

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
 Data File : VY023255.D
 Acq On : 02 Sep 2025 10:54
 Operator : SY/MD
 Sample : VY0902SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0902SBS01

Quant Time: Sep 03 03:28:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	455942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	701236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	619173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	320346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	218743	50.339	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.680%	
35) Dibromofluoromethane	7.640	113	231751	55.232	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.109	98	884490	53.959	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.402	95	281798	53.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	85341	22.931	ug/l	99
3) Chloromethane	2.074	50	121506	20.157	ug/l	99
4) Vinyl Chloride	2.208	62	155180	20.826	ug/l	100
5) Bromomethane	2.592	94	128710	23.129	ug/l	97
6) Chloroethane	2.739	64	106488	21.496	ug/l	95
7) Trichlorofluoromethane	3.056	101	198602	21.920	ug/l	98
8) Diethyl Ether	3.458	74	55366	23.097	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	102678	22.971	ug/l	96
10) Methyl Iodide	4.007	142	110729	22.957	ug/l	98
11) Tert butyl alcohol	4.860	59	29331	98.510	ug/l #	85
12) 1,1-Dichloroethene	3.793	96	96849	22.043	ug/l	93
13) Acrolein	3.659	56	20449	46.896	ug/l	96
14) Allyl chloride	4.385	41	125087	19.348	ug/l	97
15) Acrylonitrile	5.061	53	104036	106.755	ug/l	98
16) Acetone	3.873	43	126209	134.063	ug/l	97
17) Carbon Disulfide	4.110	76	298271	20.820	ug/l	98
18) Methyl Acetate	4.391	43	58229	20.785	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	233646	20.522	ug/l	99
20) Methylene Chloride	4.616	84	147200	28.946	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	109083	22.093	ug/l	92
22) Diisopropyl ether	6.019	45	284440	20.247	ug/l	95
23) Vinyl Acetate	5.964	43	767489	98.800	ug/l	99
24) 1,1-Dichloroethane	5.915	63	184238	21.450	ug/l	99
25) 2-Butanone	6.896	43	151951	118.678	ug/l	100
26) 2,2-Dichloropropane	6.890	77	161696	21.817	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	124121	21.745	ug/l	96
28) Bromochloromethane	7.250	49	70910	20.809	ug/l	90
29) Tetrahydrofuran	7.268	42	80464	101.386	ug/l	98
30) Chloroform	7.421	83	199275	22.496	ug/l	97
31) Cyclohexane	7.707	56	156550	19.342	ug/l	92
32) 1,1,1-Trichloroethane	7.622	97	176198	22.417	ug/l	98
36) 1,1-Dichloropropene	7.835	75	136472	21.885	ug/l	98
37) Ethyl Acetate	6.988	43	56370	21.520	ug/l	99
38) Carbon Tetrachloride	7.823	117	156753	23.144	ug/l	96
39) Methylcyclohexane	9.109	83	174855	21.293	ug/l	98
40) Benzene	8.085	78	432067	22.481	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	29778	19.698	ug/l	92
42) 1,2-Dichloroethane	8.158	62	111597	22.325	ug/l	98
43) Isopropyl Acetate	8.201	43	107847	20.370	ug/l	98
44) Trichloroethene	8.866	130	120465	24.254	ug/l	99
45) 1,2-Dichloropropane	9.146	63	98531	22.281	ug/l	98
46) Dibromomethane	9.231	93	59403	23.403	ug/l	96
47) Bromodichloromethane	9.426	83	150811	23.091	ug/l	99
48) Methyl methacrylate	9.219	41	51961	20.510	ug/l	96
49) 1,4-Dioxane	9.231	88	12026	404.079	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	286299	104.833	ug/l	98
52) Toluene	10.170	92	278819	22.841	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	129589	21.911	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	156143	22.327	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	81143	23.891	ug/l	98
56) Ethyl methacrylate	10.438	69	88482	20.359	ug/l	97
57) 1,3-Dichloropropane	10.719	76	129653	22.509	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	203660	99.345	ug/l	97
59) 2-Hexanone	10.762	43	209125	112.455	ug/l	98
60) Dibromochloromethane	10.914	129	108207	24.145	ug/l	100
61) 1,2-Dibromoethane	11.018	107	74762	23.420	ug/l	99
64) Tetrachloroethene	10.646	164	145392	26.297	ug/l	99
65) Chlorobenzene	11.438	112	308324	23.086	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	107213	23.653	ug/l	99
67) Ethyl Benzene	11.518	91	504531	21.952	ug/l	99
68) m/p-Xylenes	11.627	106	408039	45.456	ug/l	97
69) o-Xylene	11.956	106	186541	22.188	ug/l	98
70) Styrene	11.969	104	316262	23.002	ug/l	98
71) Bromoform	12.133	173	65321	24.657	ug/l	99
73) Isopropylbenzene	12.255	105	486448	21.515	ug/l	99
74) N-amyl acetate	12.072	43	93069	19.410	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	82523	21.376	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	110565	35.762	ug/l #	100
77) Bromobenzene	12.530	156	123390	22.876	ug/l	94
78) n-propylbenzene	12.597	91	586750	21.797	ug/l	99
79) 2-Chlorotoluene	12.682	91	337780	21.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	403714	22.094	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26136	20.464	ug/l	99
82) 4-Chlorotoluene	12.779	91	349101	21.819	ug/l	97
83) tert-Butylbenzene	12.999	119	355521	21.542	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	400669	22.027	ug/l	99
85) sec-Butylbenzene	13.176	105	525239	21.665	ug/l	98
86) p-Isopropyltoluene	13.292	119	447634	22.245	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	249548	23.460	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	240974	22.837	ug/l	98
89) n-Butylbenzene	13.615	91	390272	21.116	ug/l	99
90) Hexachloroethane	13.877	117	95536	23.191	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	217175	23.280	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12891	21.447	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	127945	23.193	ug/l	99
94) Hexachlorobutadiene	15.023	225	78957	24.357	ug/l	99
95) Naphthalene	15.139	128	196830	20.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	109447	23.024	ug/l	99

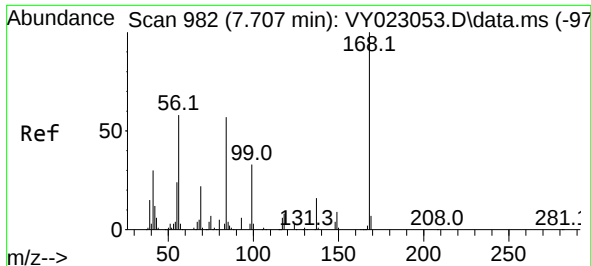
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Response via : Initial Calibration

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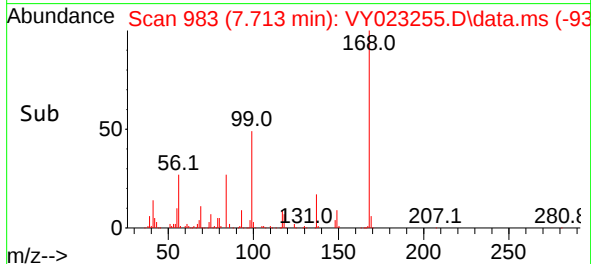
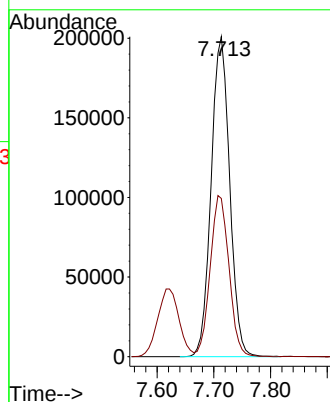
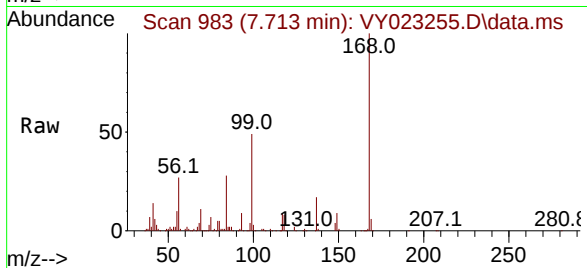
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

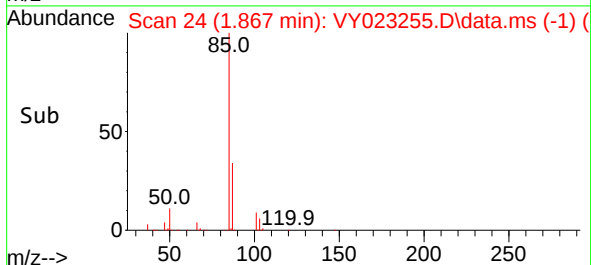
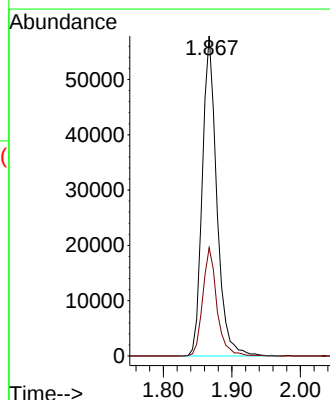
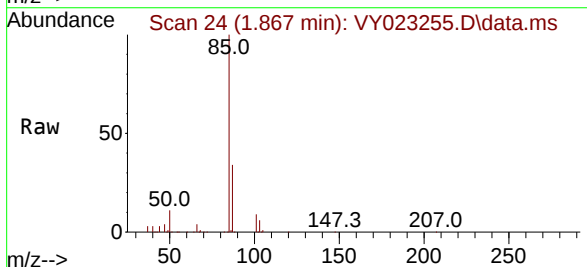
Instrument :
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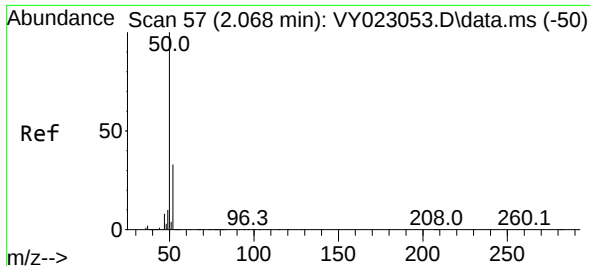
Tgt Ion:168 Resp: 455942
Ion Ratio Lower Upper
168 100
99 49.4 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 22.931 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 85 Resp: 85341
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.8

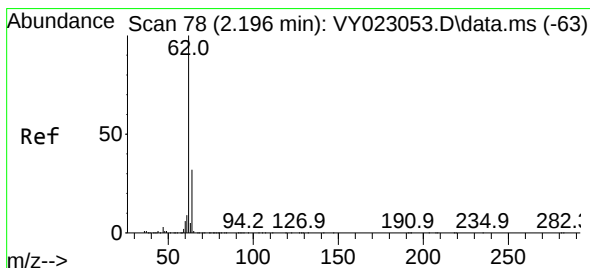
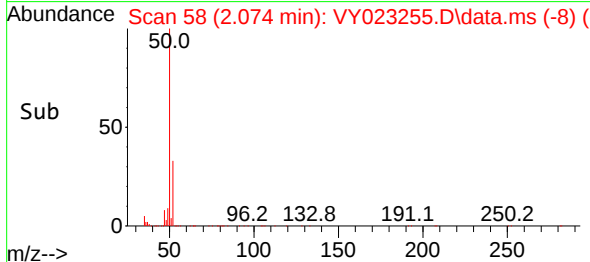
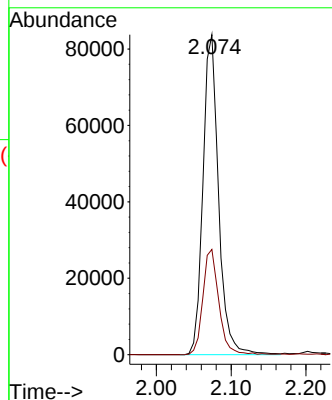
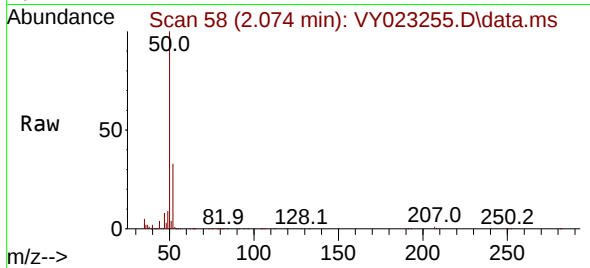




#3
Chloromethane
Concen: 20.157 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

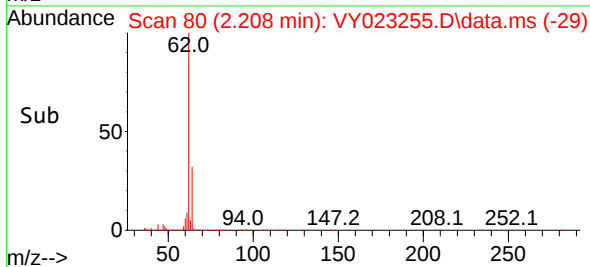
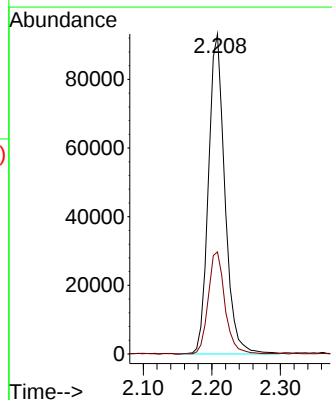
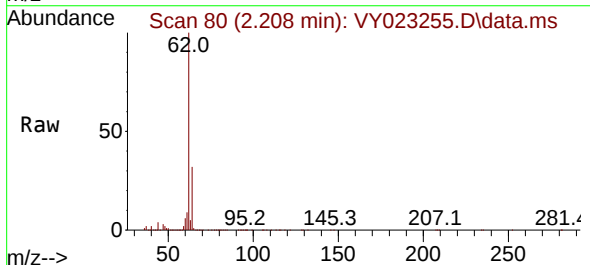
Instrument :
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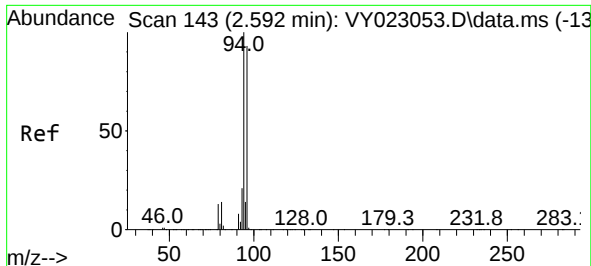
Tgt Ion: 50 Resp: 121506
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 20.826 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 62 Resp: 155180
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

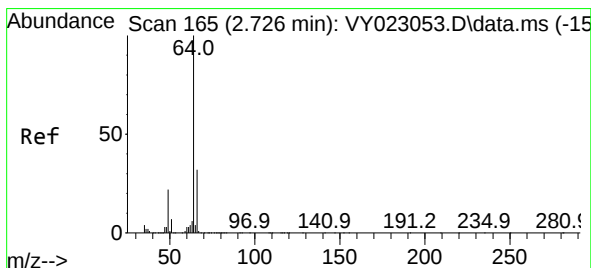
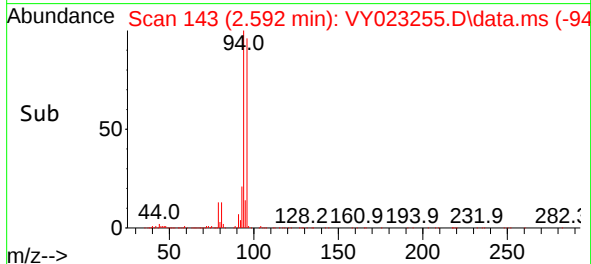
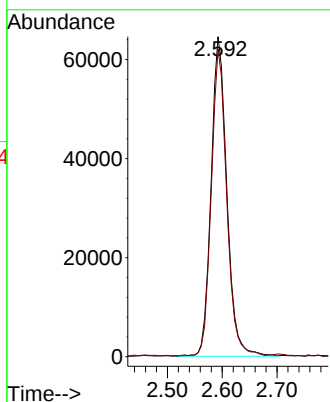
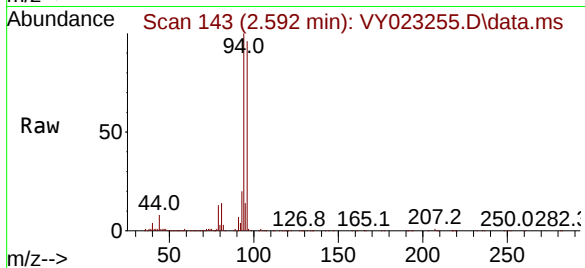




#5
Bromomethane
Concen: 23.129 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

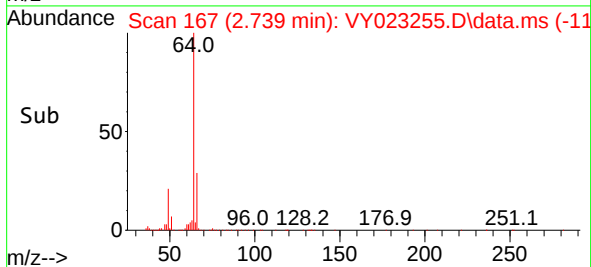
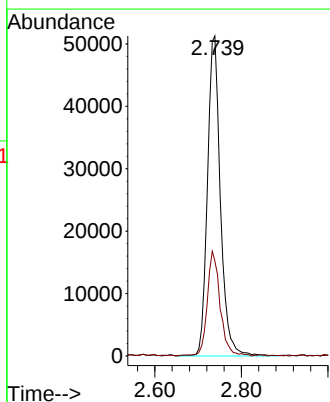
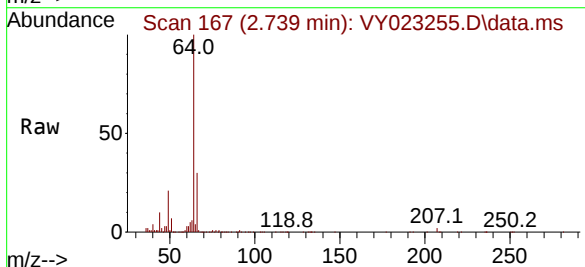
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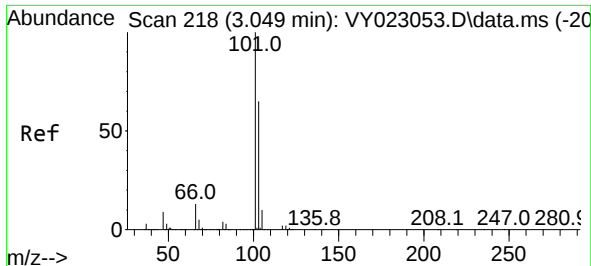
Tgt Ion: 94 Resp: 128710
Ion Ratio Lower Upper
94 100
96 96.0 74.6 112.0



#6
Chloroethane
Concen: 21.496 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 64 Resp: 106488
Ion Ratio Lower Upper
64 100
66 29.6 25.8 38.6

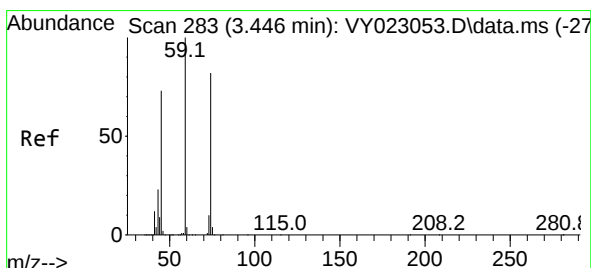
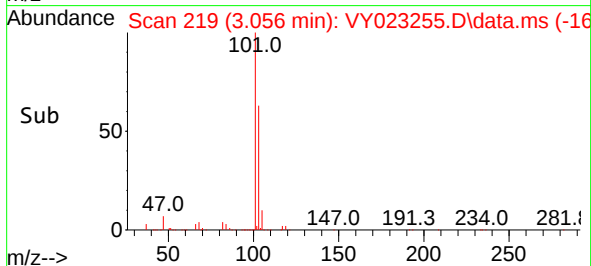
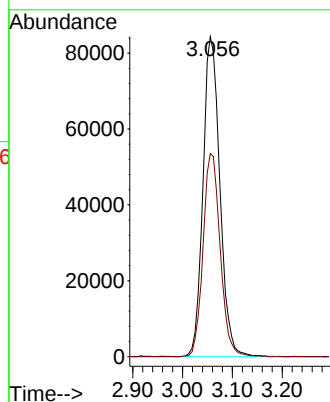
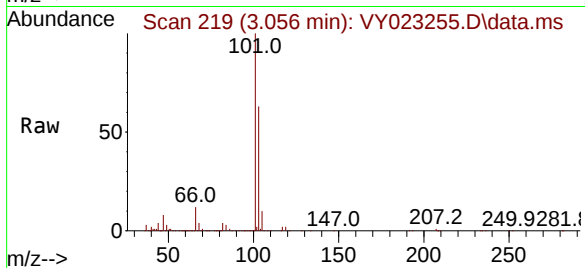




#7
Trichlorofluoromethane
Concen: 21.920 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

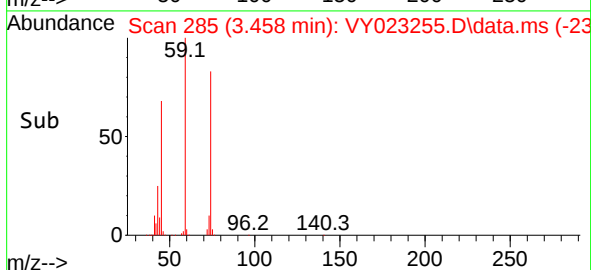
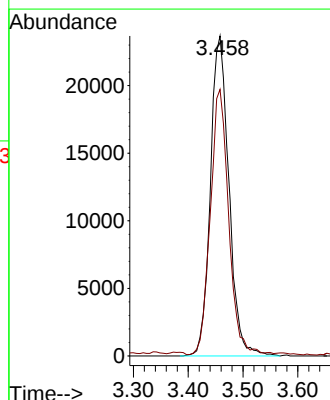
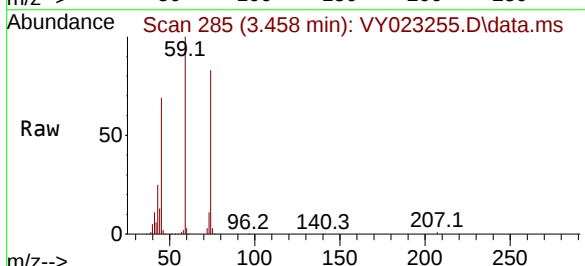
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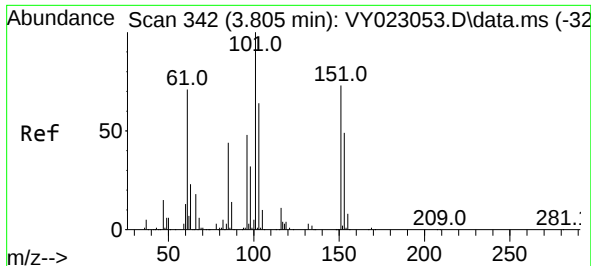
Tgt Ion:101 Resp: 198602
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9



#8
Diethyl Ether
Concen: 23.097 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 74 Resp: 55366
Ion Ratio Lower Upper
74 100
45 82.1 44.4 133.2

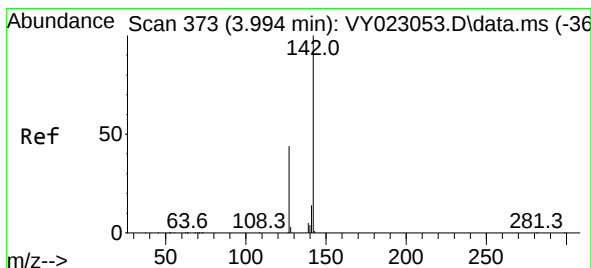
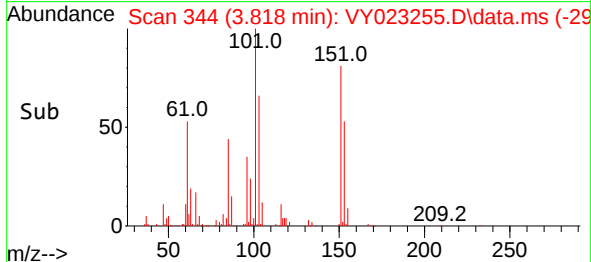
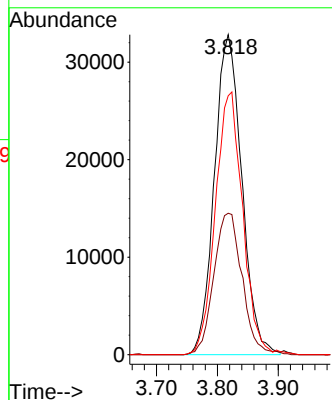
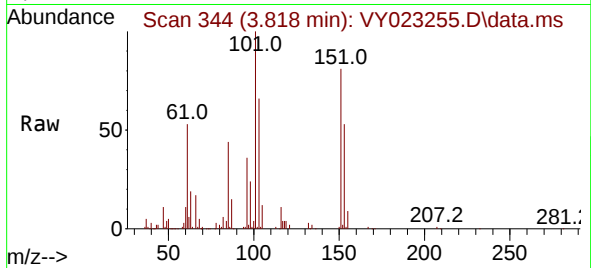




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.971 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023255.D
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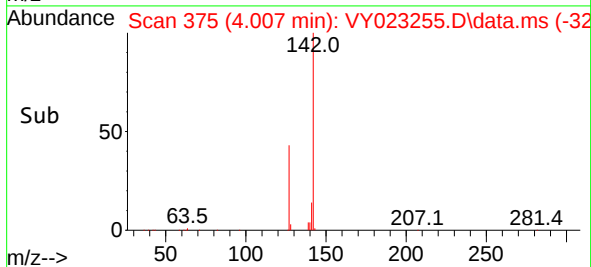
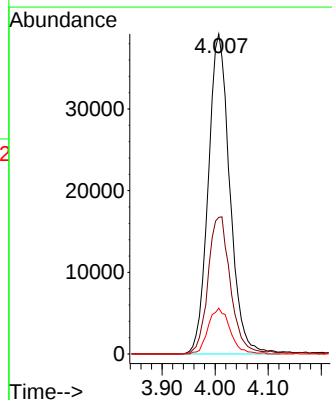
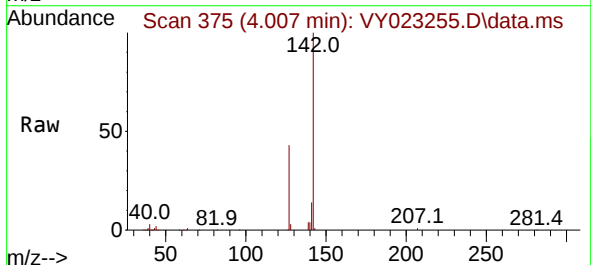
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ClientSampleId :
VY0902SBSD01

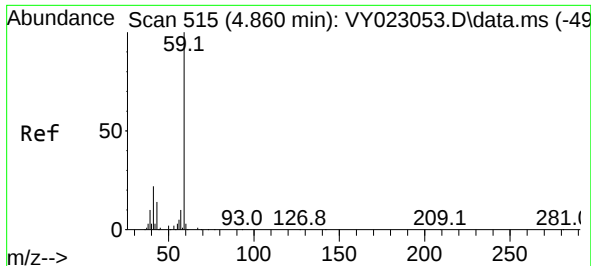
Tgt Ion:101 Resp: 102678
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 82.0 61.5 92.3



#10
Methyl Iodide
Concen: 22.957 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion:142 Resp: 110729
Ion Ratio Lower Upper
142 100
127 45.0 34.9 52.3
141 14.5 11.3 16.9





#11

Tert butyl alcohol

Concen: 98.510 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

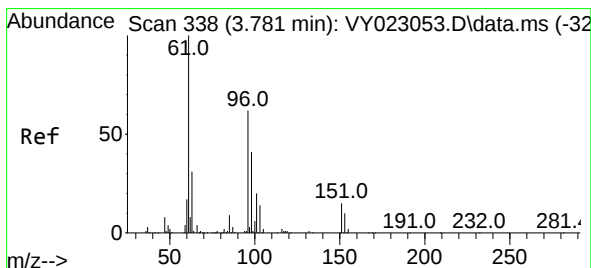
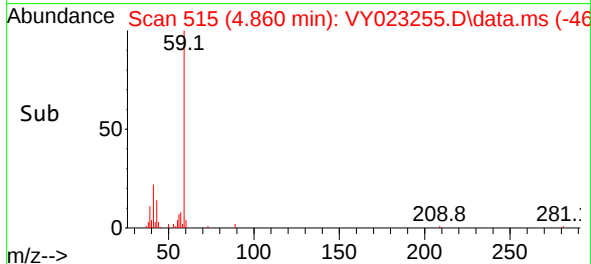
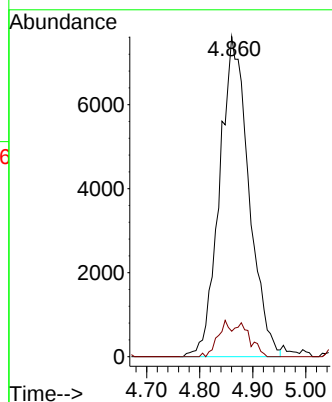
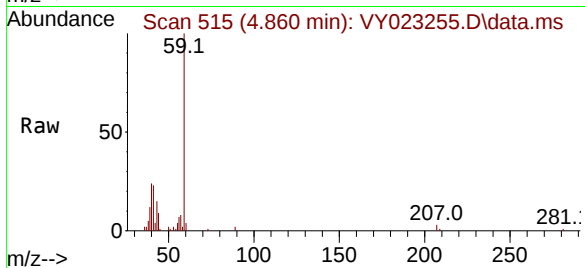
VY0902SBS01

Tgt Ion: 59 Resp: 29331

Ion Ratio Lower Upper

59 100

57 5.1 8.6 13.0#



#12

1,1-Dichloroethene

Concen: 22.043 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

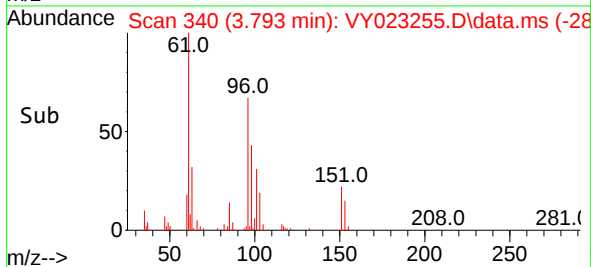
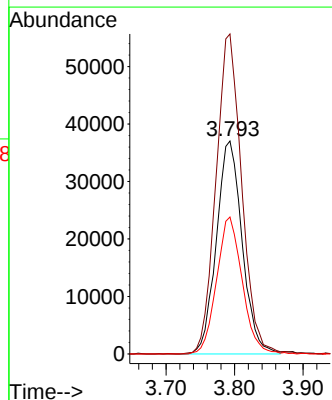
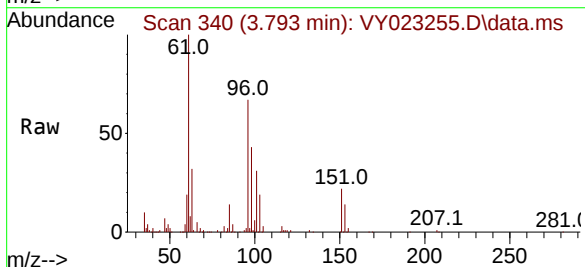
Tgt Ion: 96 Resp: 96849

Ion Ratio Lower Upper

96 100

61 150.2 129.4 194.2

98 64.3 52.8 79.2

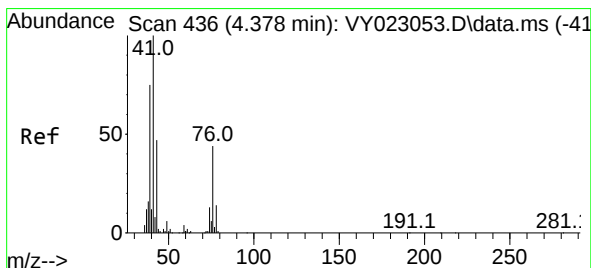
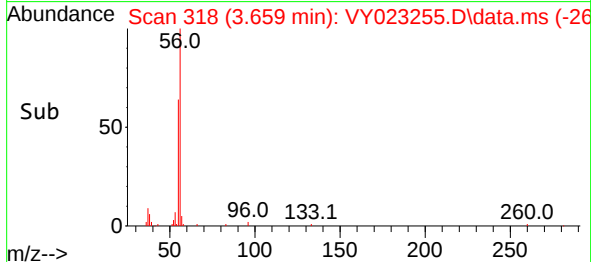
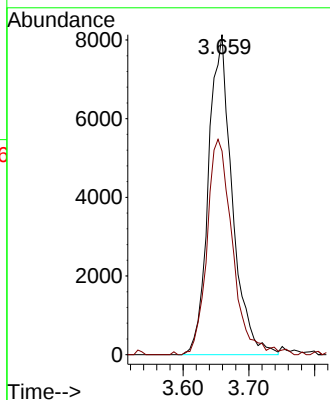
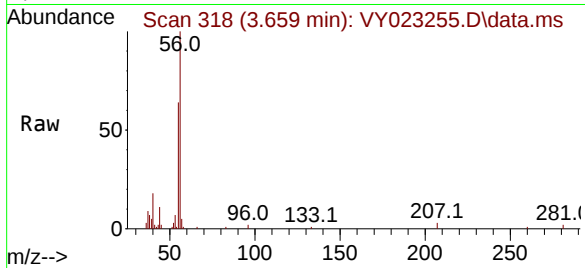




#13
Acrolein
Concen: 46.896 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

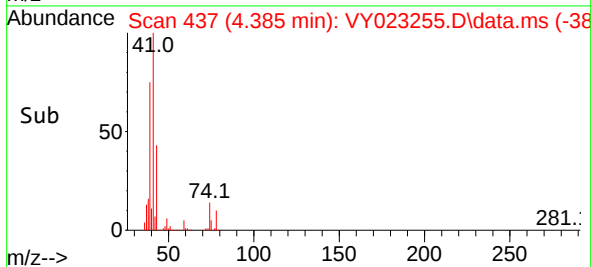
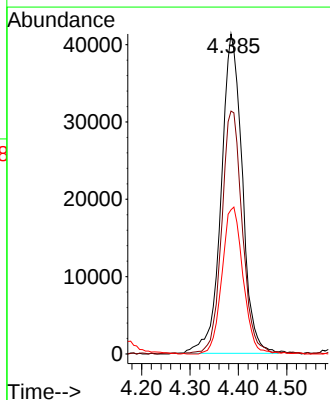
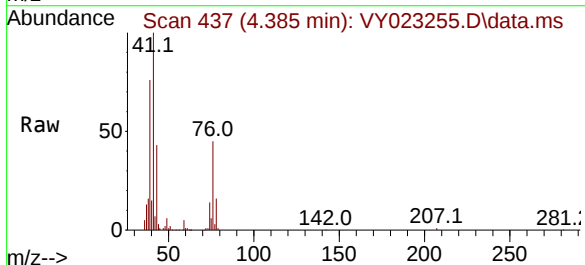
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

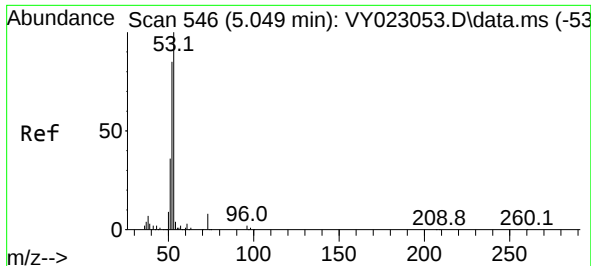
Tgt Ion: 56 Resp: 20449
Ion Ratio Lower Upper
56 100
55 72.5 55.2 82.8



#14
Allyl chloride
Concen: 19.348 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 41 Resp: 125087
Ion Ratio Lower Upper
41 100
39 73.9 59.8 89.6
76 45.8 33.7 50.5

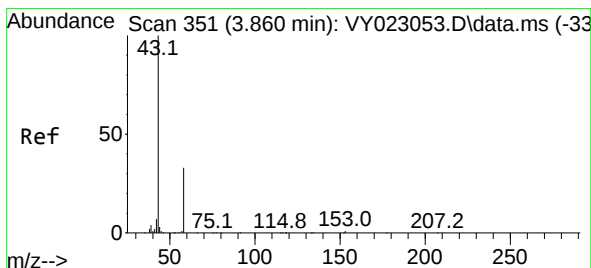
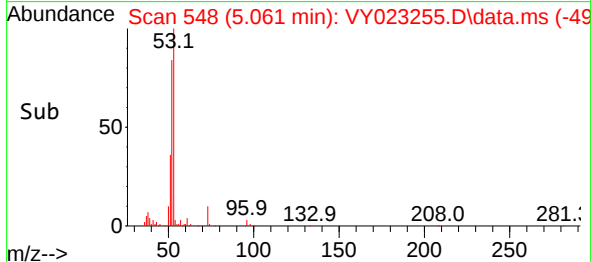
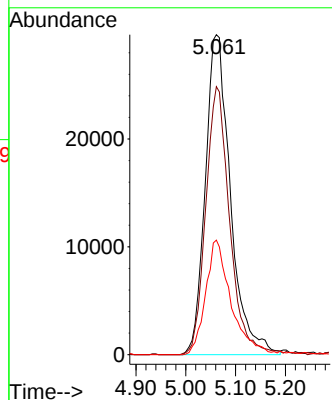
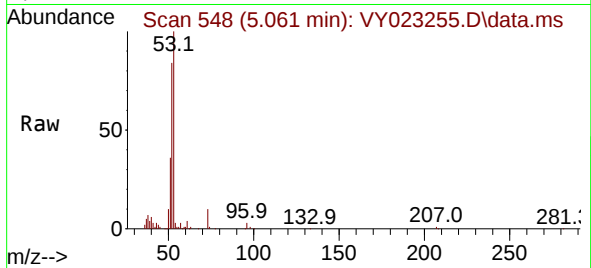




#15
Acrylonitrile
Concen: 106.755 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

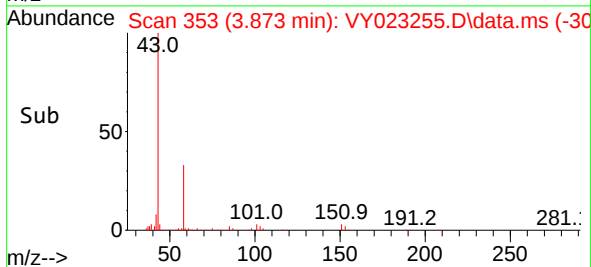
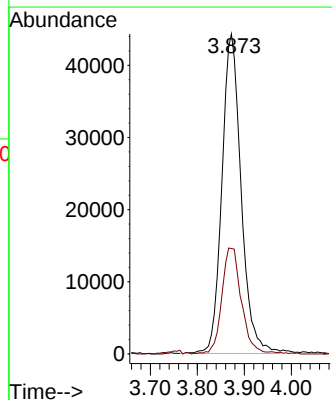
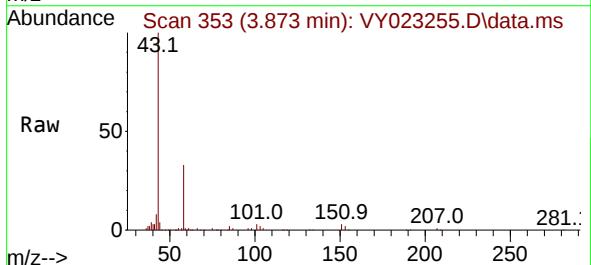
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

Tgt Ion: 53 Resp: 104036
Ion Ratio Lower Upper
53 100
52 79.6 65.3 97.9
51 36.1 29.5 44.3



#16
Acetone
Concen: 134.063 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 43 Resp: 126209
Ion Ratio Lower Upper
43 100
58 32.5 27.1 40.7

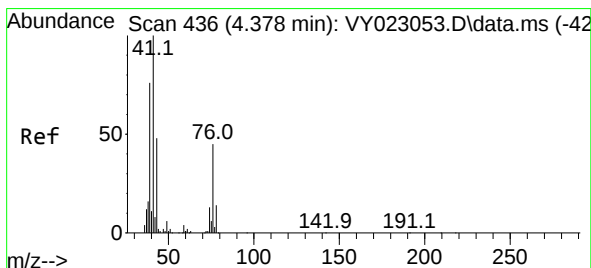
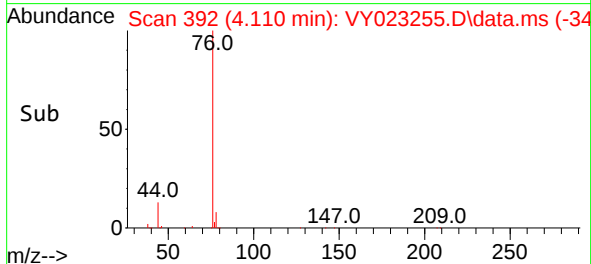
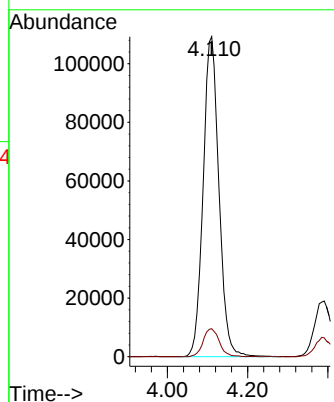
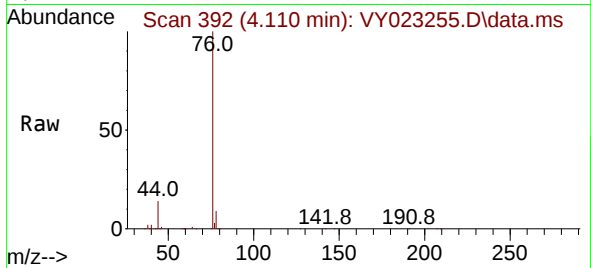




#17
Carbon Disulfide
Concen: 20.820 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

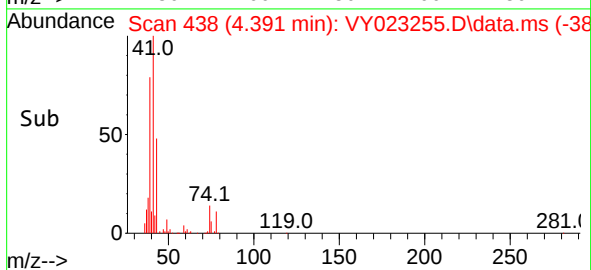
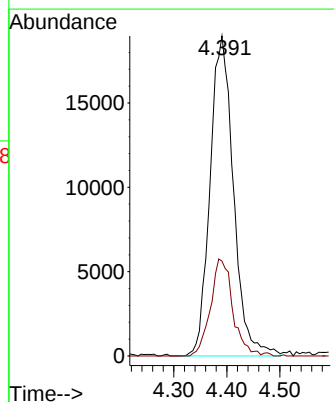
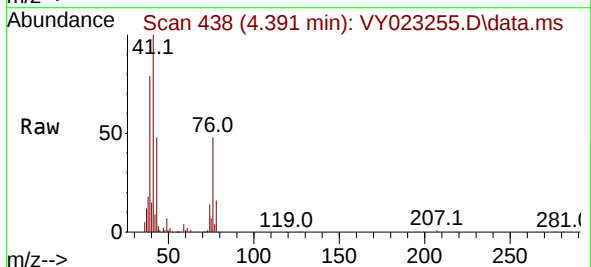
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

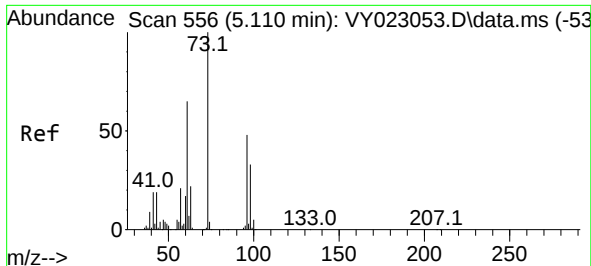
Tgt Ion: 76 Resp: 298271
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 20.785 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 43 Resp: 58229
Ion Ratio Lower Upper
43 100
74 29.0 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.522 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

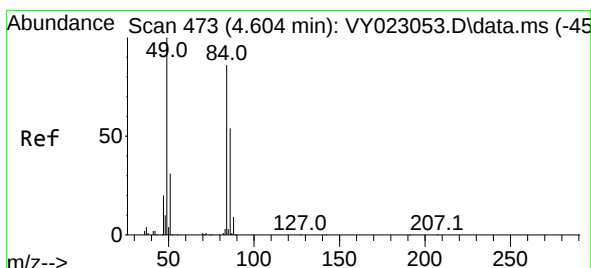
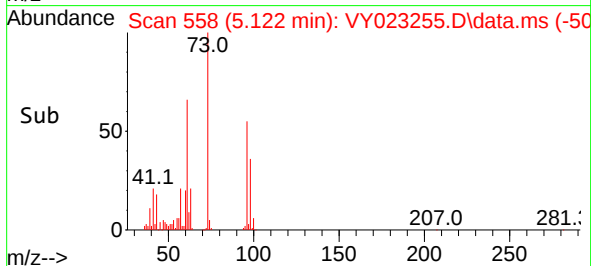
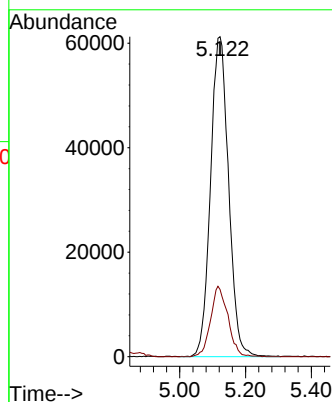
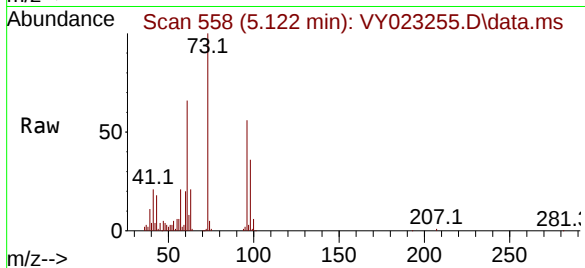
VY0902SBSD01

Tgt Ion: 73 Resp: 233646

Ion Ratio Lower Upper

73 100

57 21.0 17.1 25.7



#20

Methylene Chloride

Concen: 28.946 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Tgt Ion: 84 Resp: 147200

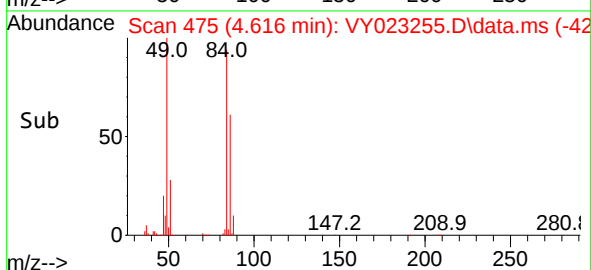
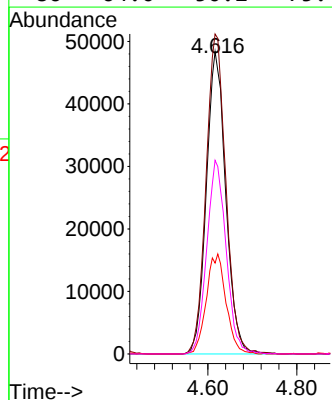
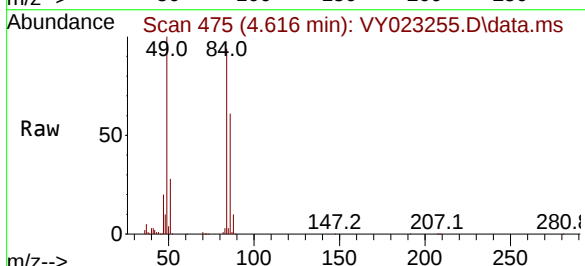
Ion Ratio Lower Upper

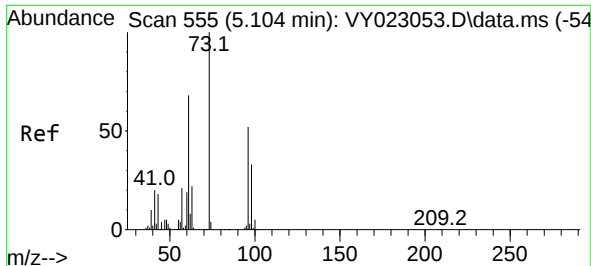
84 100

49 105.8 93.0 139.6

51 30.1 29.0 43.4

86 64.0 50.2 75.4

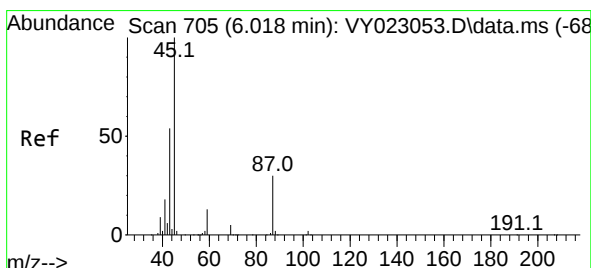
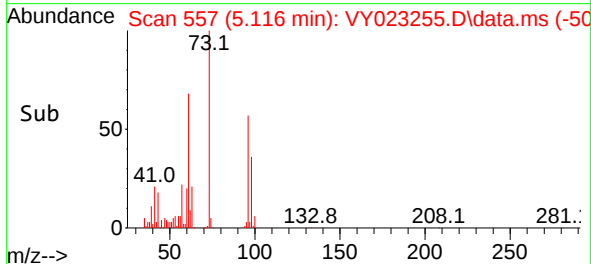
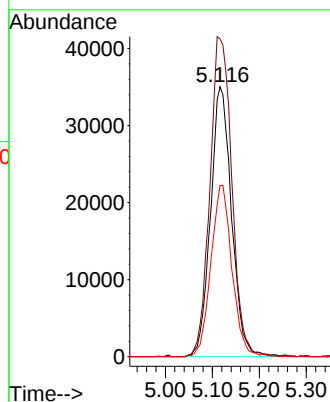
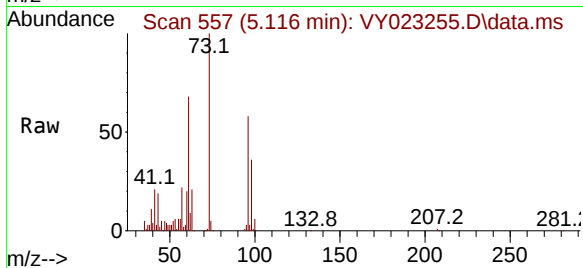




#21
trans-1,2-Dichloroethene
Concen: 22.093 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

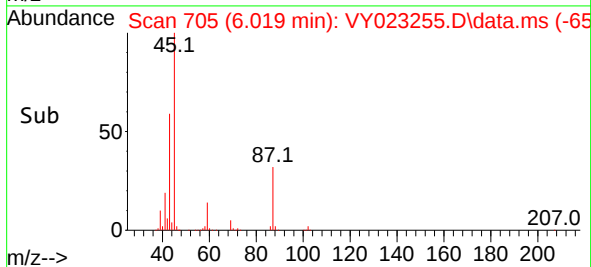
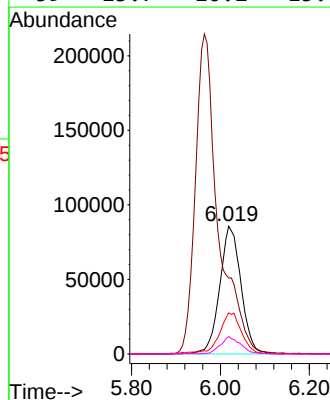
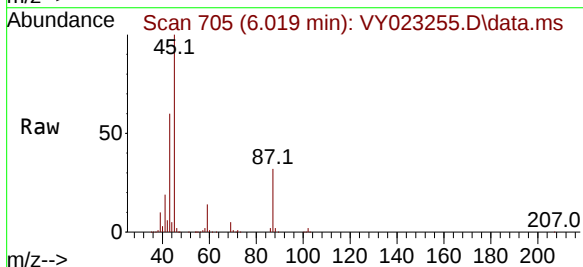
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 96 Resp: 109083
Ion Ratio Lower Upper
96 100
61 117.7 104.8 157.2
98 63.4 50.1 75.1



#22
Diisopropyl ether
Concen: 20.247 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 45 Resp: 284440
Ion Ratio Lower Upper
45 100
43 58.7 43.4 65.0
87 32.3 24.4 36.6
59 13.7 10.2 15.4

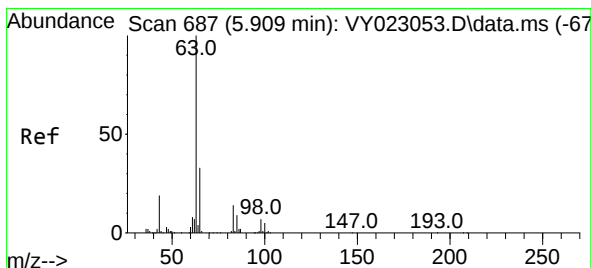
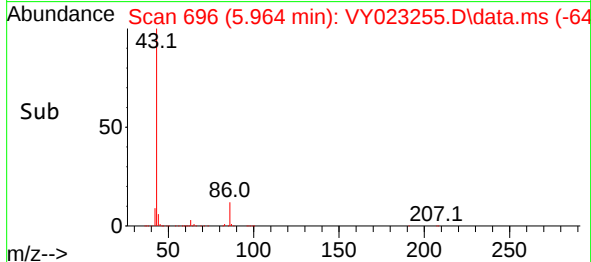
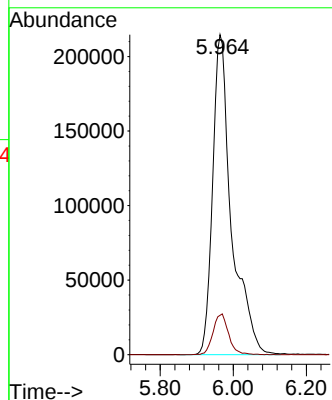
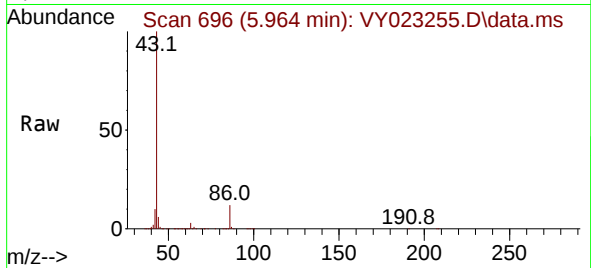




#23
 Vinyl Acetate
 Concen: 98.800 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023255.D
 Acq: 02 Sep 2025 10:54

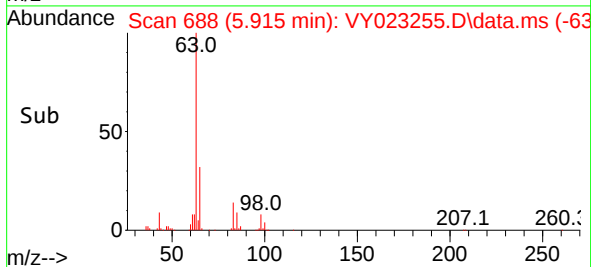
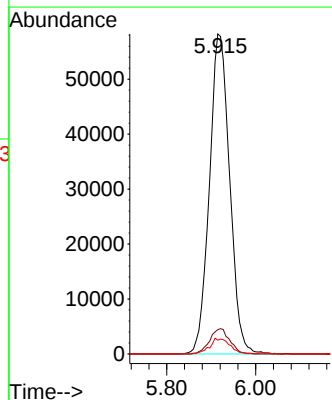
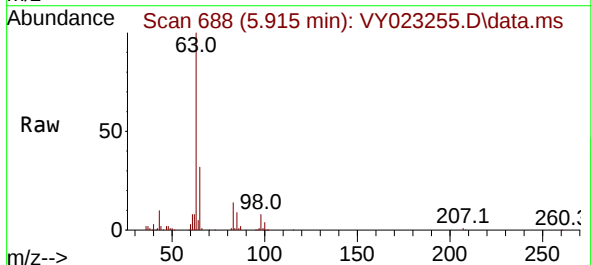
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0902SBS01

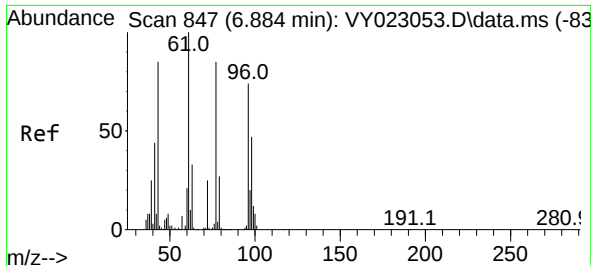
Tgt Ion: 43 Resp: 767489
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 21.450 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023255.D
 Acq: 02 Sep 2025 10:54

Tgt Ion: 63 Resp: 184238
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.3 2.4 7.1

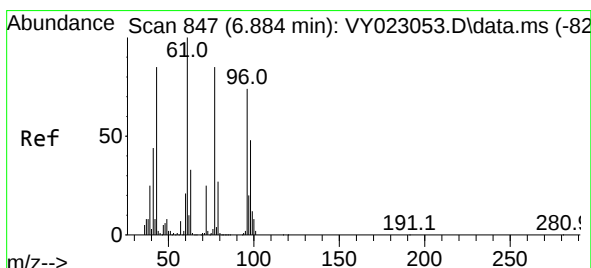
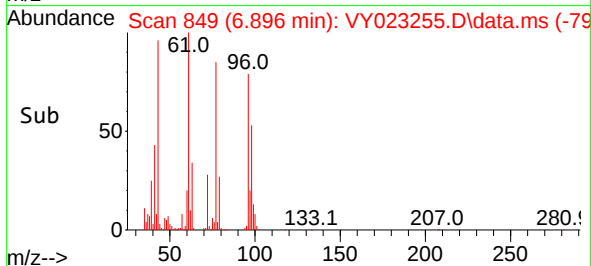
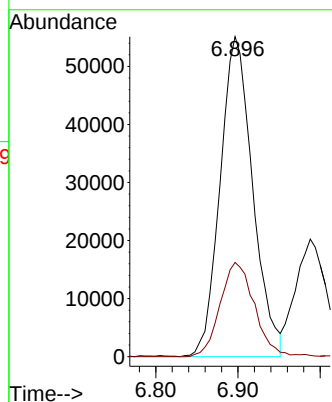
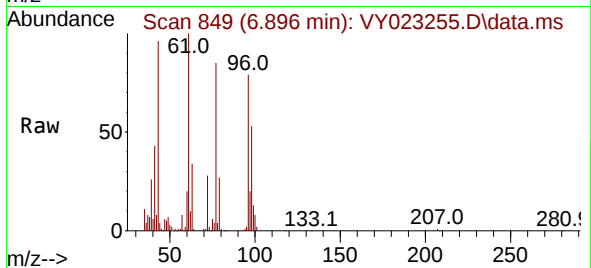




#25
2-Butanone
Concen: 118.678 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

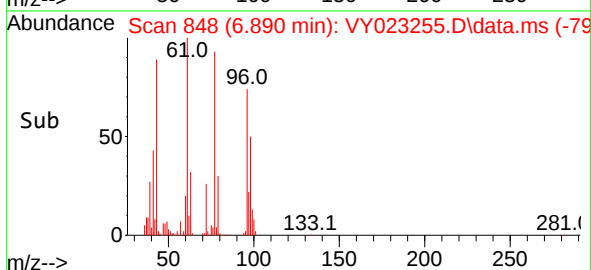
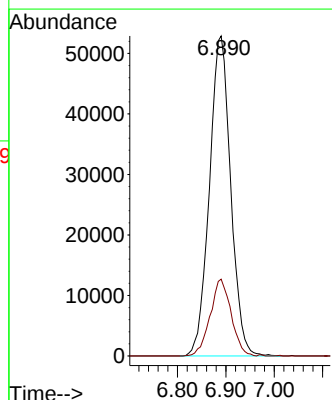
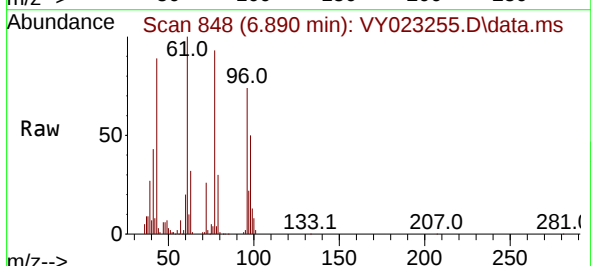
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

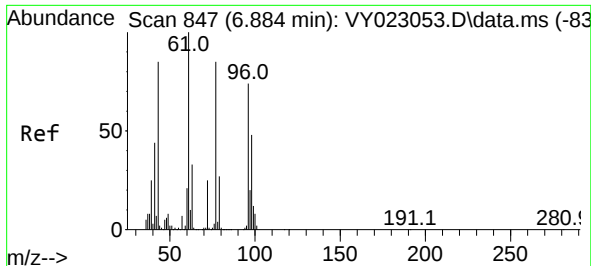
Tgt Ion: 43 Resp: 151951
Ion Ratio Lower Upper
43 100
72 29.5 23.5 35.3



#26
2,2-Dichloropropane
Concen: 21.817 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 77 Resp: 161696
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 21.745 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

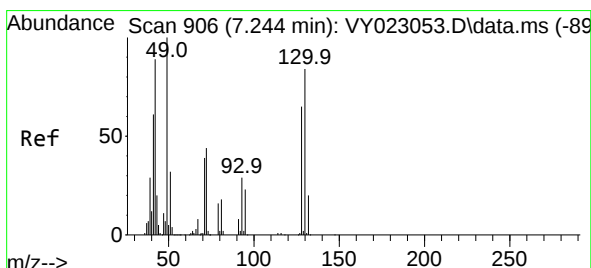
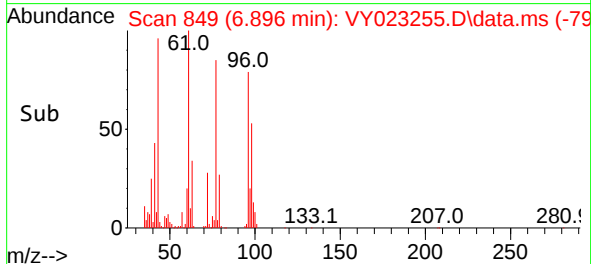
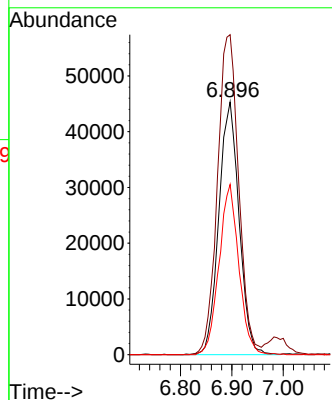
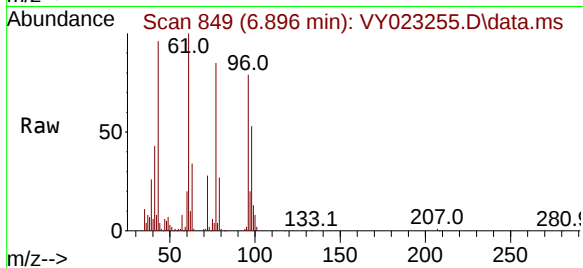
Tgt Ion: 96 Resp: 124121

Ion Ratio Lower Upper

96 100

61 132.6 0.0 278.6

98 65.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.809 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

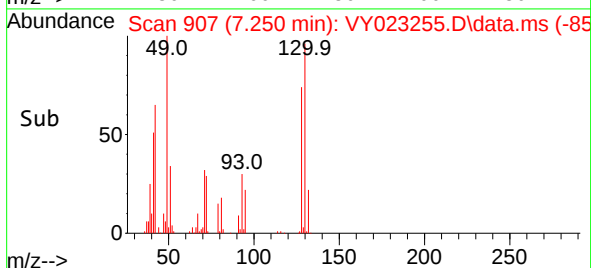
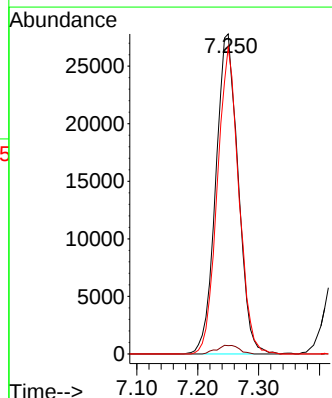
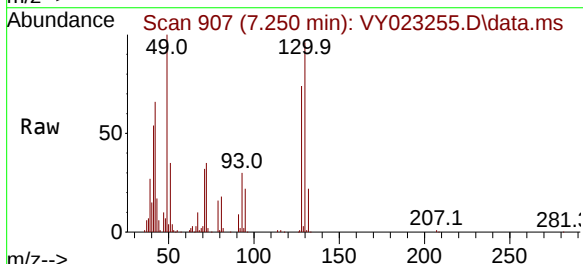
Tgt Ion: 49 Resp: 70910

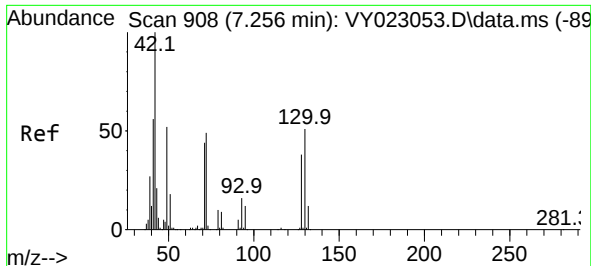
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 91.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 101.386 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBSD01

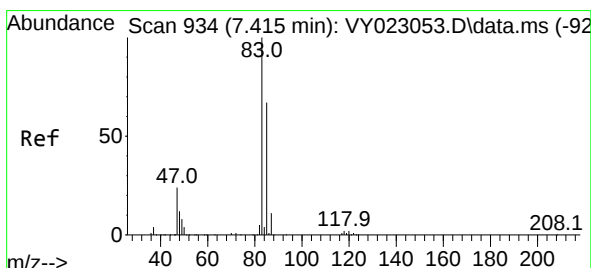
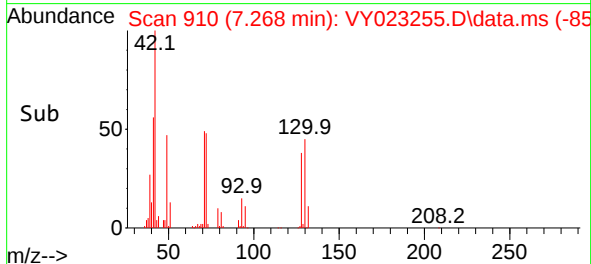
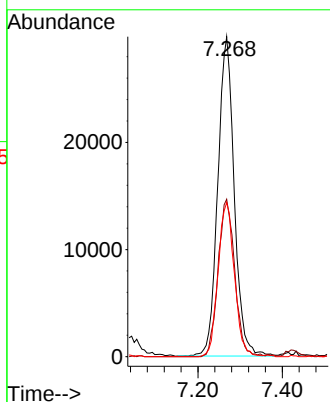
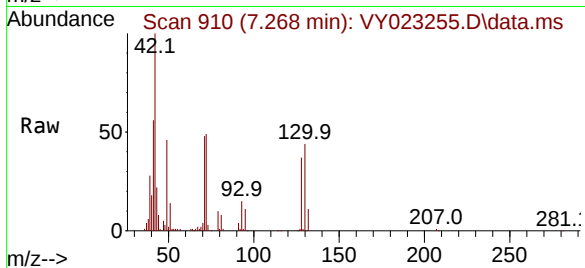
Tgt Ion: 42 Resp: 80464

Ion Ratio Lower Upper

42 100

72 49.9 39.4 59.2

71 47.8 36.5 54.7



#30

Chloroform

Concen: 22.496 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023255.D

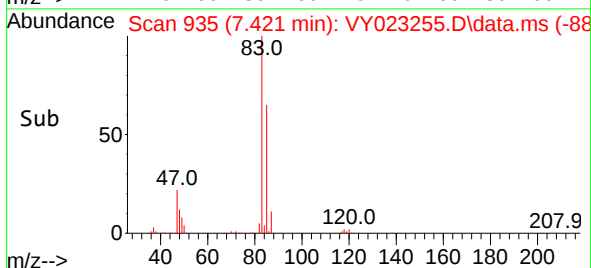
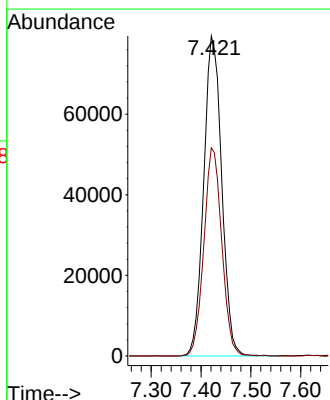
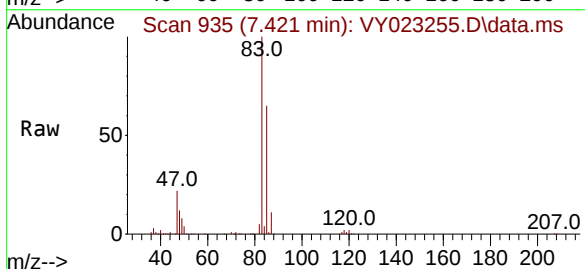
Acq: 02 Sep 2025 10:54

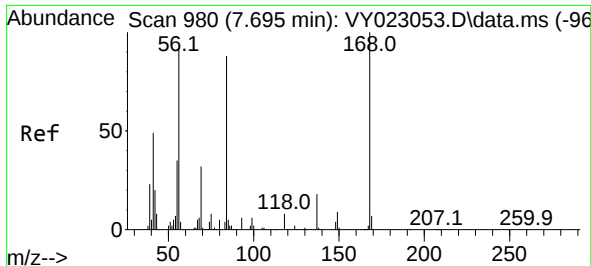
Tgt Ion: 83 Resp: 199275

Ion Ratio Lower Upper

83 100

85 65.1 53.8 80.8

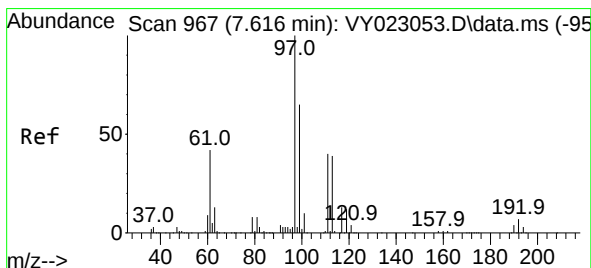
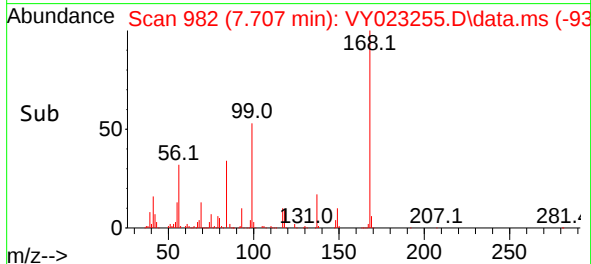
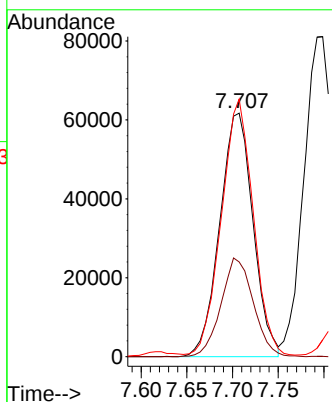
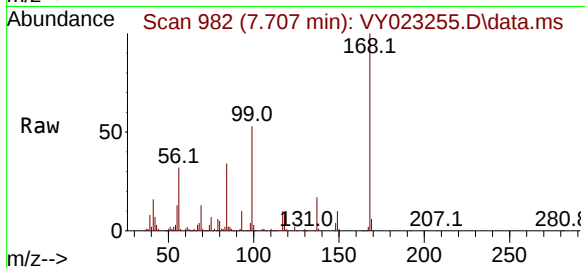




#31
Cyclohexane
Concen: 19.342 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

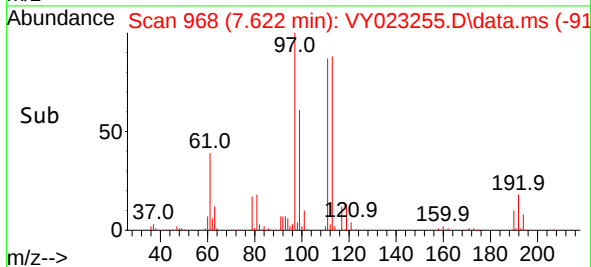
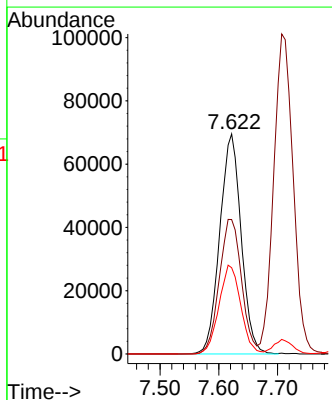
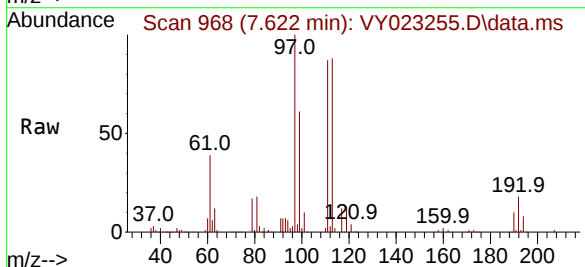
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 56 Resp: 156550
Ion Ratio Lower Upper
56 100
69 38.9 28.2 42.2
84 104.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 22.417 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 97 Resp: 176198
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 41.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.339 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

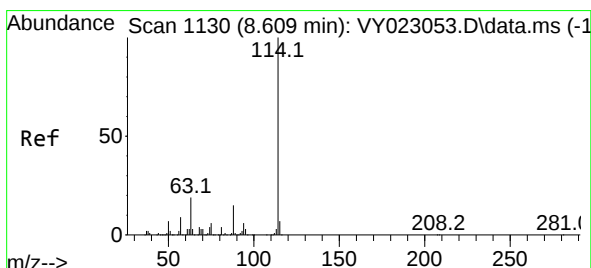
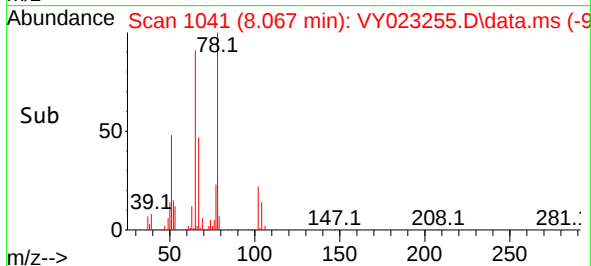
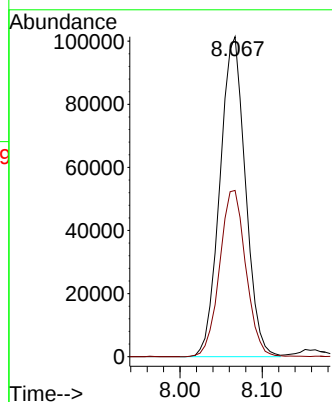
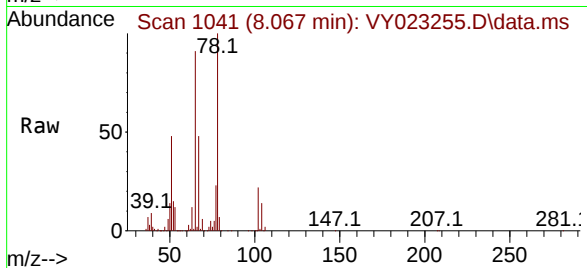
VY0902SBSD01

Tgt Ion: 65 Resp: 218743

Ion Ratio Lower Upper

65 100

67 53.5 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: VY023255.D

Acq: 02 Sep 2025 10:54

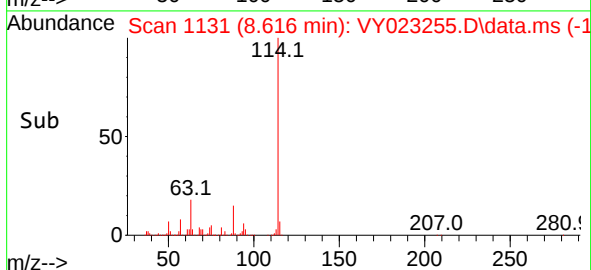
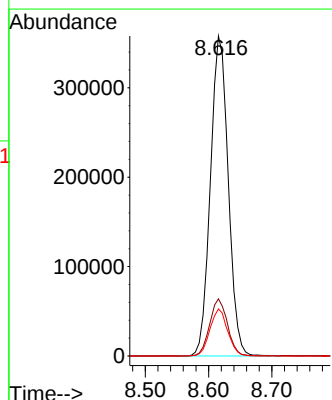
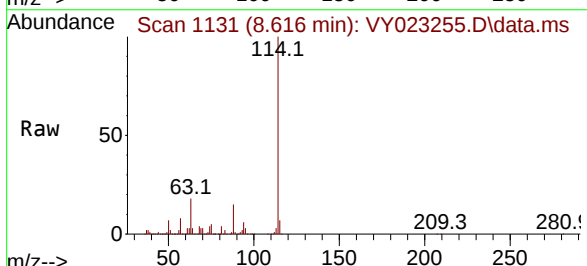
Tgt Ion: 114 Resp: 701236

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 14.7 0.0 30.0

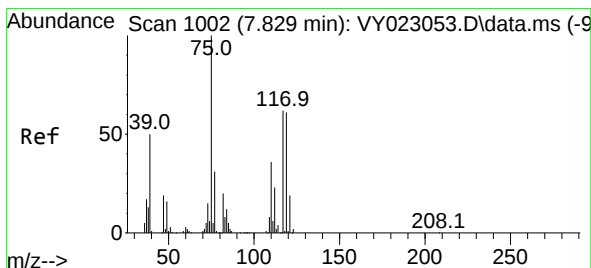
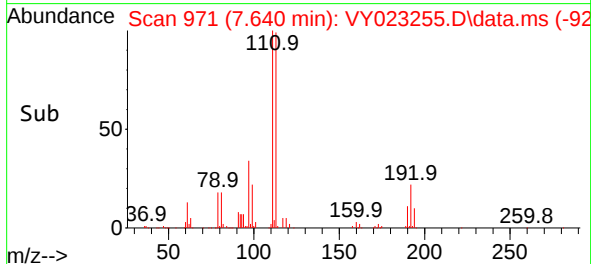
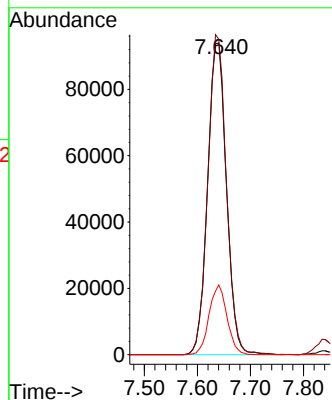
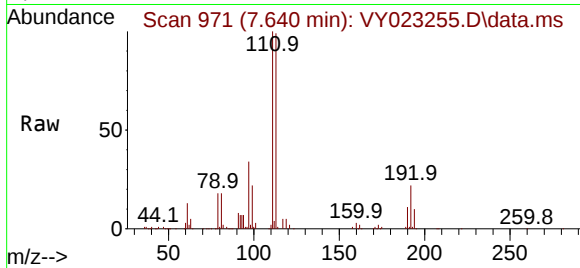




#35
Dibromofluoromethane
Concen: 55.232 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

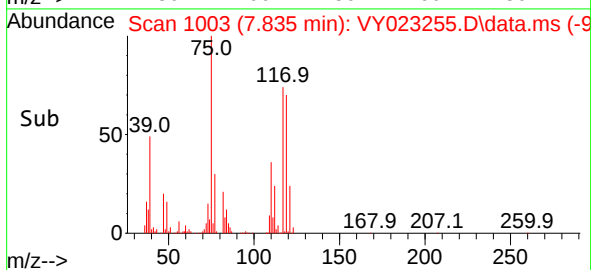
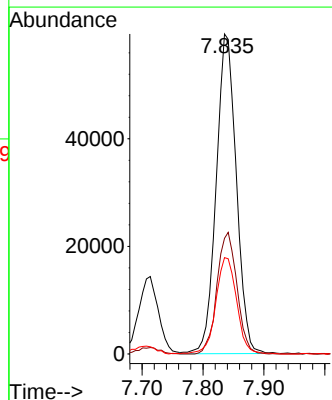
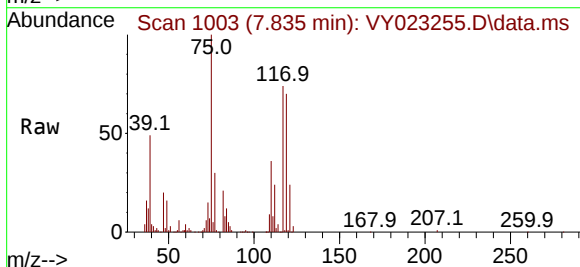
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

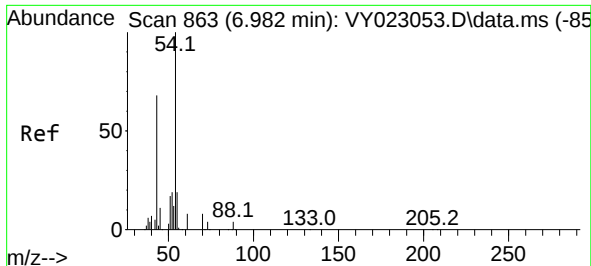
Tgt Ion:113 Resp: 231751
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 21.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 21.885 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 75 Resp: 136472
Ion Ratio Lower Upper
75 100
110 37.8 18.1 54.4
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 21.520 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

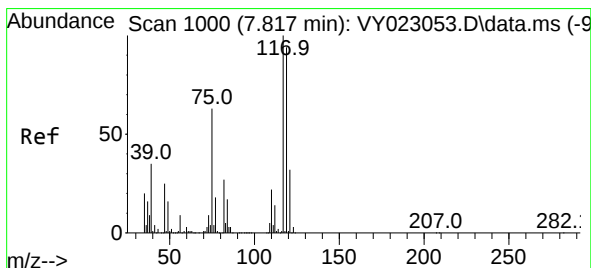
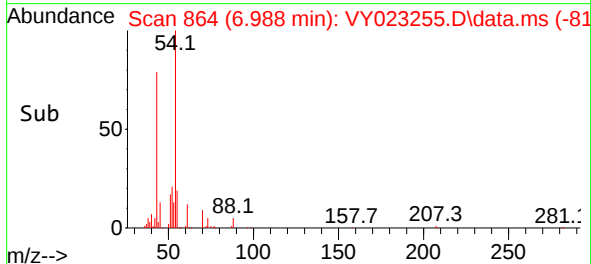
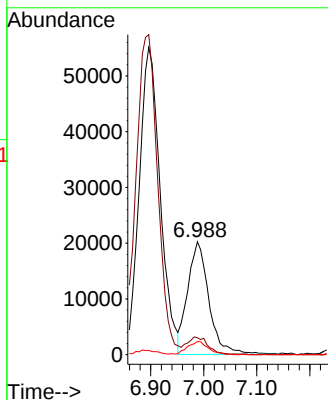
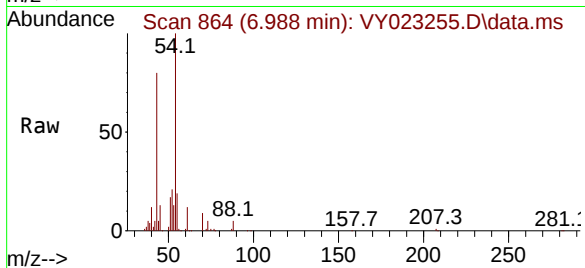
Tgt Ion: 43 Resp: 56370

Ion Ratio Lower Upper

43 100

61 14.5 11.9 17.9

70 11.3 8.8 13.2



#38

Carbon Tetrachloride

Concen: 23.144 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

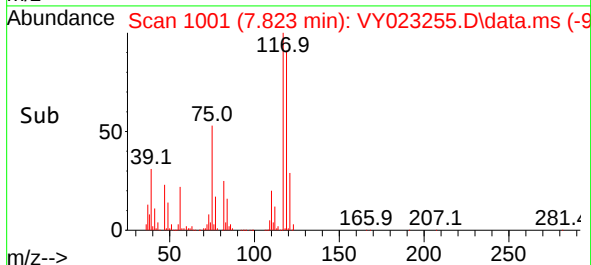
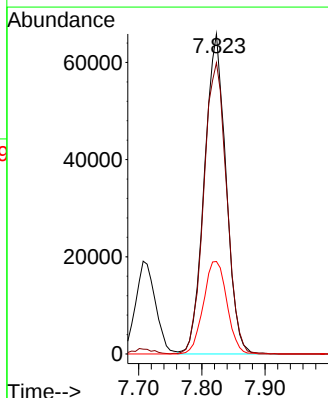
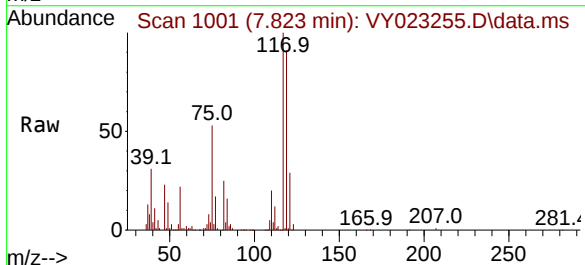
Tgt Ion: 117 Resp: 156753

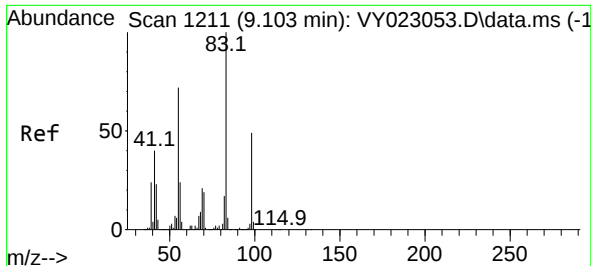
Ion Ratio Lower Upper

117 100

119 91.0 75.6 113.4

121 28.9 25.8 38.8





#39

Methylcyclohexane

Concen: 21.293 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

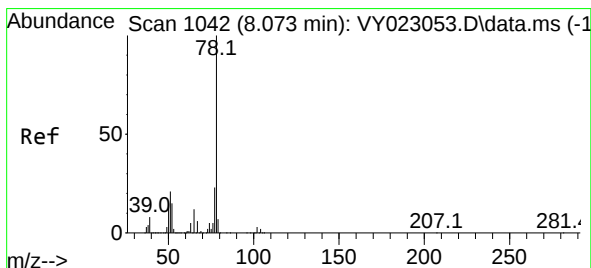
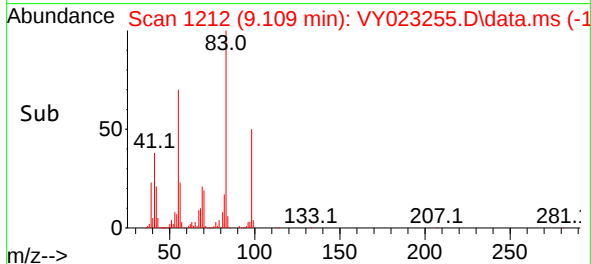
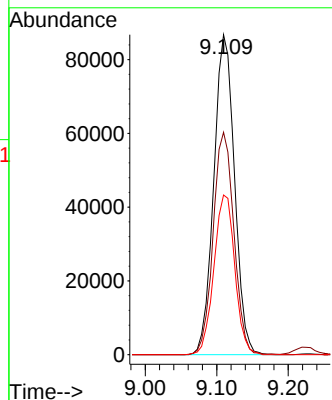
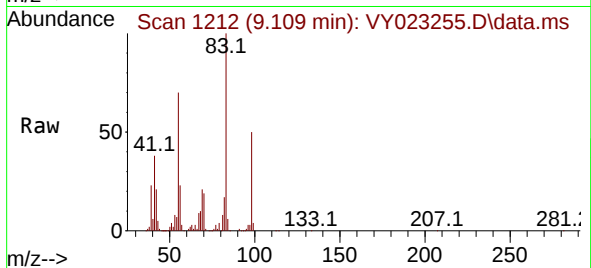
Tgt Ion: 83 Resp: 174855

Ion Ratio Lower Upper

83 100

55 69.5 57.6 86.4

98 49.9 39.2 58.8



#40

Benzene

Concen: 22.481 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023255.D

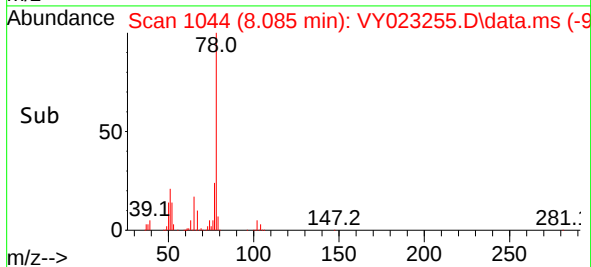
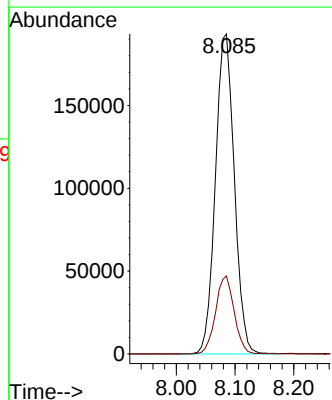
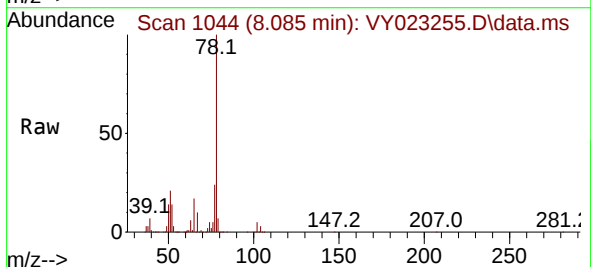
Acq: 02 Sep 2025 10:54

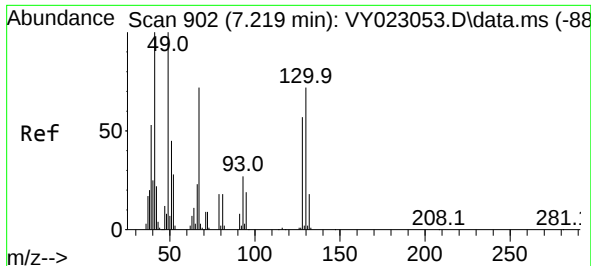
Tgt Ion: 78 Resp: 432067

Ion Ratio Lower Upper

78 100

77 24.4 18.6 28.0

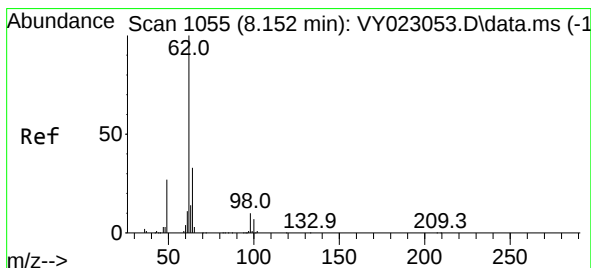
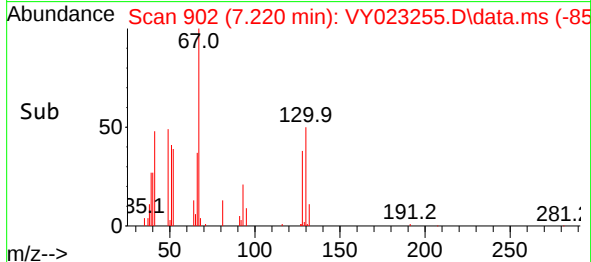
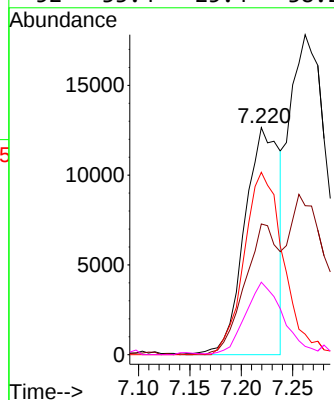
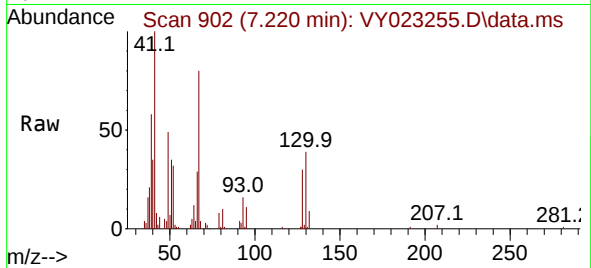




#41
Methacrylonitrile
Concen: 19.698 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

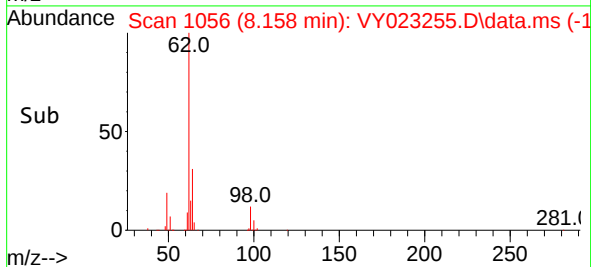
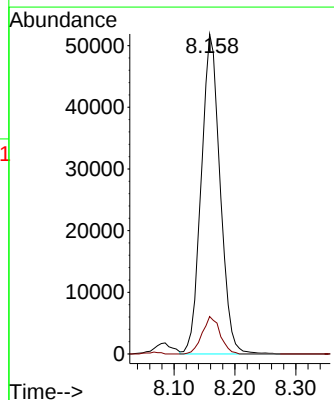
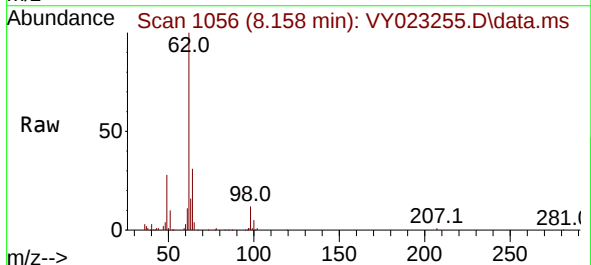
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

Tgt Ion:	41	Resp:	29778
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.4	65.2
67	91.3	63.6	95.4
52	33.4	25.4	38.2



#42
1,2-Dichloroethane
Concen: 22.325 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion:	62	Resp:	111597
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.6

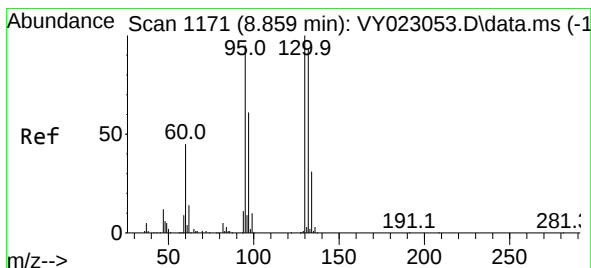
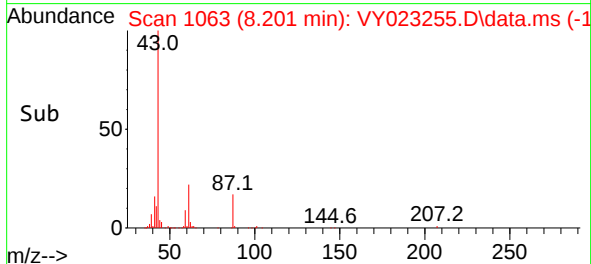
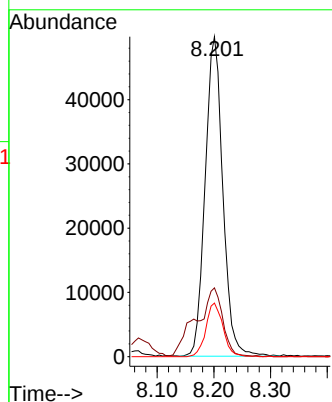
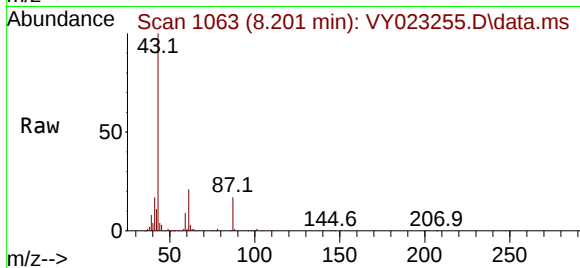




#43
Isopropyl Acetate
Concen: 20.370 ug/l
RT: 8.201 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

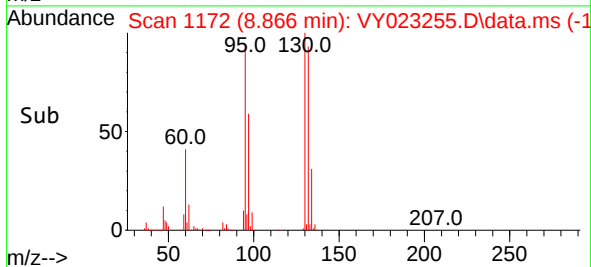
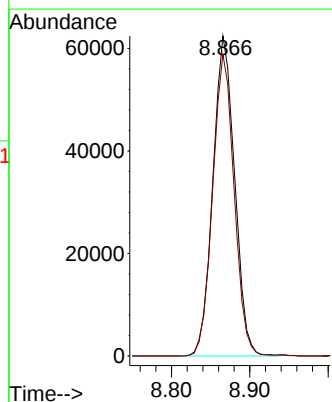
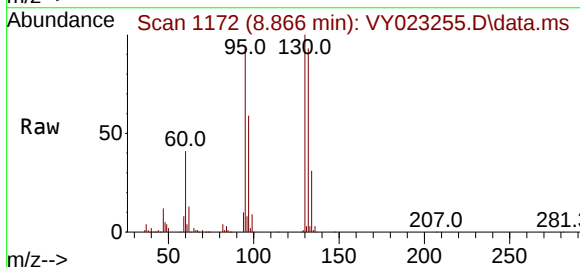
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

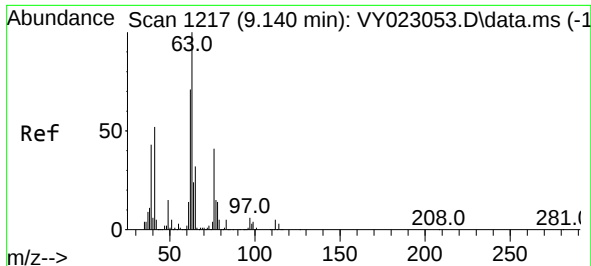
Tgt Ion: 43 Resp: 107847
Ion Ratio Lower Upper
43 100
61 20.8 16.4 24.6
87 16.2 11.8 17.6



#44
Trichloroethene
Concen: 24.254 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion:130 Resp: 120465
Ion Ratio Lower Upper
130 100
95 94.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 22.281 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

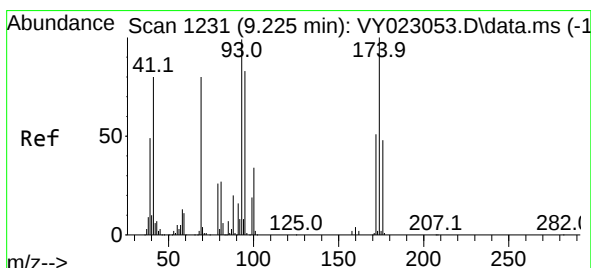
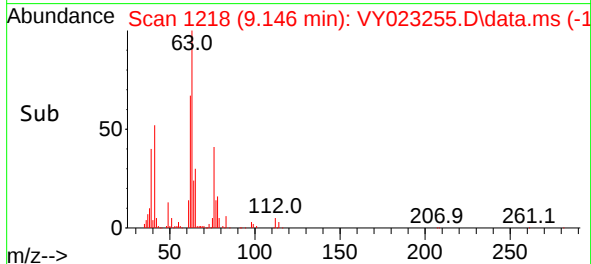
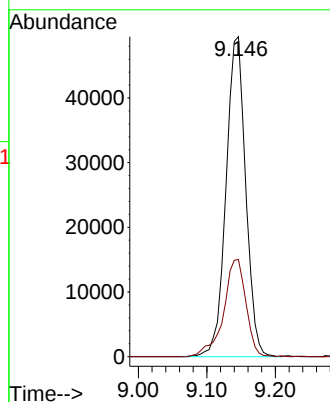
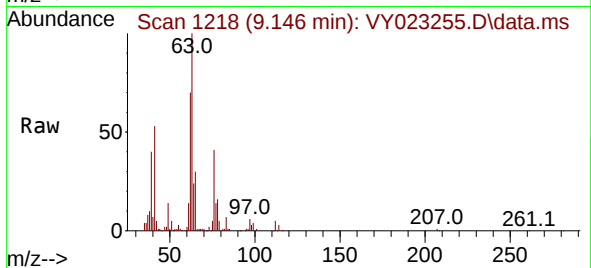
VY0902SBSD01

Tgt Ion: 63 Resp: 98531

Ion Ratio Lower Upper

63 100

65 30.4 25.3 37.9



#46

Dibromomethane

Concen: 23.403 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

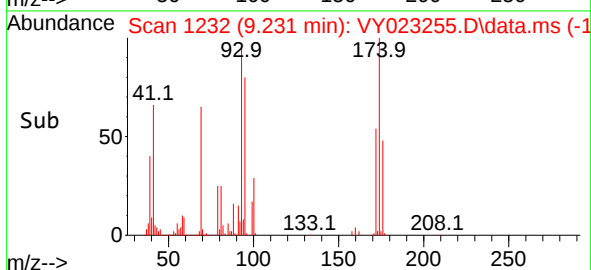
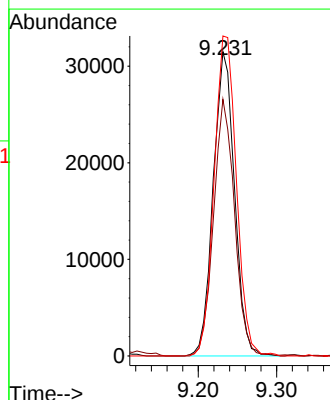
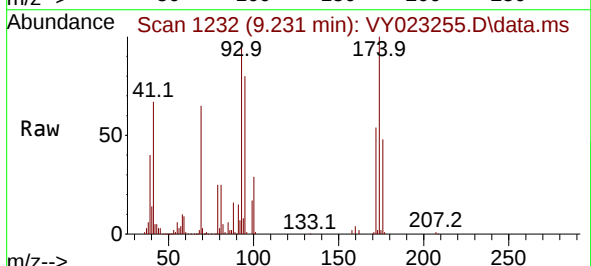
Tgt Ion: 93 Resp: 59403

Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

174 110.1 81.8 122.8

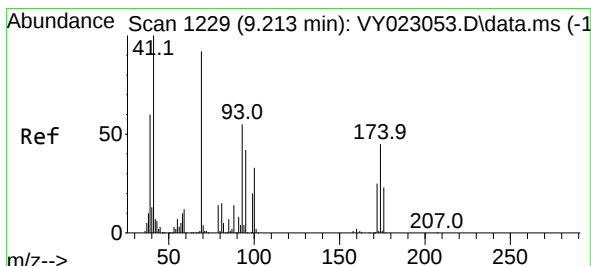
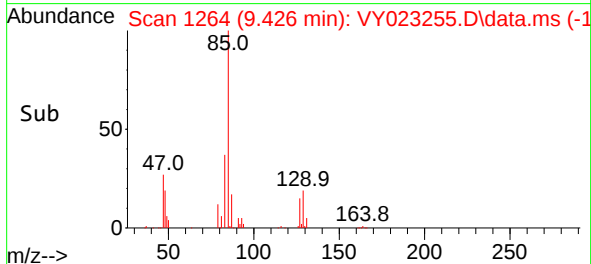
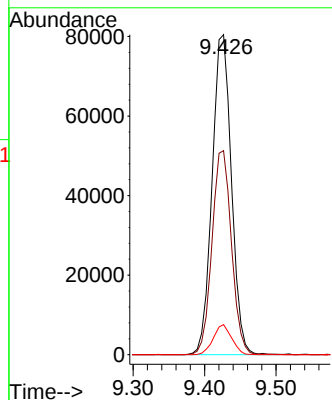
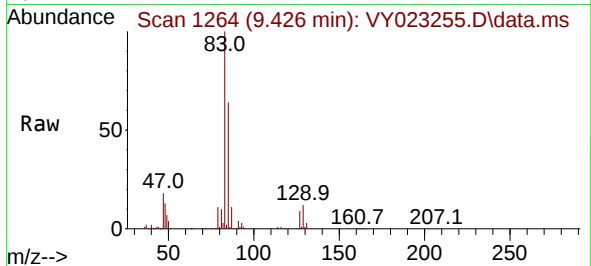




#47
Bromodichloromethane
Concen: 23.091 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

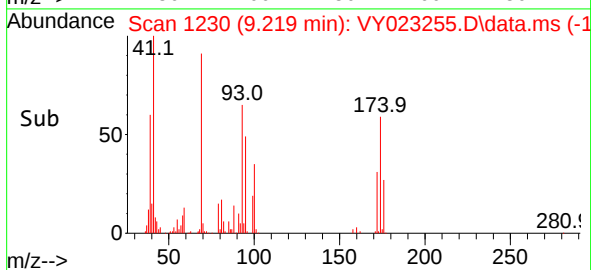
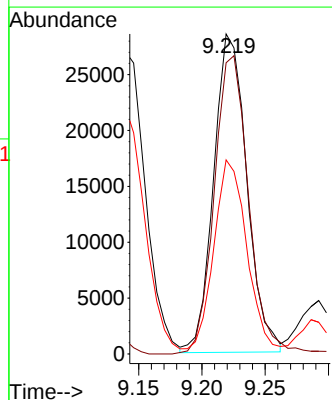
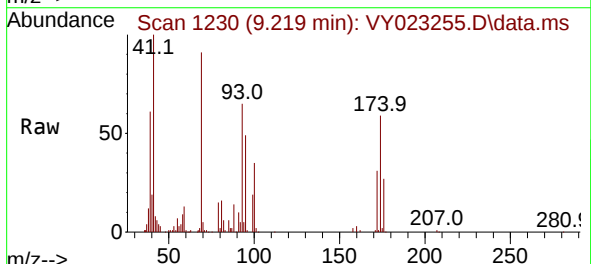
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 83 Resp: 150811
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 20.510 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 41 Resp: 51961
Ion Ratio Lower Upper
41 100
69 97.4 73.2 109.8
39 58.2 47.0 70.4





#49

1,4-Dioxane

Concen: 404.079 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBSD01

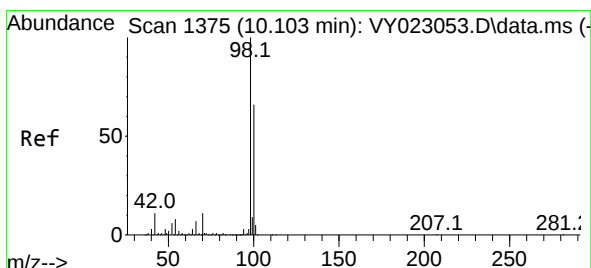
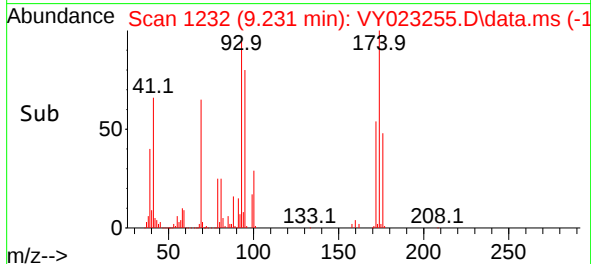
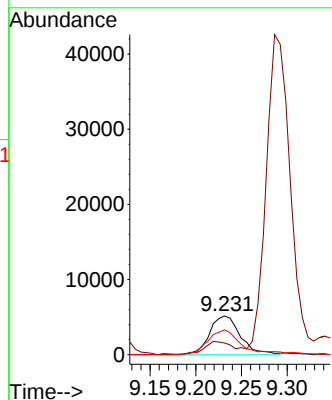
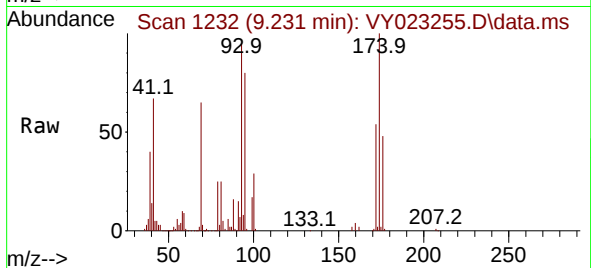
Tgt Ion: 88 Resp: 12026

Ion Ratio Lower Upper

88 100

43 27.5 24.3 36.5

58 72.8 55.4 83.0



#50

Toluene-d8

Concen: 53.959 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023255.D

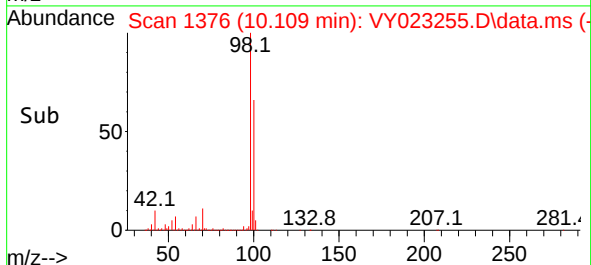
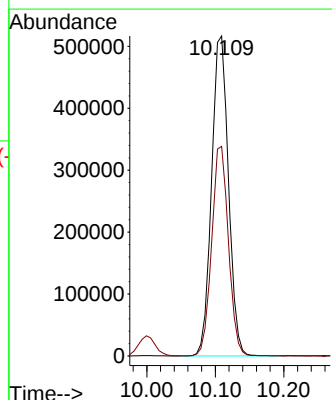
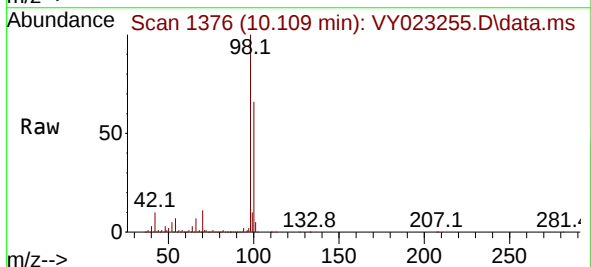
Acq: 02 Sep 2025 10:54

Tgt Ion: 98 Resp: 884490

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

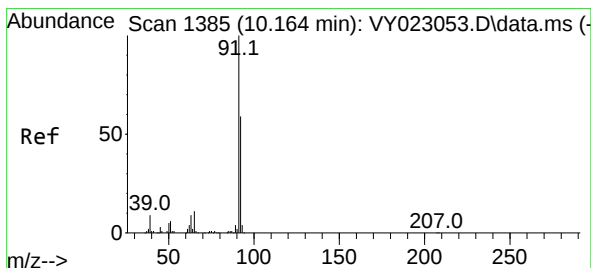
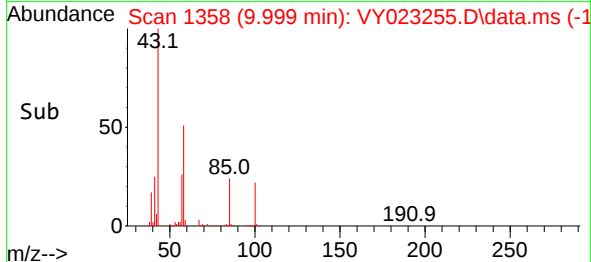
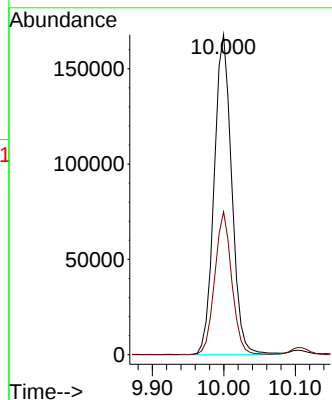
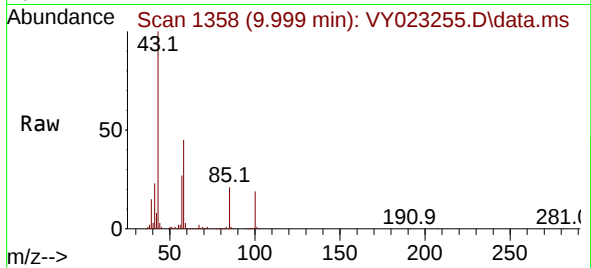




#51
4-Methyl-2-Pentanone
Concen: 104.833 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

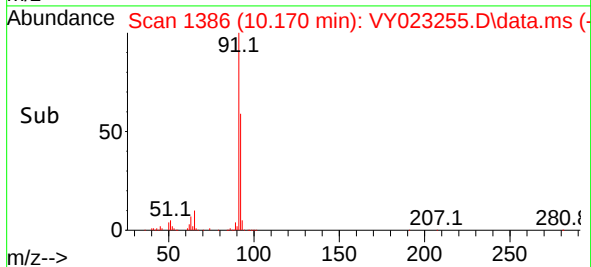
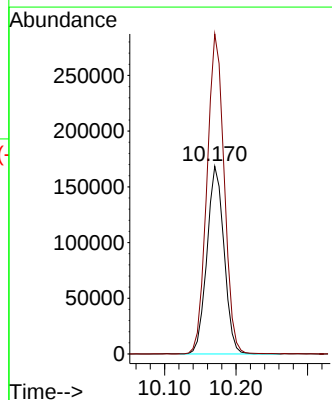
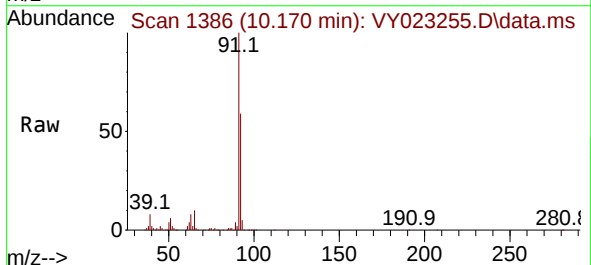
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

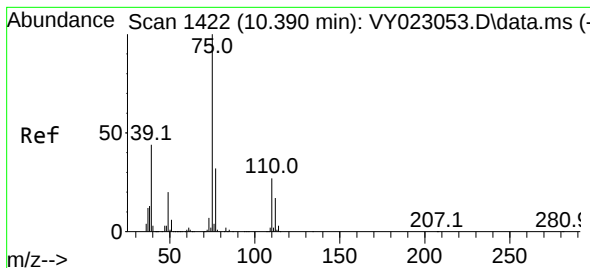
Tgt Ion: 43 Resp: 286299
Ion Ratio Lower Upper
43 100
58 43.2 33.5 50.3



#52
Toluene
Concen: 22.841 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 92 Resp: 278819
Ion Ratio Lower Upper
92 100
91 172.2 136.4 204.6

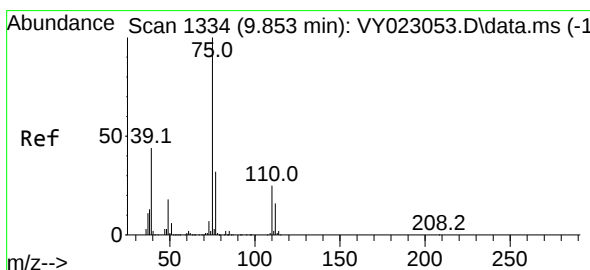
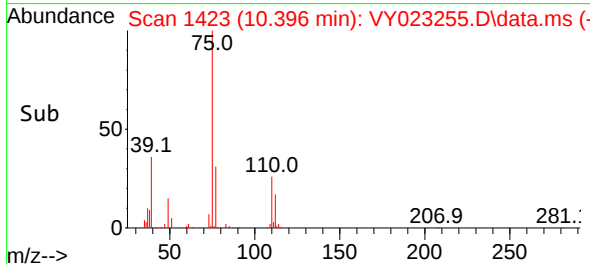
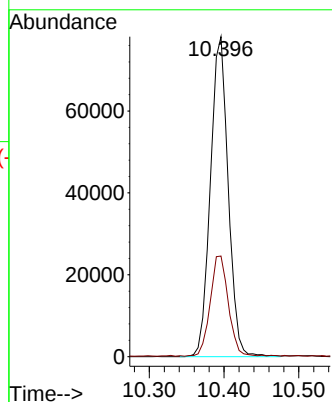
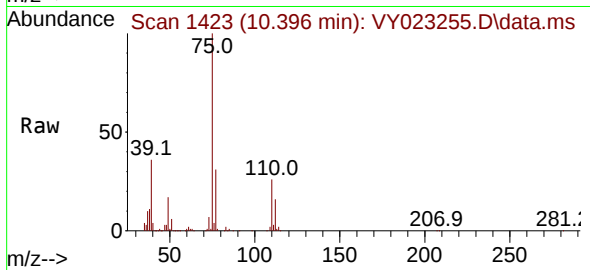




#53
 t-1,3-Dichloropropene
 Concen: 21.911 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023255.D
 Acq: 02 Sep 2025 10:54

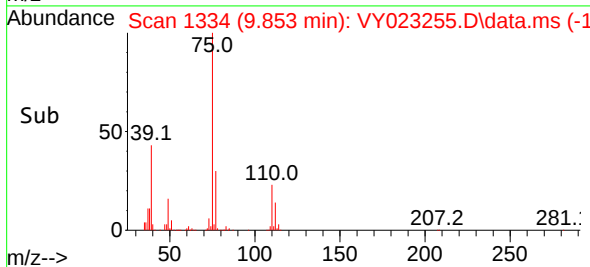
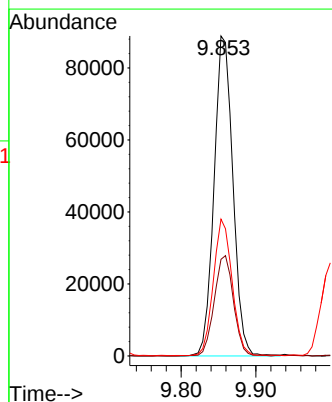
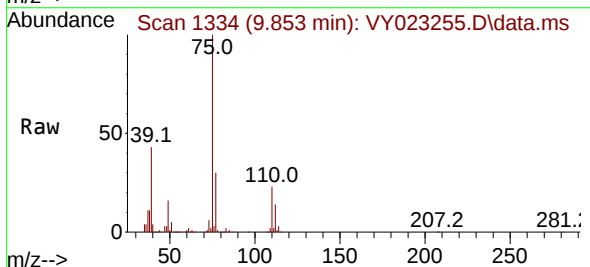
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0902SBSD01

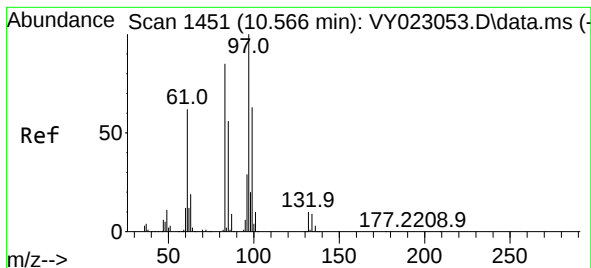
Tgt Ion: 75 Resp: 129589
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 22.327 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023255.D
 Acq: 02 Sep 2025 10:54

Tgt Ion: 75 Resp: 156143
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 42.6 35.6 53.4

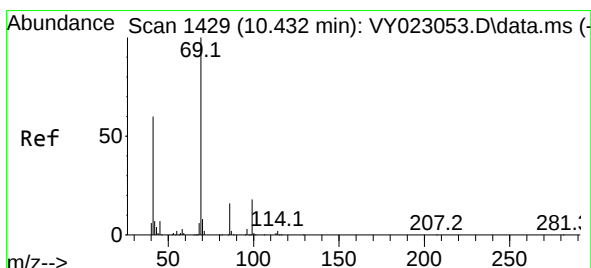
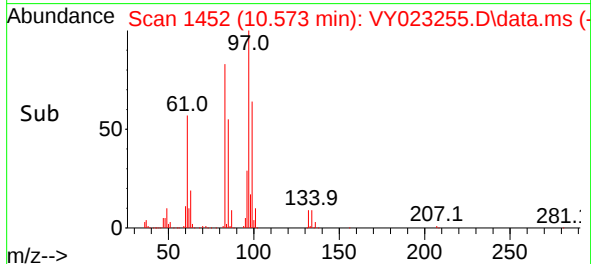
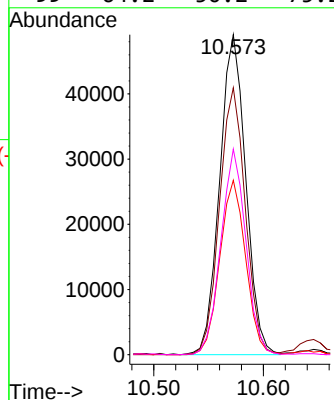
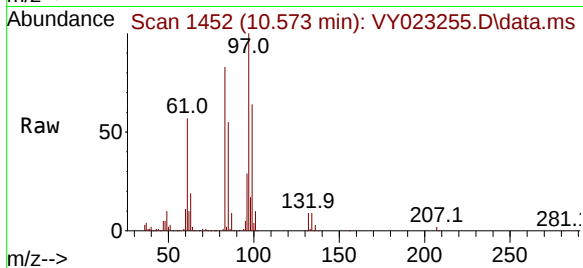




#55
1,1,2-Trichloroethane
Concen: 23.891 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

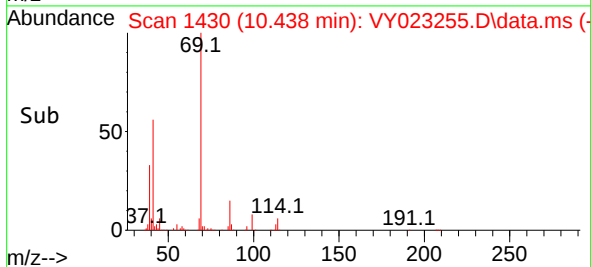
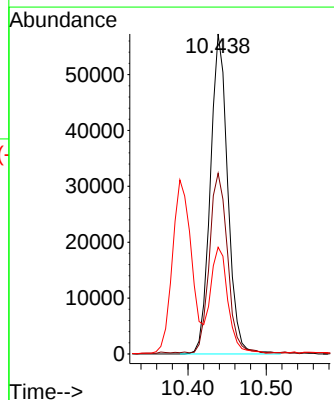
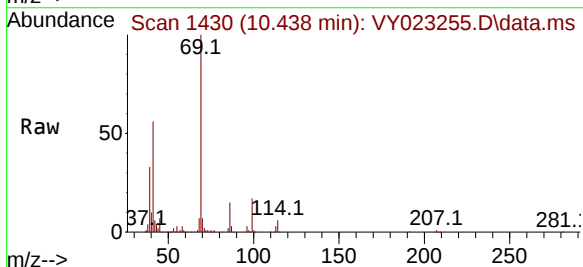
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

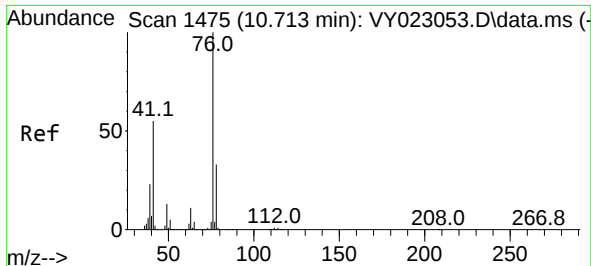
Tgt Ion: 97	Resp: 81143
Ion Ratio	Lower Upper
97 100	
83 83.4	67.7 101.5
85 54.5	44.5 66.7
99 64.2	50.2 75.2



#56
Ethyl methacrylate
Concen: 20.359 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 69	Resp: 88482
Ion Ratio	Lower Upper
69 100	
41 58.1	48.6 72.8
39 32.5	27.0 40.4





#57

1,3-Dichloropropane

Concen: 22.509 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

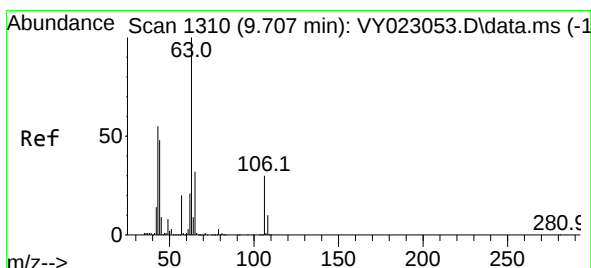
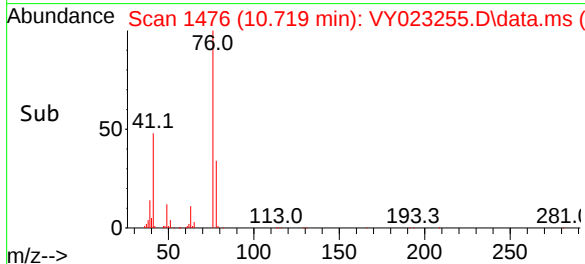
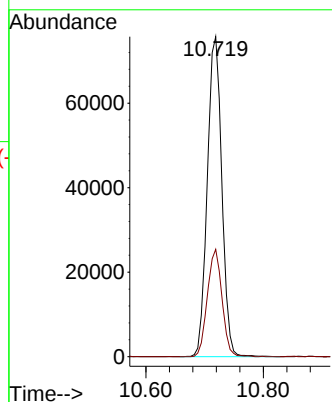
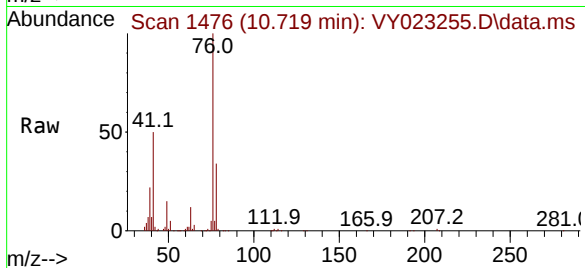
VY0902SBS01

Tgt Ion: 76 Resp: 129653

Ion Ratio Lower Upper

76 100

78 33.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 99.345 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023255.D

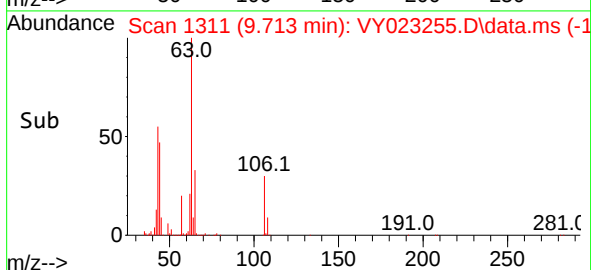
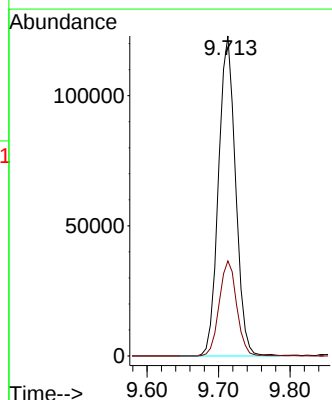
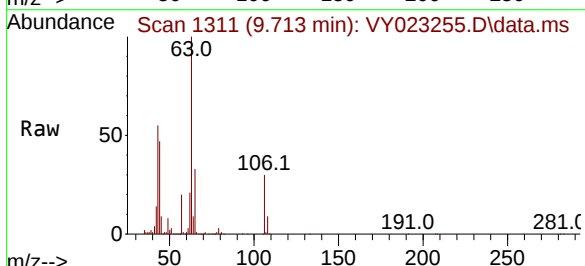
Acq: 02 Sep 2025 10:54

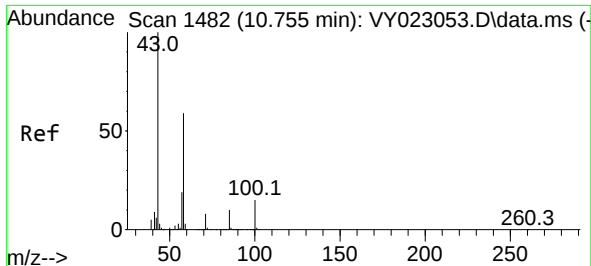
Tgt Ion: 63 Resp: 203660

Ion Ratio Lower Upper

63 100

106 30.4 23.2 34.8

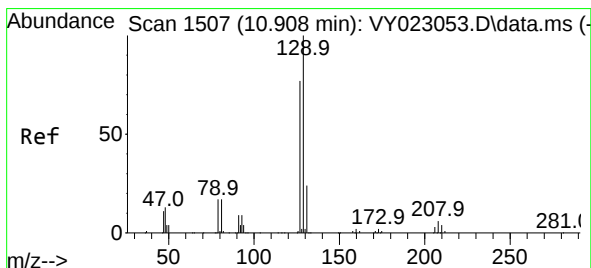
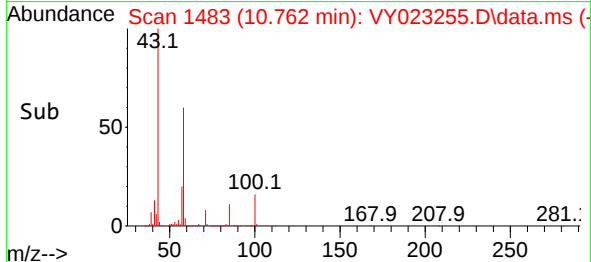
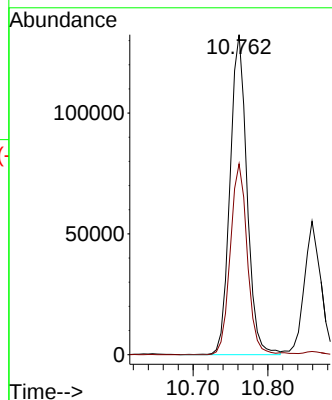
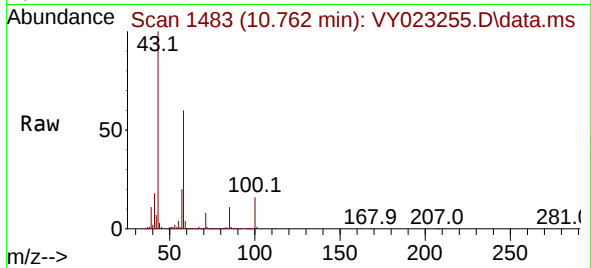




#59
2-Hexanone
Concen: 112.455 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

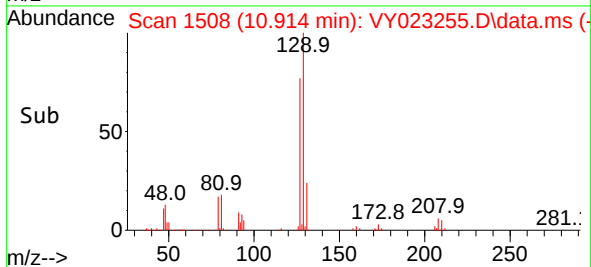
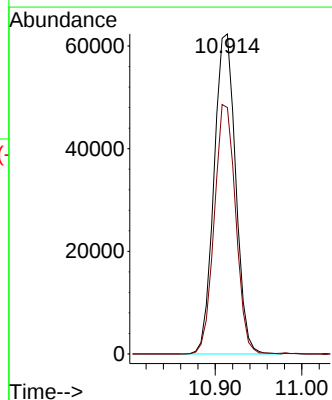
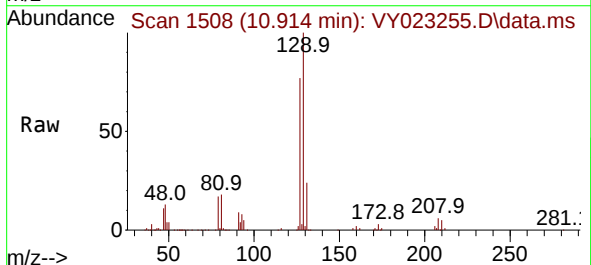
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

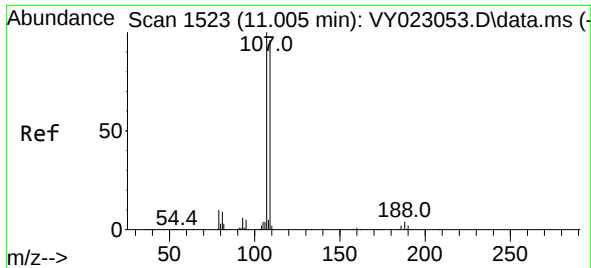
Tgt Ion: 43 Resp: 209125
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5



#60
Dibromochloromethane
Concen: 24.145 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 129 Resp: 108207
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

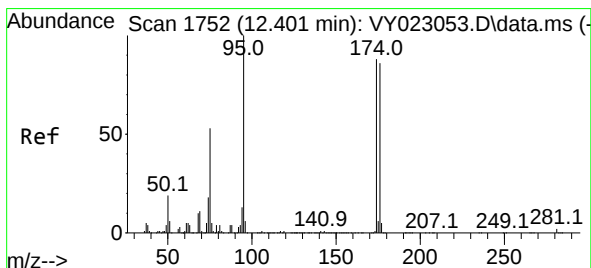
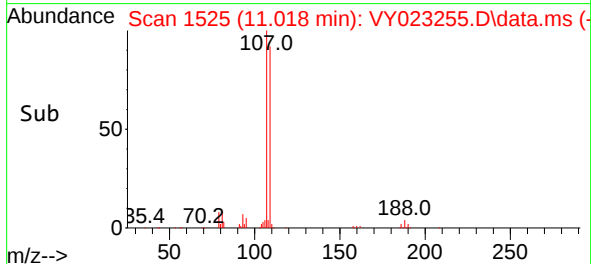
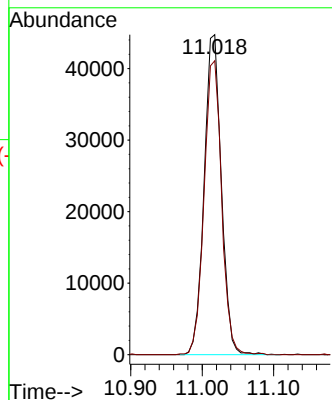
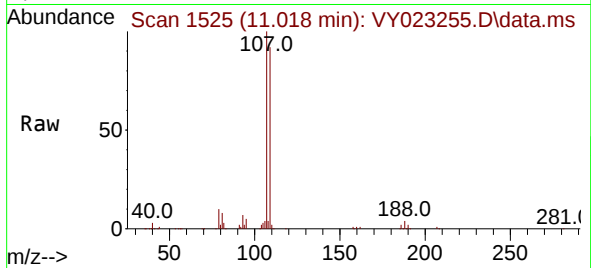




#61
1,2-Dibromoethane
Concen: 23.420 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

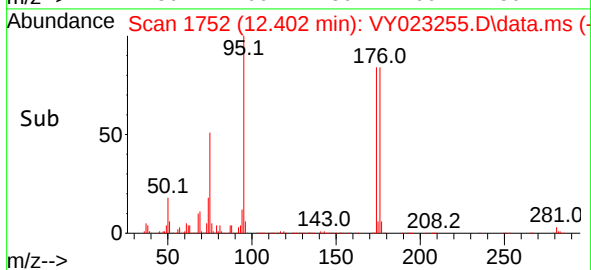
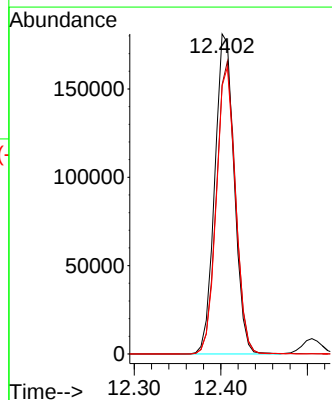
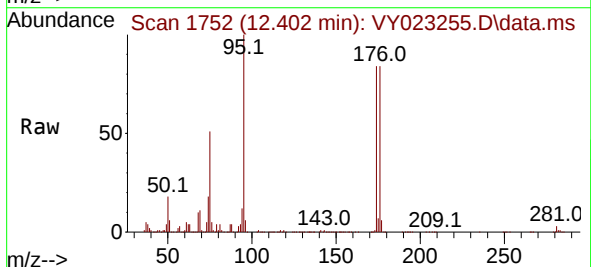
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

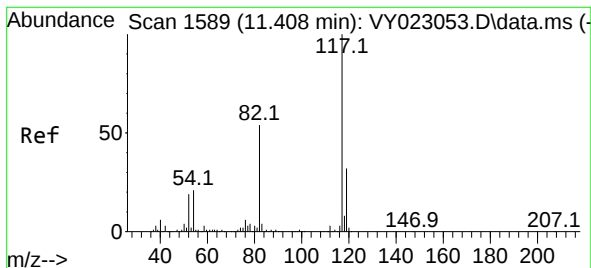
Tgt Ion:107 Resp: 74762
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.456 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 95 Resp: 281798
Ion Ratio Lower Upper
95 100
174 90.3 0.0 171.6
176 88.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBSD01

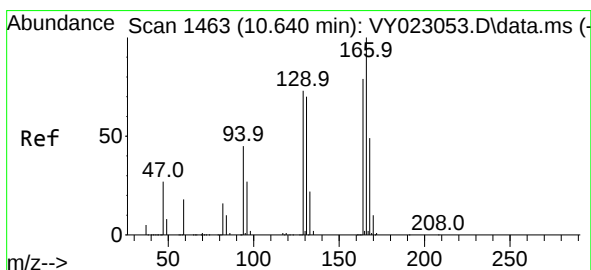
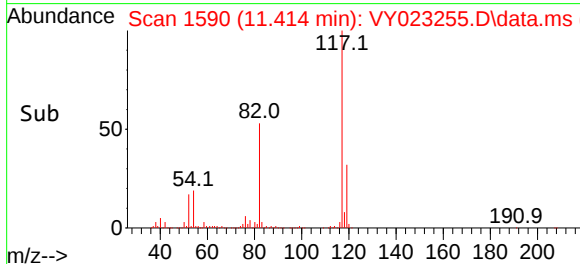
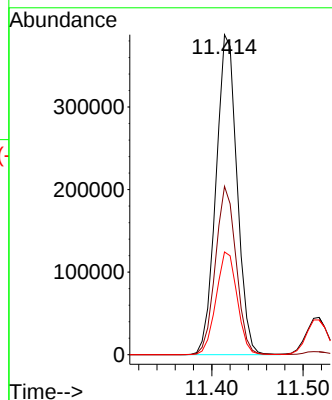
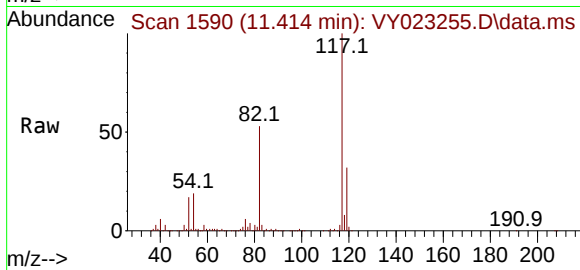
Tgt Ion:117 Resp: 619173

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 26.297 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Tgt Ion:164 Resp: 145392

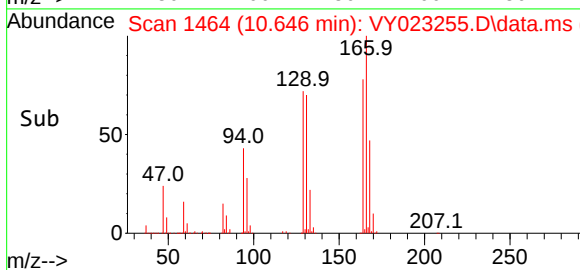
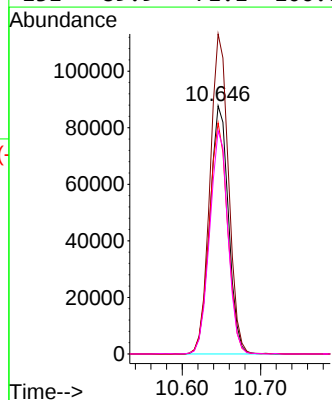
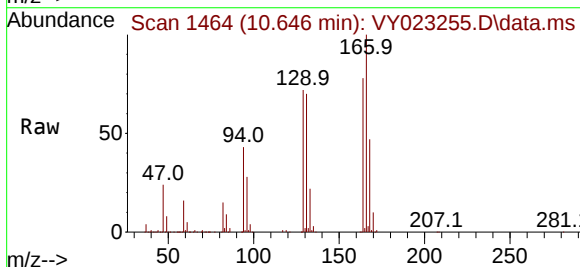
Ion Ratio Lower Upper

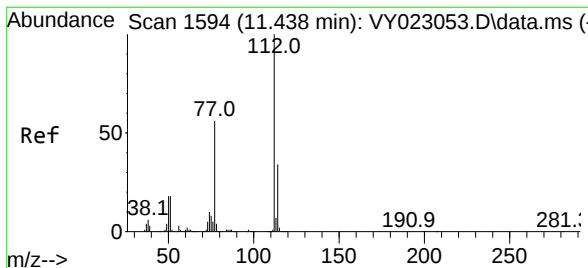
164 100

166 129.0 101.1 151.7

129 93.1 74.0 111.0

131 89.9 71.1 106.7

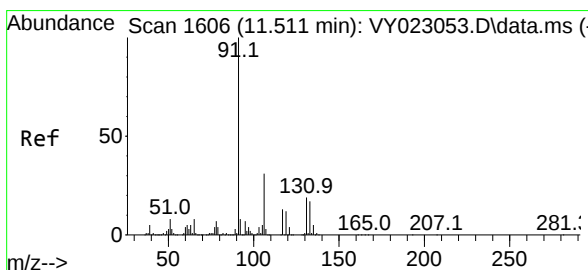
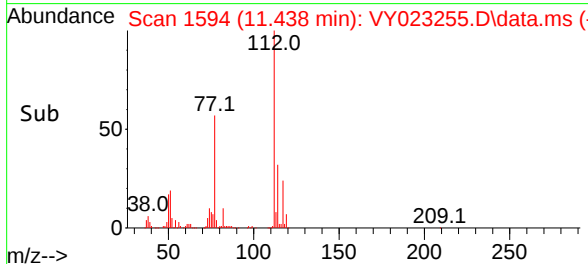
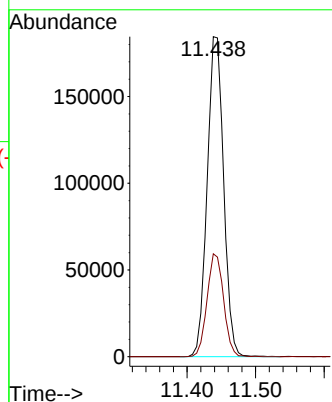
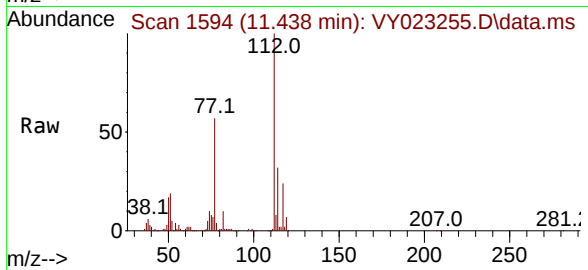




#65
Chlorobenzene
Concen: 23.086 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

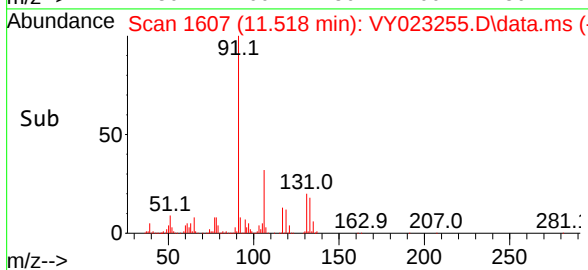
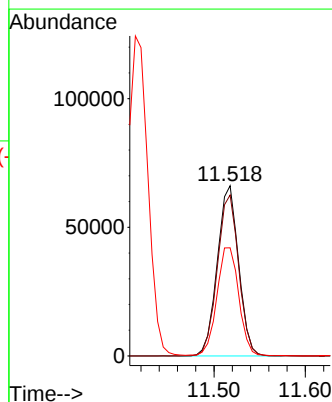
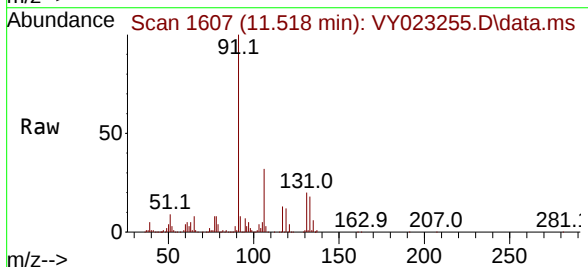
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

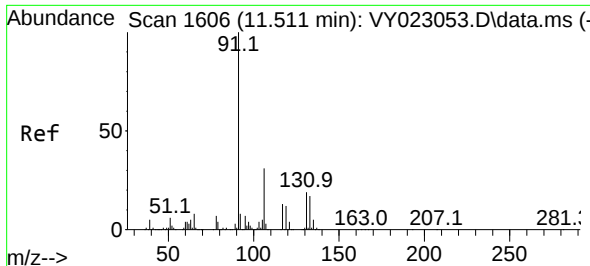
Tgt Ion:112 Resp: 308324
Ion Ratio Lower Upper
112 100
114 32.2 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 23.653 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion:131 Resp: 107213
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.6
119 65.3 33.2 99.6





#67

Ethyl Benzene

Concen: 21.952 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

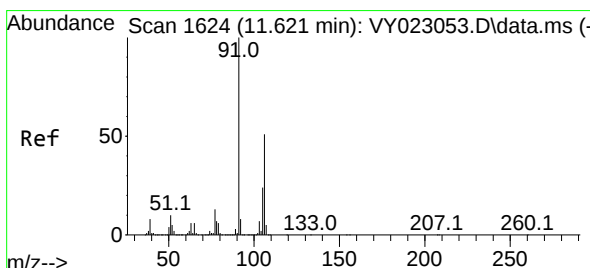
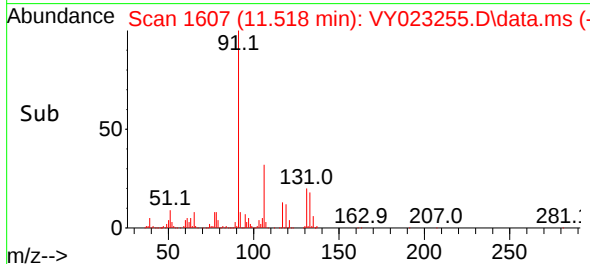
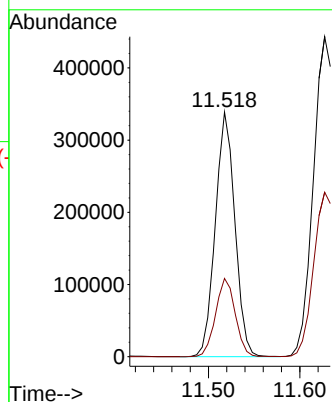
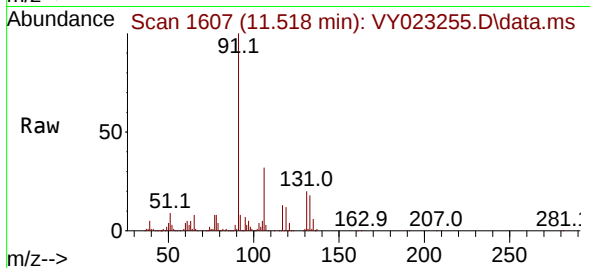
VY0902SBS01

Tgt Ion: 91 Resp: 504531

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 45.456 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023255.D

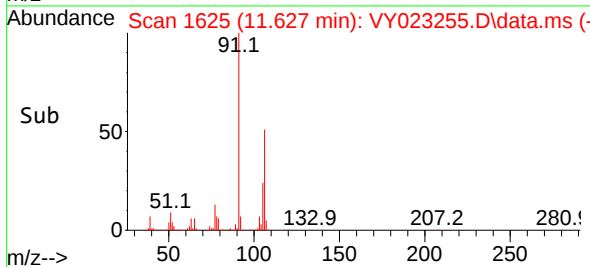
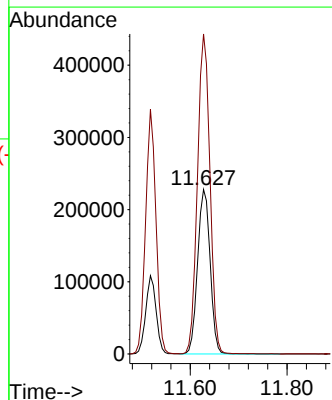
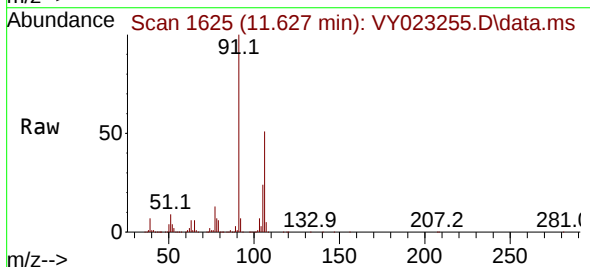
Acq: 02 Sep 2025 10:54

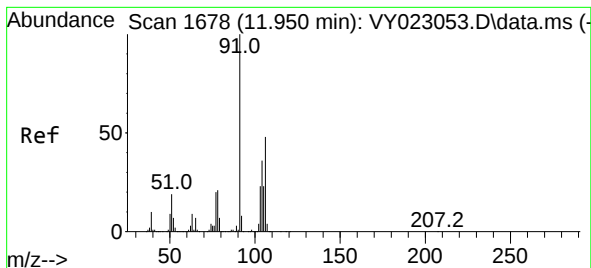
Tgt Ion:106 Resp: 408039

Ion Ratio Lower Upper

106 100

91 194.0 158.6 238.0





#69

o-Xylene

Concen: 22.188 ug/l

RT: 11.956 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

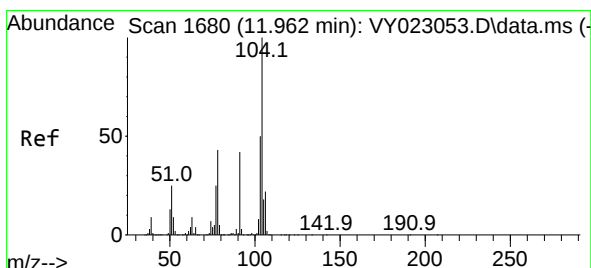
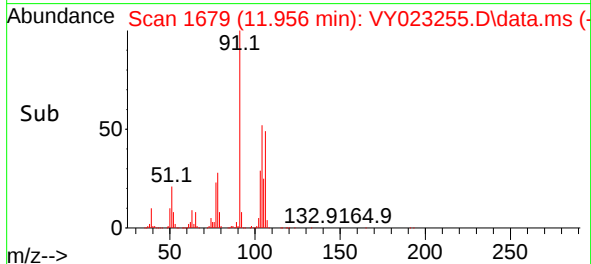
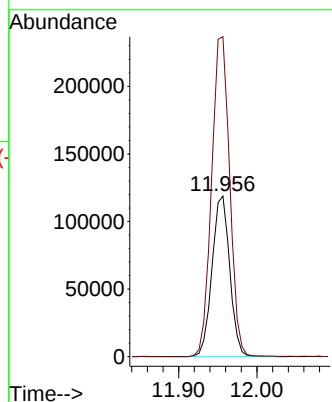
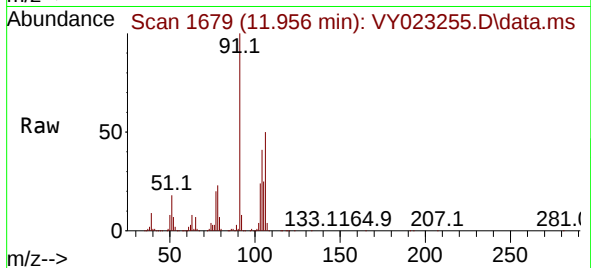
VY0902SBSD01

Tgt Ion:106 Resp: 186541

Ion Ratio Lower Upper

106 100

91 203.4 103.2 309.4



#70

Styrene

Concen: 23.002 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

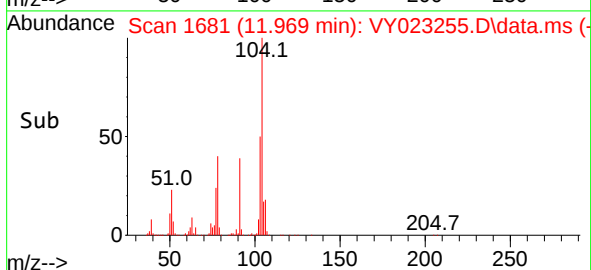
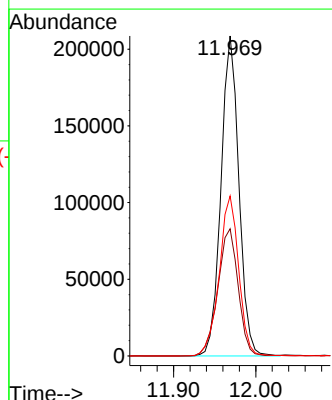
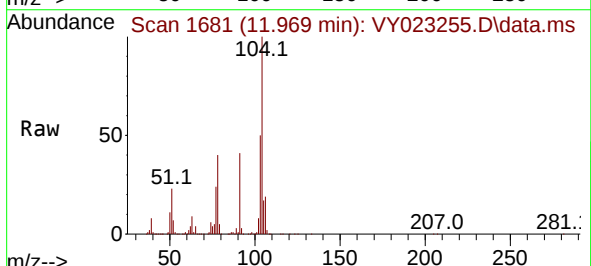
Tgt Ion:104 Resp: 316262

Ion Ratio Lower Upper

104 100

78 45.2 38.5 57.7

103 54.6 43.7 65.5





#71

Bromoform

Concen: 24.657 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBSD01

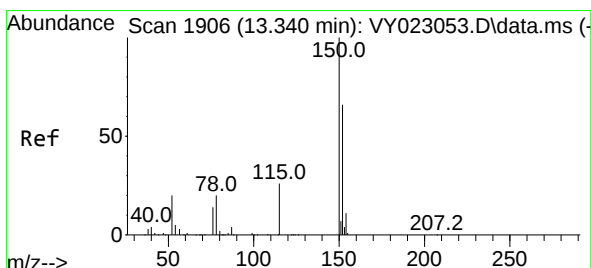
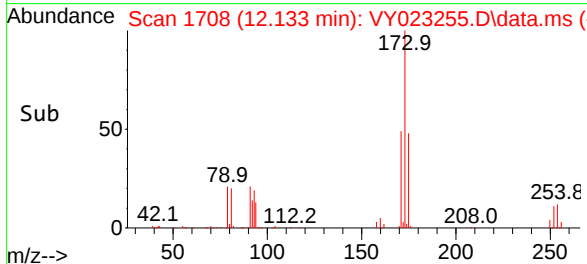
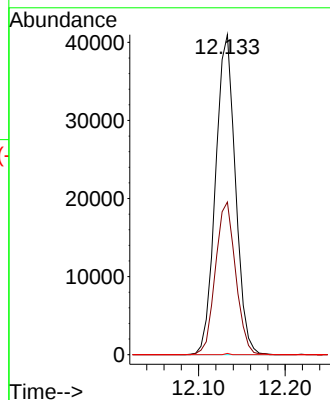
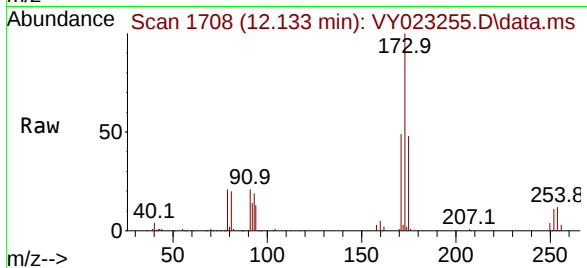
Tgt Ion:173 Resp: 65321

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

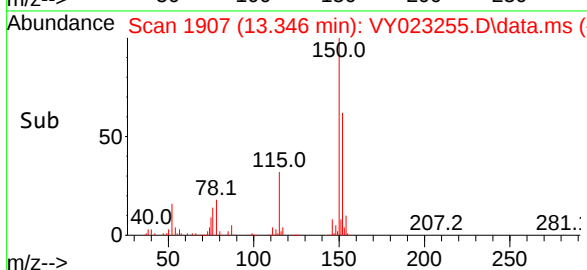
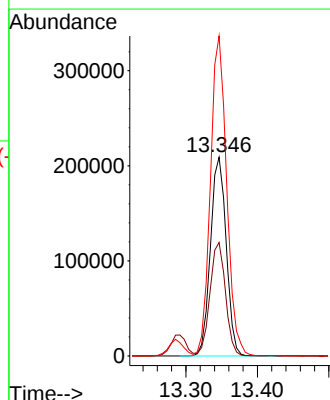
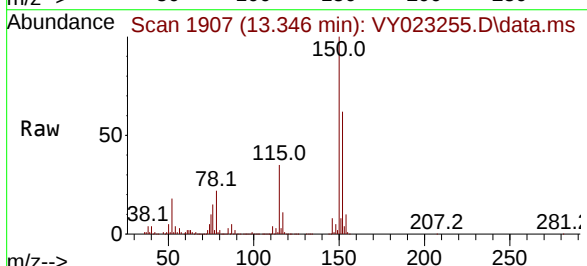
Tgt Ion:152 Resp: 320346

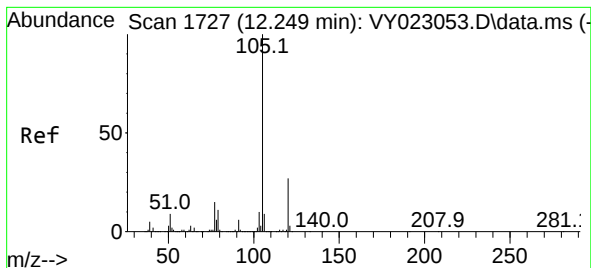
Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.6

150 165.5 0.0 348.0





#73

Isopropylbenzene

Concen: 21.515 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

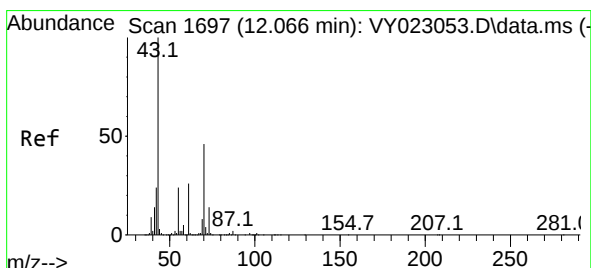
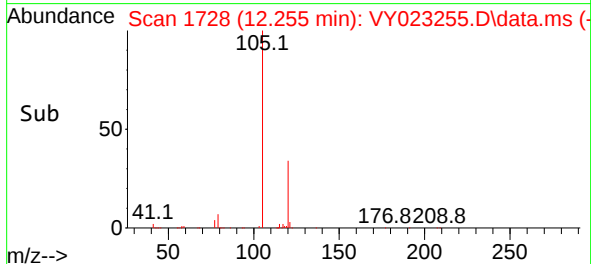
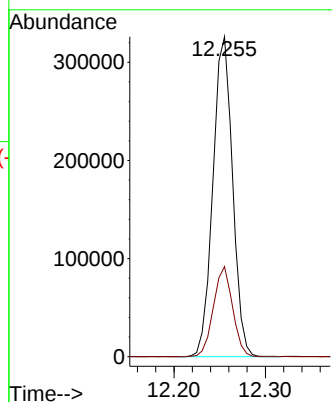
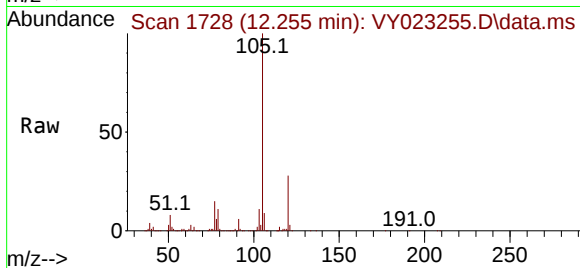
VY0902SBSD01

Tgt Ion:105 Resp: 486448

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 19.410 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Tgt Ion: 43 Resp: 93069

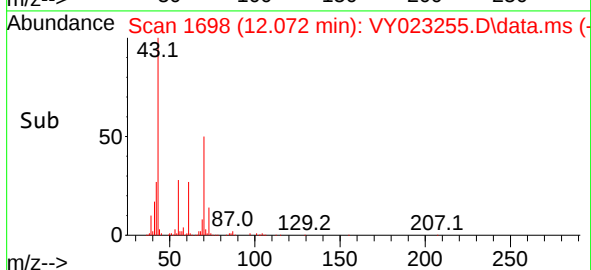
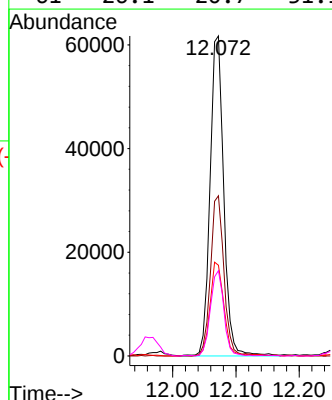
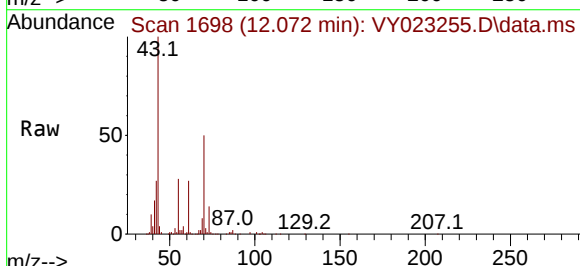
Ion Ratio Lower Upper

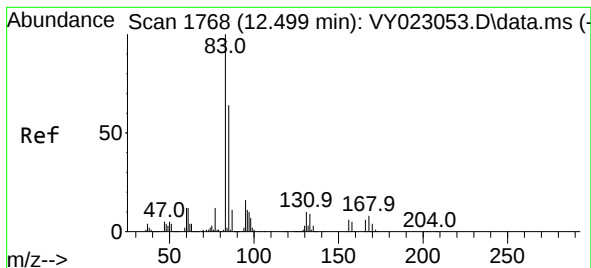
43 100

70 49.3 37.5 56.3

55 29.4 20.7 31.1

61 26.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.376 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBSD01

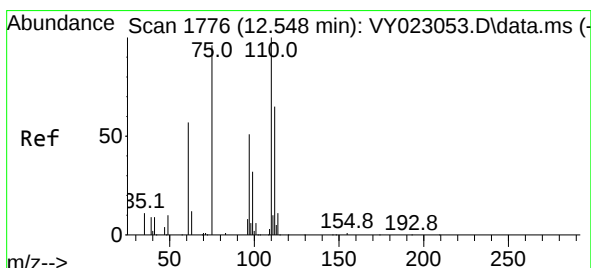
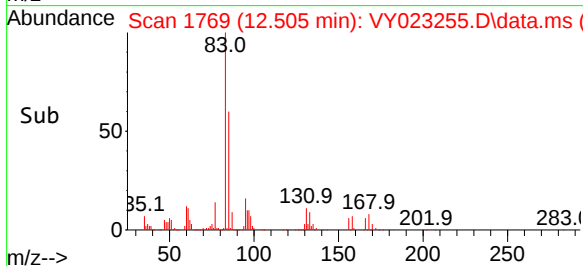
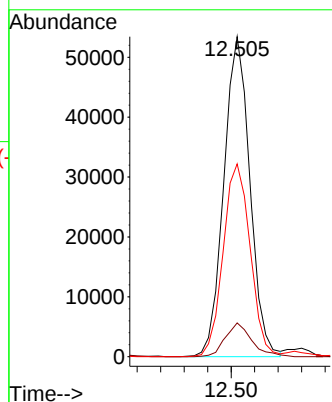
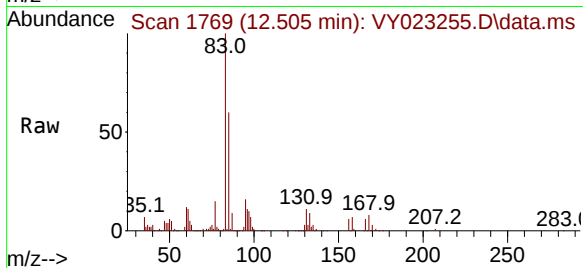
Tgt Ion: 83 Resp: 82523

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 62.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 35.762 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023255.D

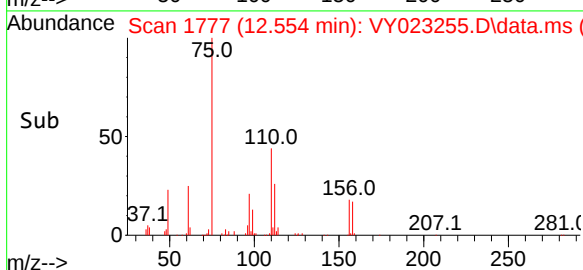
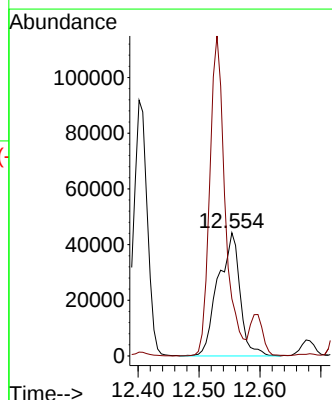
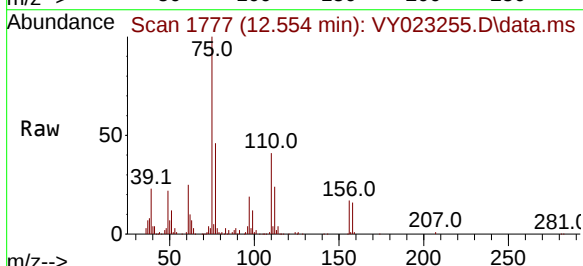
Acq: 02 Sep 2025 10:54

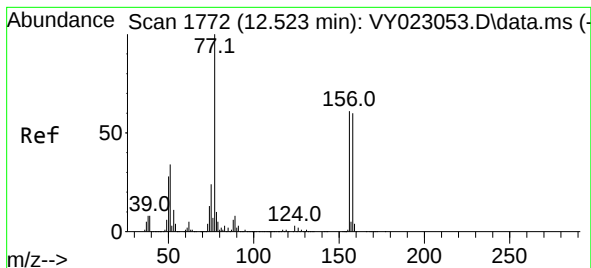
Tgt Ion: 75 Resp: 110565

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.876 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

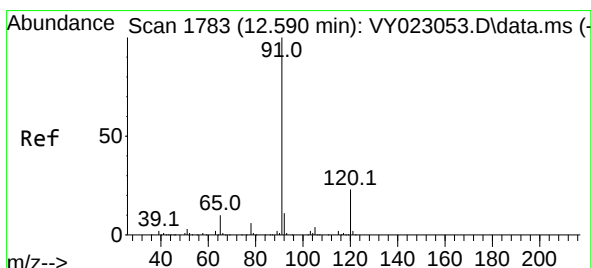
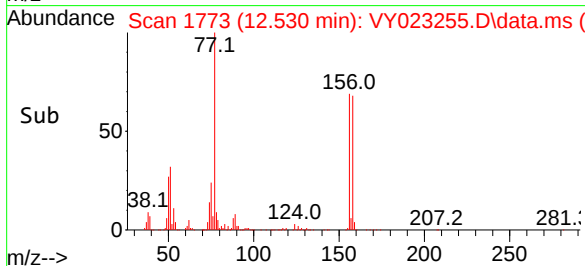
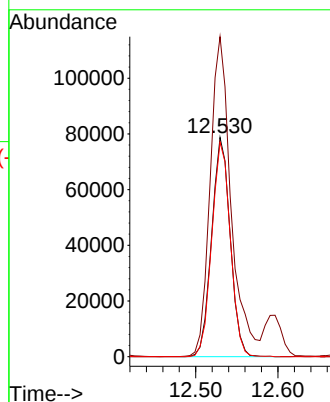
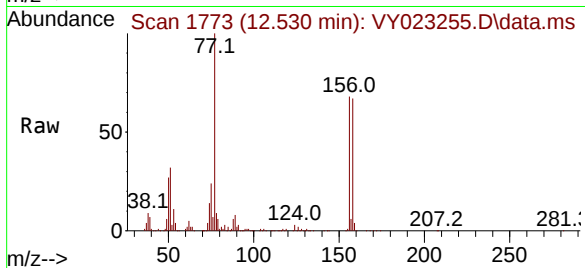
Tgt Ion:156 Resp: 123390

Ion Ratio Lower Upper

156 100

77 165.2 88.1 264.4

158 98.0 48.0 144.0



#78

n-propylbenzene

Concen: 21.797 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023255.D

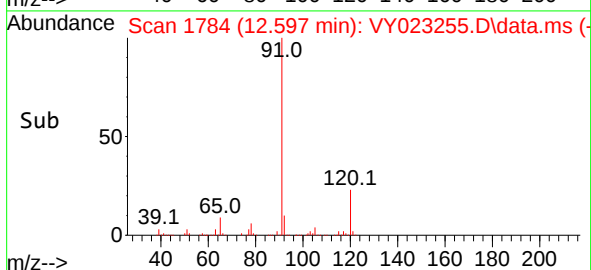
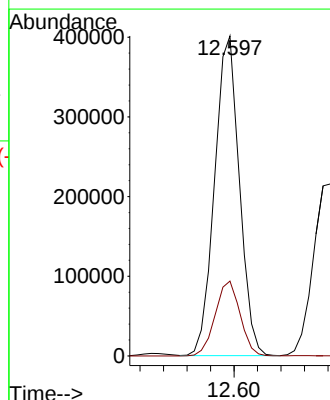
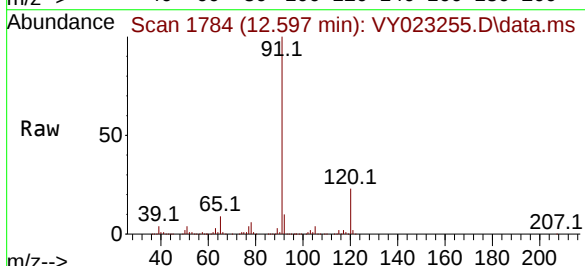
Acq: 02 Sep 2025 10:54

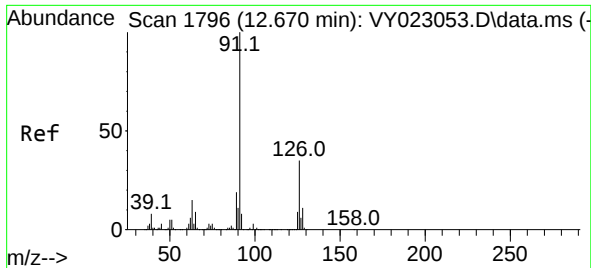
Tgt Ion: 91 Resp: 586750

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5

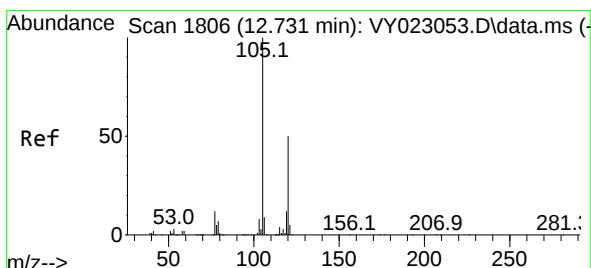
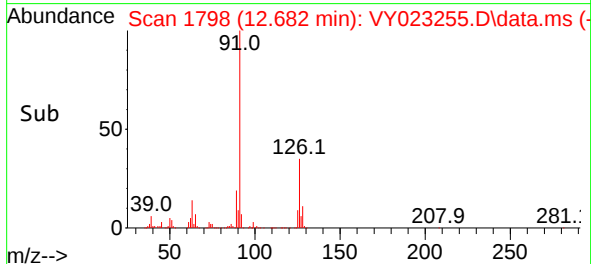
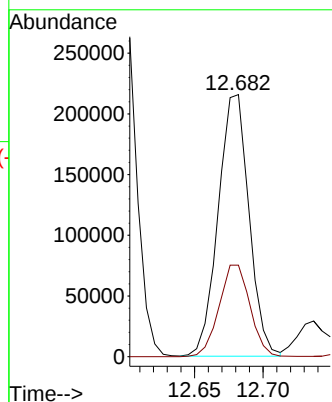
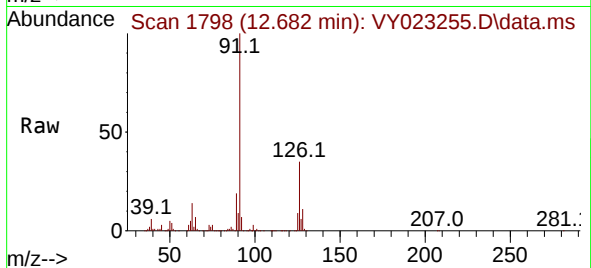




#79
2-Chlorotoluene
Concen: 21.901 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

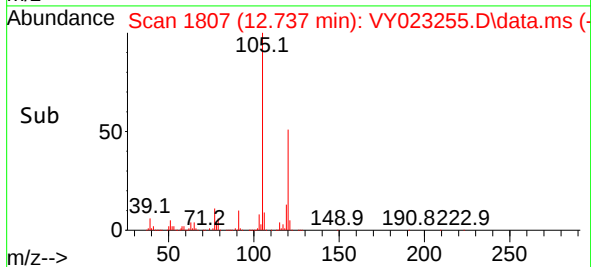
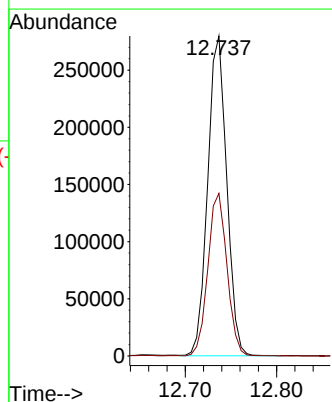
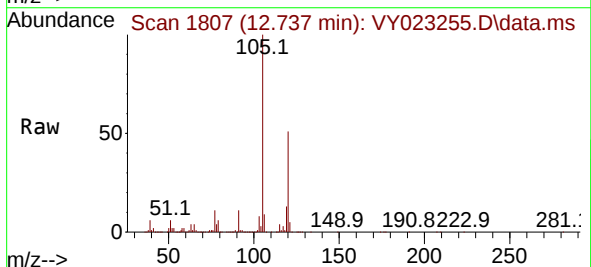
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

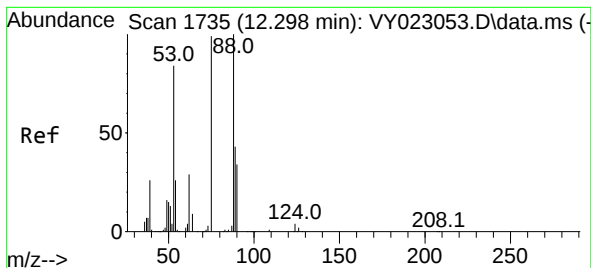
Tgt Ion: 91 Resp: 337780
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 22.094 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 105 Resp: 403714
Ion Ratio Lower Upper
105 100
120 51.0 24.8 74.4

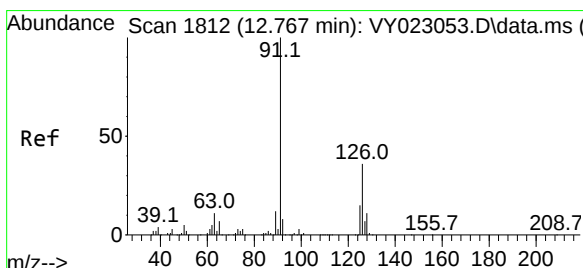
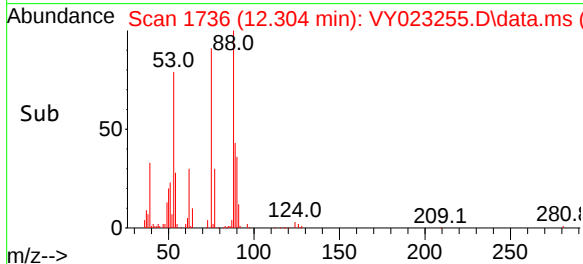
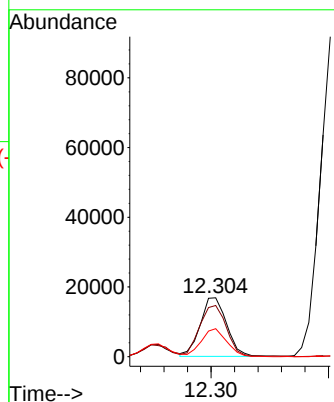
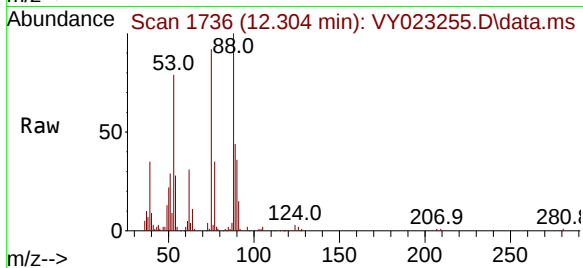




#81
trans-1,4-Dichloro-2-butene
Concen: 20.464 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

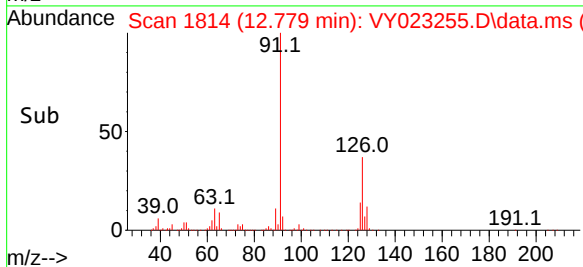
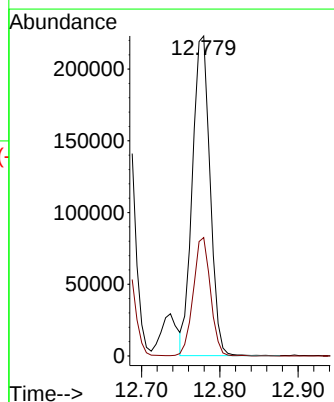
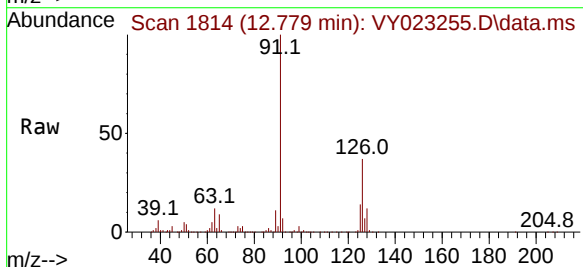
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

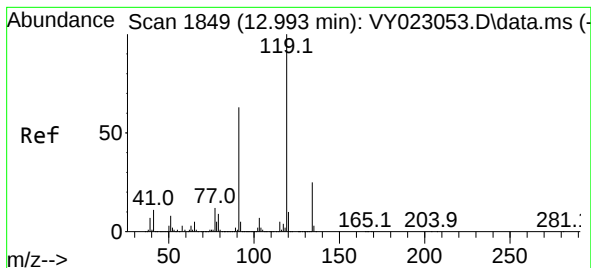
Tgt Ion: 75 Resp: 26136
Ion Ratio Lower Upper
75 100
53 88.3 70.8 106.2
89 45.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 21.819 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 91 Resp: 349101
Ion Ratio Lower Upper
91 100
126 36.2 17.3 52.0





#83

tert-Butylbenzene

Concen: 21.542 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

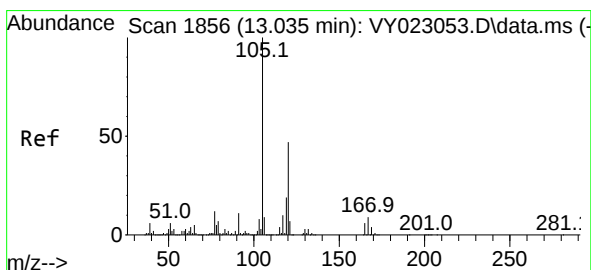
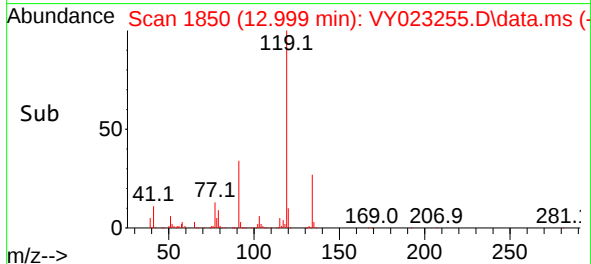
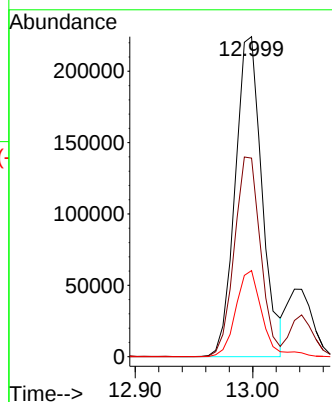
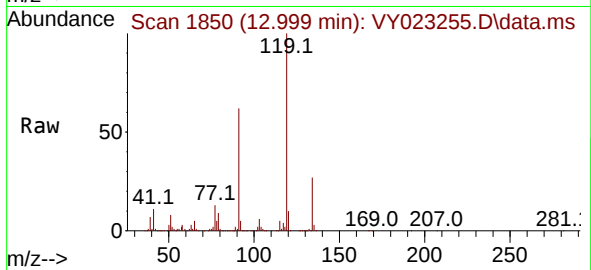
Tgt Ion:119 Resp: 355521

Ion Ratio Lower Upper

119 100

91 61.2 31.6 94.8

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 22.027 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023255.D

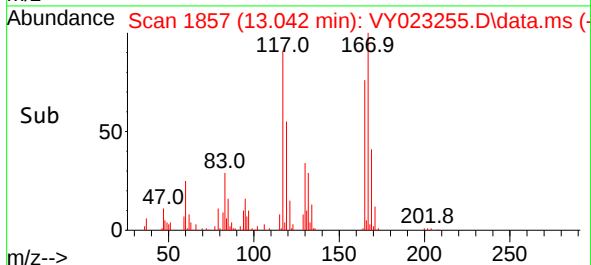
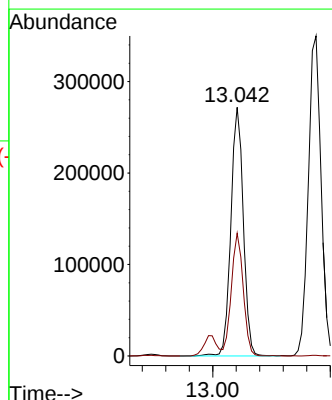
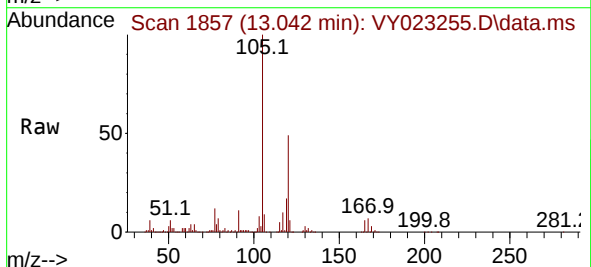
Acq: 02 Sep 2025 10:54

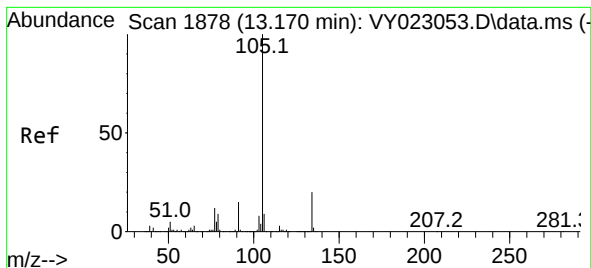
Tgt Ion:105 Resp: 400669

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.665 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

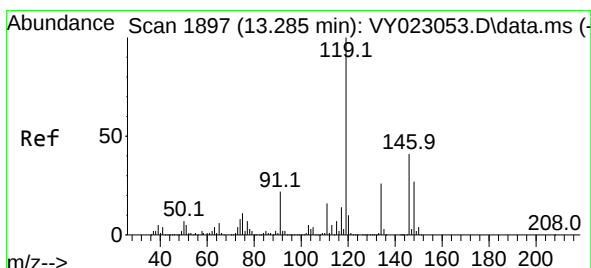
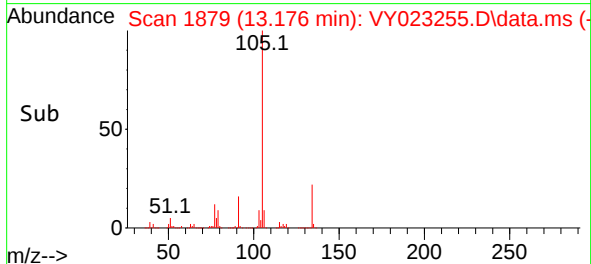
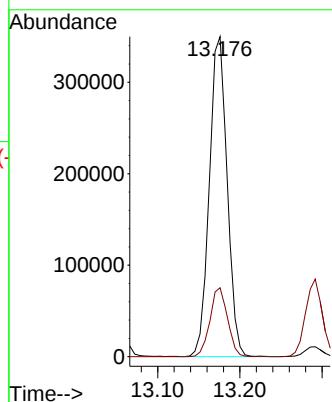
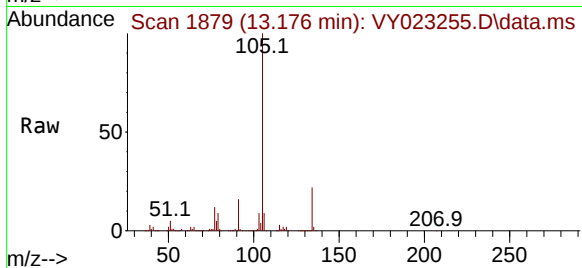
VY0902SBSD01

Tgt Ion:105 Resp: 525239

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 22.245 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

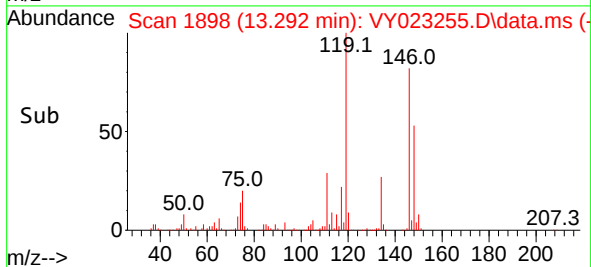
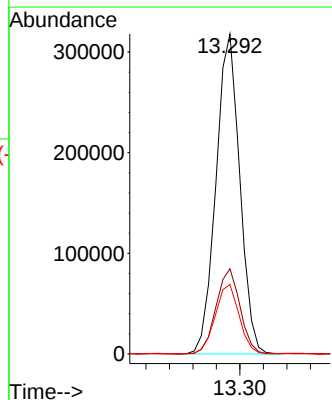
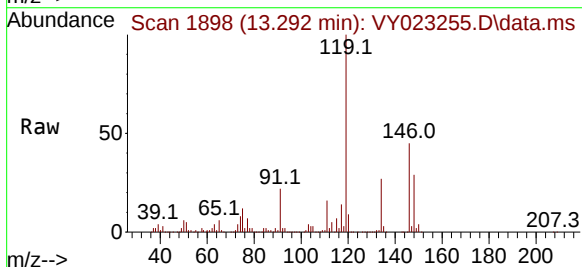
Tgt Ion:119 Resp: 447634

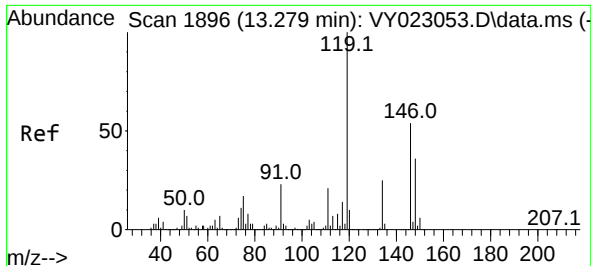
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 21.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 23.460 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

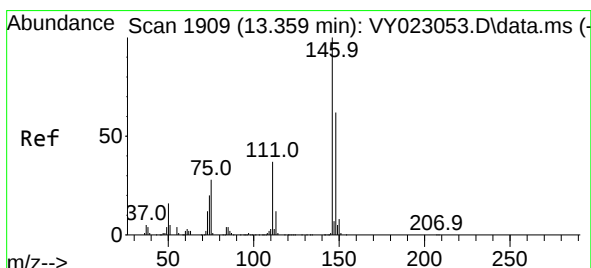
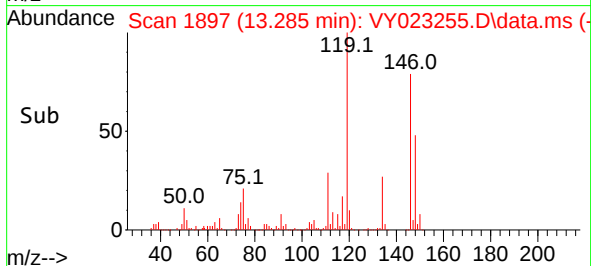
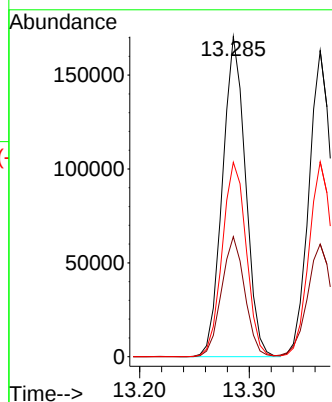
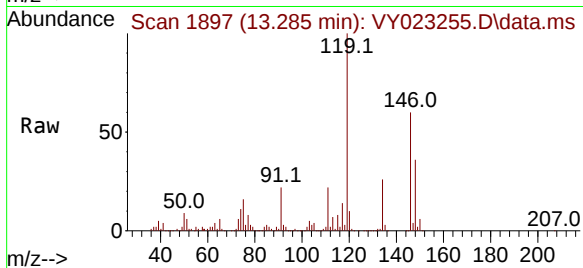
Tgt Ion:146 Resp: 249548

Ion Ratio Lower Upper

146 100

111 37.6 19.6 58.7

148 63.1 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 22.837 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

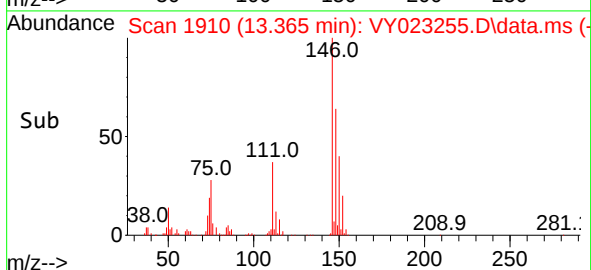
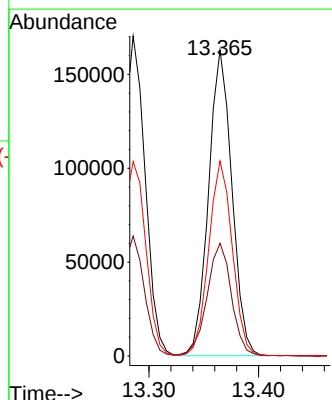
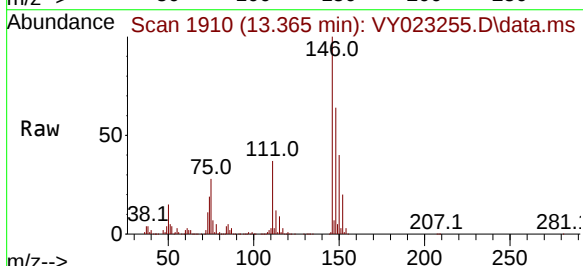
Tgt Ion:146 Resp: 240974

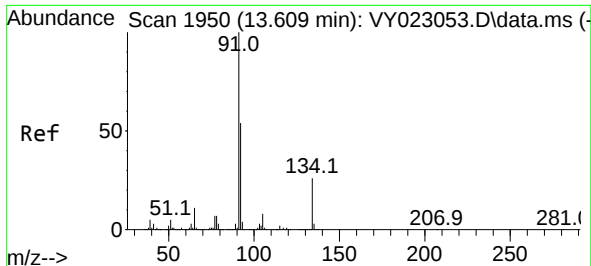
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.1

148 64.8 31.6 94.7

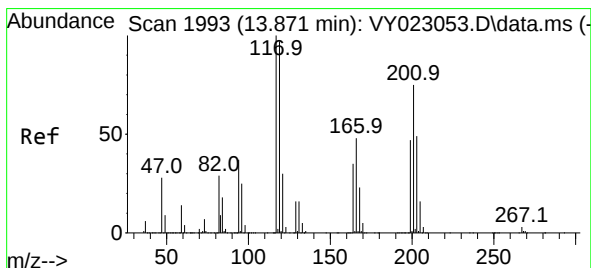
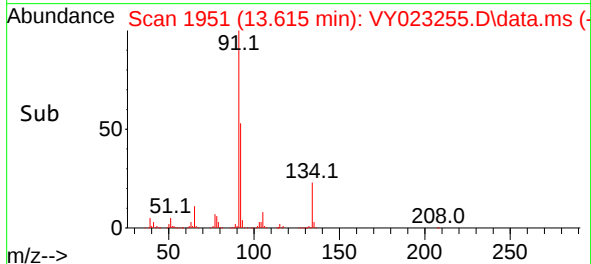
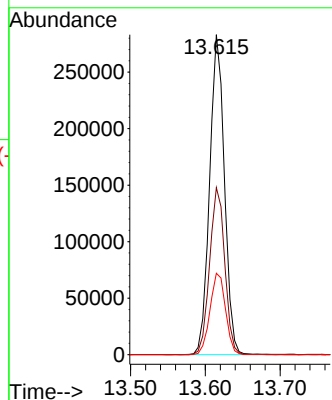
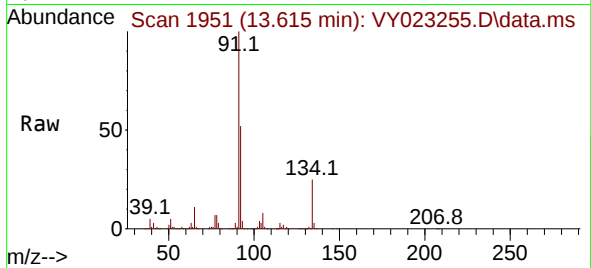




#89
n-Butylbenzene
Concen: 21.116 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

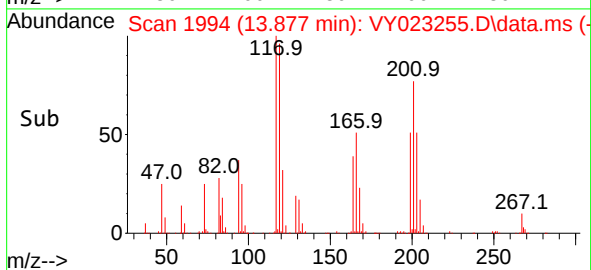
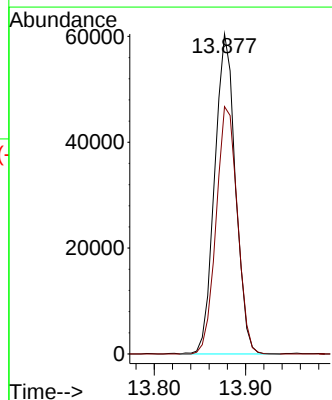
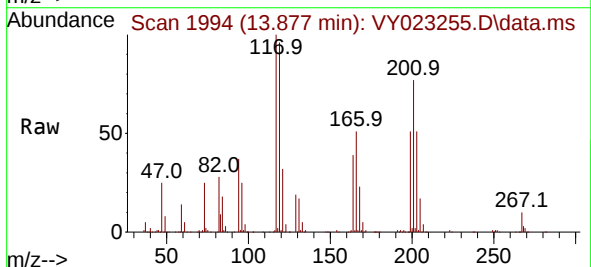
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

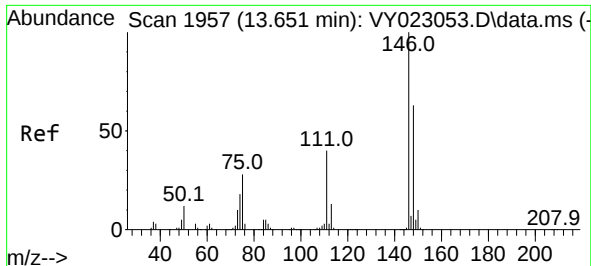
Tgt Ion: 91 Resp: 390272
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 26.7 13.2 39.5



#90
Hexachloroethane
Concen: 23.191 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 117 Resp: 95536
Ion Ratio Lower Upper
117 100
201 79.2 38.4 115.1

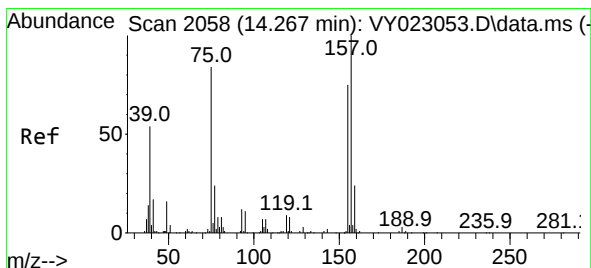
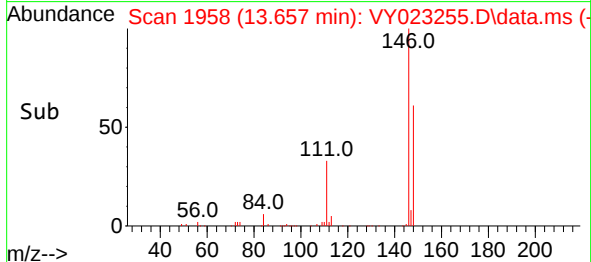
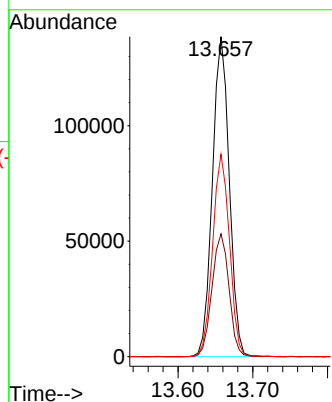
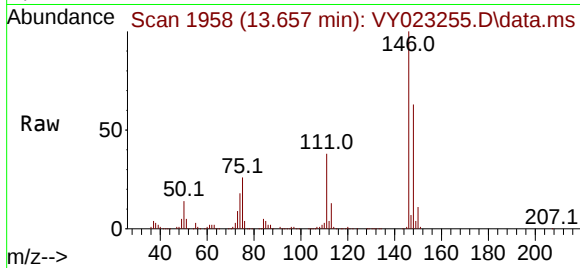




#91
1,2-Dichlorobenzene
Concen: 23.280 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

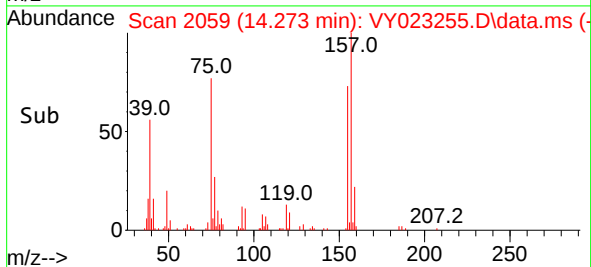
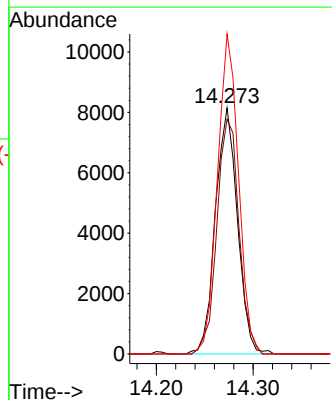
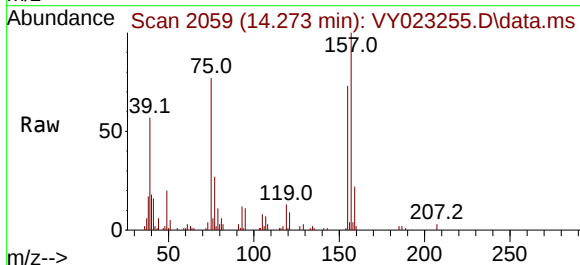
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBSD01

Tgt Ion:146 Resp: 217175
Ion Ratio Lower Upper
146 100
111 38.8 20.3 60.8
148 63.2 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.447 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023255.D
Acq: 02 Sep 2025 10:54

Tgt Ion: 75 Resp: 12891
Ion Ratio Lower Upper
75 100
155 95.7 43.9 131.6
157 124.2 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 23.193 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

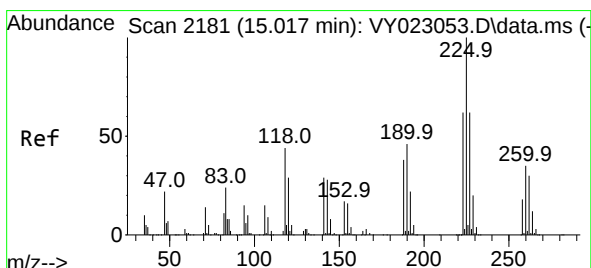
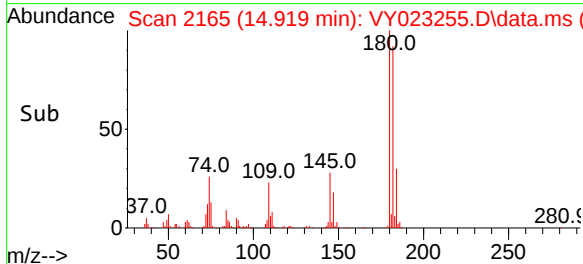
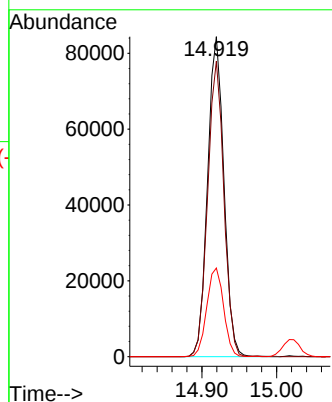
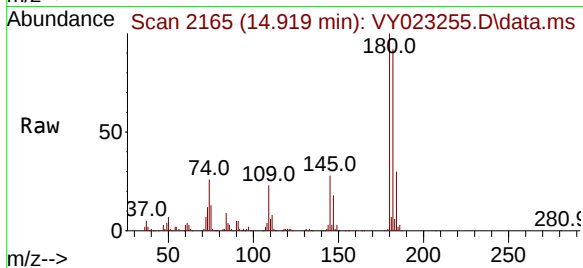
Tgt Ion:180 Resp: 127945

Ion Ratio Lower Upper

180 100

182 91.9 46.8 140.4

145 28.6 14.4 43.4



#94

Hexachlorobutadiene

Concen: 24.357 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

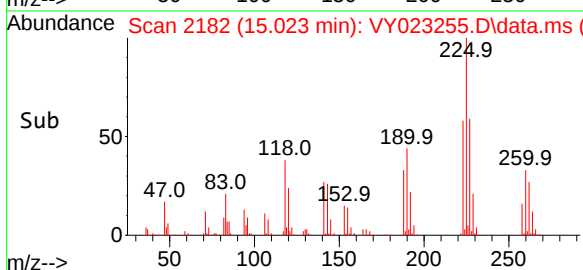
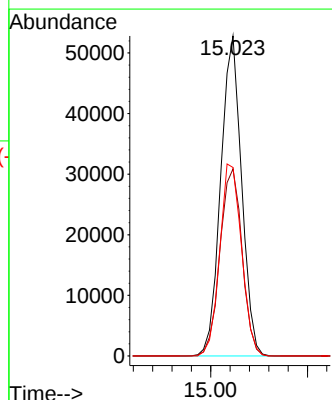
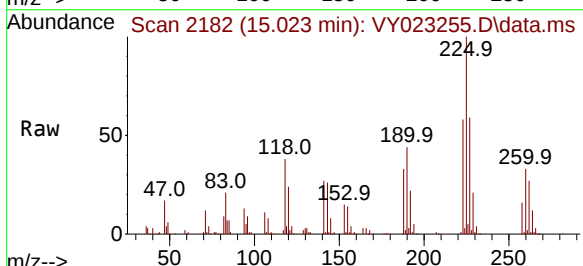
Tgt Ion:225 Resp: 78957

Ion Ratio Lower Upper

225 100

223 61.7 31.3 93.8

227 62.8 31.5 94.5





#95

Naphthalene

Concen: 20.924 ug/l

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBSD01

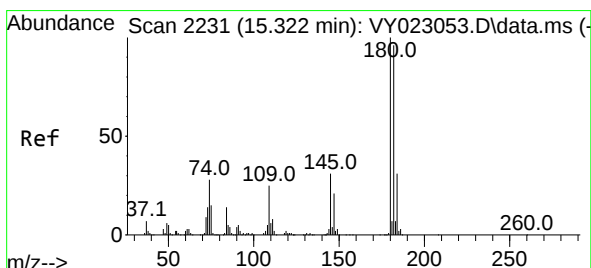
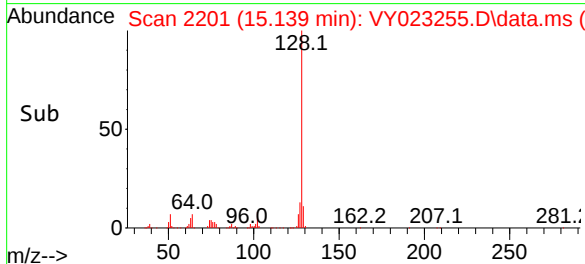
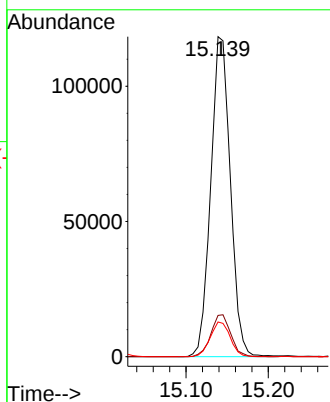
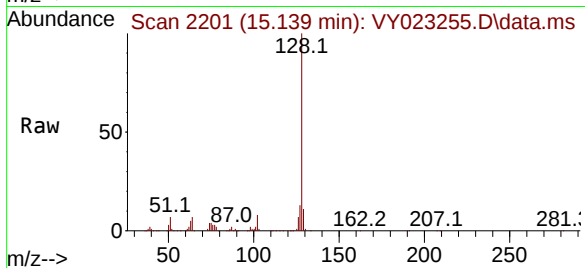
Tgt Ion:128 Resp: 196830

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 23.024 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023255.D

Acq: 02 Sep 2025 10:54

Tgt Ion:180 Resp: 109447

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 30.8 15.9 47.7

