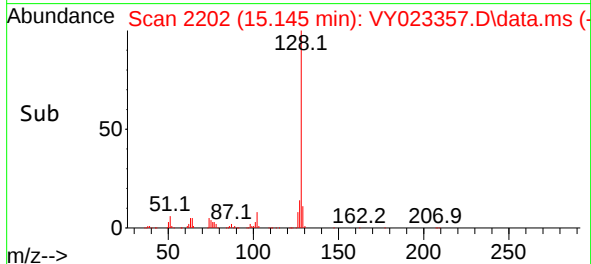
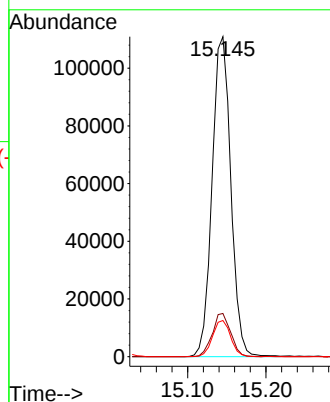
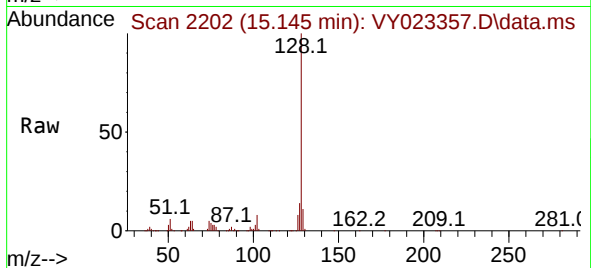
Tgt Ion:128 Resp: 184278

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 19.865 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Tgt Ion:180 Resp: 105003

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 30.4 15.9 47.7

