

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023358.D
 Acq On : 12 Sep 2025 10:30
 Operator : SY/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

Quant Time: Sep 12 23:58:57 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	7.713	168	521522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	795694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	701619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	361007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216575	47.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.520%
35) Dibromofluoromethane	7.634	113	234666	48.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.500%
50) Toluene-d8	10.103	98	888595	48.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.402	95	283623	49.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	82412	19.697	ug/l	99
3) Chloromethane	2.074	50	116635	19.481	ug/l	99
4) Vinyl Chloride	2.202	62	149432	19.812	ug/l	96
5) Bromomethane	2.592	94	132770	21.558	ug/l	97
6) Chloroethane	2.733	64	103198	20.218	ug/l	97
7) Trichlorofluoromethane	3.056	101	192899	20.263	ug/l	97
8) Diethyl Ether	3.458	74	50624	20.098	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	100608	19.651	ug/l	96
10) Methyl Iodide	4.007	142	107879	18.063	ug/l	99
11) Tert butyl alcohol	4.872	59	27655	104.440	ug/l	98
12) 1,1-Dichloroethene	3.787	96	94243	19.135	ug/l	86
13) Acrolein	3.647	56	36482	81.495	ug/l	92
14) Allyl chloride	4.385	41	115131	18.505	ug/l	96
15) Acrylonitrile	5.061	53	94467	95.266	ug/l	98
16) Acetone	3.873	43	102666	98.353	ug/l	100
17) Carbon Disulfide	4.110	76	296681	19.027	ug/l	99
18) Methyl Acetate	4.385	43	49759	19.433	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	228069	19.695	ug/l	98
20) Methylene Chloride	4.616	84	125034	22.388	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	108177	19.658	ug/l	91
22) Diisopropyl ether	6.019	45	264401	19.083	ug/l	93
23) Vinyl Acetate	5.964	43	715333	93.387	ug/l	95
24) 1,1-Dichloroethane	5.915	63	175617	19.379	ug/l	97
25) 2-Butanone	6.896	43	126925	98.793	ug/l	98
26) 2,2-Dichloropropane	6.890	77	156898	19.608	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	124013	19.901	ug/l	93
28) Bromochloromethane	7.250	49	67872	19.033	ug/l	83
29) Tetrahydrofuran	7.262	42	71614	93.976	ug/l	93
30) Chloroform	7.421	83	192006	19.718	ug/l	98
31) Cyclohexane	7.701	56	148822	18.558	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	169914	19.531	ug/l	99
36) 1,1-Dichloropropene	7.835	75	131192	18.938	ug/l	97
37) Ethyl Acetate	6.988	43	49932	18.119	ug/l	97
38) Carbon Tetrachloride	7.817	117	158285	19.857	ug/l	98
39) Methylcyclohexane	9.109	83	168646	19.030	ug/l	95
40) Benzene	8.079	78	422611	19.627	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23642	16.567	ug/l #	78
42) 1,2-Dichloroethane	8.158	62	104840	19.124	ug/l	96
43) Isopropyl Acetate	8.195	43	101845	19.002	ug/l	93
44) Trichloroethene	8.866	130	118489	19.756	ug/l	96
45) 1,2-Dichloropropane	9.140	63	93597	19.247	ug/l	99
46) Dibromomethane	9.231	93	57489	19.412	ug/l	94
47) Bromodichloromethane	9.420	83	147479	19.795	ug/l	100
48) Methyl methacrylate	9.219	41	47066	18.840	ug/l	92
49) 1,4-Dioxane	9.231	88	12657	421.027	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	264147	96.331	ug/l	97
52) Toluene	10.170	92	273260	19.998	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	124250	19.370	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	150010	19.571	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	78415	19.905	ug/l	96
56) Ethyl methacrylate	10.438	69	86164	18.879	ug/l	96
57) 1,3-Dichloropropane	10.713	76	127097	19.873	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	176886	88.923	ug/l	95
59) 2-Hexanone	10.762	43	187177	98.743	ug/l	98
60) Dibromochloromethane	10.908	129	106029	19.837	ug/l	100
61) 1,2-Dibromoethane	11.012	107	72712	19.697	ug/l	98
64) Tetrachloroethene	10.646	164	141216	20.195	ug/l	96
65) Chlorobenzene	11.438	112	305788	19.894	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	106362	19.715	ug/l	98
67) Ethyl Benzene	11.518	91	490318	19.526	ug/l	97
68) m/p-Xylenes	11.627	106	395652	39.348	ug/l	96
69) o-Xylene	11.950	106	182912	19.651	ug/l	98
70) Styrene	11.969	104	307797	19.952	ug/l	98
71) Bromoform	12.133	173	64507	20.078	ug/l #	99
73) Isopropylbenzene	12.255	105	475912	19.571	ug/l	98
74) N-amyl acetate	12.072	43	84462	18.375	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	79557	19.494	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	106807	29.215	ug/l #	100
77) Bromobenzene	12.530	156	123175	19.826	ug/l	91
78) n-propylbenzene	12.591	91	565985	19.748	ug/l	98
79) 2-Chlorotoluene	12.676	91	324984	19.686	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	391065	19.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	25576	19.078	ug/l	99
82) 4-Chlorotoluene	12.773	91	338512	19.598	ug/l	97
83) tert-Butylbenzene	12.993	119	350150	19.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	389102	19.887	ug/l	97
85) sec-Butylbenzene	13.170	105	510254	19.578	ug/l	98
86) p-Isopropyltoluene	13.286	119	433842	19.706	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	242923	19.760	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	241013	19.793	ug/l	99
89) n-Butylbenzene	13.615	91	379341	19.429	ug/l	99
90) Hexachloroethane	13.877	117	93232	19.534	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	213210	19.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12466	19.467	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	127449	20.384	ug/l	99
94) Hexachlorobutadiene	15.023	225	77795	20.124	ug/l	99
95) Naphthalene	15.139	128	200449	19.946	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	113858	20.968	ug/l	98

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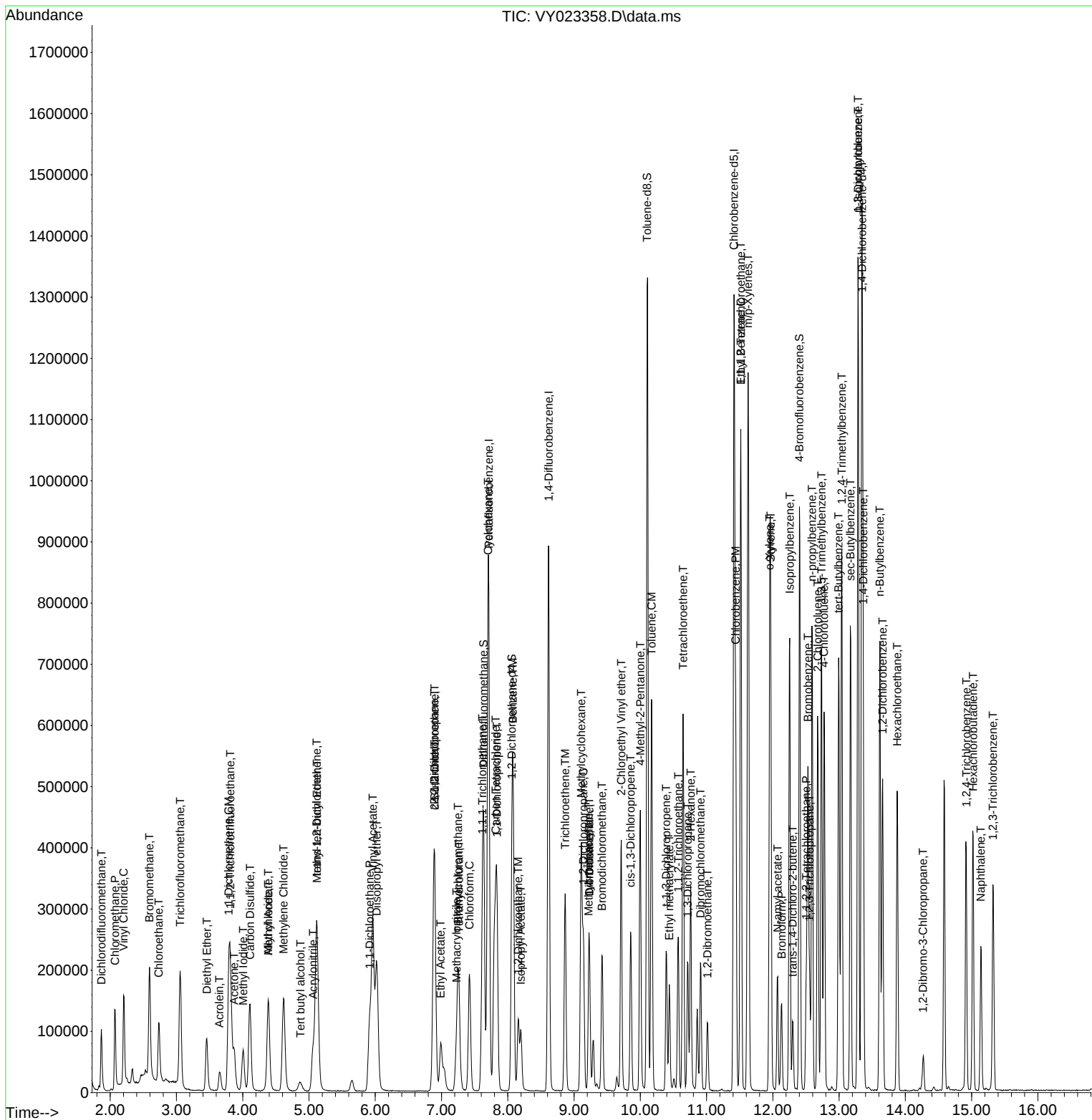
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

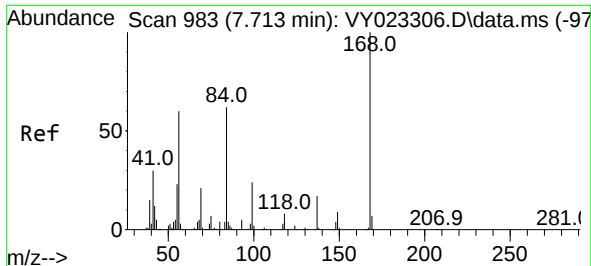
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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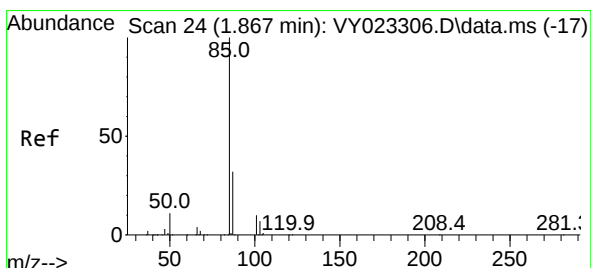
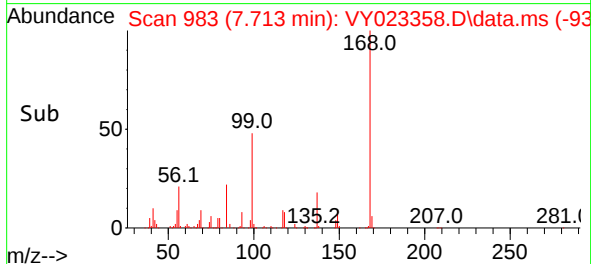
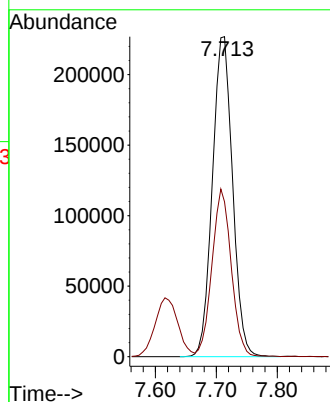
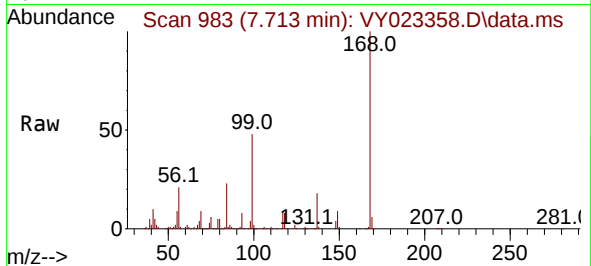




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
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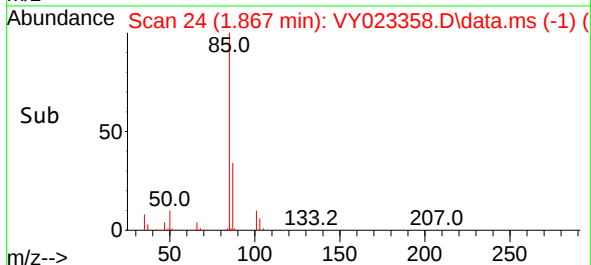
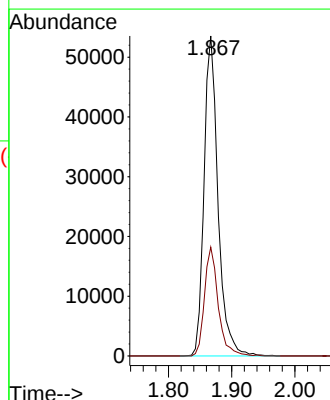
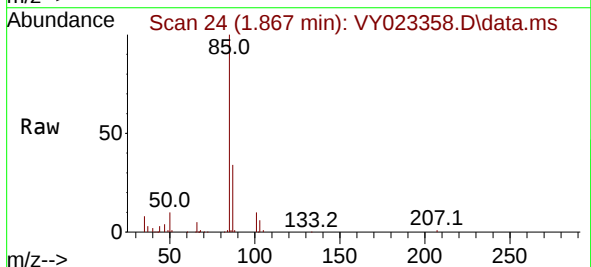
Instrument :
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VY0912SBSD01

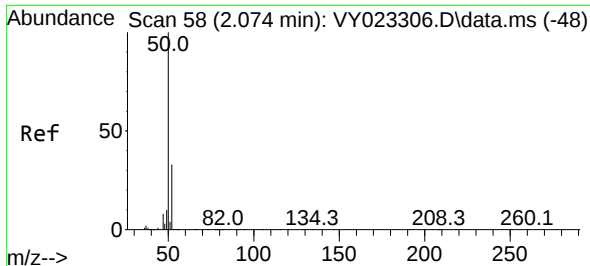
Tgt Ion:168 Resp: 521522
Ion Ratio Lower Upper
168 100
99 48.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 19.697 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 85 Resp: 82412
Ion Ratio Lower Upper
85 100
87 34.0 16.6 49.8

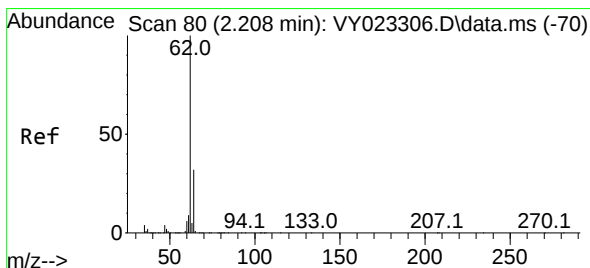
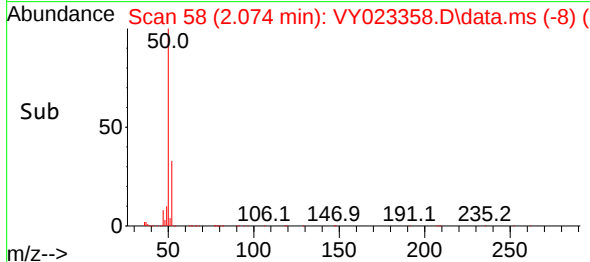
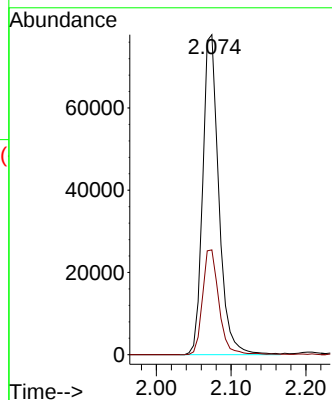
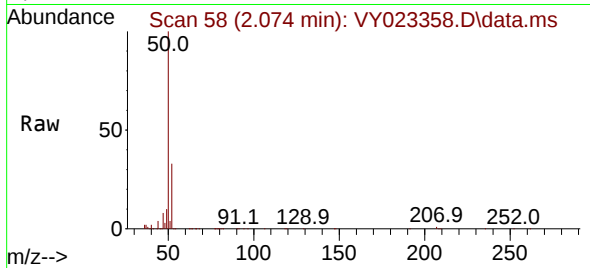




#3
Chloromethane
Concen: 19.481 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

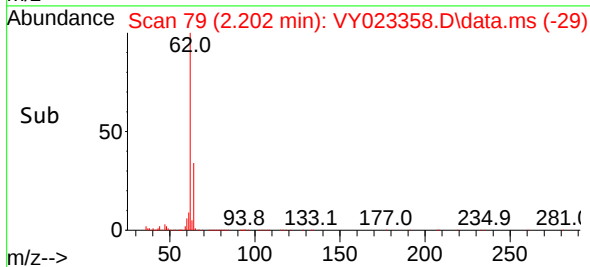
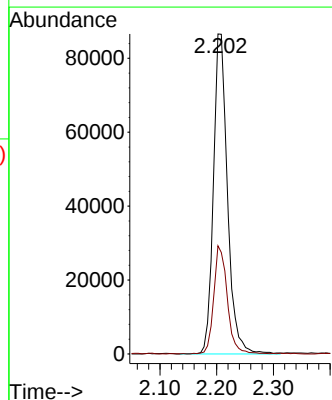
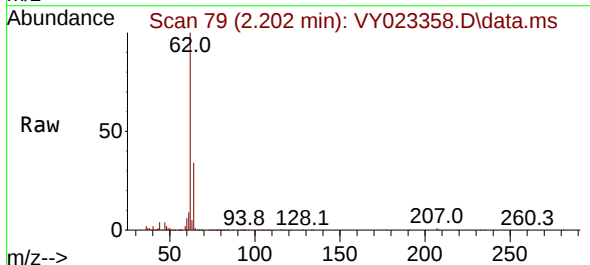
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ClientSampleId :
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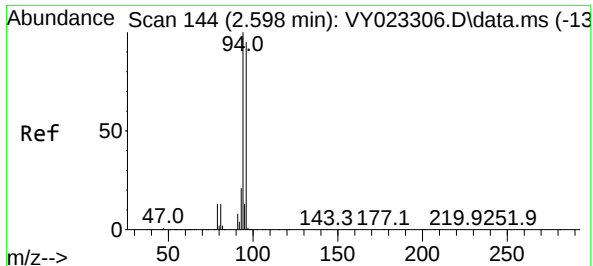
Tgt Ion: 50 Resp: 116635
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 19.812 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 62 Resp: 149432
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0

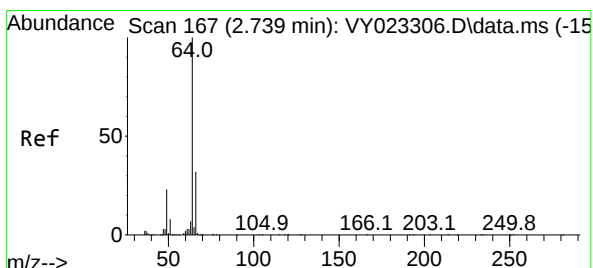
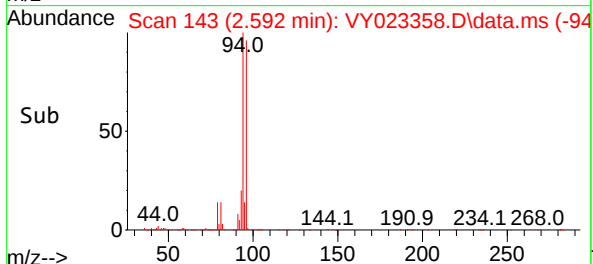
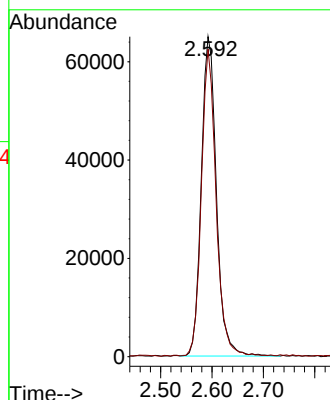
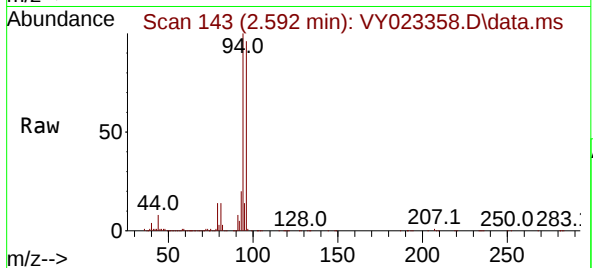




#5
Bromomethane
Concen: 21.558 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

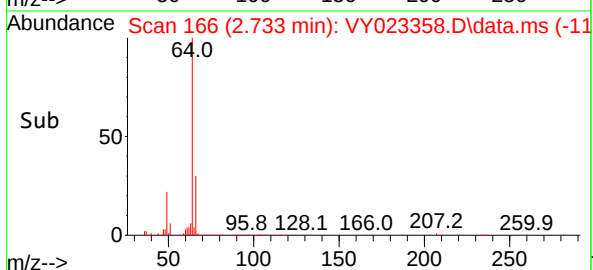
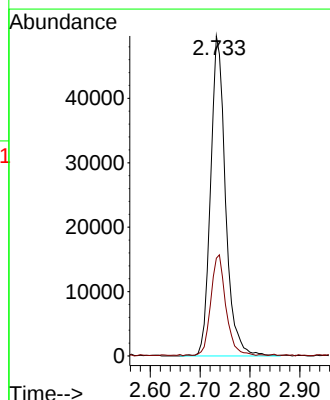
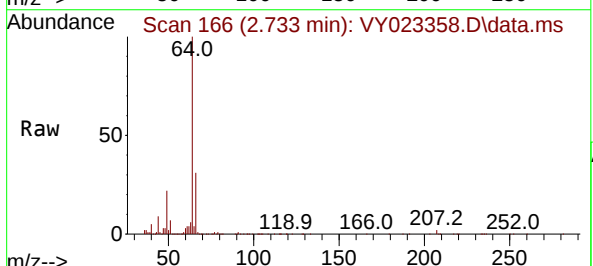
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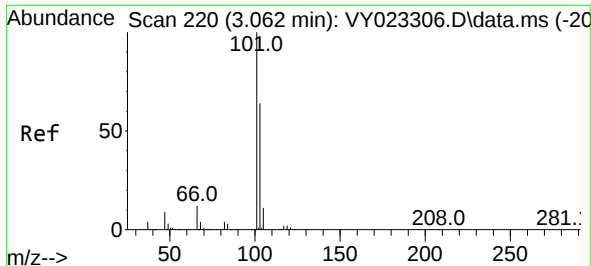
Tgt Ion: 94 Resp: 132770
Ion Ratio Lower Upper
94 100
96 96.0 74.6 112.0



#6
Chloroethane
Concen: 20.218 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 64 Resp: 103198
Ion Ratio Lower Upper
64 100
66 30.3 25.8 38.6

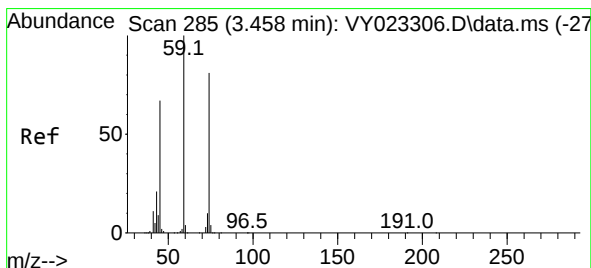
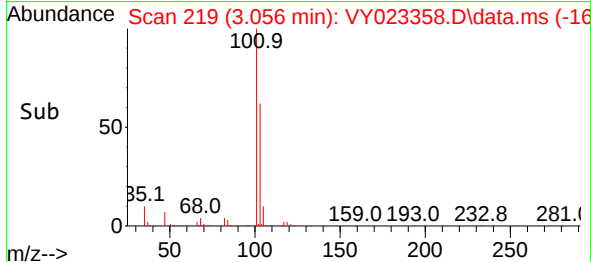
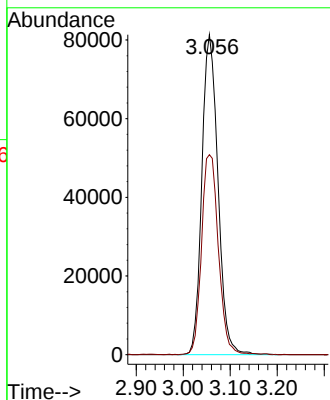
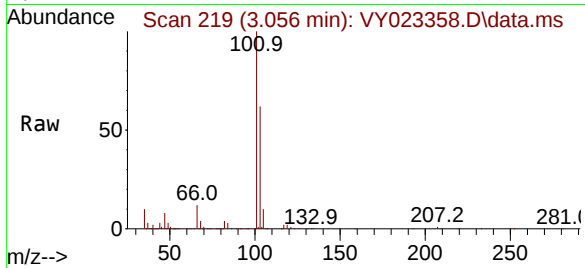




#7
 Trichlorofluoromethane
 Concen: 20.263 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

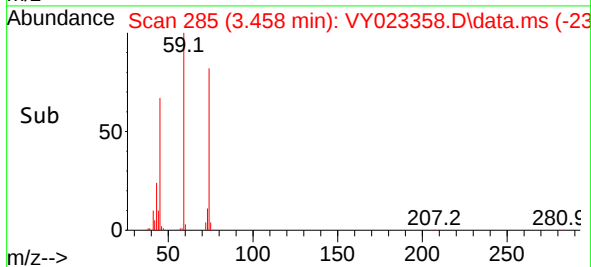
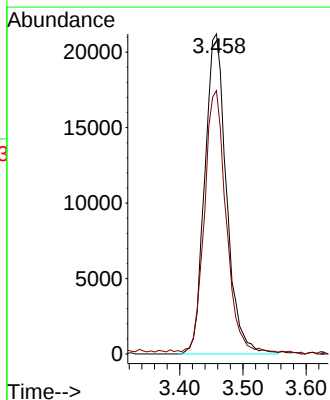
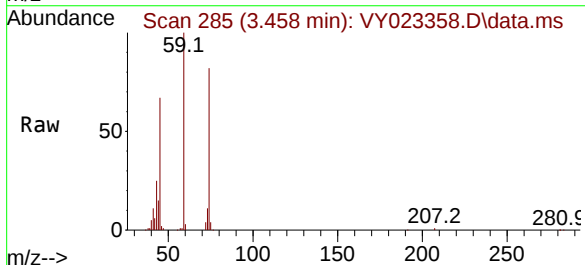
Instrument :
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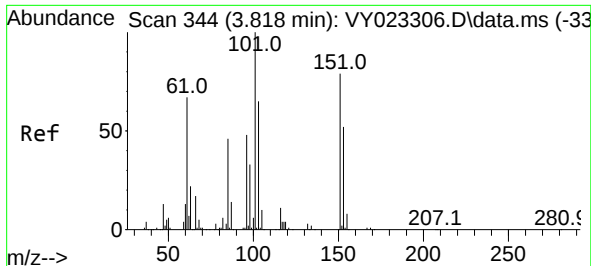
Tgt Ion:101 Resp: 192899
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.098 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023358.D
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Tgt Ion: 74 Resp: 50624
 Ion Ratio Lower Upper
 74 100
 45 81.1 44.4 133.2

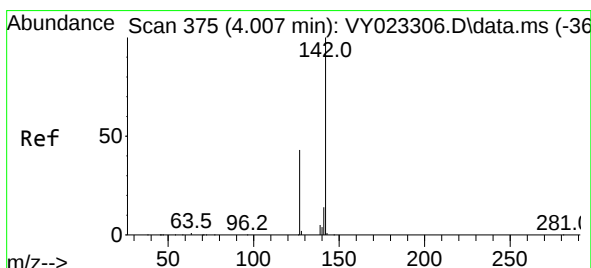
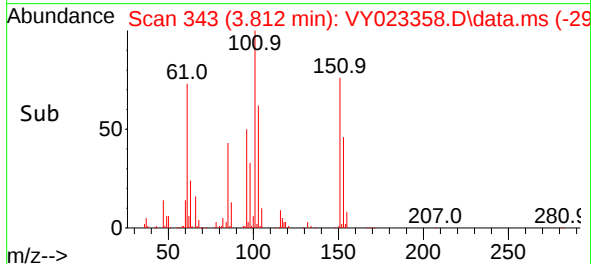
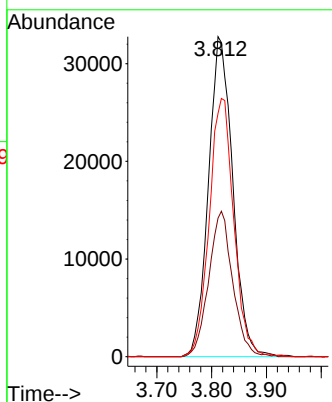
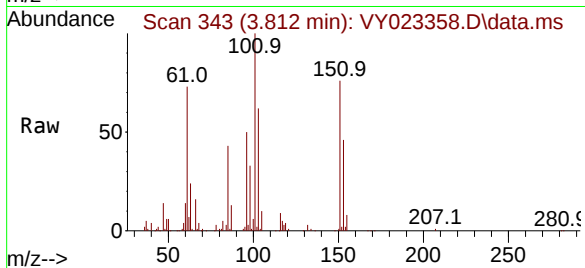




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.651 ug/l
RT: 3.812 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

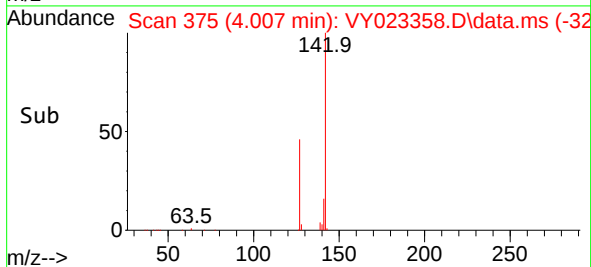
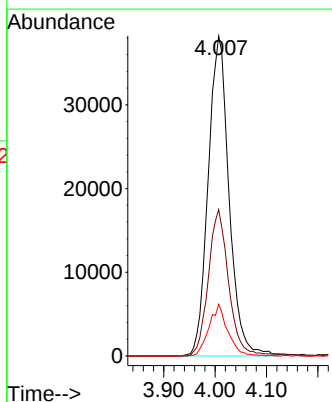
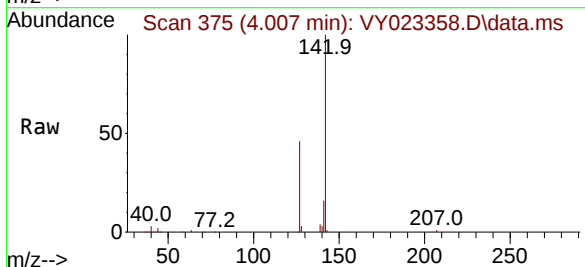
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

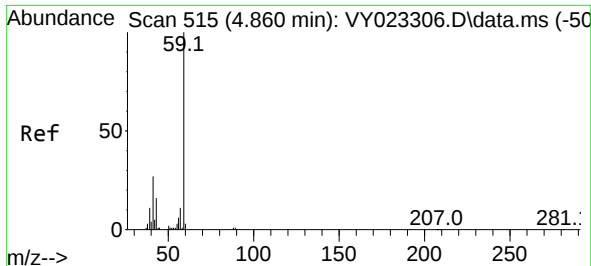
Tgt Ion:101 Resp: 100608
Ion Ratio Lower Upper
101 100
85 45.0 36.3 54.5
151 81.7 61.5 92.3



#10
Methyl Iodide
Concen: 18.063 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion:142 Resp: 107879
Ion Ratio Lower Upper
142 100
127 44.5 34.9 52.3
141 14.5 11.3 16.9

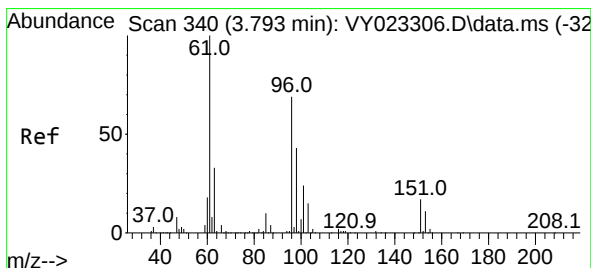
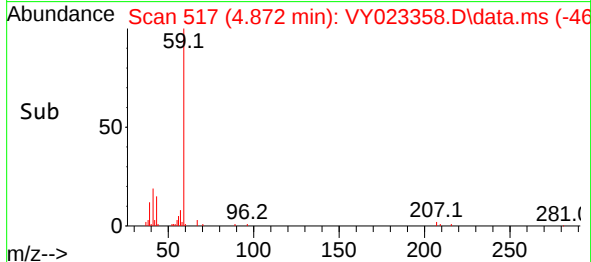
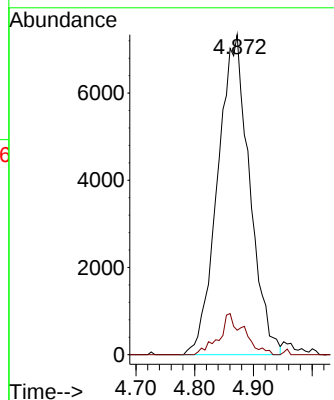
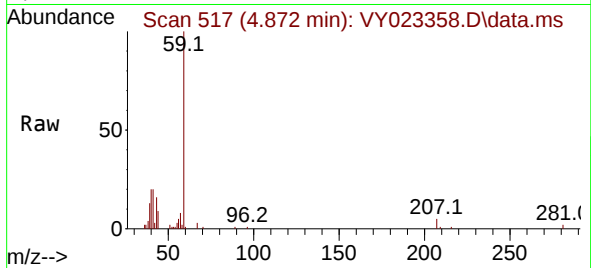




#11
Tert butyl alcohol
Concen: 104.440 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

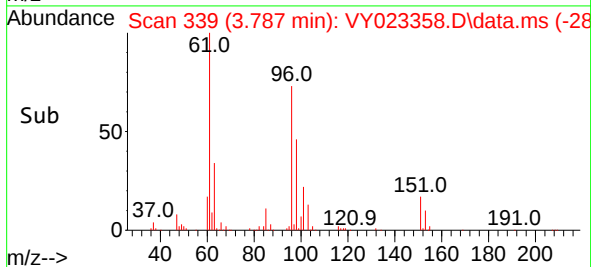
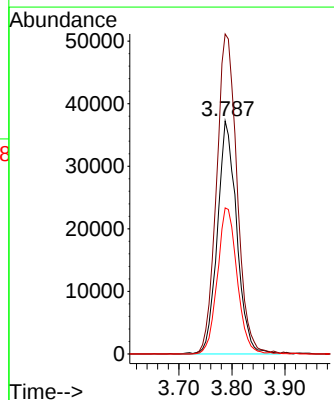
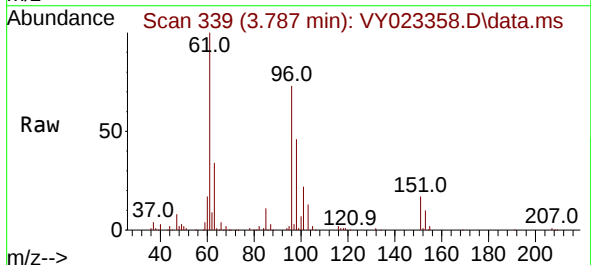
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

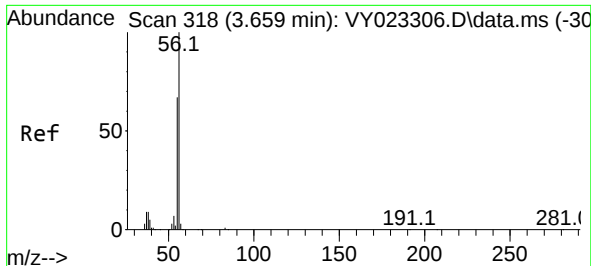
Tgt Ion: 59 Resp: 27655
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0



#12
1,1-Dichloroethene
Concen: 19.135 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 96 Resp: 94243
Ion Ratio Lower Upper
96 100
61 137.3 129.4 194.2
98 62.7 52.8 79.2

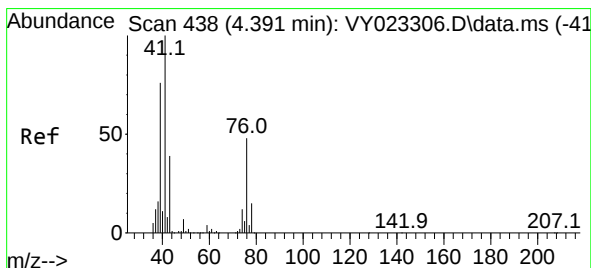
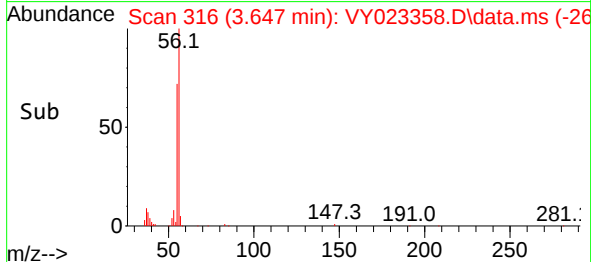
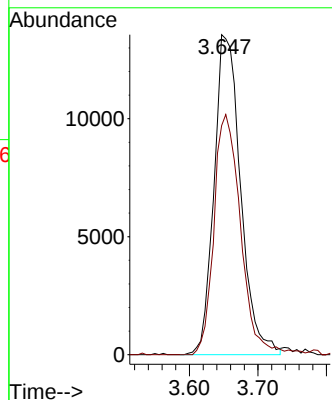
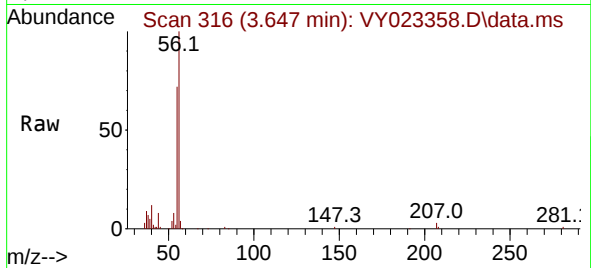




#13
Acrolein
Concen: 81.495 ug/l
RT: 3.647 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

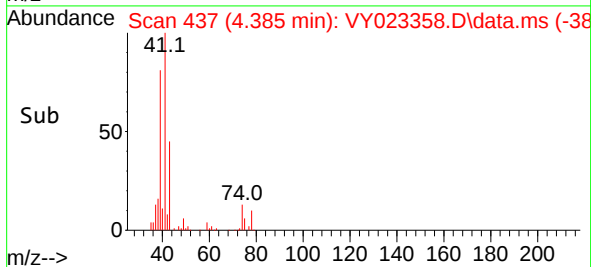
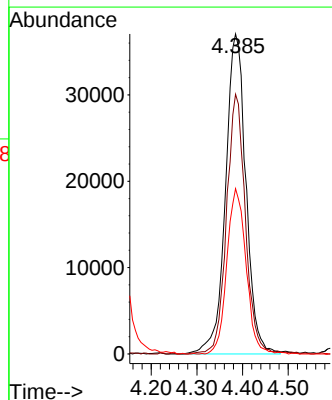
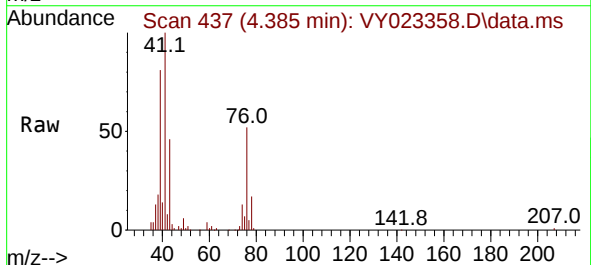
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

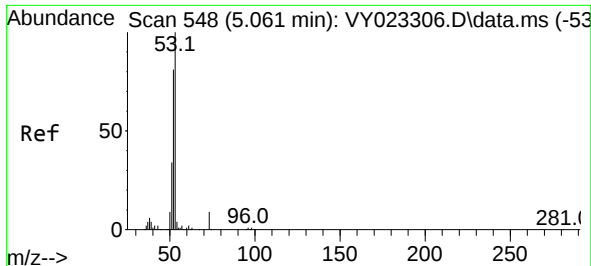
Tgt Ion: 56 Resp: 36482
Ion Ratio Lower Upper
56 100
55 75.5 55.2 82.8



#14
Allyl chloride
Concen: 18.505 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 41 Resp: 115131
Ion Ratio Lower Upper
41 100
39 74.9 59.8 89.6
76 48.6 33.7 50.5

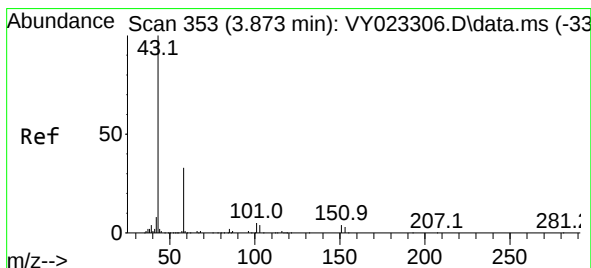
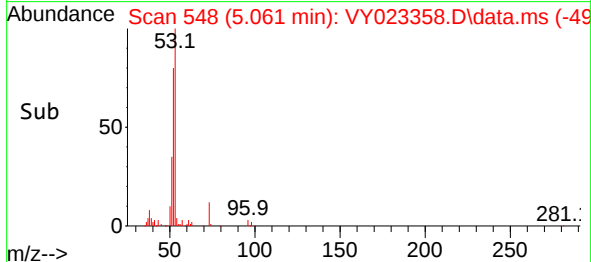
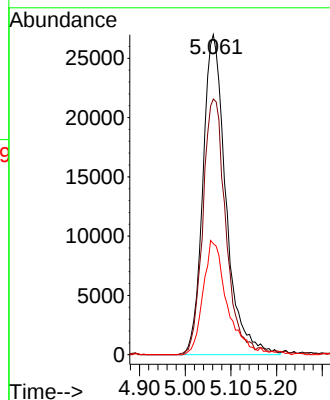
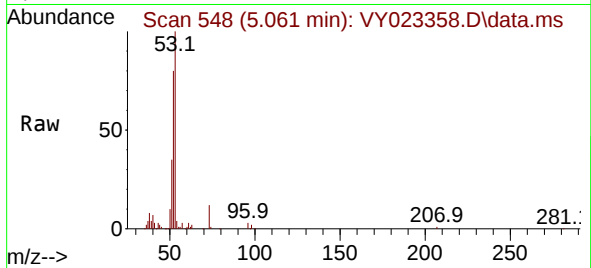




#15
Acrylonitrile
Concen: 95.266 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

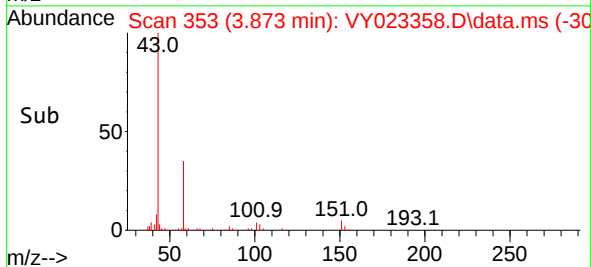
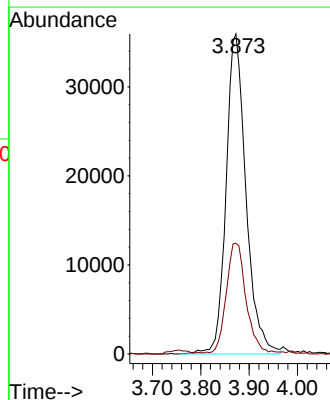
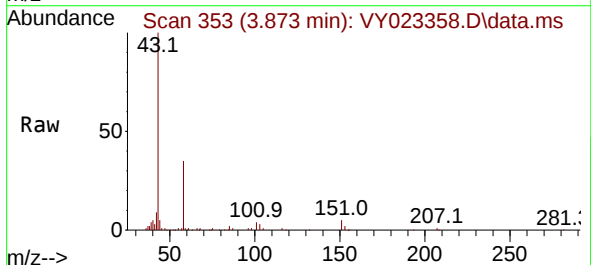
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

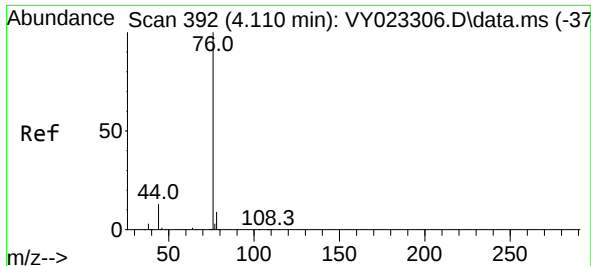
Tgt Ion: 53 Resp: 94467
Ion Ratio Lower Upper
53 100
52 79.5 65.3 97.9
51 36.6 29.5 44.3



#16
Acetone
Concen: 98.353 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 43 Resp: 102666
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7

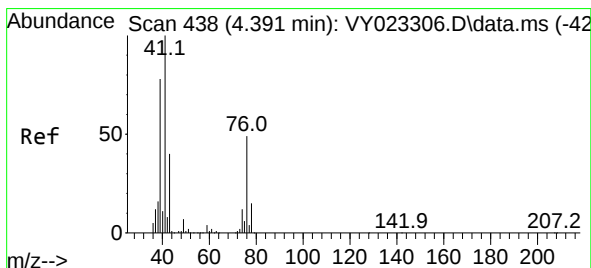
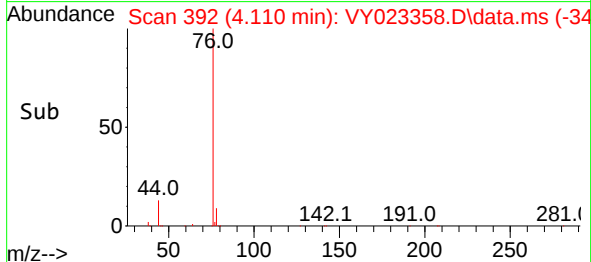
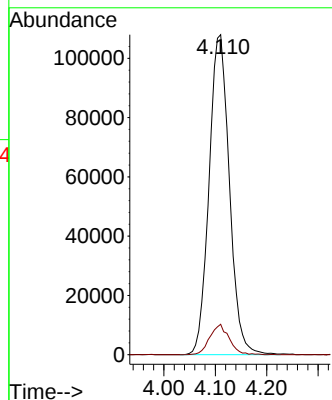
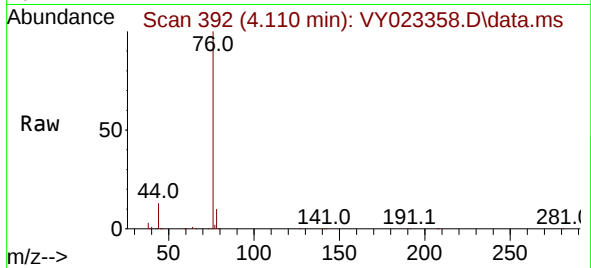




#17
Carbon Disulfide
Concen: 19.027 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

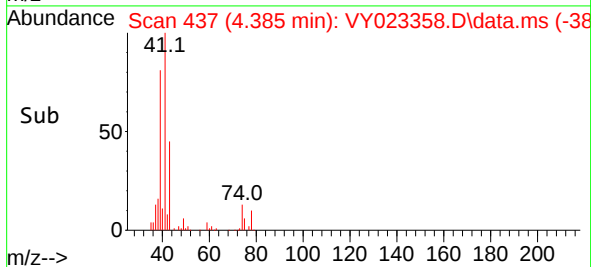
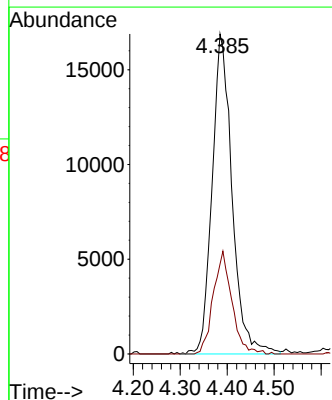
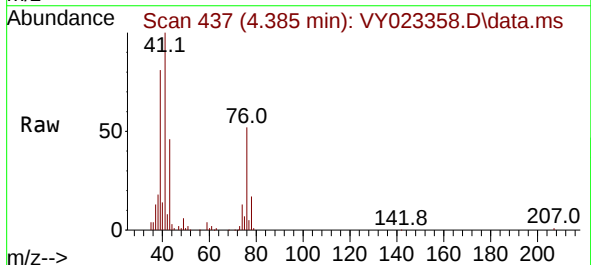
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

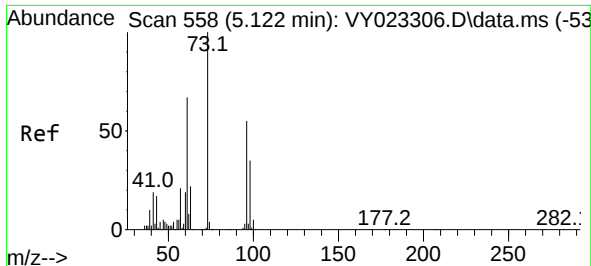
Tgt Ion: 76 Resp: 296681
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 19.433 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 43 Resp: 49759
Ion Ratio Lower Upper
43 100
74 30.0 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.695 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

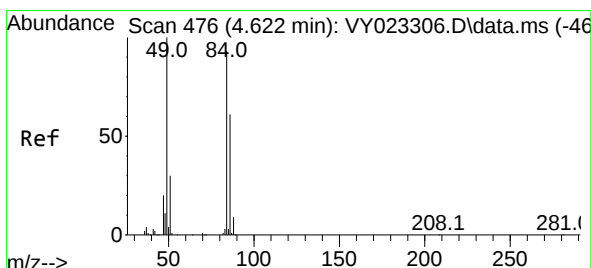
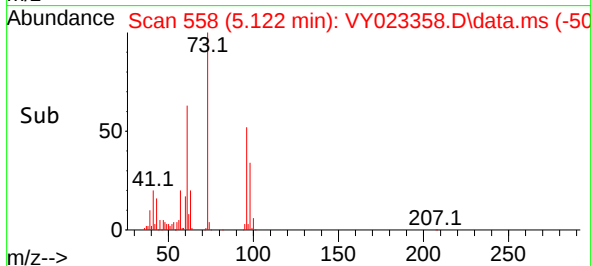
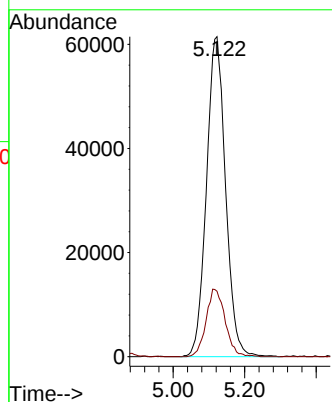
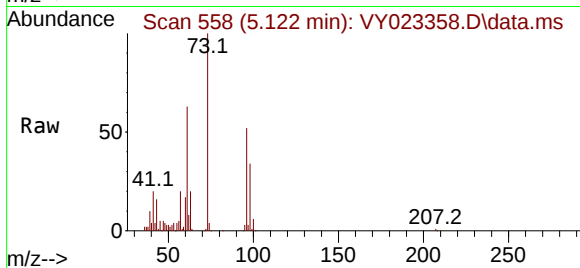
VY0912SBS01

Tgt Ion: 73 Resp: 228069

Ion Ratio Lower Upper

73 100

57 20.4 17.1 25.7



#20

Methylene Chloride

Concen: 22.388 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Tgt Ion: 84 Resp: 125034

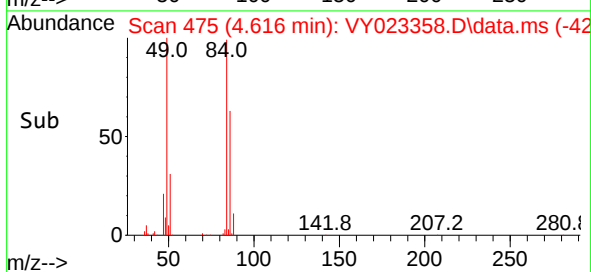
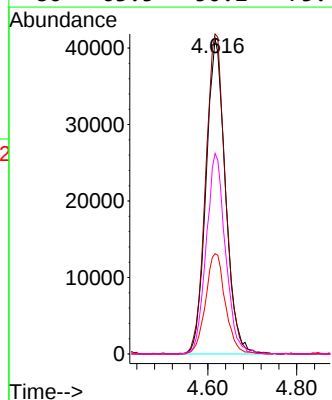
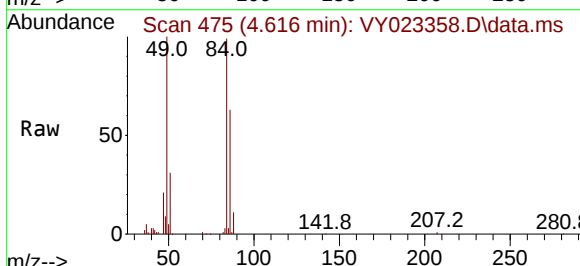
Ion Ratio Lower Upper

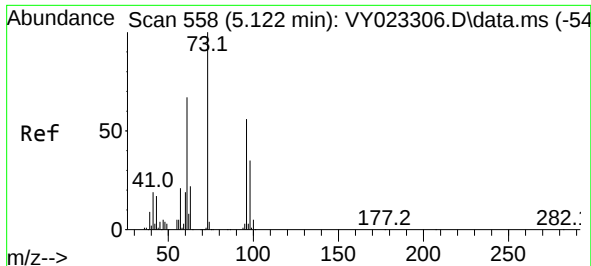
84 100

49 101.4 93.0 139.6

51 31.8 29.0 43.4

86 63.5 50.2 75.4

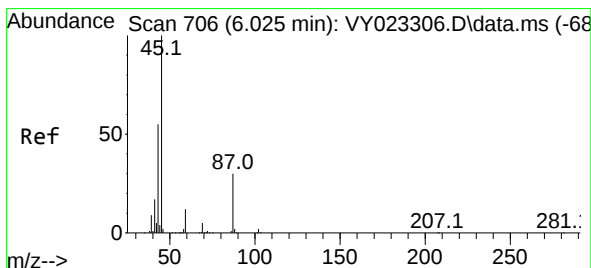
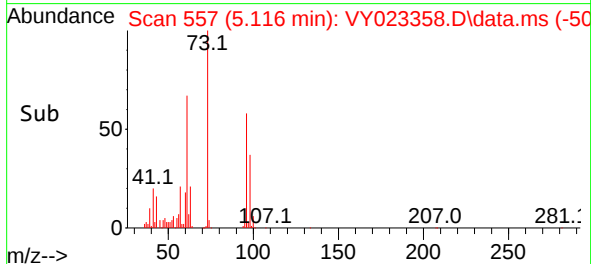
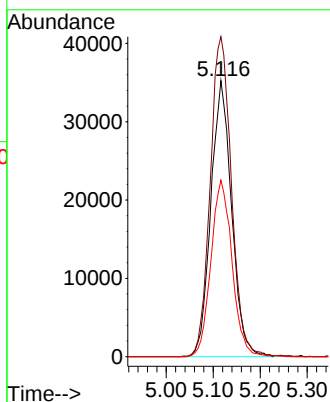
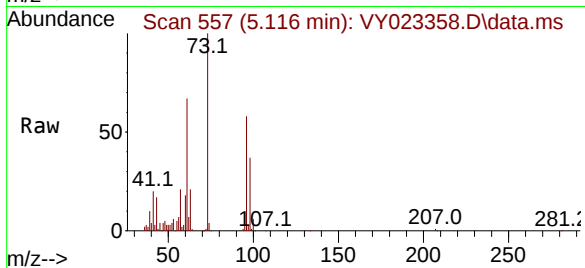




#21
trans-1,2-Dichloroethene
Concen: 19.658 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

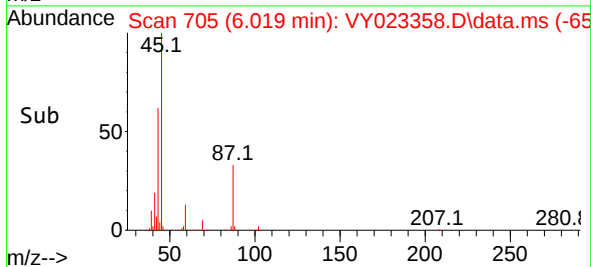
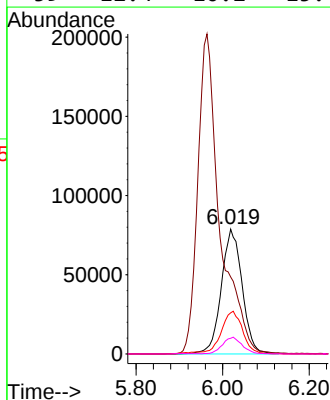
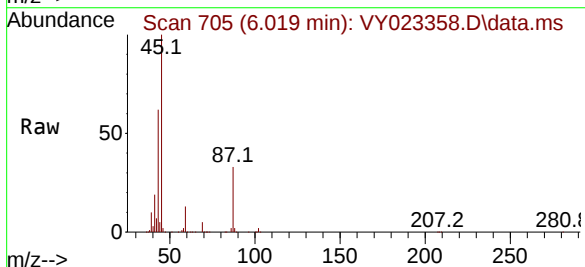
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

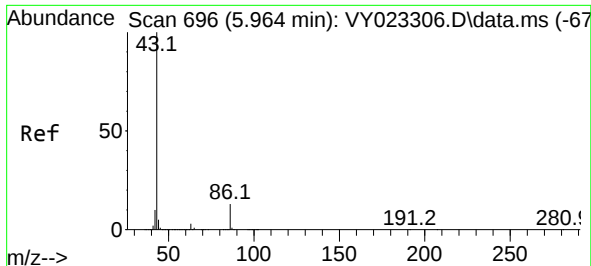
Tgt Ion: 96 Resp: 108177
Ion Ratio Lower Upper
96 100
61 115.9 104.8 157.2
98 63.9 50.1 75.1



#22
Diisopropyl ether
Concen: 19.083 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 45 Resp: 264401
Ion Ratio Lower Upper
45 100
43 61.3 43.4 65.0
87 32.7 24.4 36.6
59 12.4 10.2 15.4

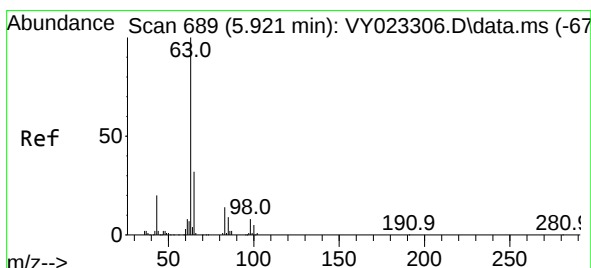
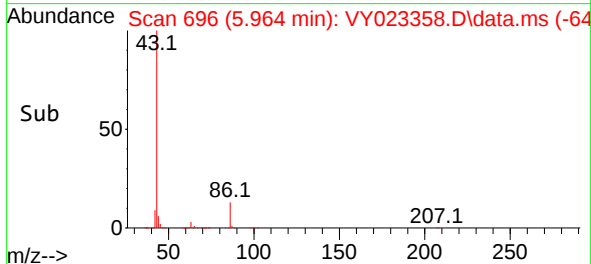
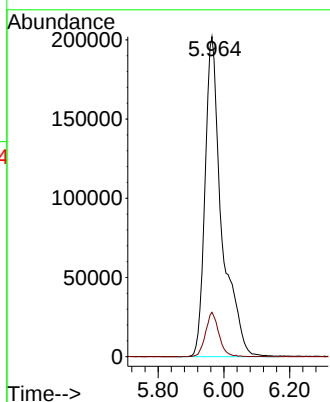
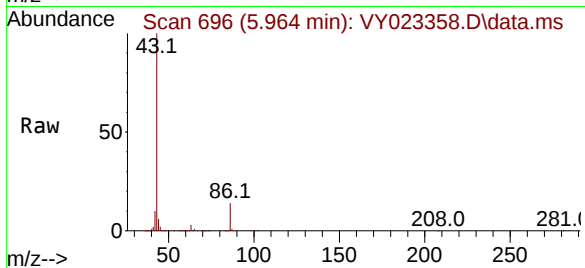




#23
 Vinyl Acetate
 Concen: 93.387 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

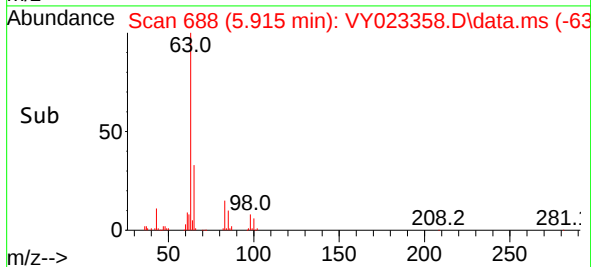
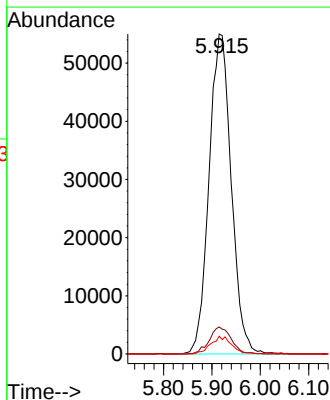
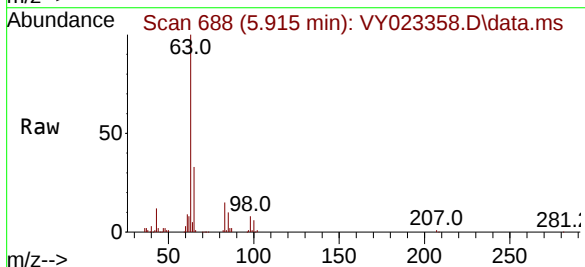
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBSD01

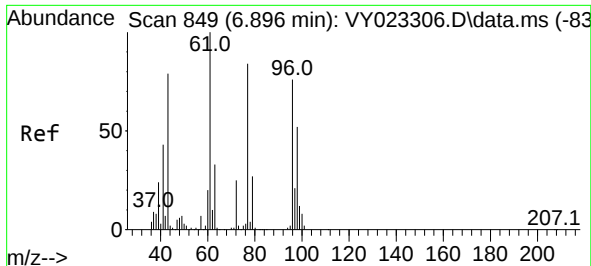
Tgt Ion: 43 Resp: 715333
 Ion Ratio Lower Upper
 43 100
 86 13.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.379 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

Tgt Ion: 63 Resp: 175617
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.6
 100 5.5 2.4 7.1

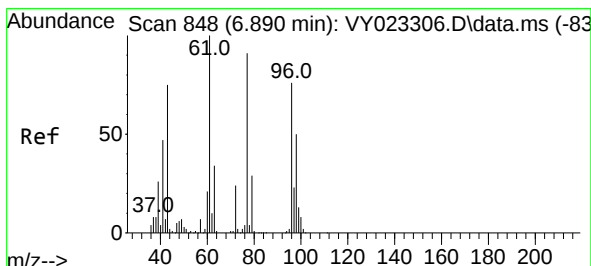
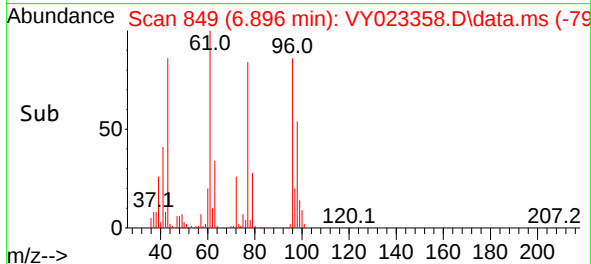
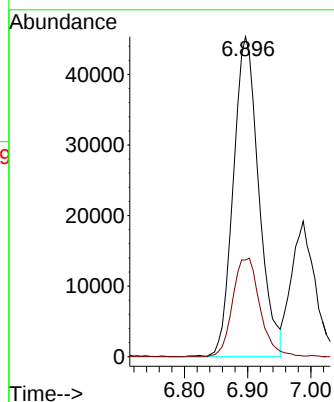
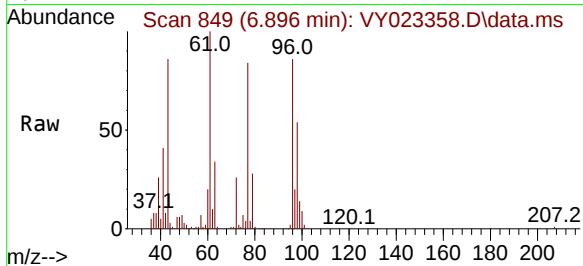




#25
2-Butanone
Concen: 98.793 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

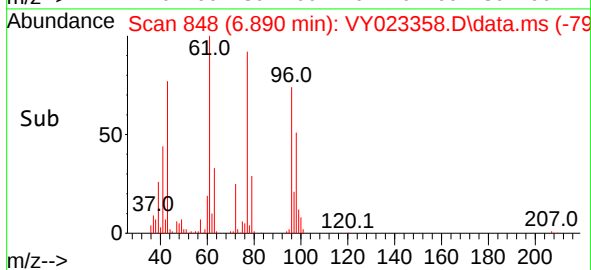
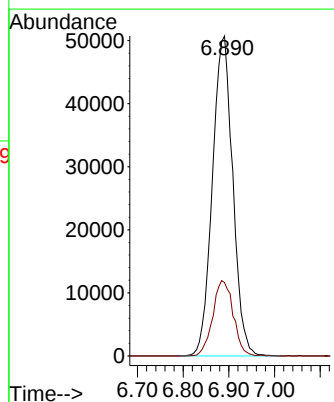
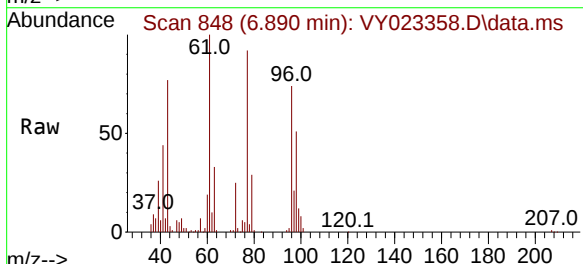
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

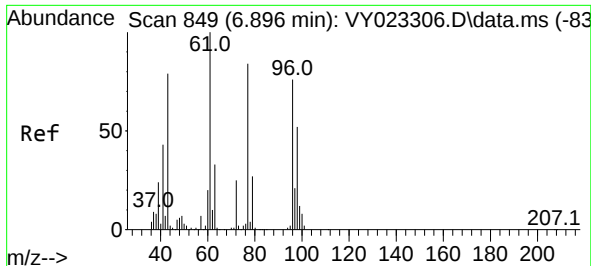
Tgt Ion: 43 Resp: 126925
Ion Ratio Lower Upper
43 100
72 30.2 23.5 35.3



#26
2,2-Dichloropropane
Concen: 19.608 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 77 Resp: 156898
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.901 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

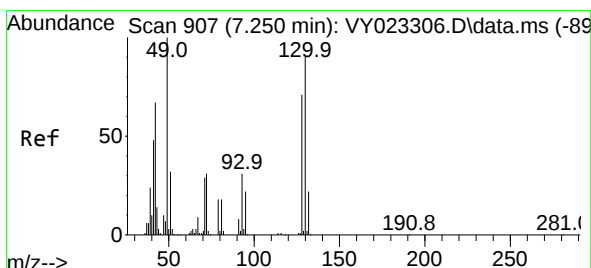
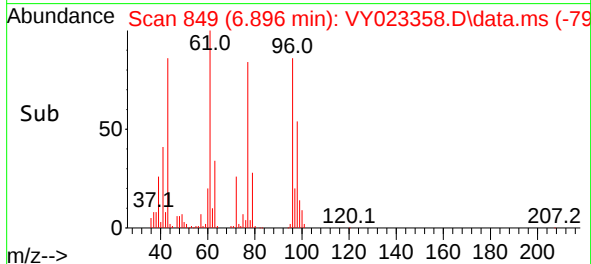
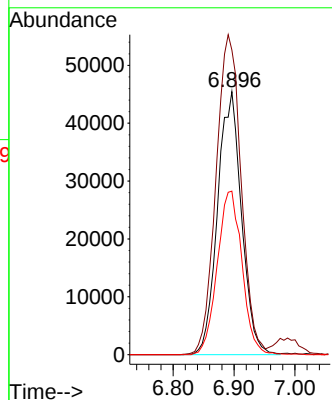
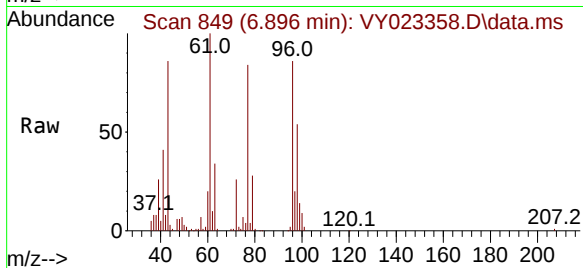
Tgt Ion: 96 Resp: 124013

Ion Ratio Lower Upper

96 100

61 127.8 0.0 278.6

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 19.033 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

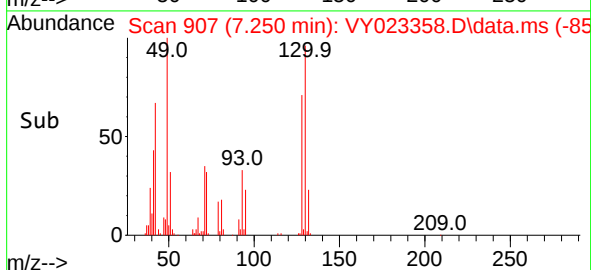
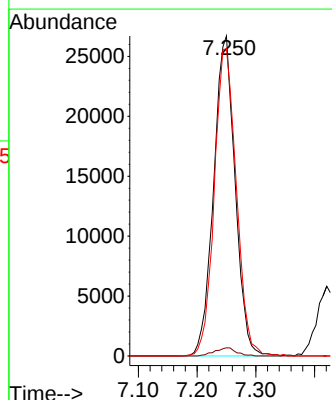
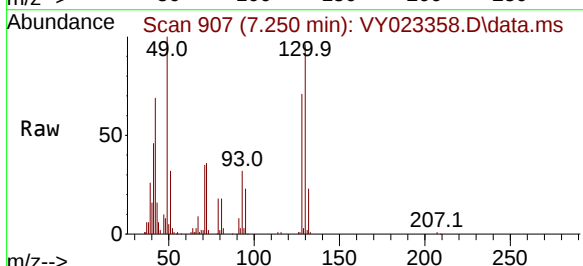
Tgt Ion: 49 Resp: 67872

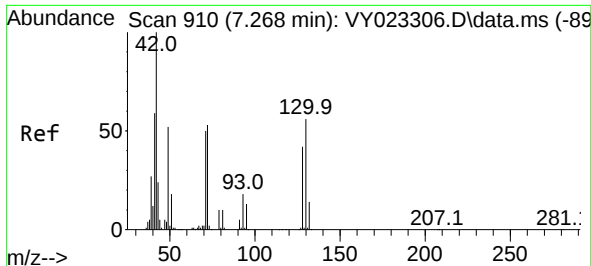
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 98.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 93.976 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

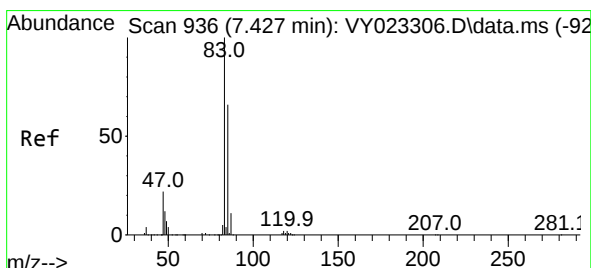
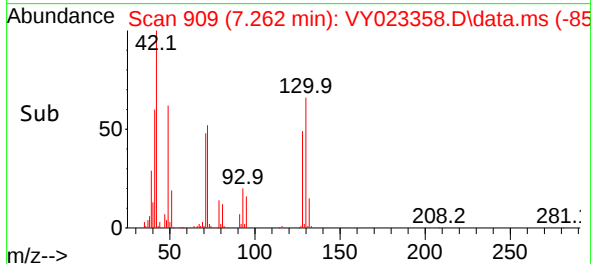
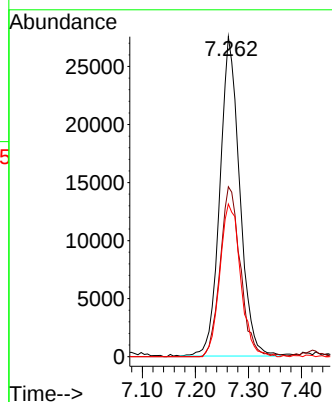
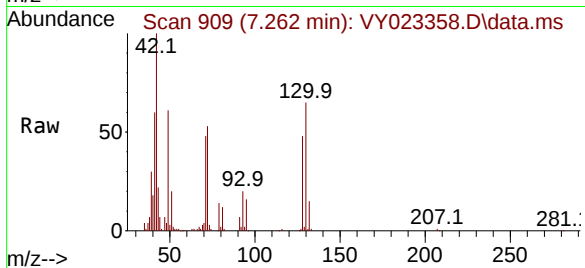
Tgt Ion: 42 Resp: 71614

Ion Ratio Lower Upper

42 100

72 54.2 39.4 59.2

71 49.9 36.5 54.7



#30

Chloroform

Concen: 19.718 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023358.D

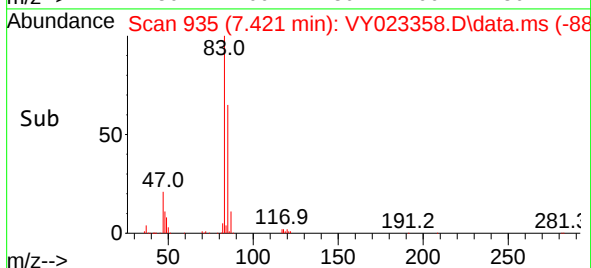
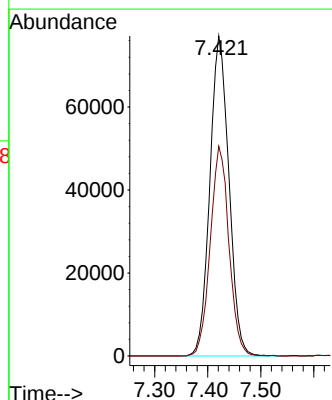
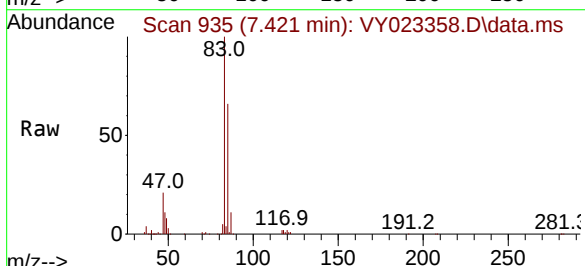
Acq: 12 Sep 2025 10:30

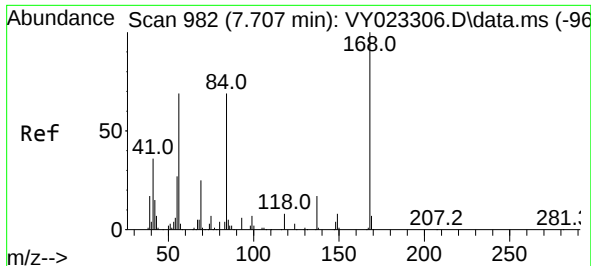
Tgt Ion: 83 Resp: 192006

Ion Ratio Lower Upper

83 100

85 65.6 53.8 80.8

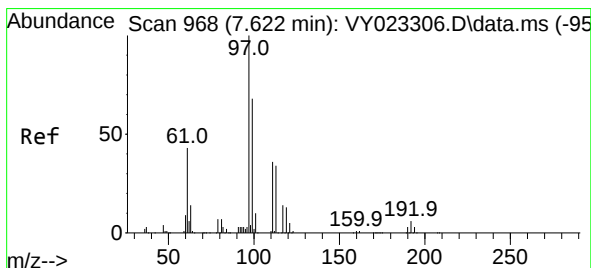
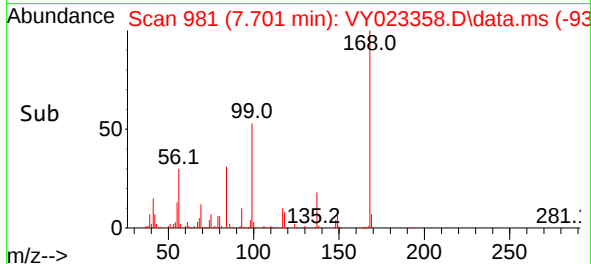
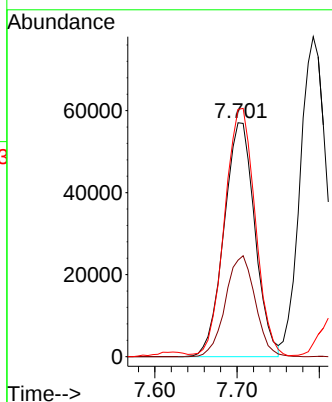
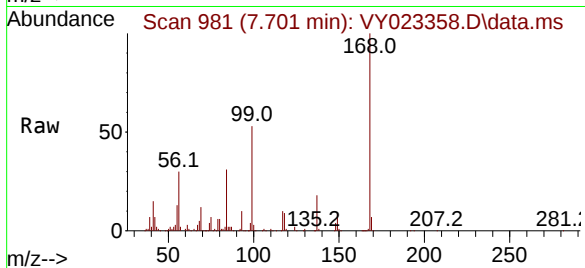




#31
Cyclohexane
Concen: 18.558 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

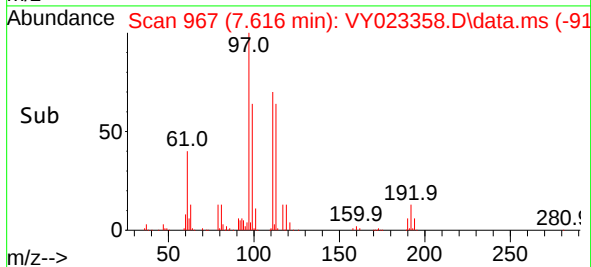
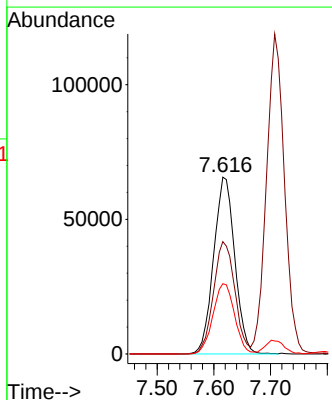
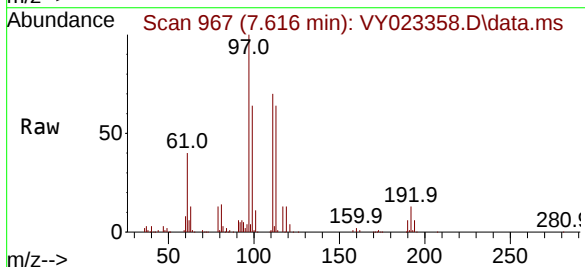
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

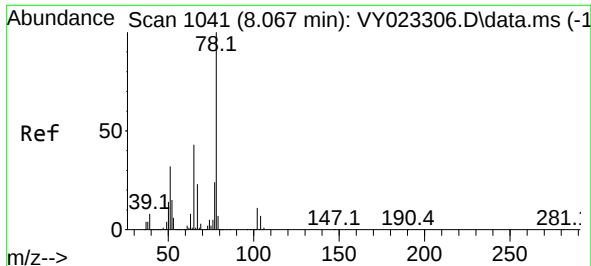
Tgt Ion: 56 Resp: 148822
Ion Ratio Lower Upper
56 100
69 41.2 28.2 42.2
84 103.8 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 19.531 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 97 Resp: 169914
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 40.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.259 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

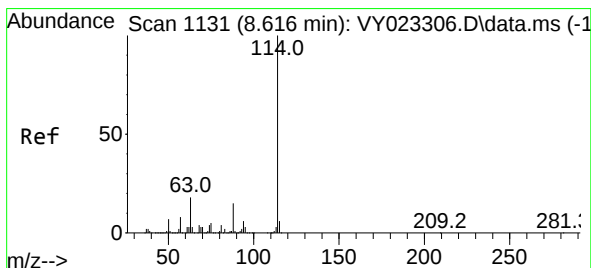
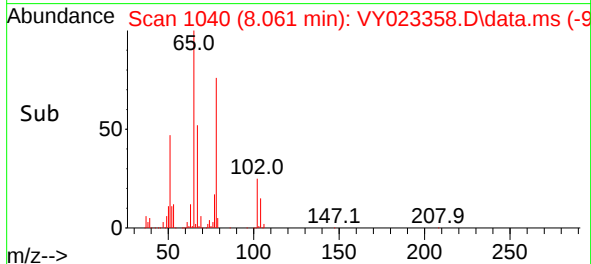
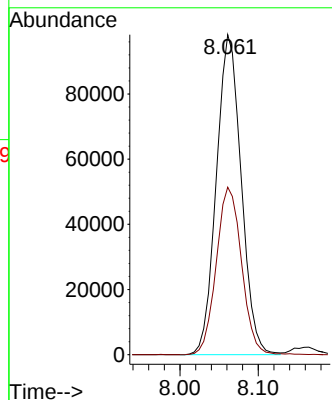
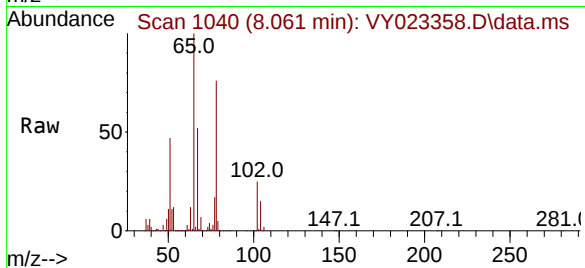
VY0912SBSD01

Tgt Ion: 65 Resp: 216575

Ion Ratio Lower Upper

65 100

67 53.3 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: VY023358.D

Acq: 12 Sep 2025 10:30

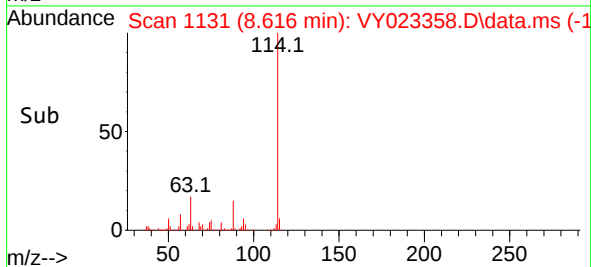
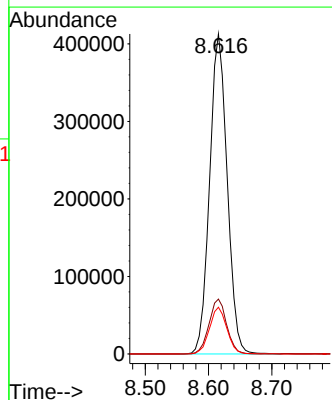
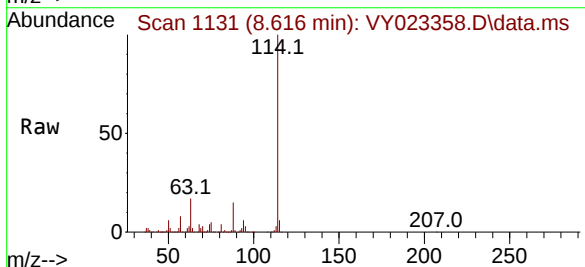
Tgt Ion: 114 Resp: 795694

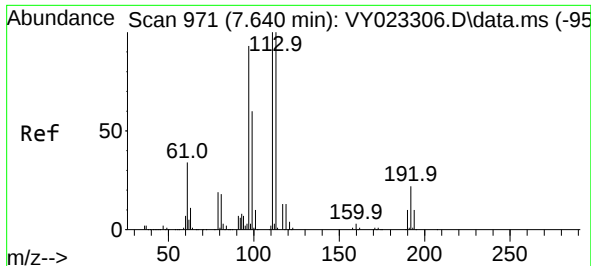
Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

88 14.6 0.0 30.0

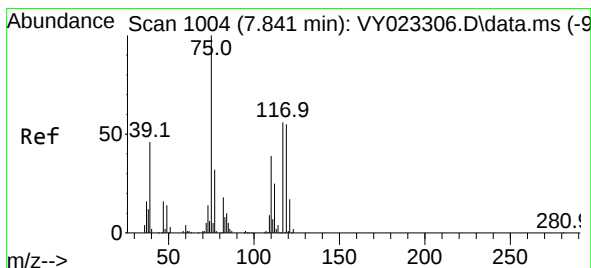
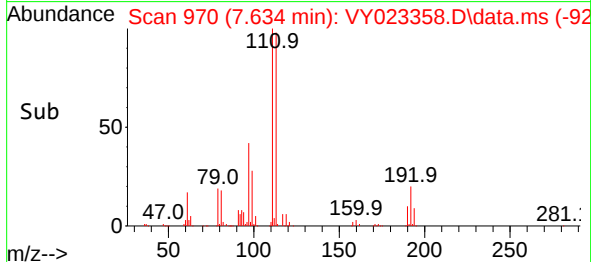
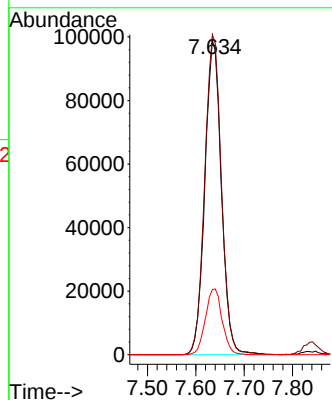
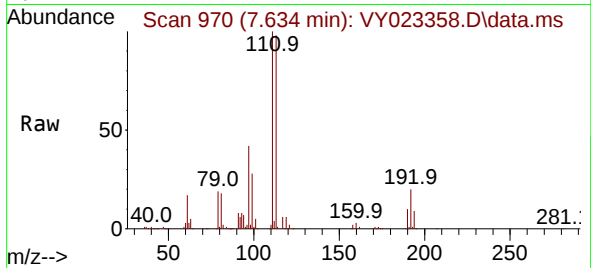




#35
Dibromofluoromethane
Concen: 48.247 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

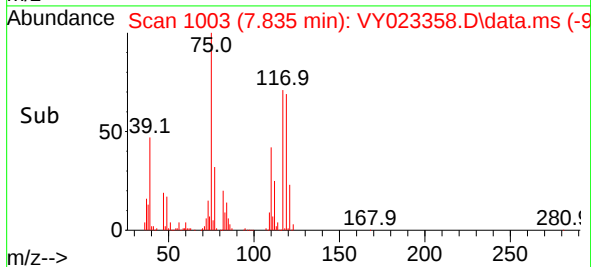
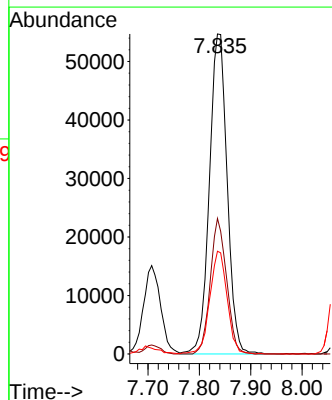
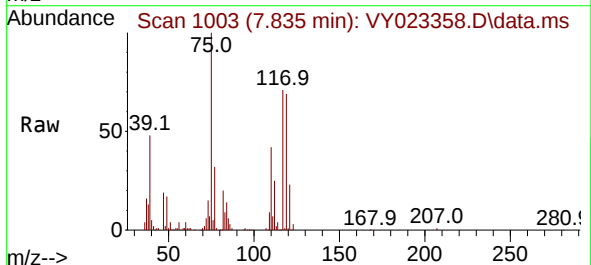
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

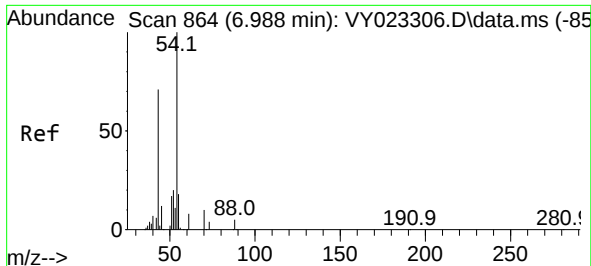
Tgt Ion:113 Resp: 234666
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 21.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 18.938 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 75 Resp: 131192
Ion Ratio Lower Upper
75 100
110 38.8 18.1 54.4
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 18.119 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

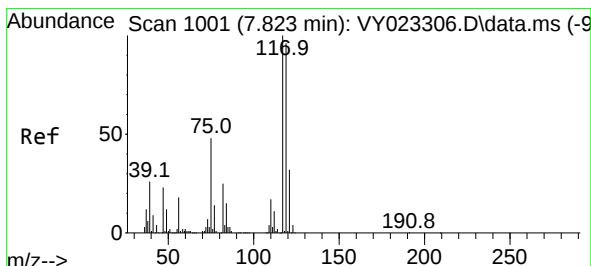
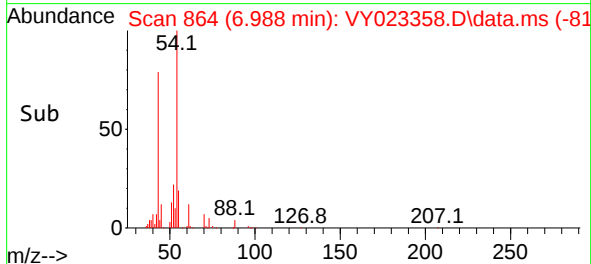
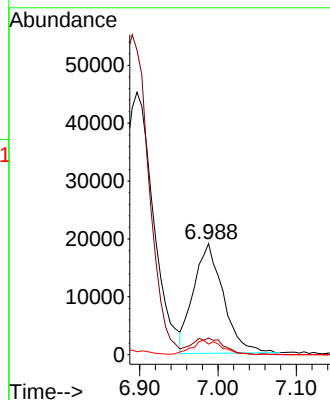
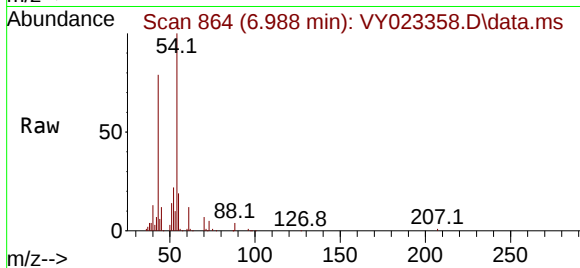
MSVOA_Y

ClientSampleId :

VY0912SBSD01

Tgt Ion: 43 Resp: 49932

Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	13.1	8.8	13.2



#38

Carbon Tetrachloride

Concen: 19.857 ug/l

RT: 7.817 min Scan# 1000

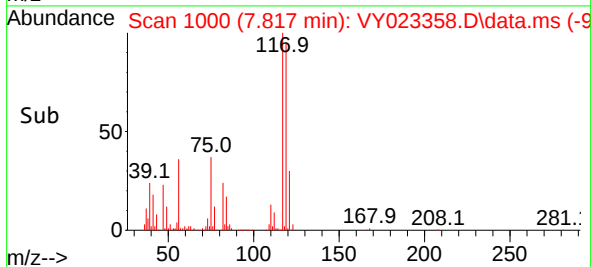
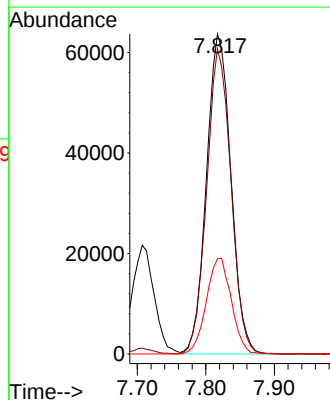
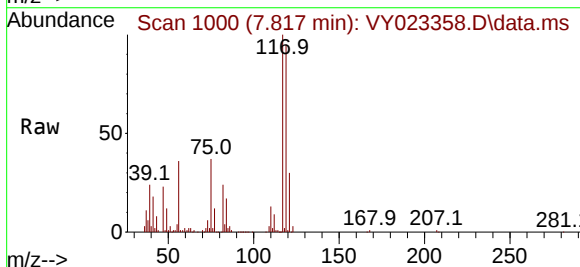
Delta R.T. 0.000 min

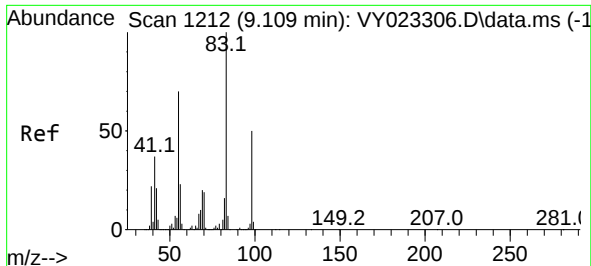
Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Tgt Ion: 117 Resp: 158285

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.6	113.4
121	29.8	25.8	38.8

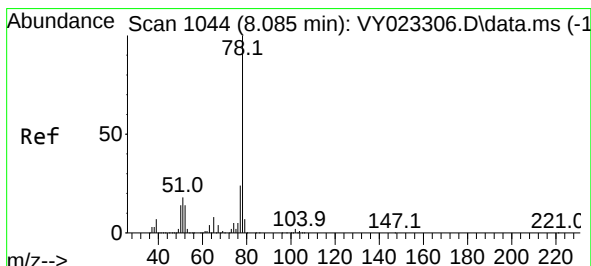
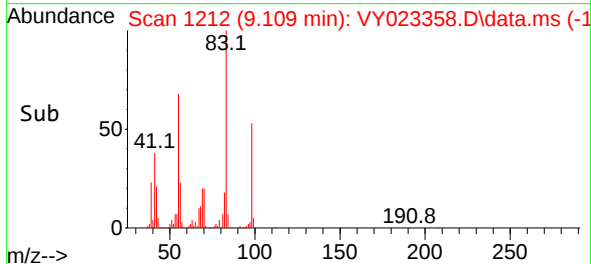
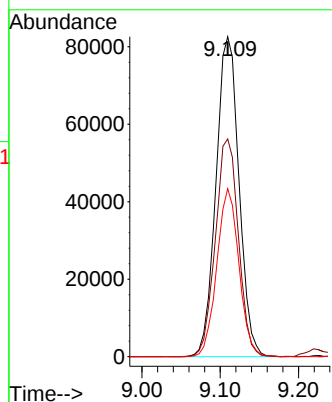
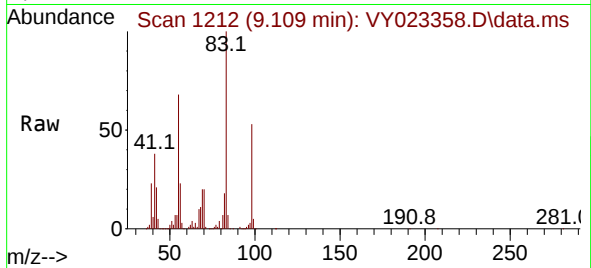




#39
Methylcyclohexane
Concen: 19.030 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

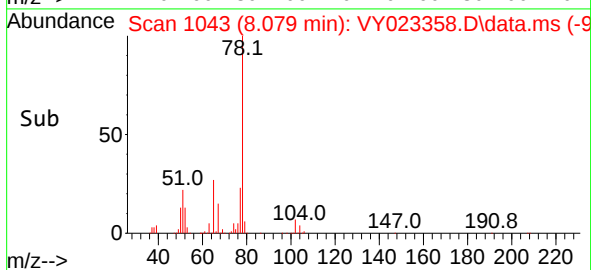
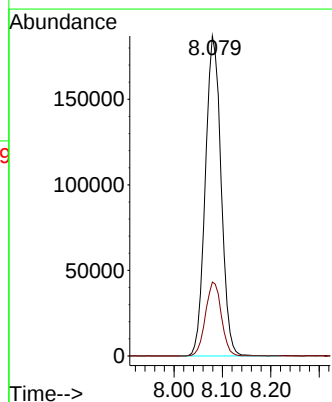
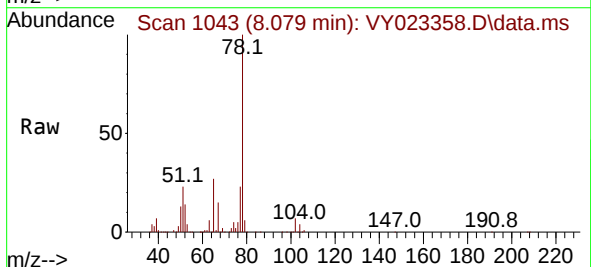
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

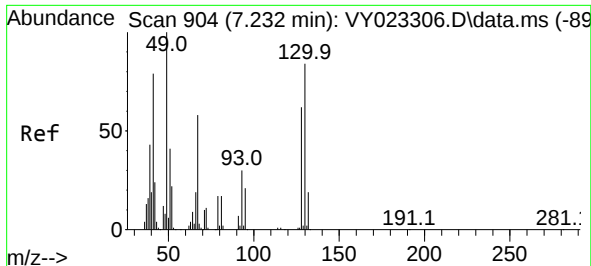
Tgt Ion: 83 Resp: 168646
Ion Ratio Lower Upper
83 100
55 68.1 57.6 86.4
98 52.5 39.2 58.8



#40
Benzene
Concen: 19.627 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 78 Resp: 422611
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

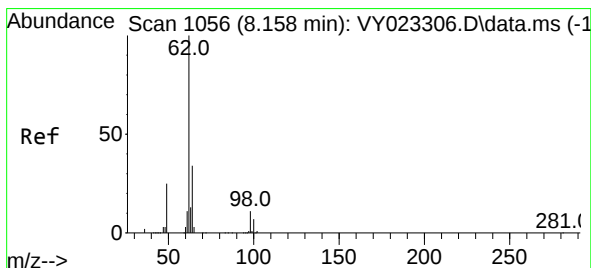
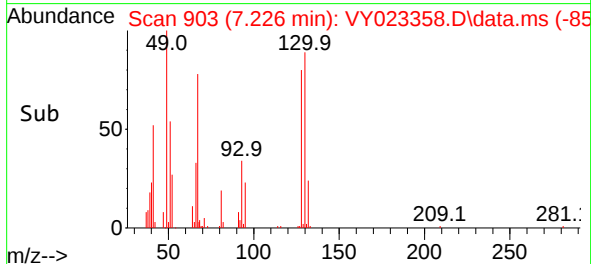
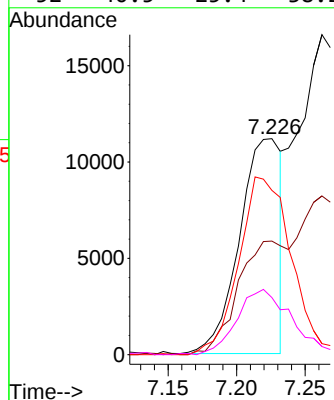
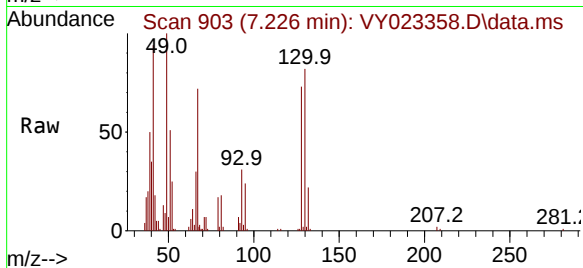




#41
Methacrylonitrile
Concen: 16.567 ug/l
RT: 7.226 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

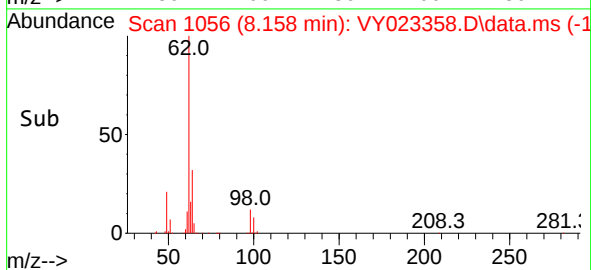
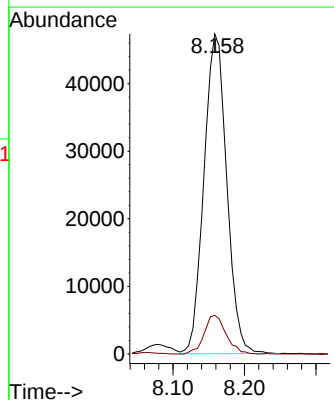
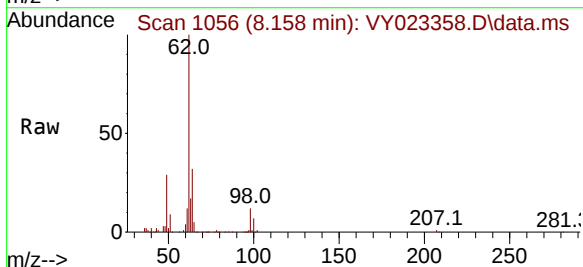
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

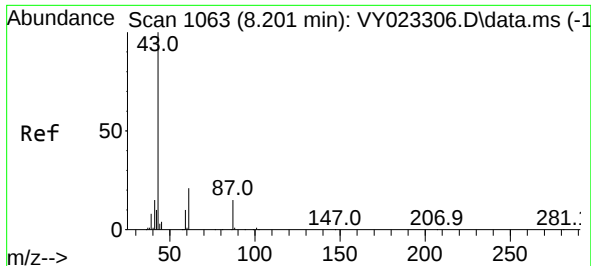
Tgt Ion:	41	Resp:	23642
Ion	Ratio	Lower	Upper
41	100		
39	63.5	43.4	65.2
67	105.7	63.6	95.4#
52	40.5	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 19.124 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion:	62	Resp:	104840
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	20.6

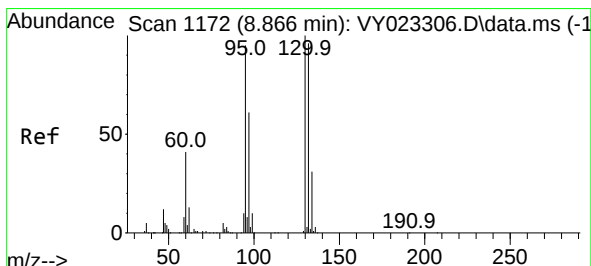
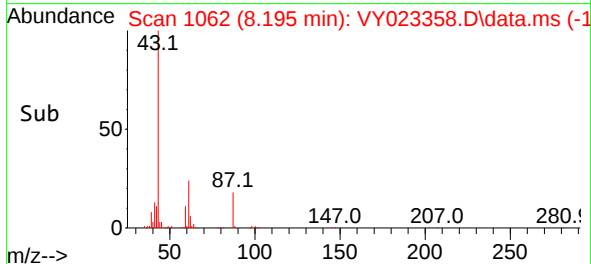
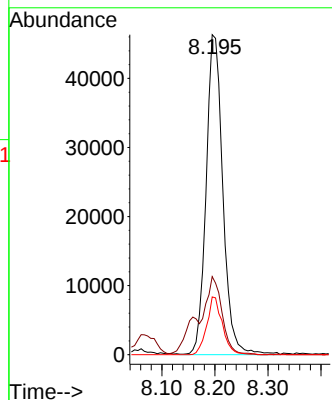
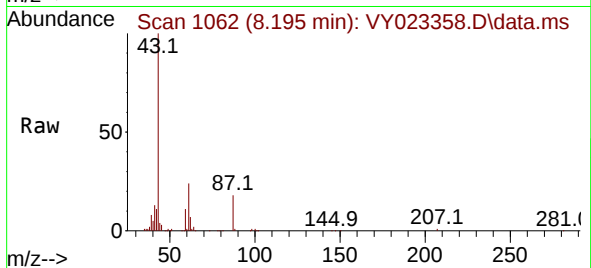




#43
Isopropyl Acetate
Concen: 19.002 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

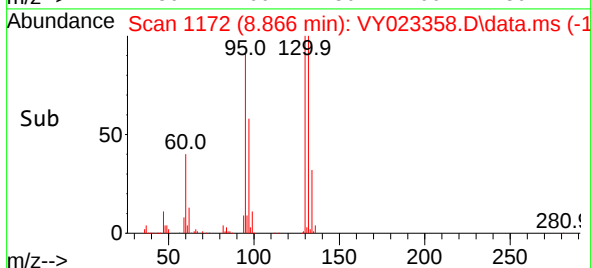
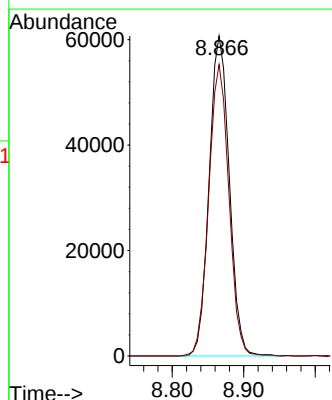
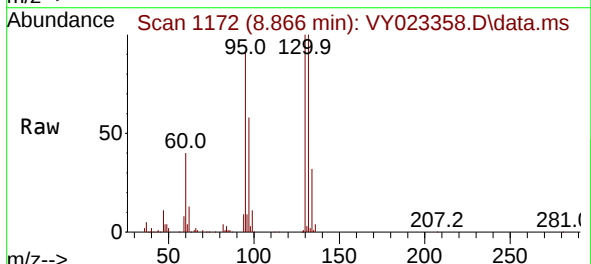
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

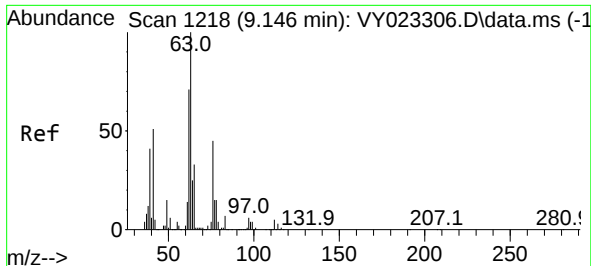
Tgt Ion: 43 Resp: 101845
Ion Ratio Lower Upper
43 100
61 24.0 16.4 24.6
87 16.8 11.8 17.6



#44
Trichloroethene
Concen: 19.756 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion:130 Resp: 118489
Ion Ratio Lower Upper
130 100
95 91.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 19.247 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

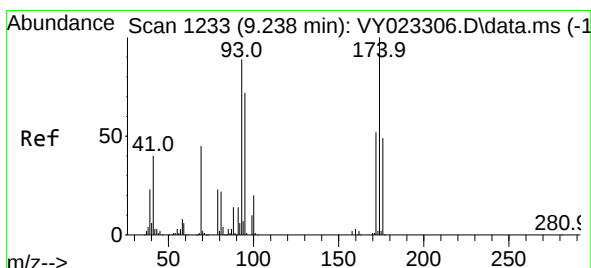
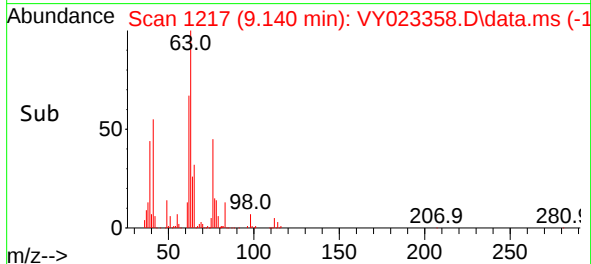
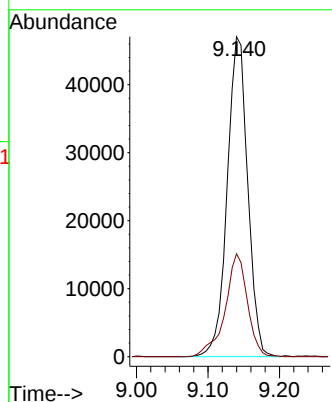
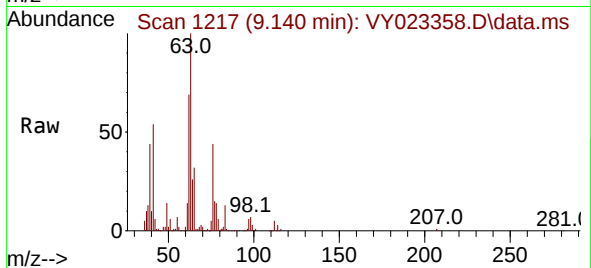
VY0912SBSD01

Tgt Ion: 63 Resp: 93597

Ion Ratio Lower Upper

63 100

65 32.2 25.3 37.9



#46

Dibromomethane

Concen: 19.412 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

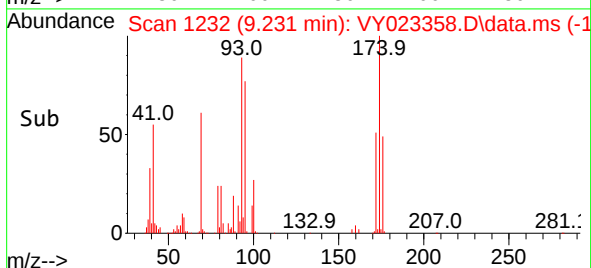
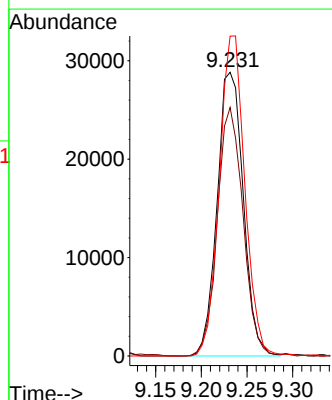
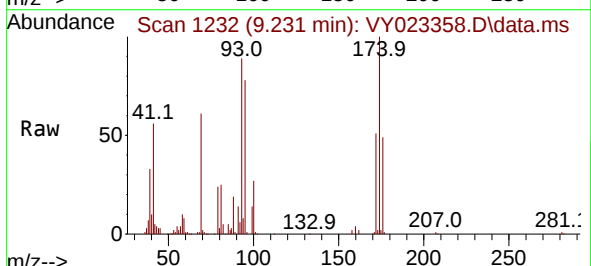
Tgt Ion: 93 Resp: 57489

Ion Ratio Lower Upper

93 100

95 85.8 66.5 99.7

174 110.0 81.8 122.8

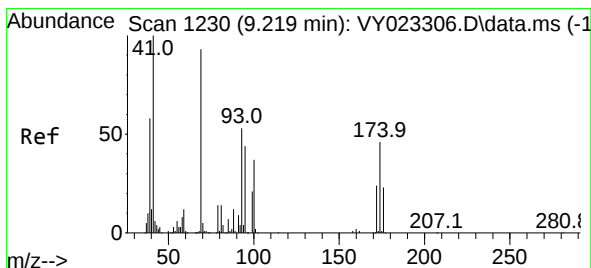
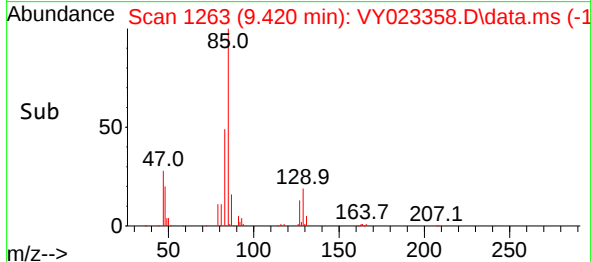
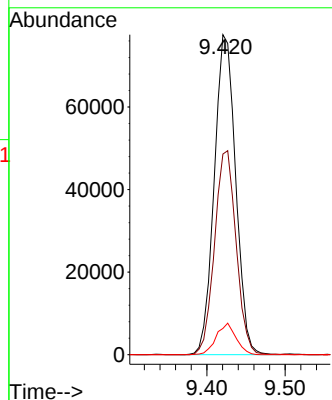
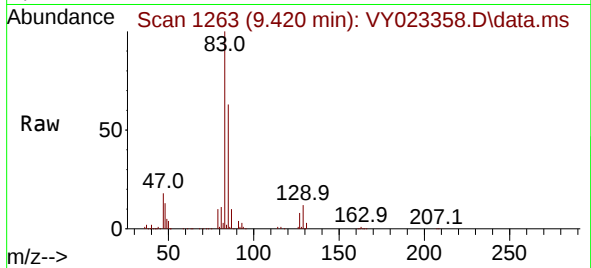




#47
Bromodichloromethane
Concen: 19.795 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

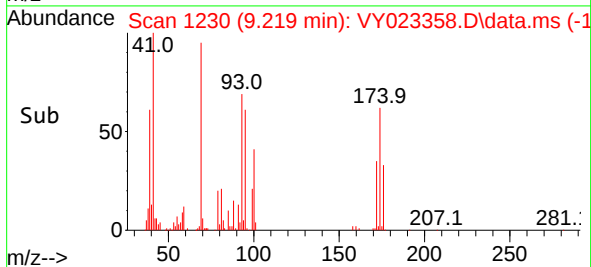
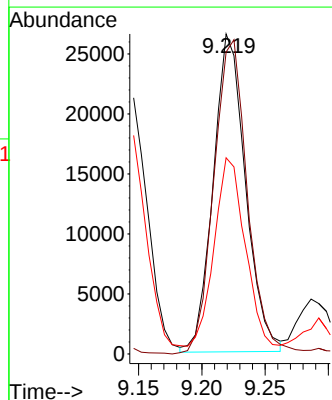
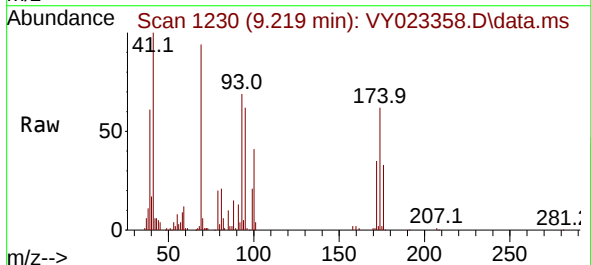
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

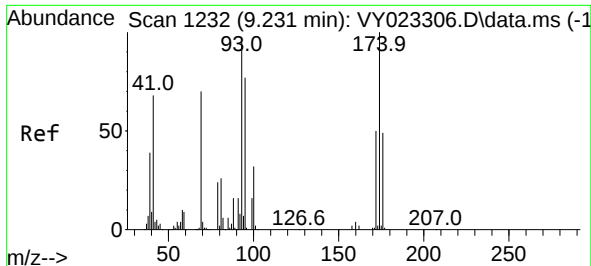
Tgt Ion: 83 Resp: 147479
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 18.840 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 41 Resp: 47066
Ion Ratio Lower Upper
41 100
69 102.6 73.2 109.8
39 57.1 47.0 70.4





#49

1,4-Dioxane

Concen: 421.027 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

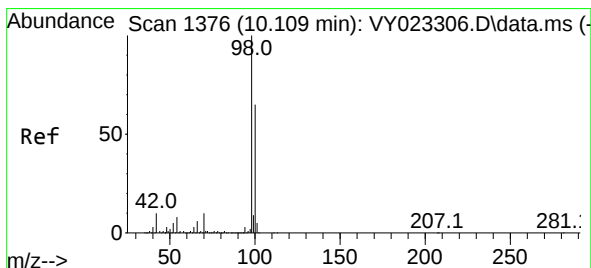
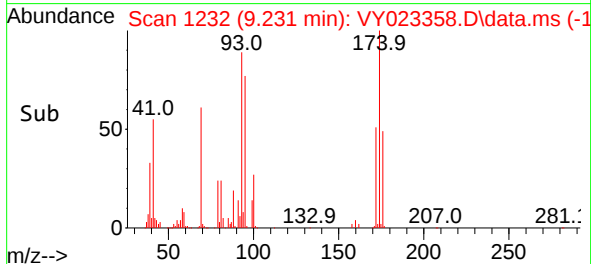
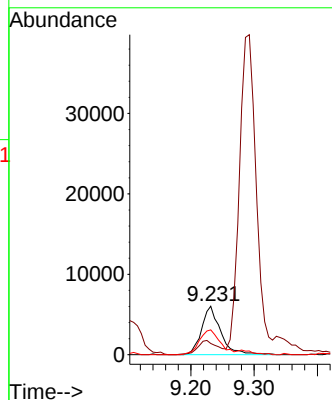
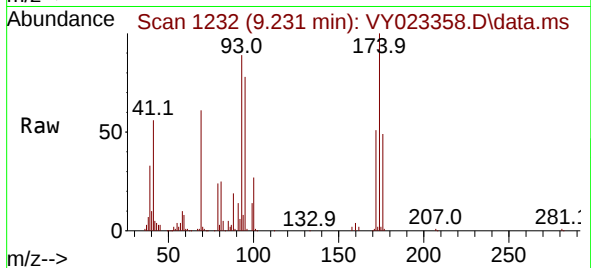
Tgt Ion: 88 Resp: 12657

Ion Ratio Lower Upper

88 100

43 31.1 24.3 36.5

58 55.0 55.4 83.0#



#50

Toluene-d8

Concen: 48.383 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023358.D

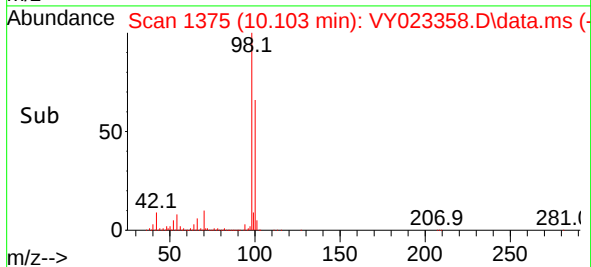
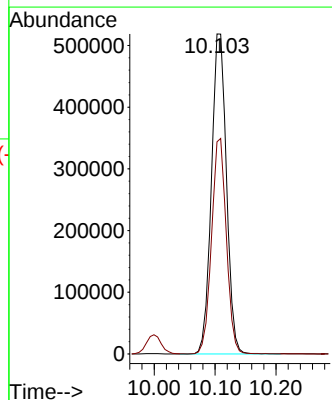
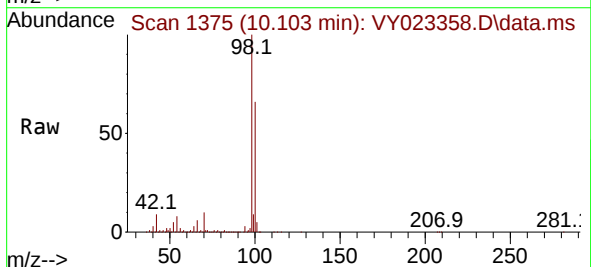
Acq: 12 Sep 2025 10:30

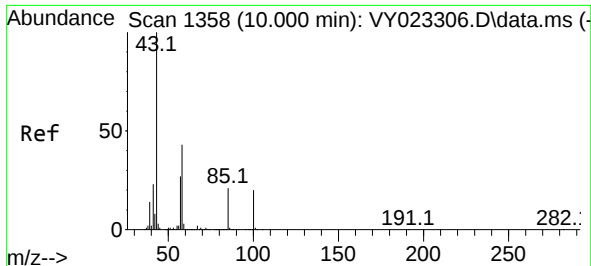
Tgt Ion: 98 Resp: 888595

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5

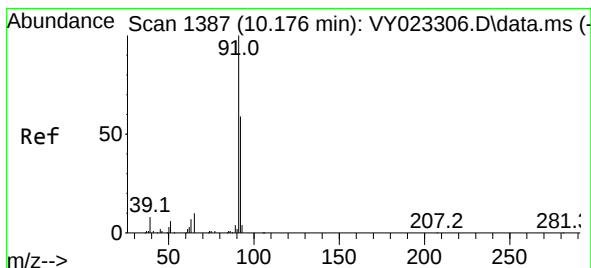
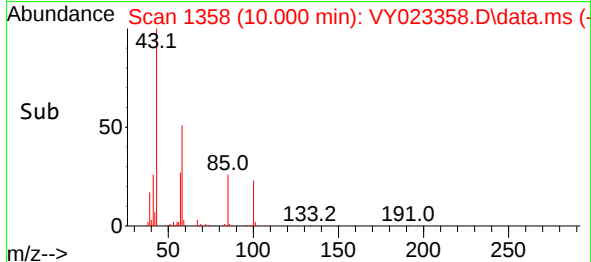
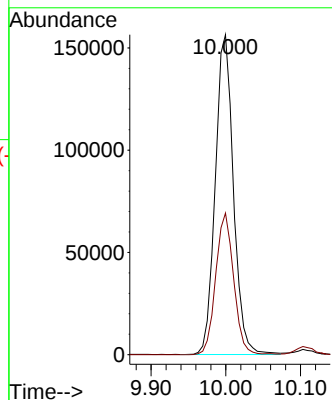
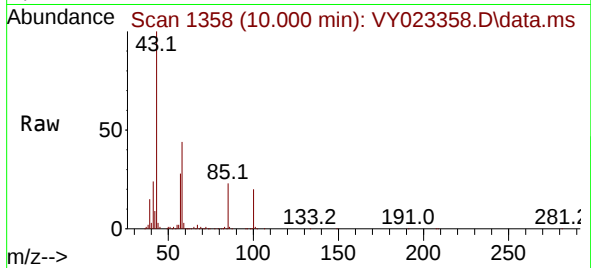




#51
4-Methyl-2-Pentanone
Concen: 96.331 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

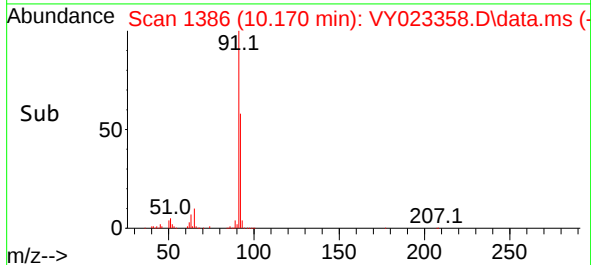
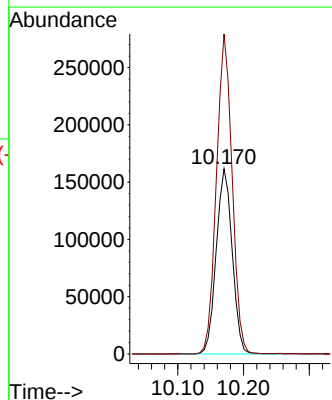
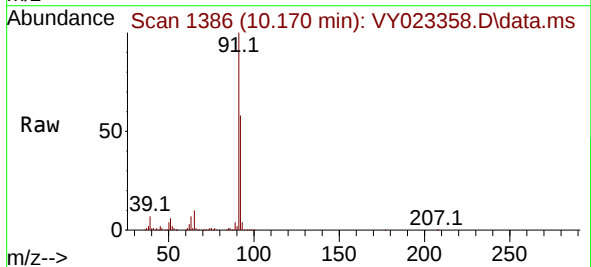
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

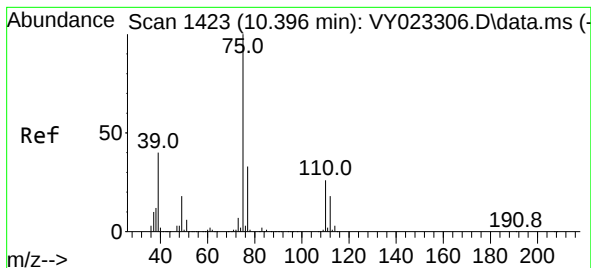
Tgt Ion: 43 Resp: 264147
Ion Ratio Lower Upper
43 100
58 43.9 33.5 50.3



#52
Toluene
Concen: 19.998 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 92 Resp: 273260
Ion Ratio Lower Upper
92 100
91 169.6 136.4 204.6

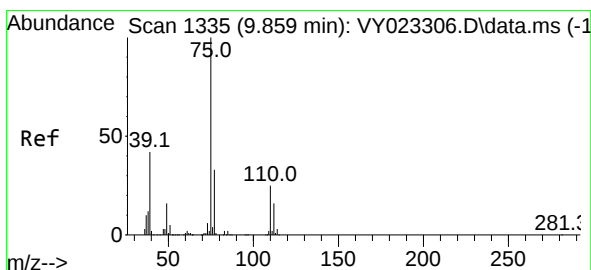
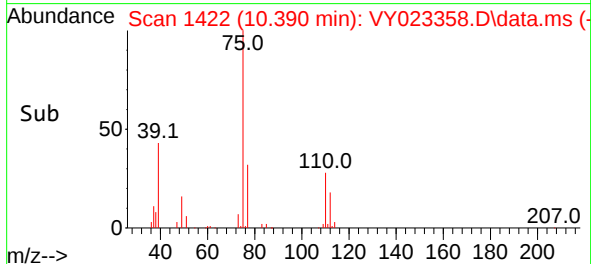
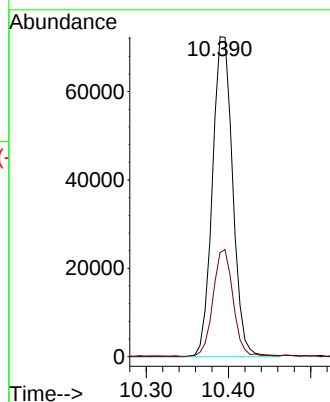
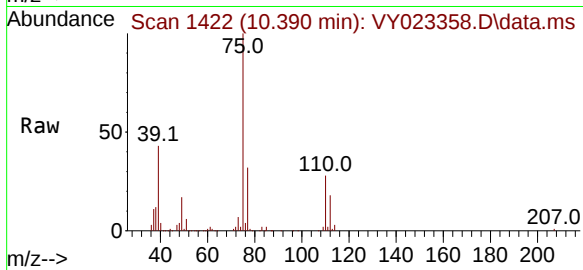




#53
 t-1,3-Dichloropropene
 Concen: 19.370 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

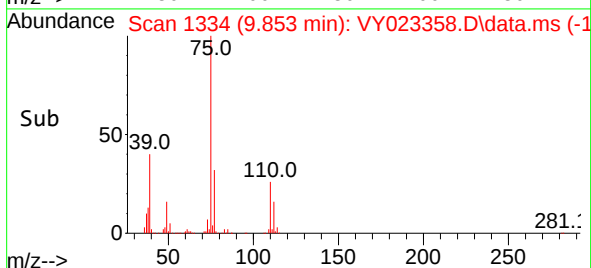
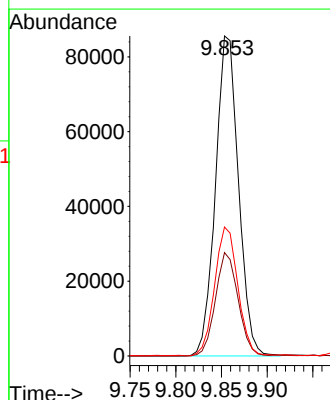
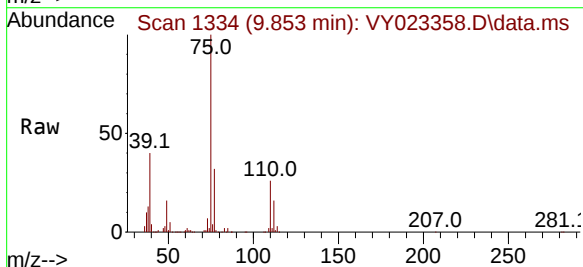
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBSD01

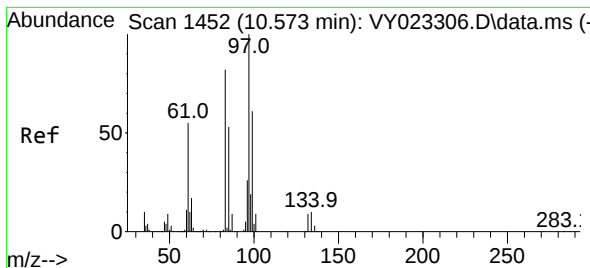
Tgt Ion: 75 Resp: 124250
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.571 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

Tgt Ion: 75 Resp: 150010
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 40.1 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 19.905 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

Tgt Ion: 97 Resp: 78415

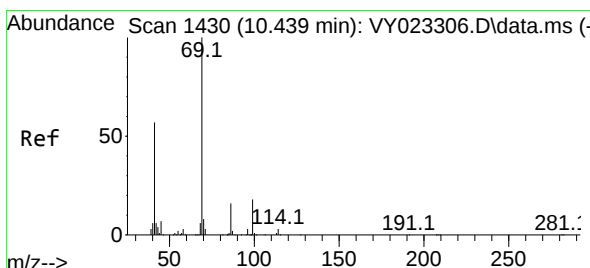
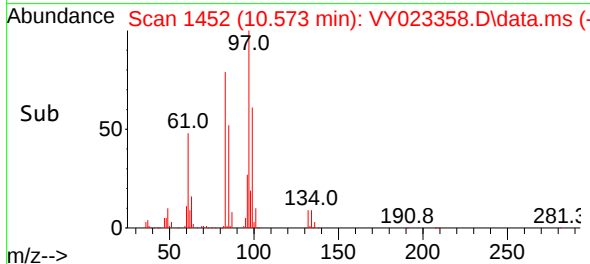
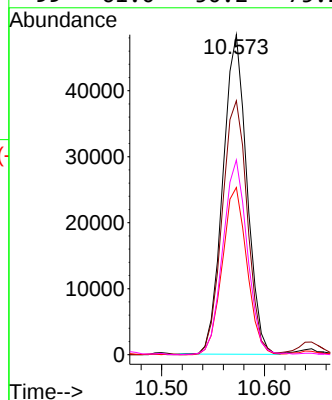
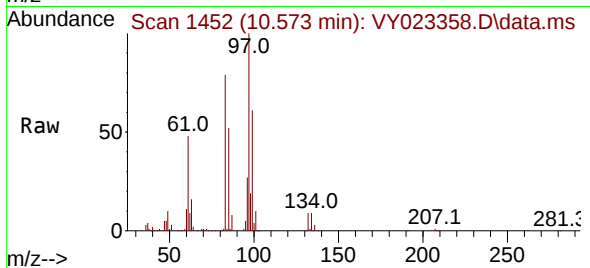
Ion Ratio Lower Upper

97 100

83 79.5 67.7 101.5

85 52.4 44.5 66.7

99 61.0 50.2 75.2



#56

Ethyl methacrylate

Concen: 18.879 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

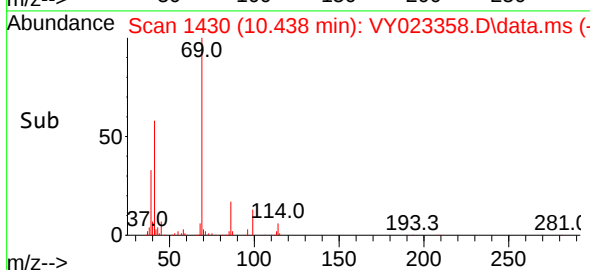
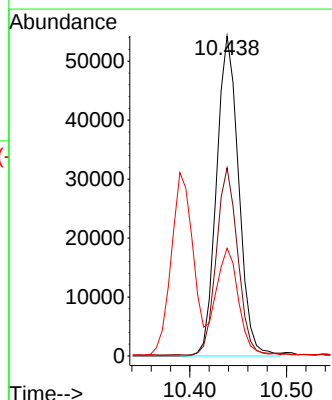
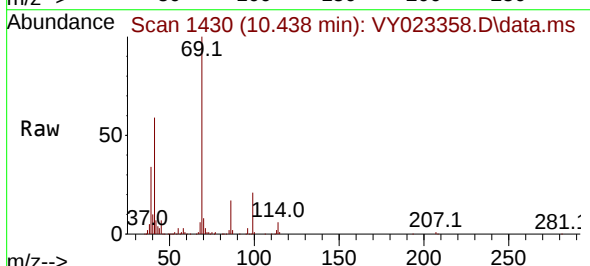
Tgt Ion: 69 Resp: 86164

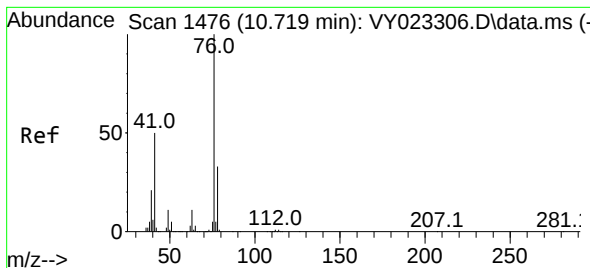
Ion Ratio Lower Upper

69 100

41 56.8 48.6 72.8

39 34.5 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.873 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

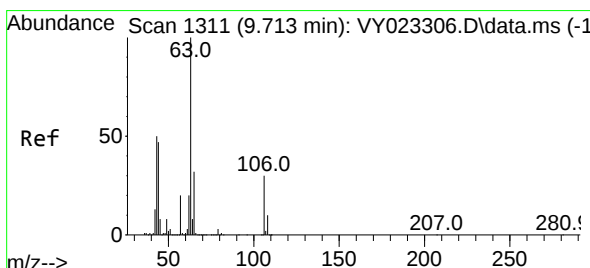
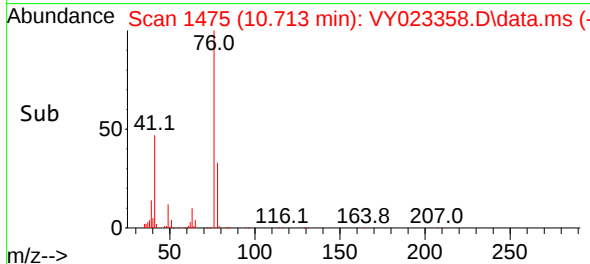
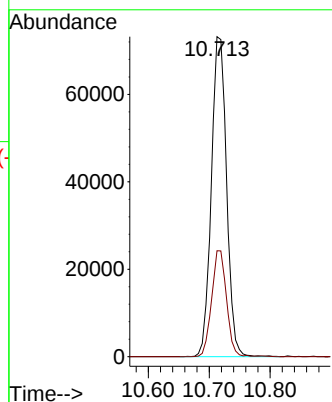
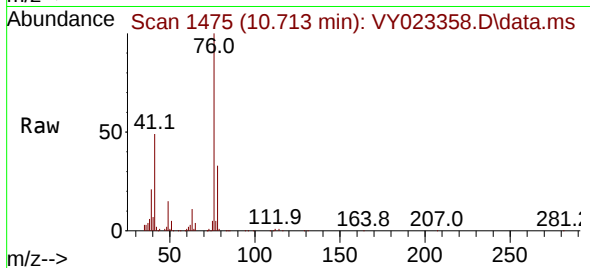
VY0912SBSD01

Tgt Ion: 76 Resp: 127097

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.923 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023358.D

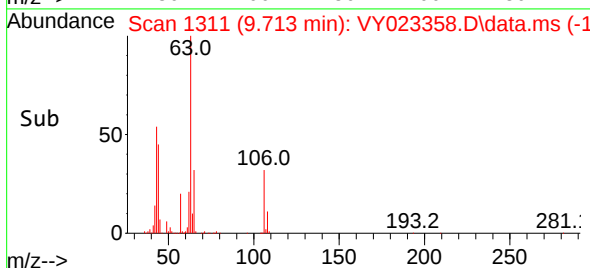
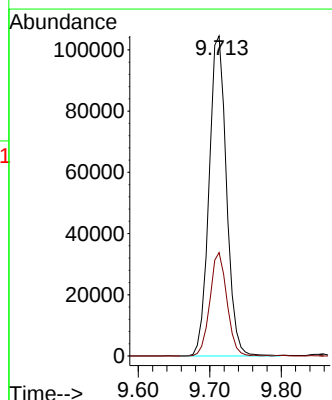
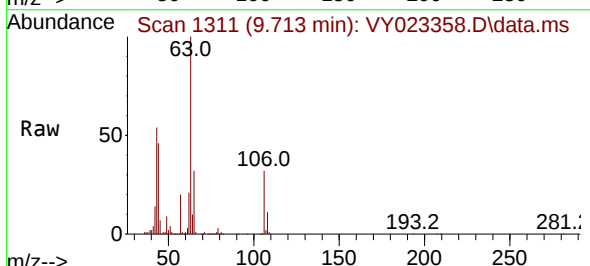
Acq: 12 Sep 2025 10:30

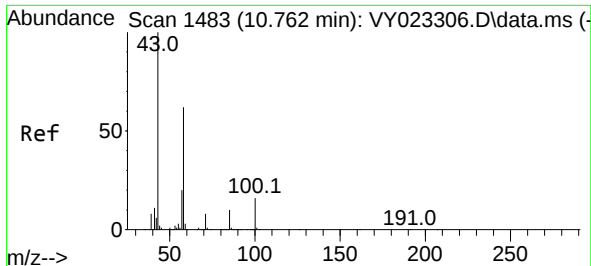
Tgt Ion: 63 Resp: 176886

Ion Ratio Lower Upper

63 100

106 31.6 23.2 34.8

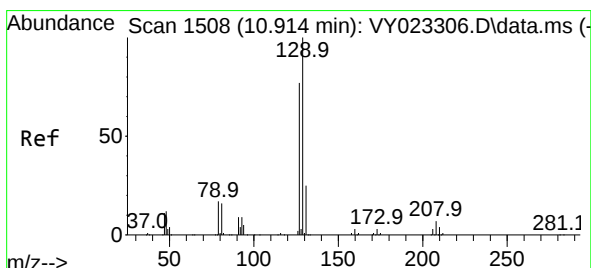
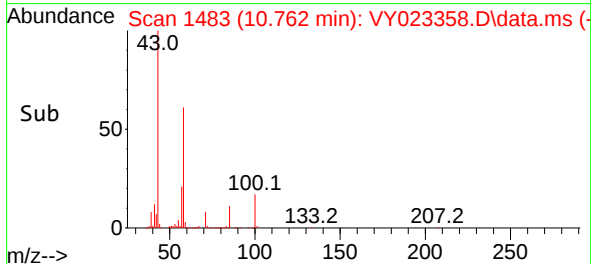
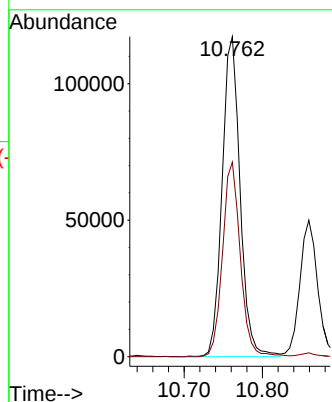
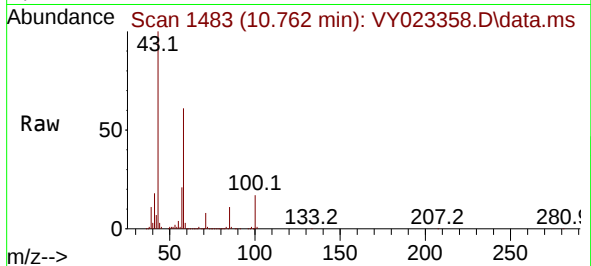




#59
2-Hexanone
Concen: 98.743 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

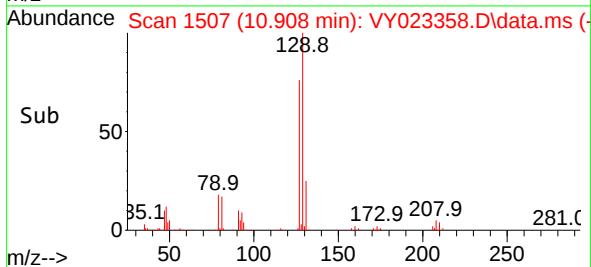
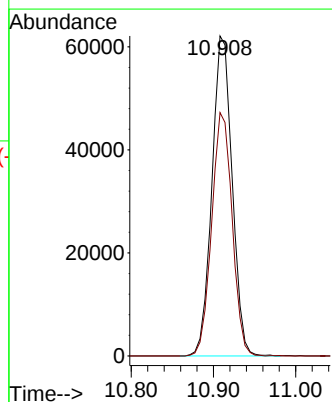
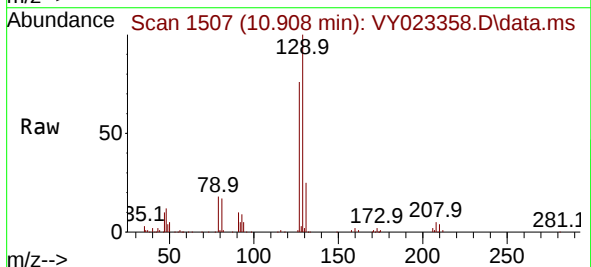
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

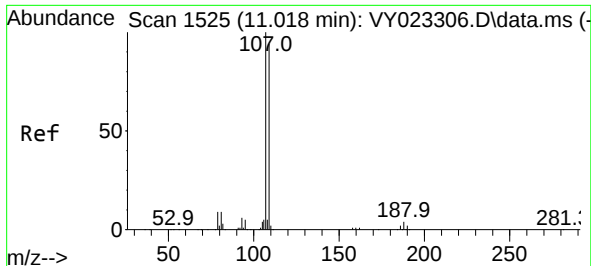
Tgt Ion: 43 Resp: 187177
Ion Ratio Lower Upper
43 100
58 60.1 29.5 88.5



#60
Dibromochloromethane
Concen: 19.837 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 129 Resp: 106029
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

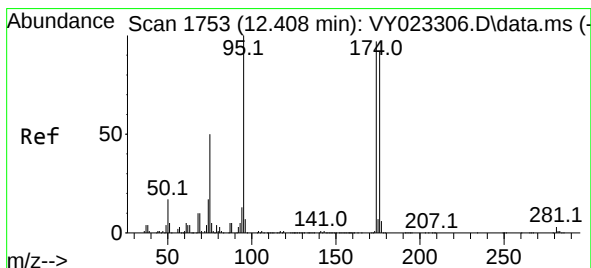
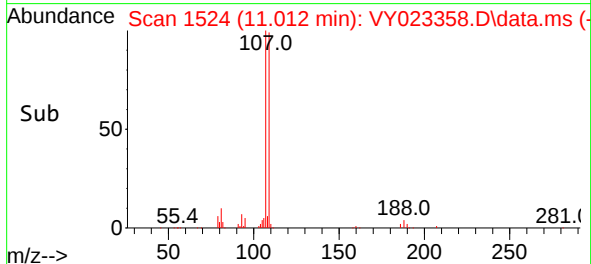
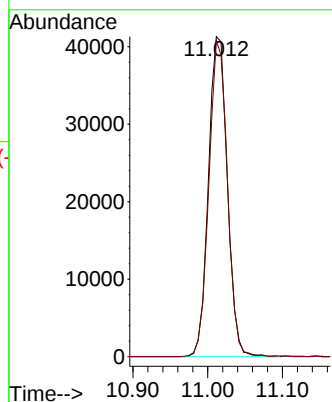
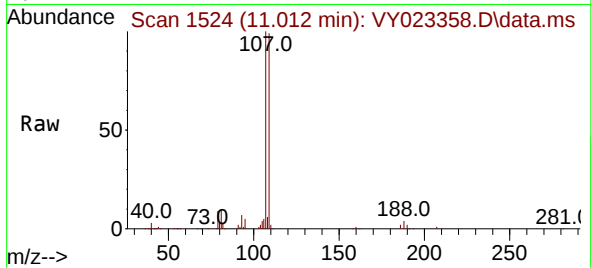




#61
1,2-Dibromoethane
Concen: 19.697 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

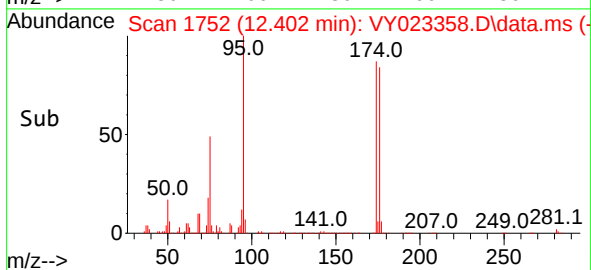
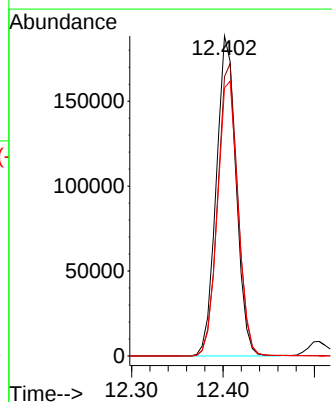
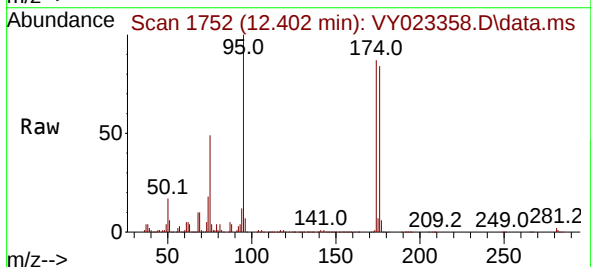
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

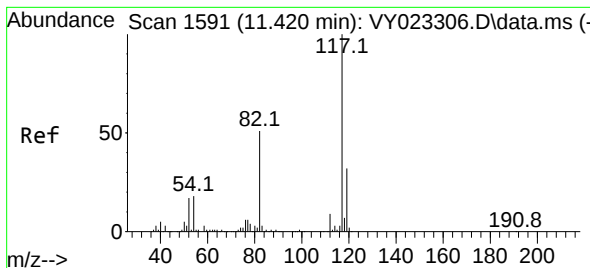
Tgt Ion:107 Resp: 72712
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 95 Resp: 283623
Ion Ratio Lower Upper
95 100
174 92.6 0.0 171.6
176 89.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

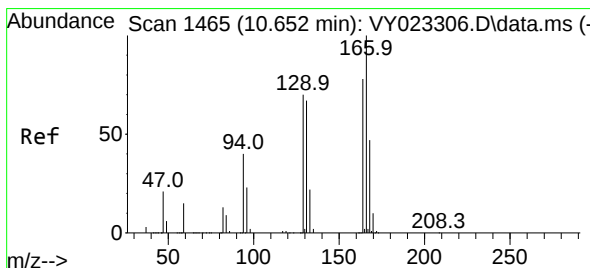
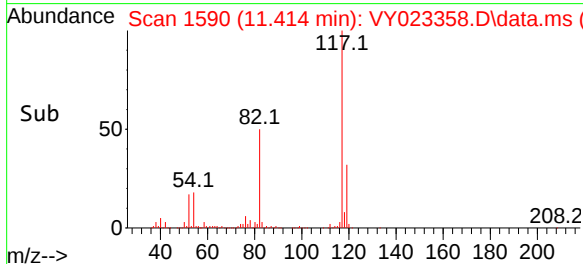
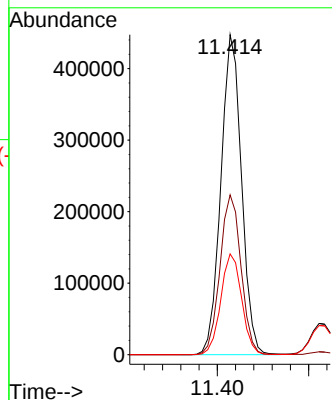
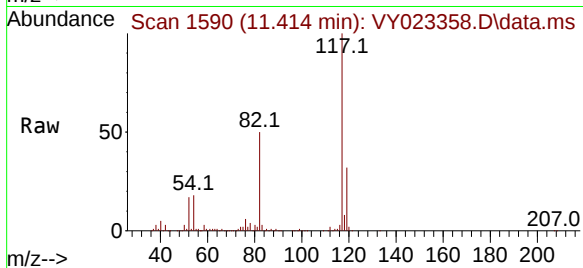
Tgt Ion:117 Resp: 701619

Ion Ratio Lower Upper

117 100

82 50.0 43.4 65.0

119 31.5 25.6 38.4



#64

Tetrachloroethene

Concen: 20.195 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Tgt Ion:164 Resp: 141216

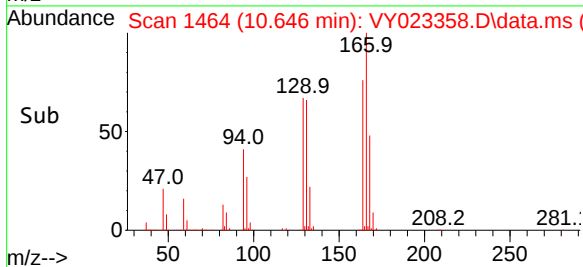
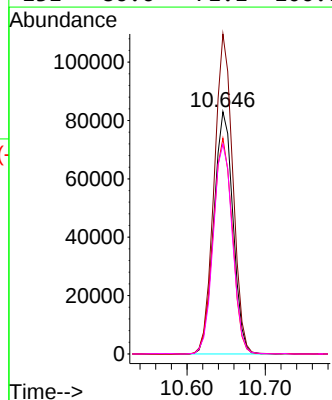
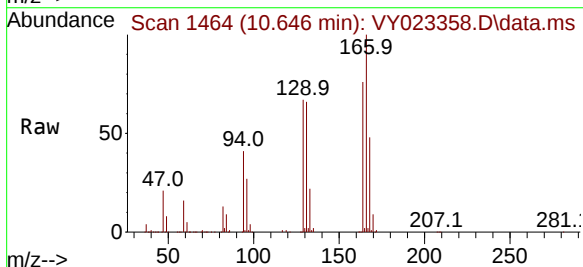
Ion Ratio Lower Upper

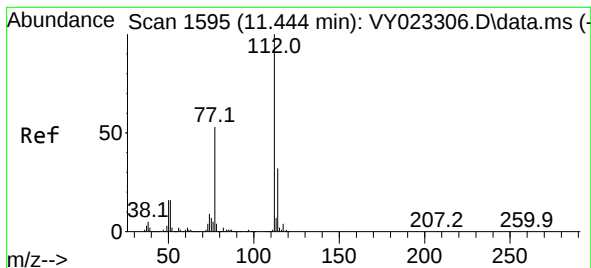
164 100

166 132.1 101.1 151.7

129 89.0 74.0 111.0

131 86.6 71.1 106.7





#65

Chlorobenzene

Concen: 19.894 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

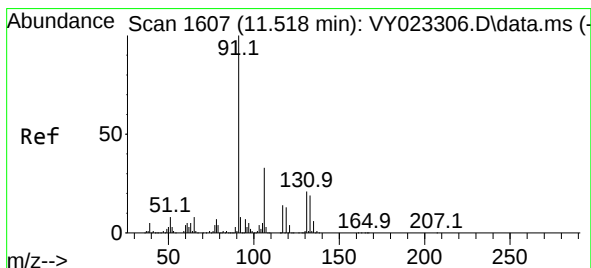
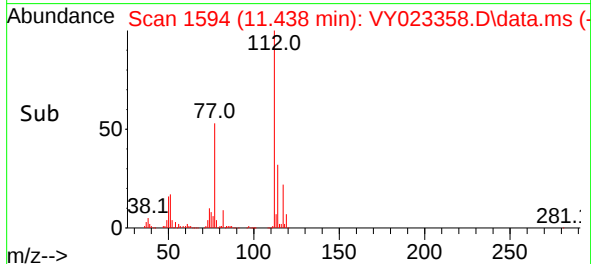
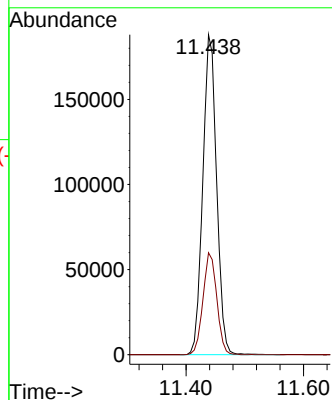
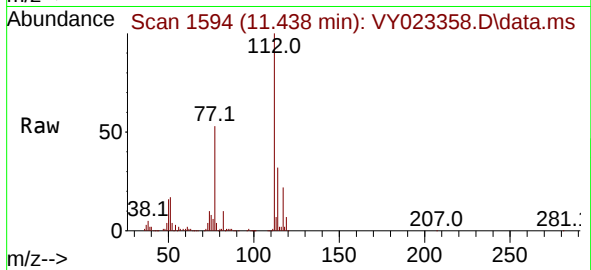
VY0912SBSD01

Tgt Ion:112 Resp: 305788

Ion Ratio Lower Upper

112 100

114 31.9 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.715 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

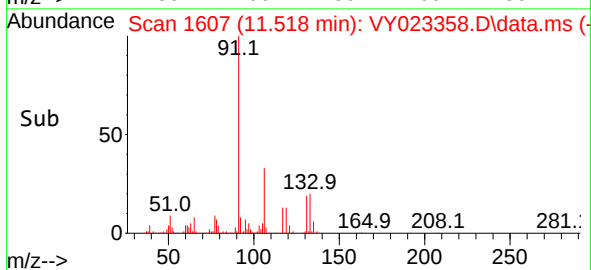
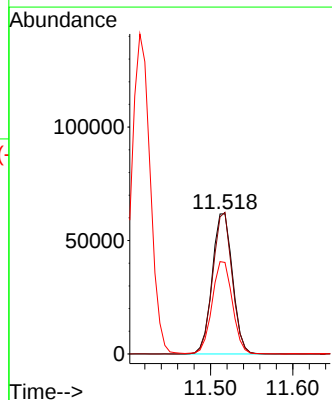
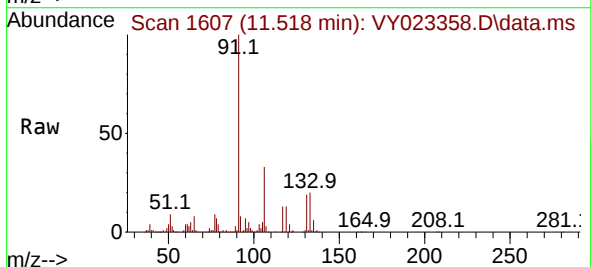
Tgt Ion:131 Resp: 106362

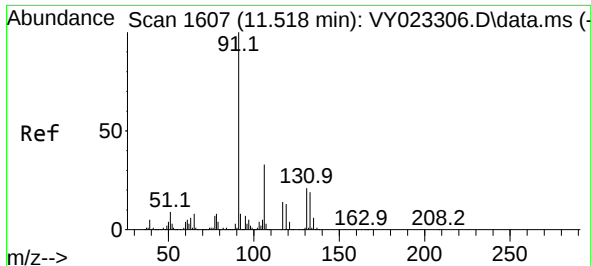
Ion Ratio Lower Upper

131 100

133 96.6 46.9 140.6

119 65.8 33.2 99.6





#67

Ethyl Benzene

Concen: 19.526 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

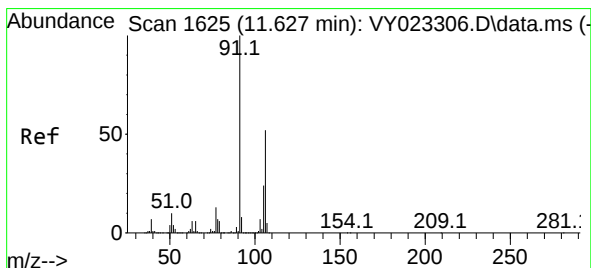
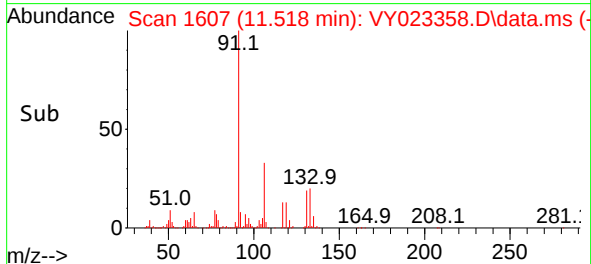
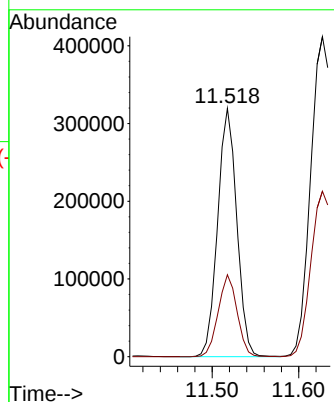
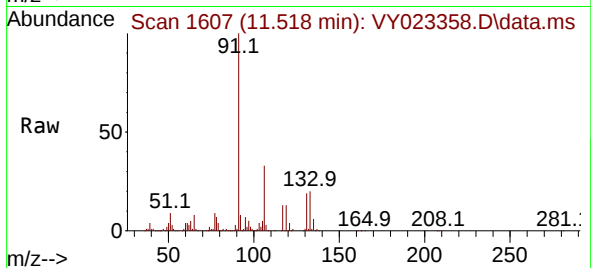
VY0912SBSD01

Tgt Ion: 91 Resp: 490318

Ion Ratio Lower Upper

91 100

106 33.0 25.0 37.4



#68

m/p-Xylenes

Concen: 39.348 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023358.D

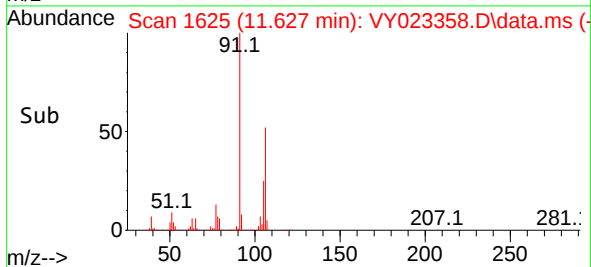
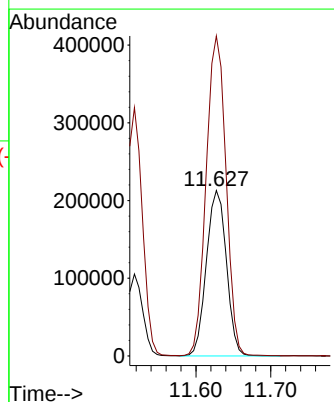
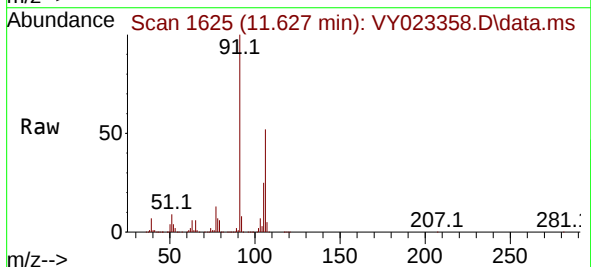
Acq: 12 Sep 2025 10:30

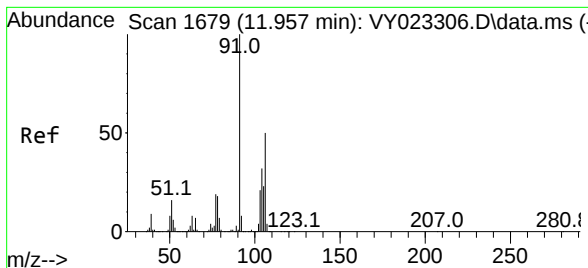
Tgt Ion: 106 Resp: 395652

Ion Ratio Lower Upper

106 100

91 192.0 158.6 238.0

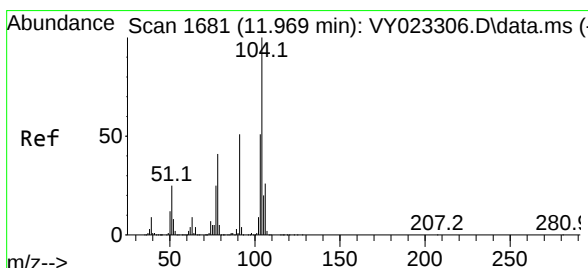
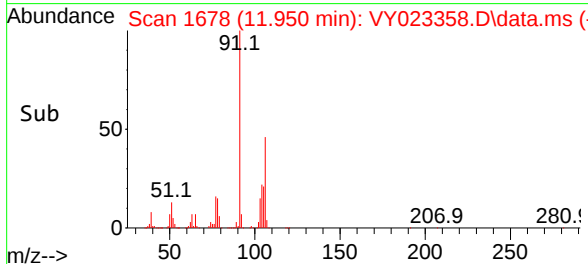
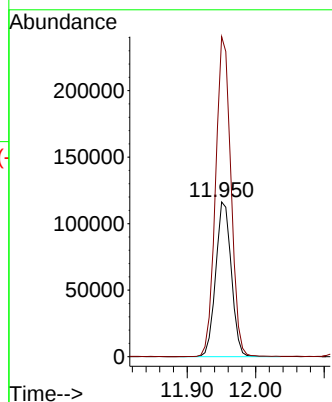
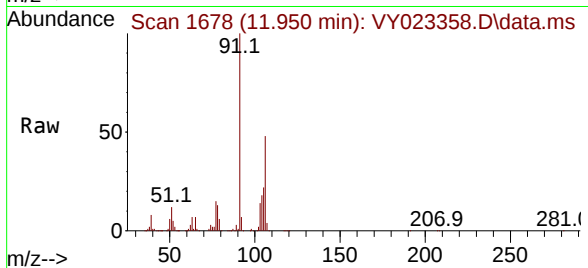




#69
o-Xylene
Concen: 19.651 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

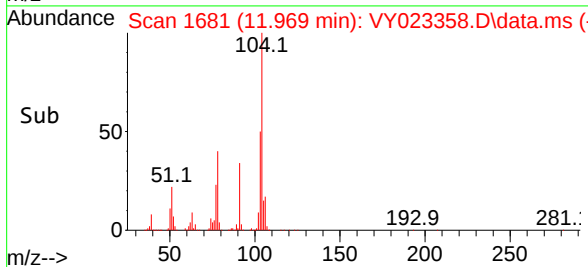
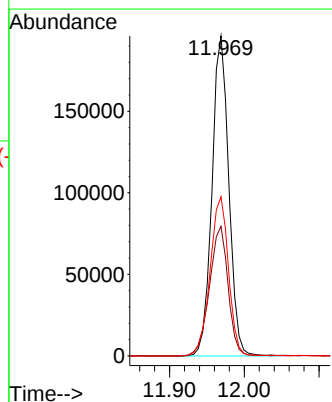
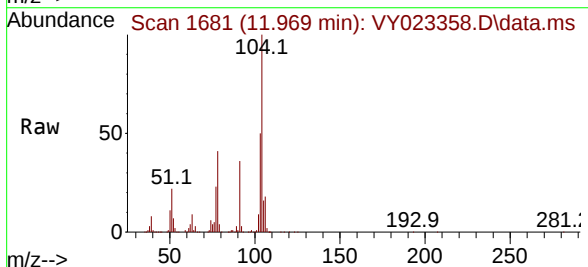
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

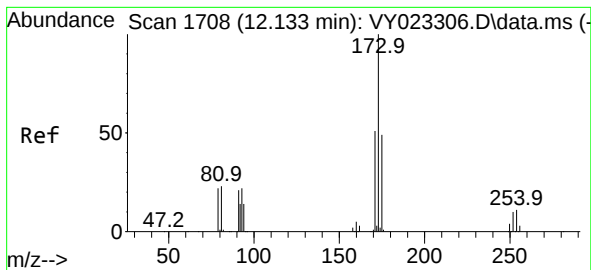
Tgt Ion:106 Resp: 182912
Ion Ratio Lower Upper
106 100
91 204.0 103.2 309.4



#70
Styrene
Concen: 19.952 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion:104 Resp: 307797
Ion Ratio Lower Upper
104 100
78 44.8 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 20.078 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

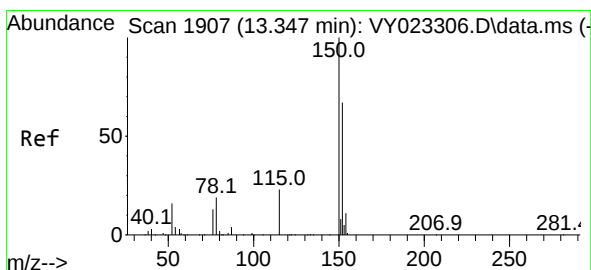
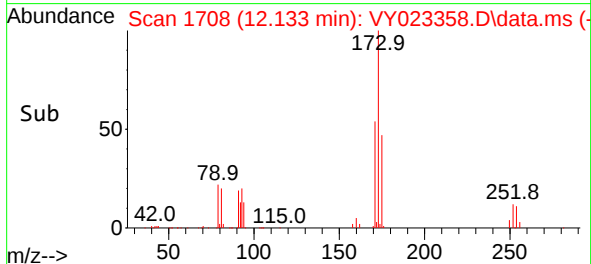
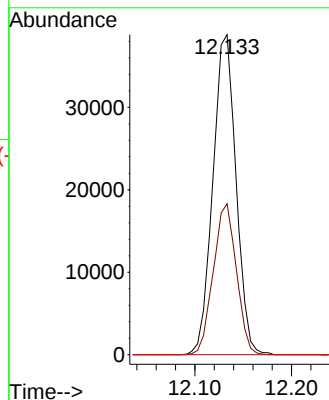
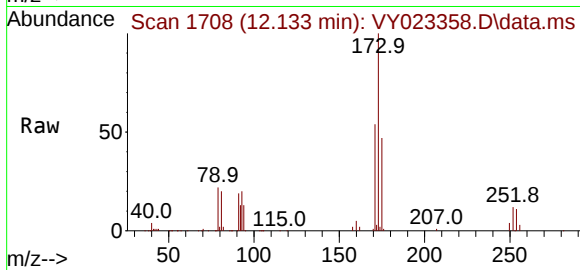
Tgt Ion:173 Resp: 64507

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

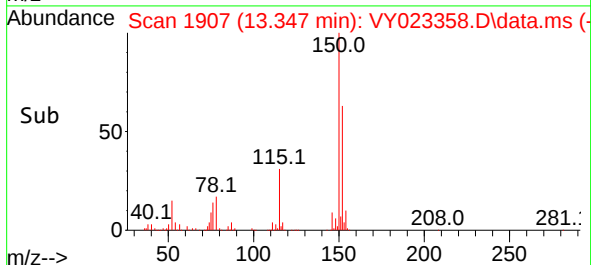
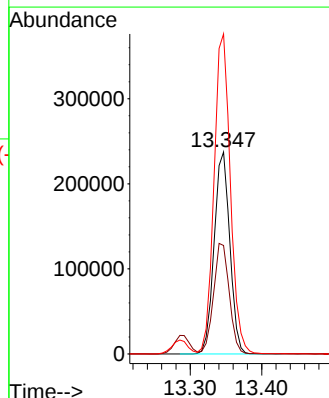
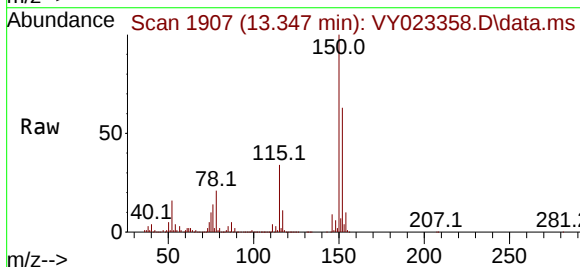
Tgt Ion:152 Resp: 361007

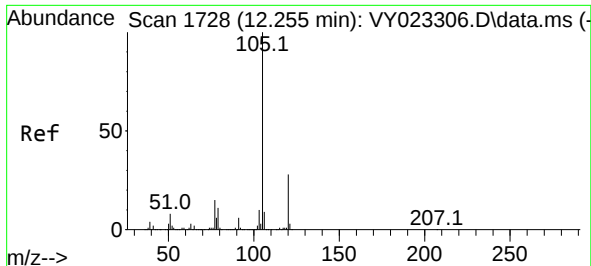
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.6

150 165.0 0.0 348.0

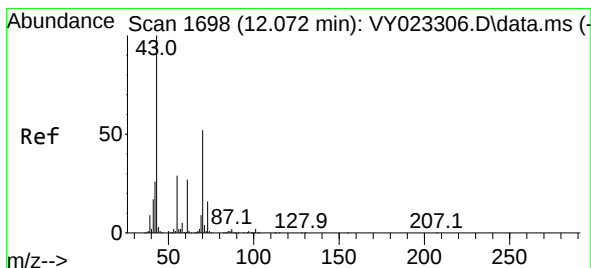
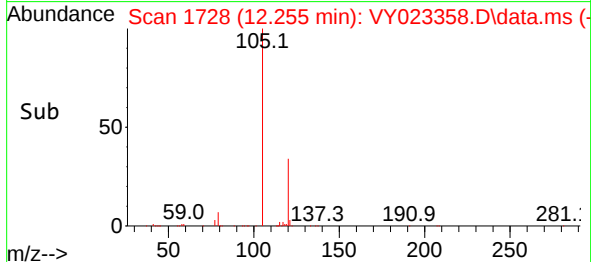
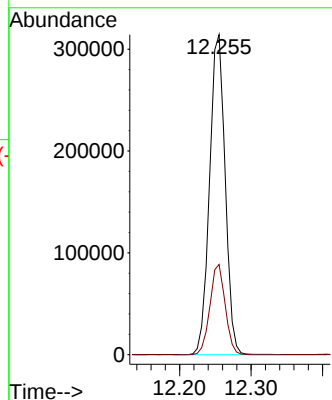
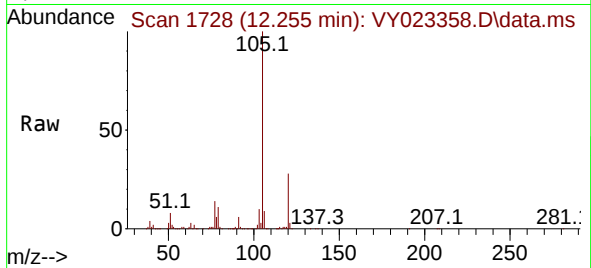




#73
Isopropylbenzene
Concen: 19.571 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

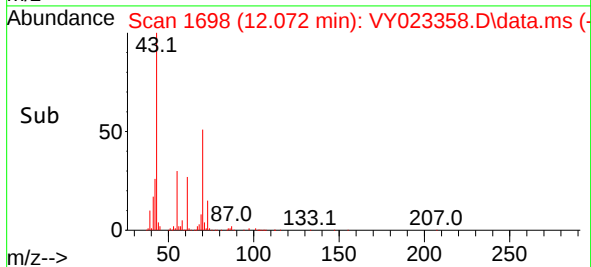
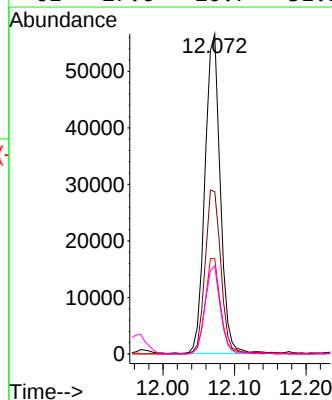
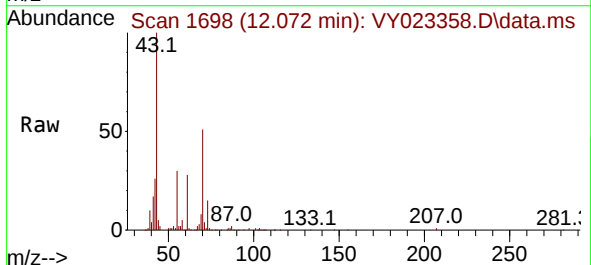
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

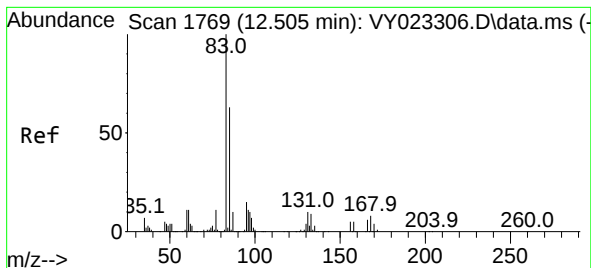
Tgt Ion:105 Resp: 475912
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 18.375 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 43 Resp: 84462
Ion Ratio Lower Upper
43 100
70 53.0 37.5 56.3
55 29.9 20.7 31.1
61 27.6 20.7 31.1

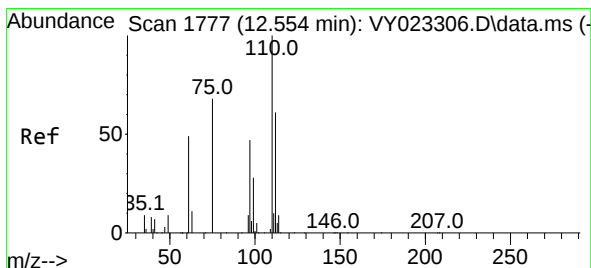
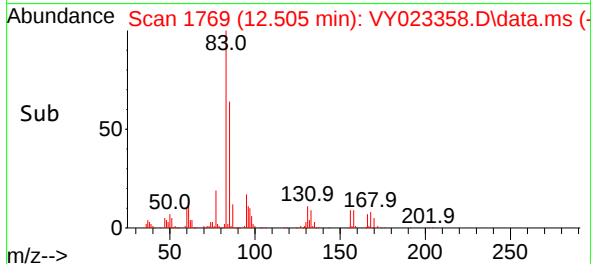
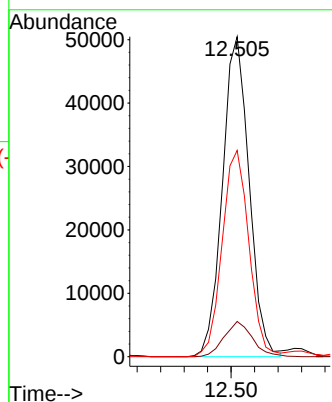
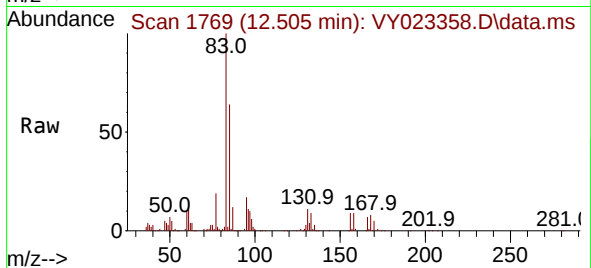




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.494 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

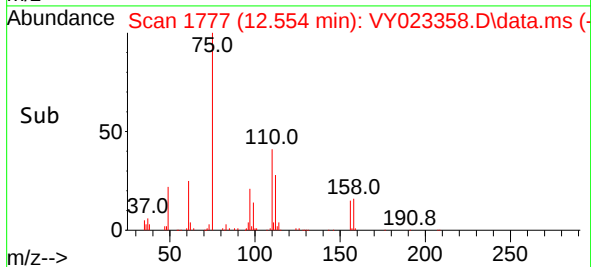
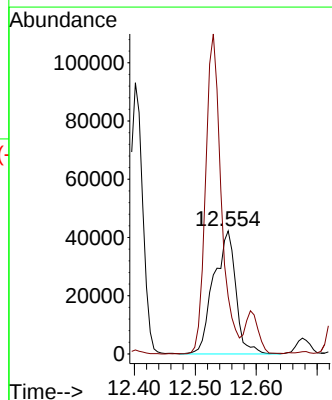
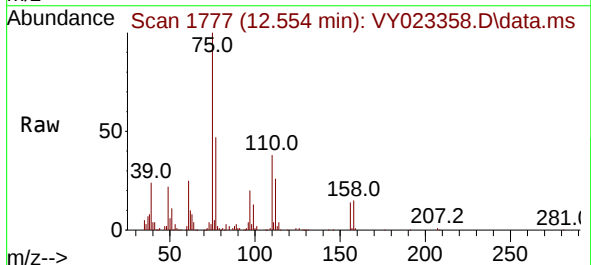
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBSD01

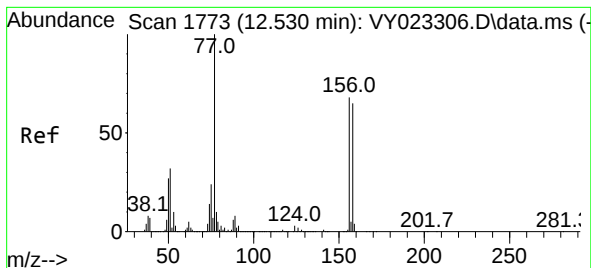
Tgt Ion: 83 Resp: 79557
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.1 15.3
 85 64.7 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 29.215 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

Tgt Ion: 75 Resp: 106807
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.826 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

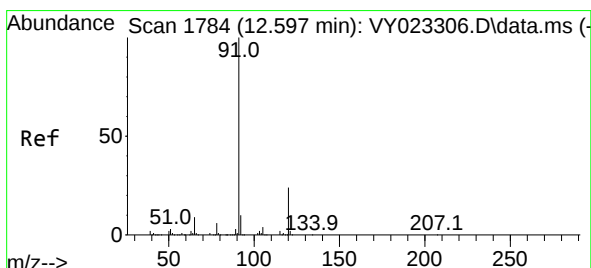
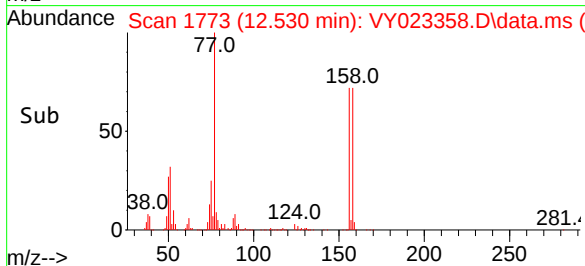
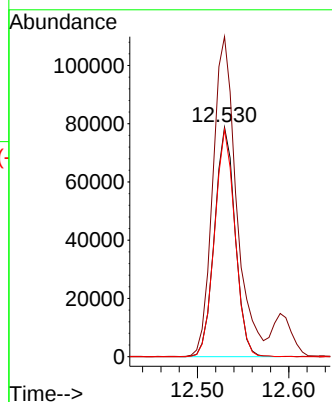
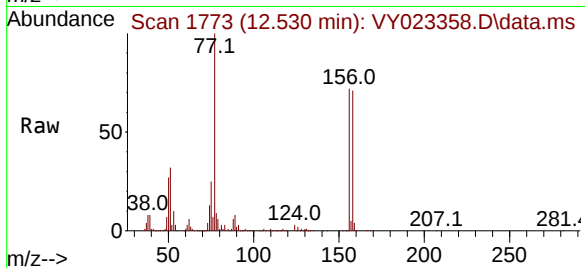
Tgt Ion:156 Resp: 123175

Ion Ratio Lower Upper

156 100

77 159.6 88.1 264.4

158 98.2 48.0 144.0



#78

n-propylbenzene

Concen: 19.748 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023358.D

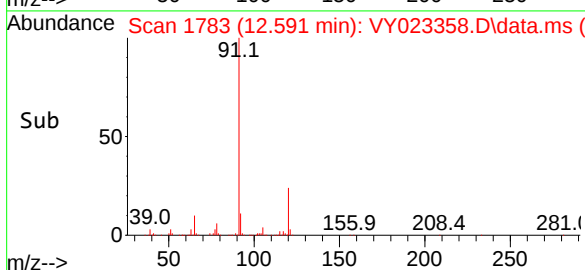
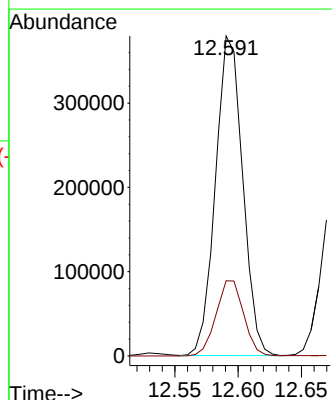
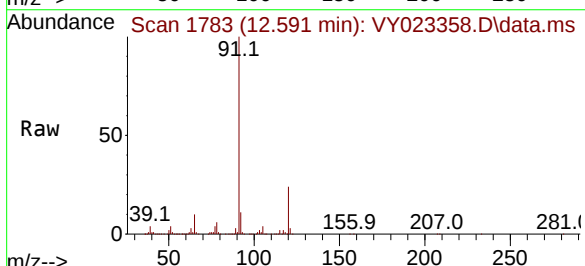
Acq: 12 Sep 2025 10:30

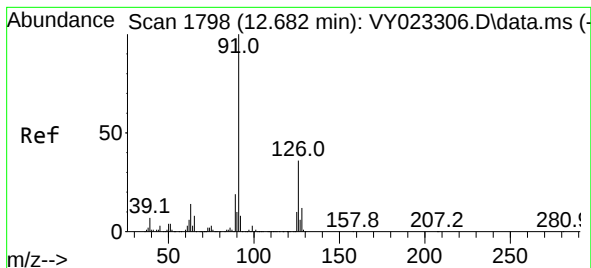
Tgt Ion: 91 Resp: 565985

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.5

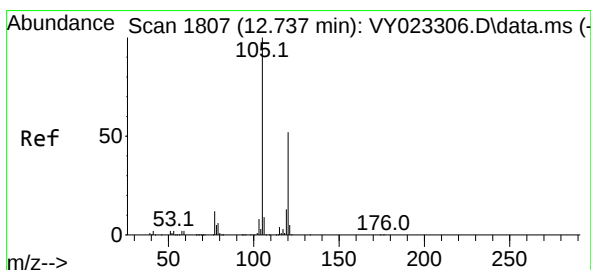
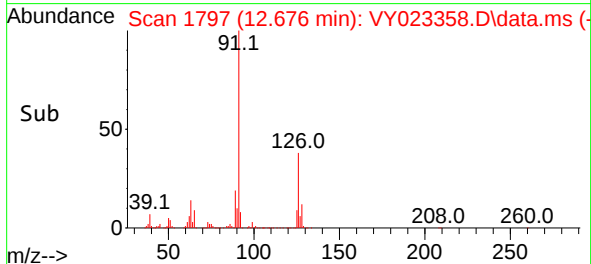
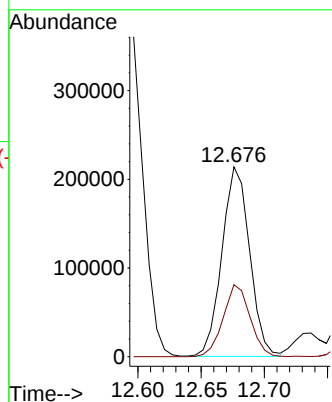
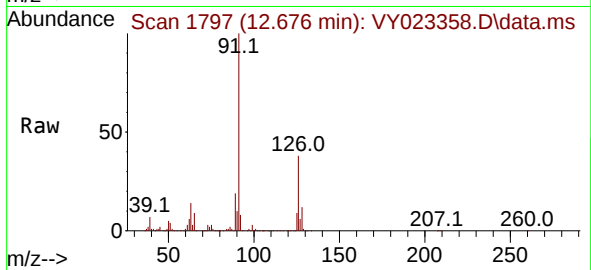




#79
2-Chlorotoluene
Concen: 19.686 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

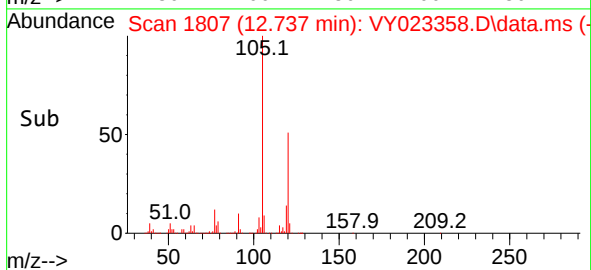
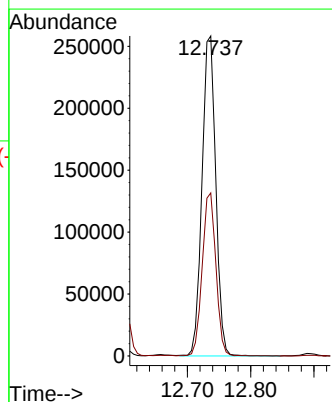
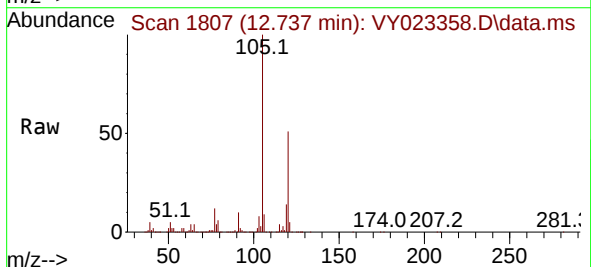
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

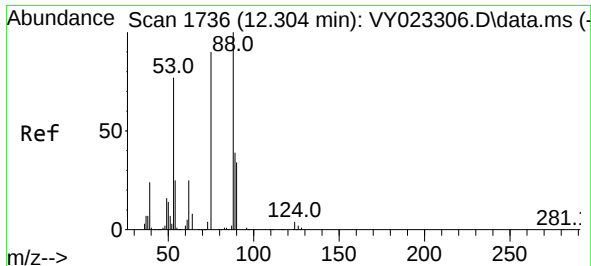
Tgt Ion: 91 Resp: 324984
Ion Ratio Lower Upper
91 100
126 37.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.773 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 105 Resp: 391065
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4

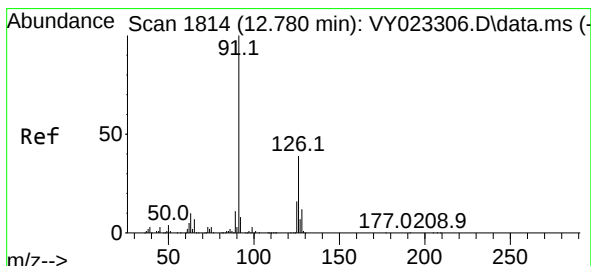
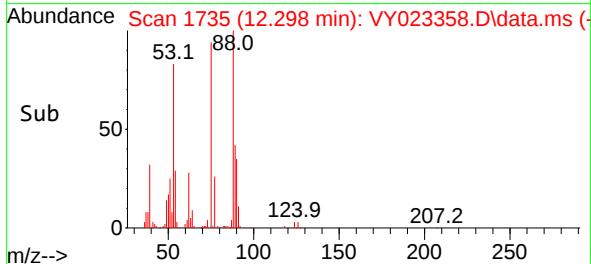
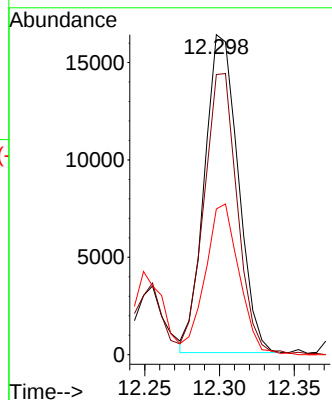
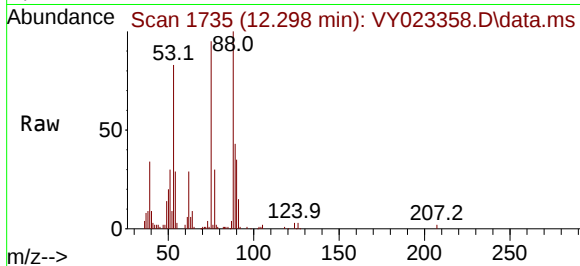




#81
trans-1,4-Dichloro-2-butene
Concen: 19.078 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

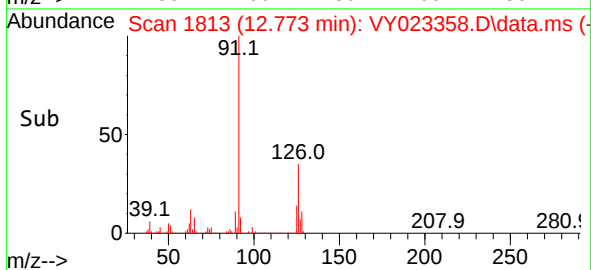
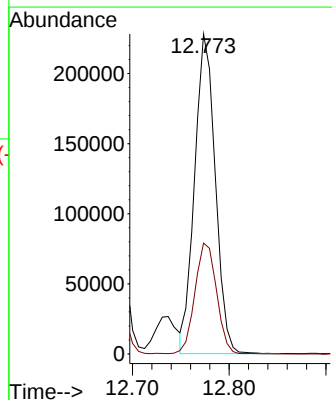
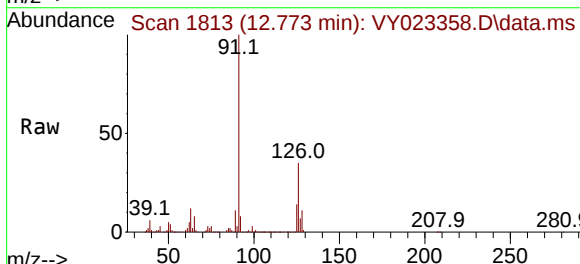
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

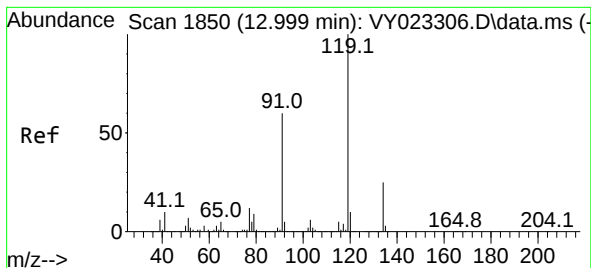
Tgt Ion: 75 Resp: 25576
Ion Ratio Lower Upper
75 100
53 87.9 70.8 106.2
89 47.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.598 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 91 Resp: 338512
Ion Ratio Lower Upper
91 100
126 36.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.548 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

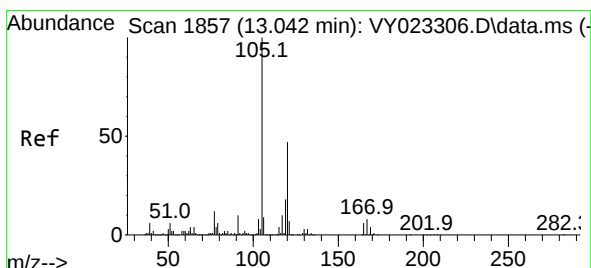
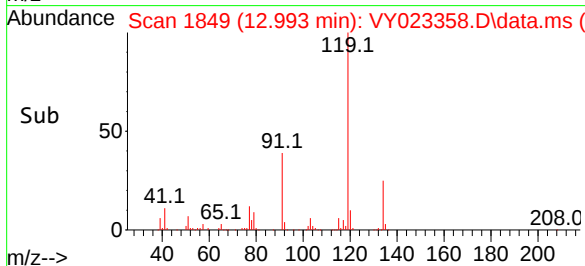
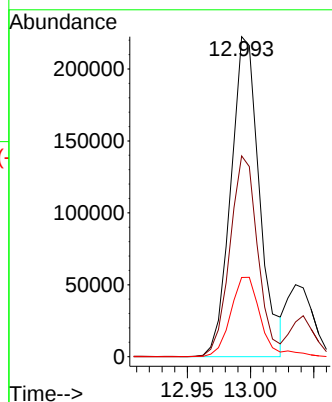
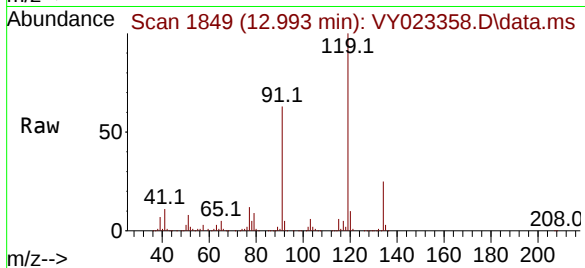
Tgt Ion:119 Resp: 350150

Ion Ratio Lower Upper

119 100

91 61.0 31.6 94.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.887 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023358.D

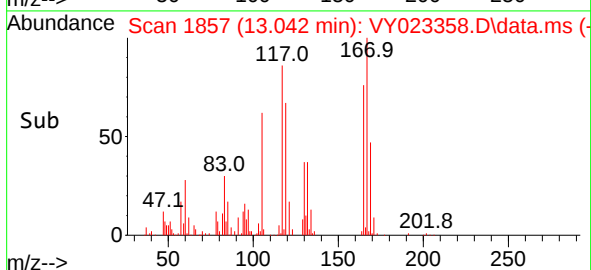
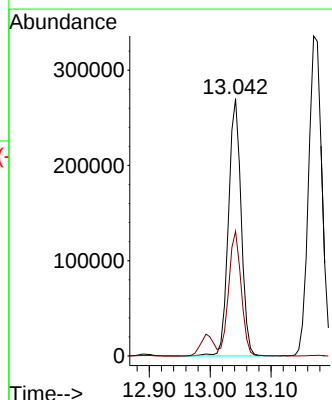
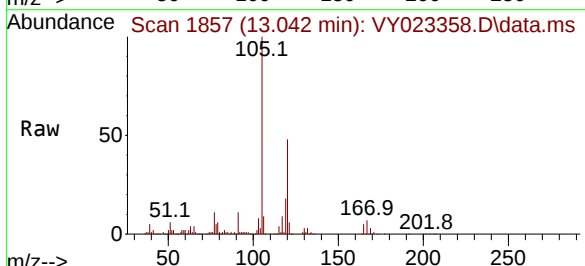
Acq: 12 Sep 2025 10:30

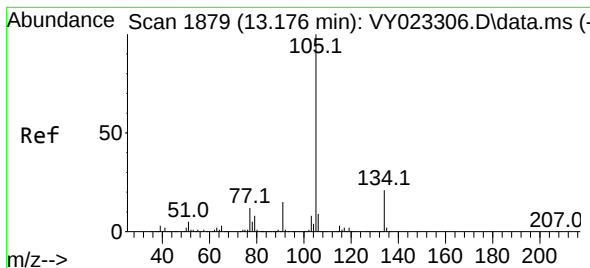
Tgt Ion:105 Resp: 389102

Ion Ratio Lower Upper

105 100

120 48.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.578 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

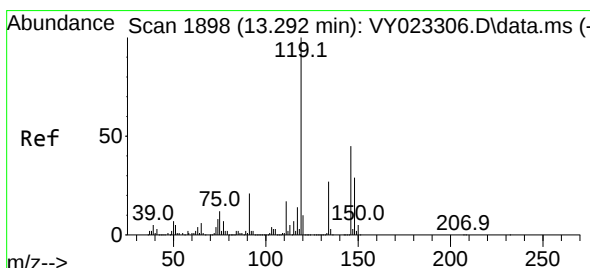
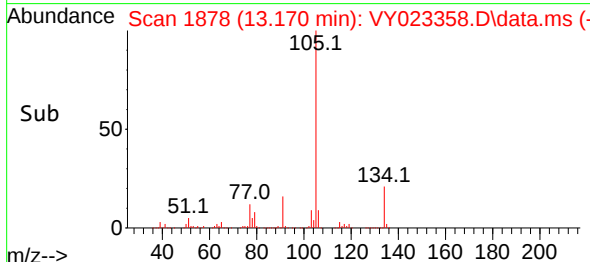
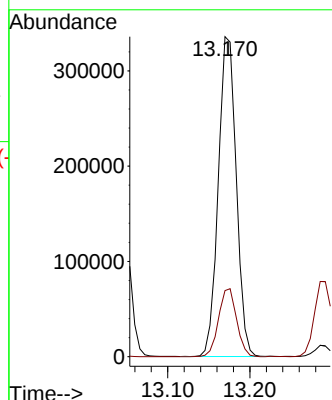
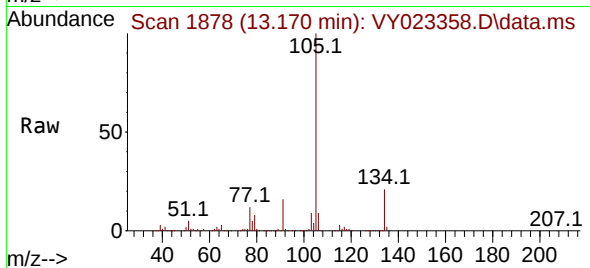
VY0912SBSD01

Tgt Ion:105 Resp: 510254

Ion Ratio Lower Upper

105 100

134 21.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.706 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

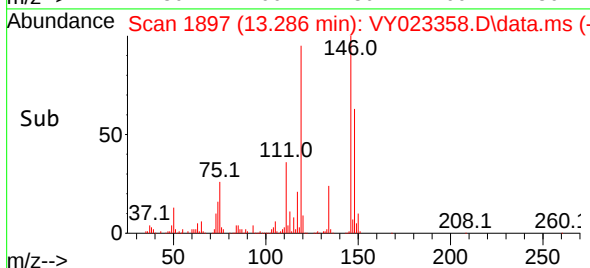
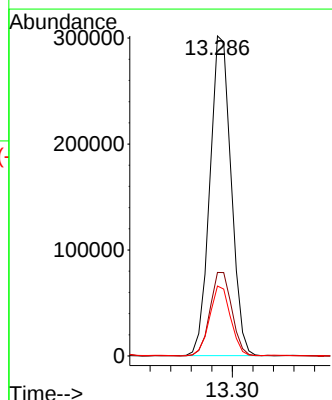
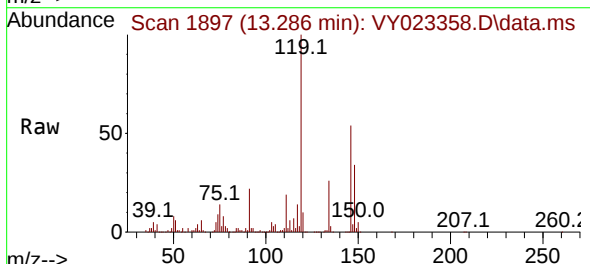
Tgt Ion:119 Resp: 433842

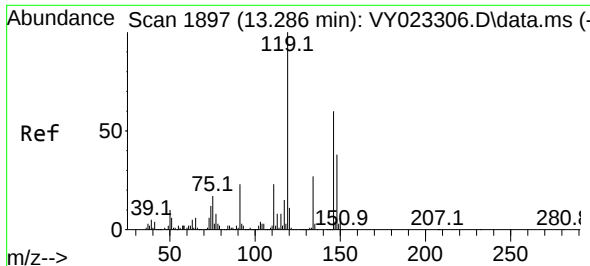
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 21.5 11.3 33.8

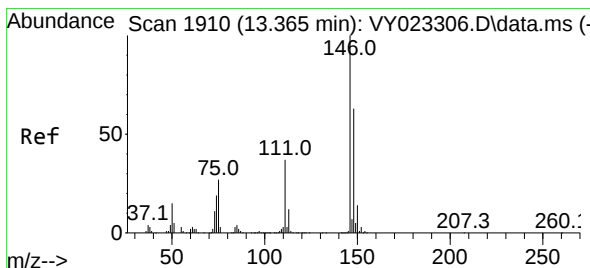
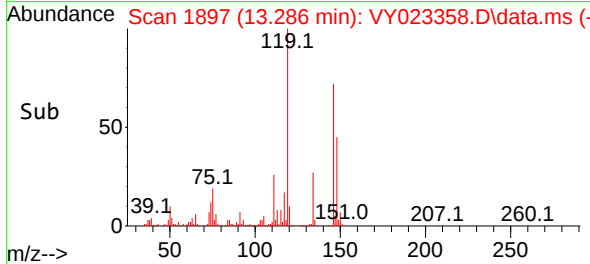
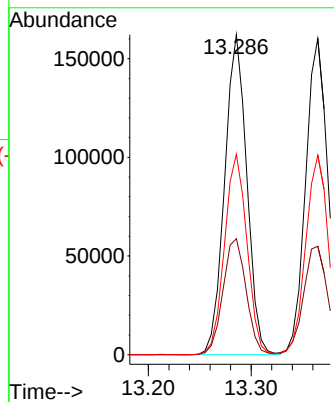
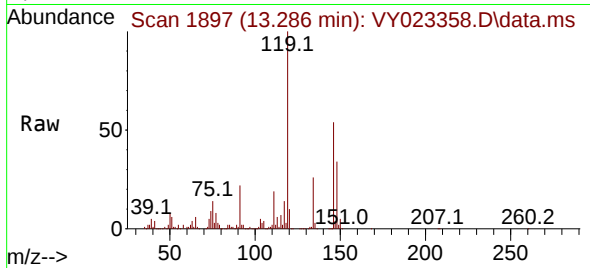




#87
1,3-Dichlorobenzene
Concen: 19.760 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

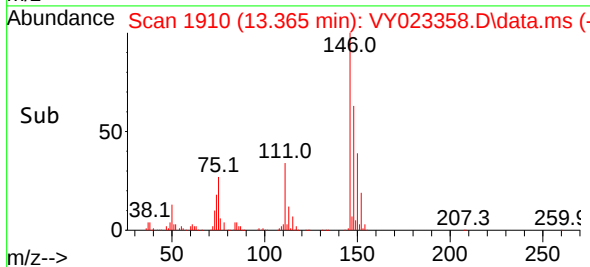
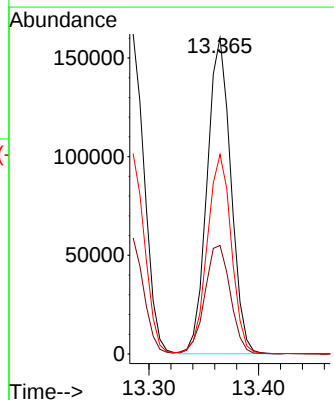
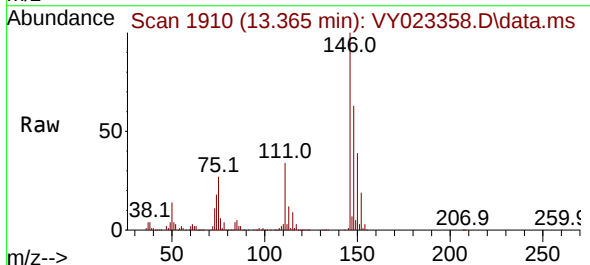
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

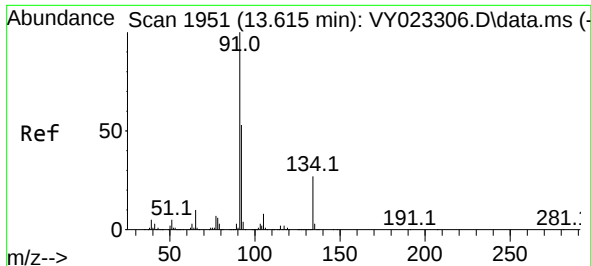
Tgt Ion:146 Resp: 242923
Ion Ratio Lower Upper
146 100
111 37.9 19.6 58.7
148 63.5 32.5 97.5



#88
1,4-Dichlorobenzene
Concen: 19.793 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion:146 Resp: 241013
Ion Ratio Lower Upper
146 100
111 37.3 19.1 57.1
148 64.0 31.6 94.7

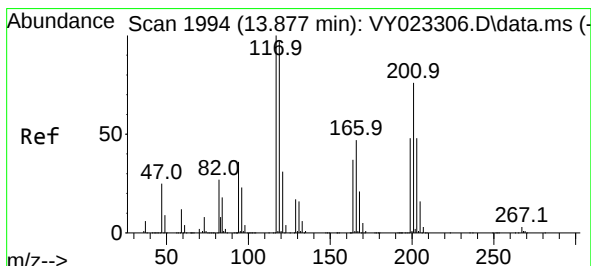
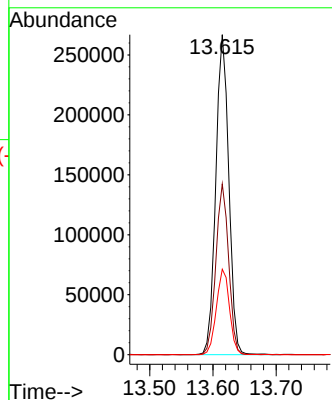
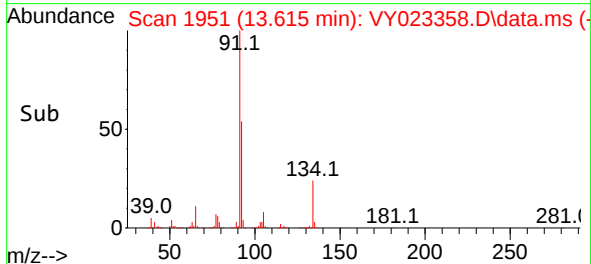
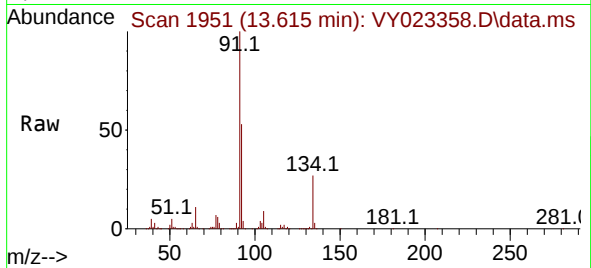




#89
n-Butylbenzene
Concen: 19.429 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

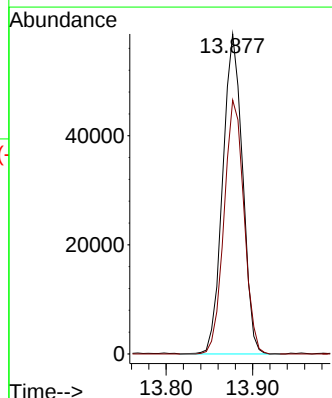
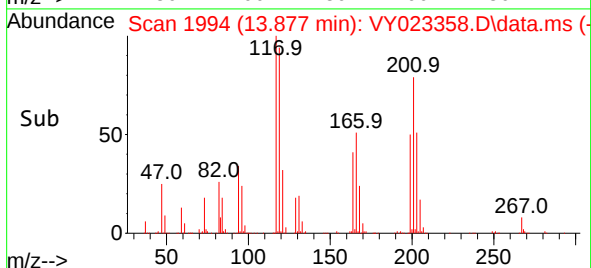
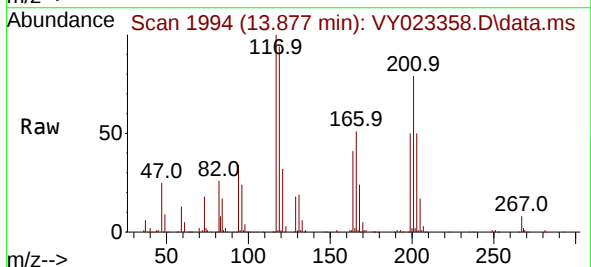
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

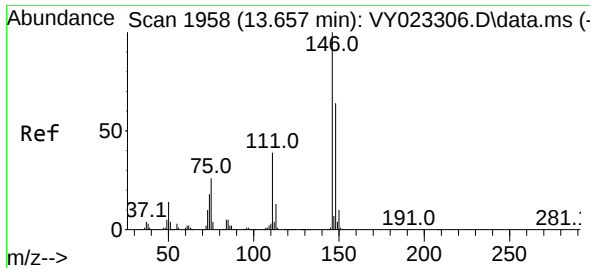
Tgt Ion: 91 Resp: 379341
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 26.9 13.2 39.5



#90
Hexachloroethane
Concen: 19.534 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion: 117 Resp: 93232
Ion Ratio Lower Upper
117 100
201 79.8 38.4 115.1

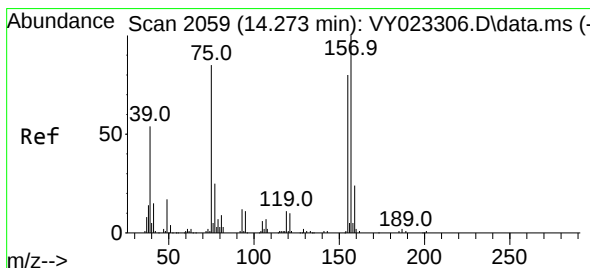
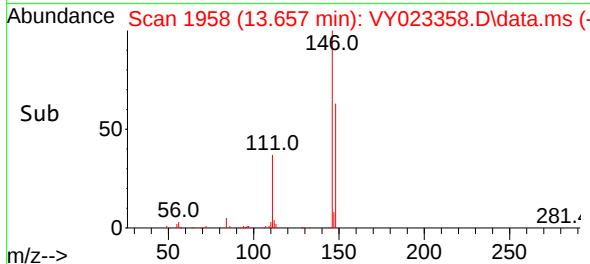
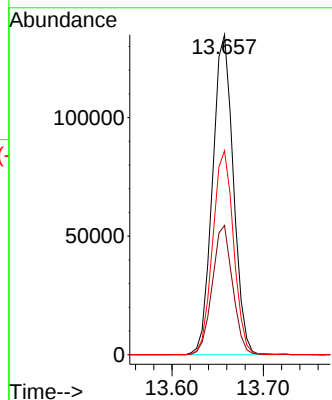
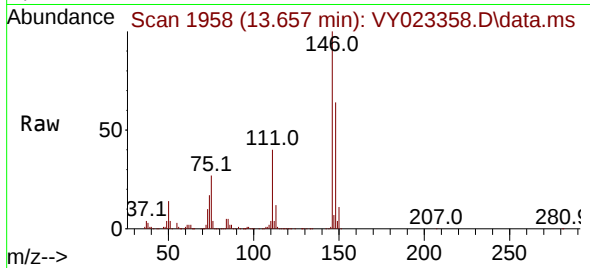




#91
 1,2-Dichlorobenzene
 Concen: 19.891 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

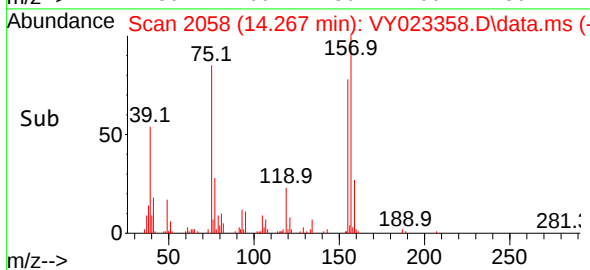
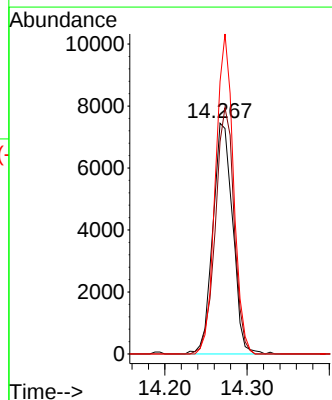
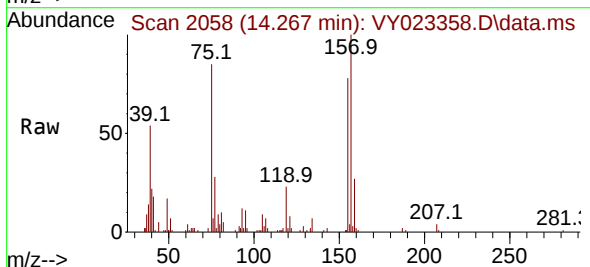
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBSD01

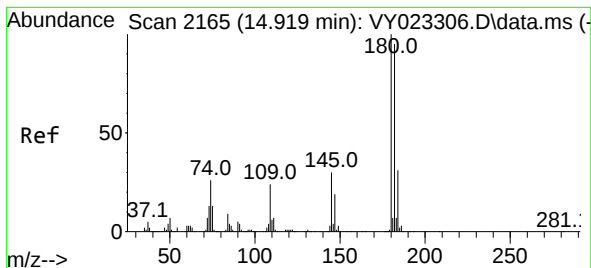
Tgt Ion:146 Resp: 213210
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 64.0 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.467 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY023358.D
 Acq: 12 Sep 2025 10:30

Tgt Ion: 75 Resp: 12466
 Ion Ratio Lower Upper
 75 100
 155 100.5 43.9 131.6
 157 124.9 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.384 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBSD01

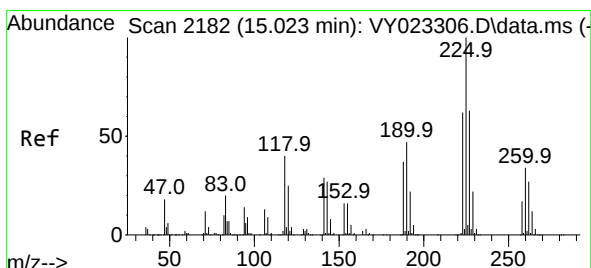
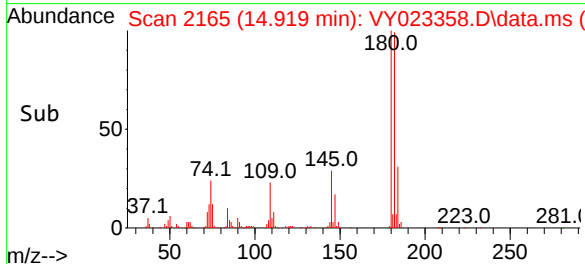
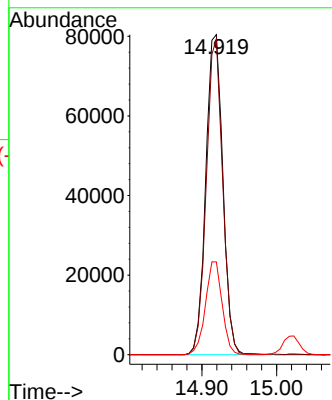
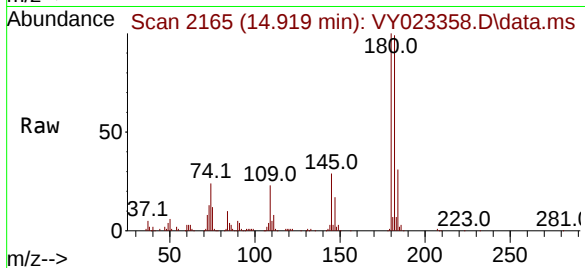
Tgt Ion:180 Resp: 127449

Ion Ratio Lower Upper

180 100

182 94.9 46.8 140.4

145 28.5 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.124 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023358.D

Acq: 12 Sep 2025 10:30

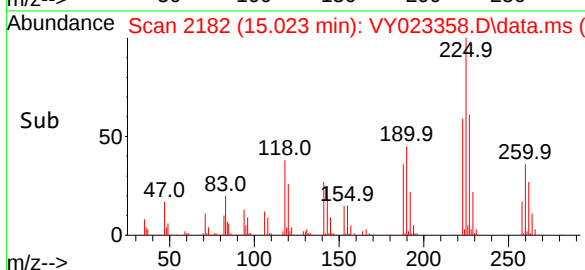
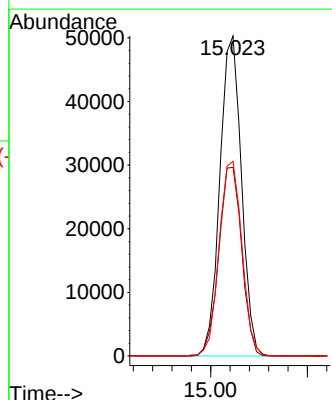
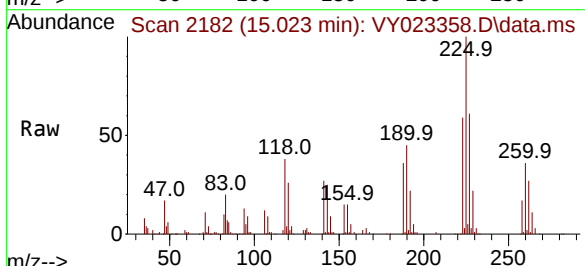
Tgt Ion:225 Resp: 77795

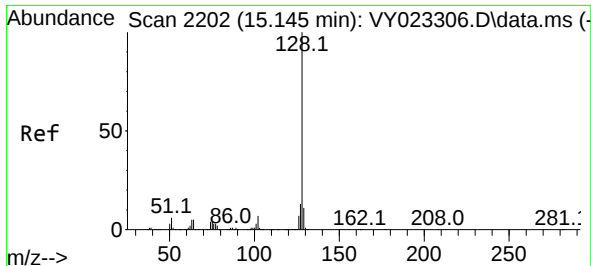
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 64.3 31.5 94.5

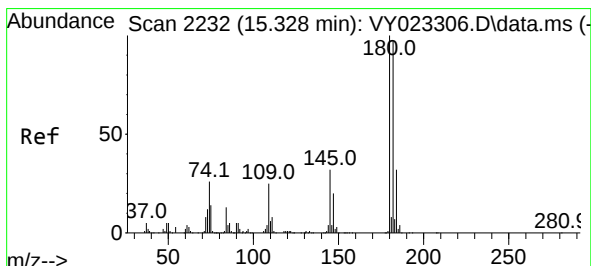
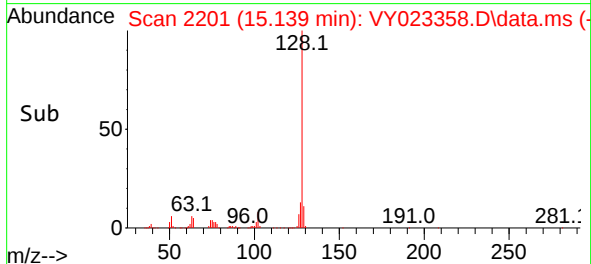
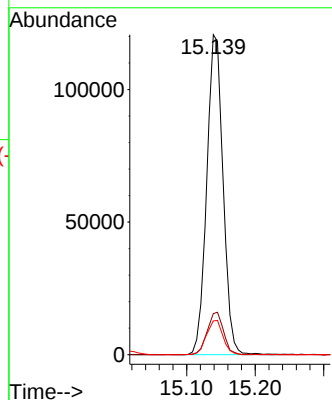
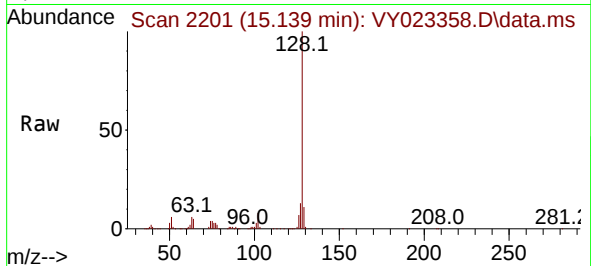




#95
Naphthalene
Concen: 19.946 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBSD01

Tgt Ion:128 Resp: 200449
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 20.968 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY023358.D
Acq: 12 Sep 2025 10:30

Tgt Ion:180 Resp: 113858
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.7
145 30.4 15.9 47.7

