

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023271.D
 Acq On : 03 Sep 2025 11:01
 Operator : SY/MD
 Sample : VY0903SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

Quant Time: Sep 04 01:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	469814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	724754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	631760	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	325334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	203114	45.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.720%
35) Dibromofluoromethane	7.640	113	221047	50.971	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.940%
50) Toluene-d8	10.109	98	840705	49.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.408	95	268817	49.339	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78822	20.554	ug/l	99
3) Chloromethane	2.074	50	117522	18.921	ug/l	99
4) Vinyl Chloride	2.208	62	151635	19.749	ug/l	100
5) Bromomethane	2.592	94	128885	22.477	ug/l	98
6) Chloroethane	2.739	64	102582	20.096	ug/l	97
7) Trichlorofluoromethane	3.056	101	189363	20.283	ug/l	99
8) Diethyl Ether	3.452	74	49429	20.012	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	98166	21.313	ug/l	97
10) Methyl Iodide	4.007	142	101440	20.410	ug/l	99
11) Tert butyl alcohol	4.860	59	24369	79.429	ug/l	100
12) 1,1-Dichloroethene	3.793	96	94139	20.794	ug/l	92
13) Acrolein	3.659	56	17670	39.326	ug/l	99
14) Allyl chloride	4.385	41	120058	18.022	ug/l	96
15) Acrylonitrile	5.055	53	92251	91.867	ug/l	99
16) Acetone	3.873	43	121672	125.427	ug/l	97
17) Carbon Disulfide	4.110	76	285187	19.319	ug/l	99
18) Methyl Acetate	4.391	43	50496	17.492	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	221192	18.854	ug/l	96
20) Methylene Chloride	4.616	84	122385	22.801	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	106636	20.959	ug/l	91
22) Diisopropyl ether	6.025	45	271468	18.753	ug/l	96
23) Vinyl Acetate	5.964	43	717336	89.617	ug/l	98
24) 1,1-Dichloroethane	5.915	63	179275	20.256	ug/l	99
25) 2-Butanone	6.896	43	138044	104.633	ug/l	99
26) 2,2-Dichloropropane	6.890	77	159307	20.860	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	121703	20.692	ug/l	96
28) Bromochloromethane	7.250	49	68732	19.575	ug/l	91
29) Tetrahydrofuran	7.262	42	69652	85.171	ug/l	96
30) Chloroform	7.421	83	194027	21.257	ug/l	98
31) Cyclohexane	7.707	56	150713	18.071	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	170169	21.011	ug/l	99
36) 1,1-Dichloropropene	7.835	75	133638	20.735	ug/l	98
37) Ethyl Acetate	6.988	43	49969	18.457	ug/l	98
38) Carbon Tetrachloride	7.823	117	153357	21.908	ug/l	97
39) Methylcyclohexane	9.109	83	168442	19.847	ug/l	98
40) Benzene	8.085	78	423721	21.331	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	68733	43.990	ug/l #	32
42) 1,2-Dichloroethane	8.158	62	106307	20.577	ug/l	98
43) Isopropyl Acetate	8.201	43	98696	18.037	ug/l	98
44) Trichloroethene	8.866	130	117073	22.806	ug/l	96
45) 1,2-Dichloropropane	9.140	63	94969	20.778	ug/l	96
46) Dibromomethane	9.231	93	55865	21.295	ug/l	95
47) Bromodichloromethane	9.426	83	143229	21.218	ug/l	100
48) Methyl methacrylate	9.225	41	45187	17.257	ug/l	92
49) 1,4-Dioxane	9.225	88	11387	370.192	ug/l	87
51) 4-Methyl-2-Pentanone	9.999	43	255647	90.572	ug/l	100
52) Toluene	10.170	92	269026	21.324	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	121784	19.923	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	147828	20.452	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	74868	21.328	ug/l	97
56) Ethyl methacrylate	10.438	69	83730	18.641	ug/l	96
57) 1,3-Dichloropropane	10.719	76	122171	20.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	184625	87.137	ug/l	97
59) 2-Hexanone	10.762	43	189500	98.596	ug/l	99
60) Dibromochloromethane	10.914	129	102855	22.206	ug/l	99
61) 1,2-Dibromoethane	11.018	107	72102	21.854	ug/l	97
64) Tetrachloroethene	10.652	164	139262	24.687	ug/l	98
65) Chlorobenzene	11.444	112	299598	21.985	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	103005	22.272	ug/l	98
67) Ethyl Benzene	11.517	91	486823	20.759	ug/l	98
68) m/p-Xylenes	11.633	106	396069	43.243	ug/l	96
69) o-Xylene	11.956	106	182131	21.232	ug/l	98
70) Styrene	11.969	104	300450	21.417	ug/l	99
71) Bromoform	12.133	173	59021	21.835	ug/l #	99
73) Isopropylbenzene	12.255	105	468054	20.384	ug/l	99
74) N-amyl acetate	12.072	43	79277	16.281	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	73172	18.663	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	101361	32.282	ug/l #	100
77) Bromobenzene	12.529	156	117731	21.492	ug/l	93
78) n-propylbenzene	12.597	91	566256	20.714	ug/l	99
79) 2-Chlorotoluene	12.682	91	322923	20.617	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	389510	20.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24727	19.064	ug/l	97
82) 4-Chlorotoluene	12.779	91	333594	20.531	ug/l	97
83) tert-Butylbenzene	12.999	119	347901	20.757	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	388077	21.008	ug/l	100
85) sec-Butylbenzene	13.176	105	514644	20.903	ug/l	100
86) p-Isopropyltoluene	13.292	119	426607	20.875	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	235452	21.796	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	231937	21.644	ug/l	99
89) n-Butylbenzene	13.615	91	375471	20.004	ug/l	98
90) Hexachloroethane	13.877	117	92942	22.216	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	206458	21.792	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11587	18.982	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	118172	21.093	ug/l	99
94) Hexachlorobutadiene	15.023	225	73853	22.433	ug/l	98
95) Naphthalene	15.145	128	175104	18.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	99855	20.684	ug/l	99

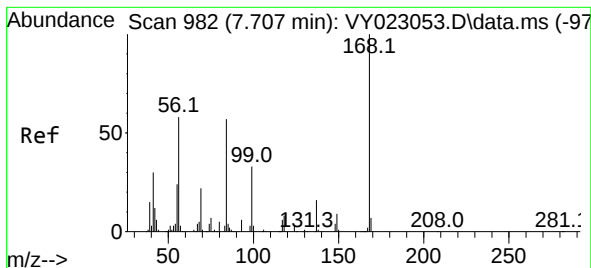
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

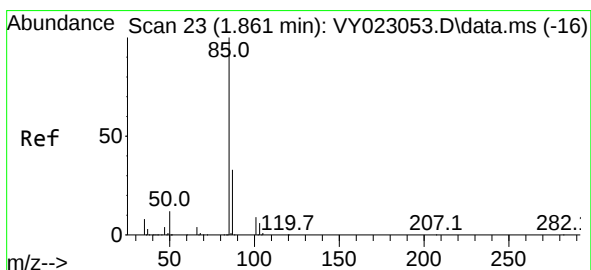
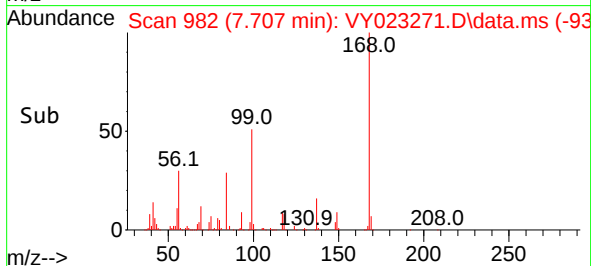
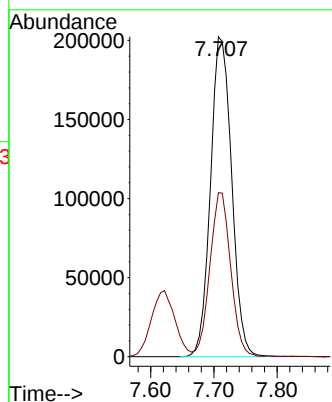
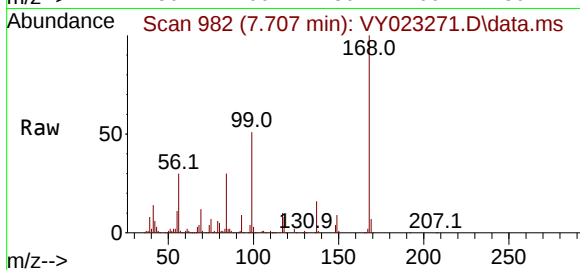
VY0903SBS01

Tgt Ion:168 Resp: 469814

Ion Ratio Lower Upper

168 100

99 51.2 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 20.554 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023271.D

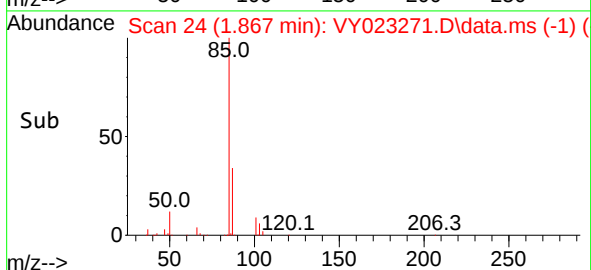
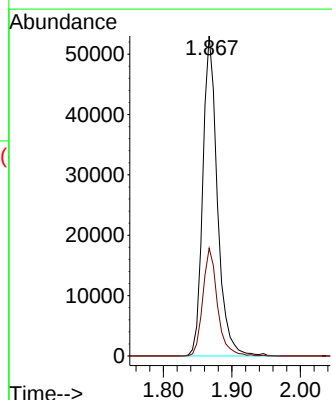
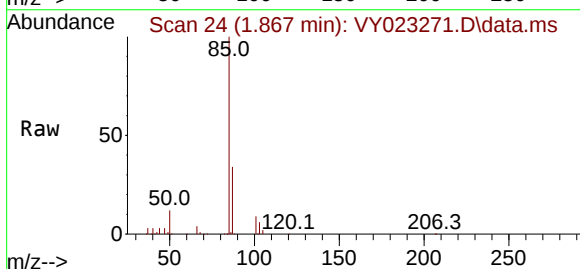
Acq: 03 Sep 2025 11:01

Tgt Ion: 85 Resp: 78822

Ion Ratio Lower Upper

85 100

87 33.7 16.6 49.8

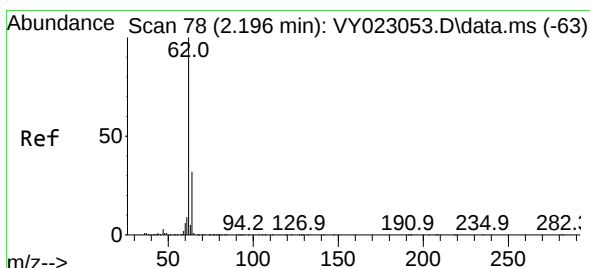
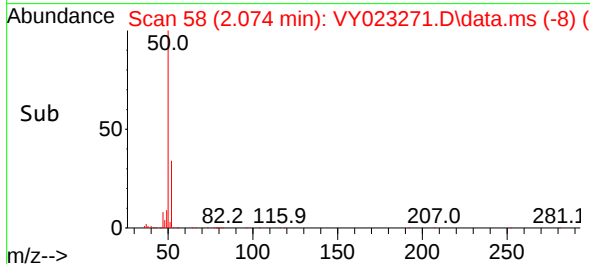
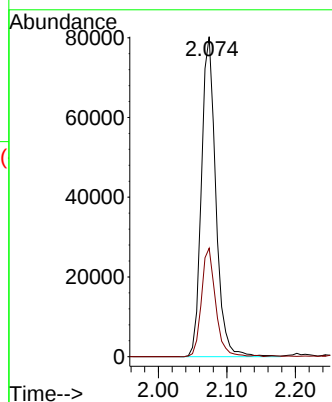
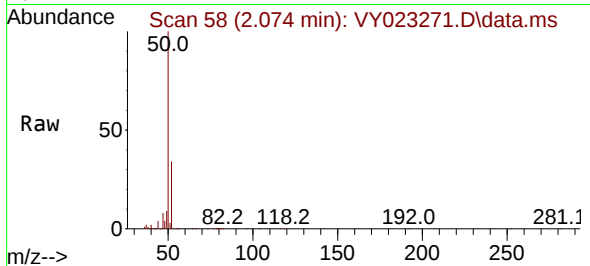




#3
Chloromethane
Concen: 18.921 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

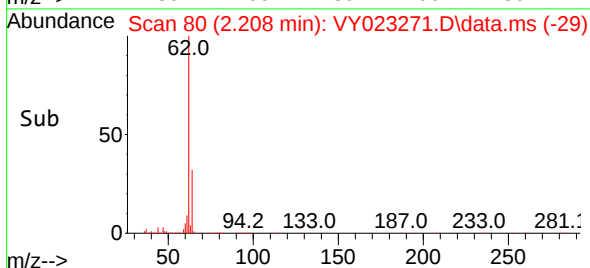
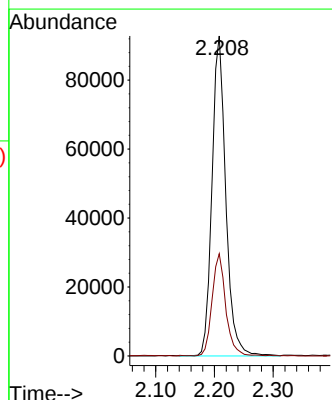
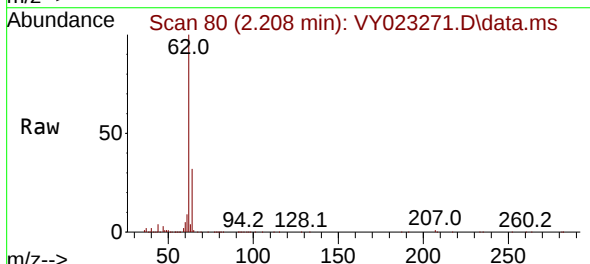
Instrument :
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ClientSampleId :
VY0903SBS01

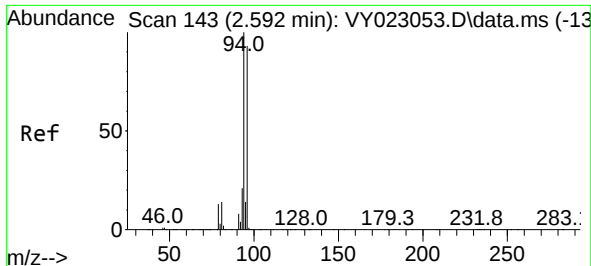
Tgt Ion: 50 Resp: 117522
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 19.749 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 62 Resp: 151635
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

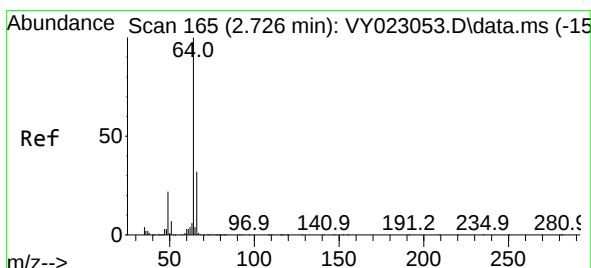
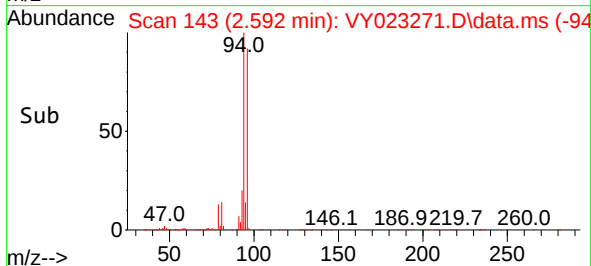
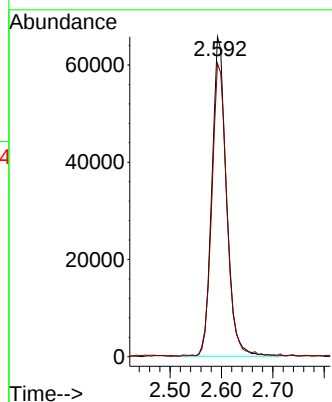
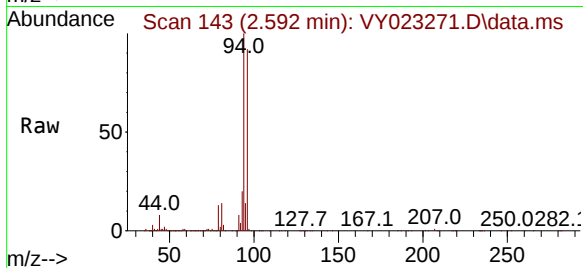




#5
Bromomethane
Concen: 22.477 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

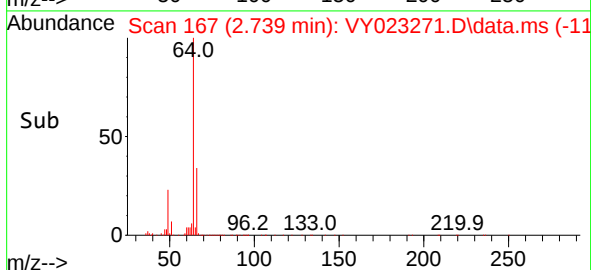
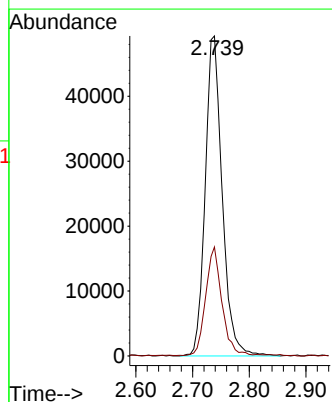
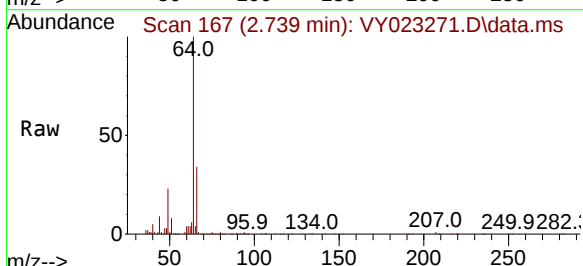
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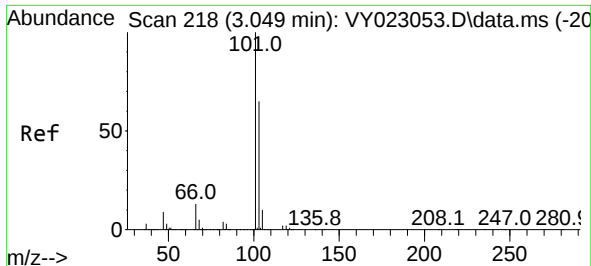
Tgt Ion: 94 Resp: 128885
Ion Ratio Lower Upper
94 100
96 91.6 74.6 112.0



#6
Chloroethane
Concen: 20.096 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 64 Resp: 102582
Ion Ratio Lower Upper
64 100
66 33.9 25.8 38.6

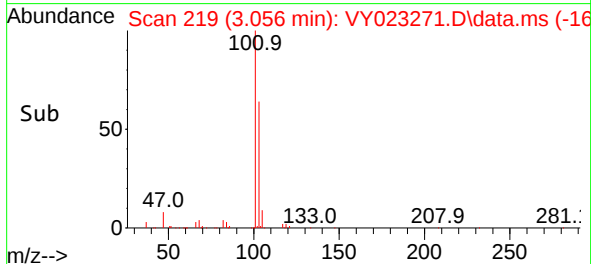
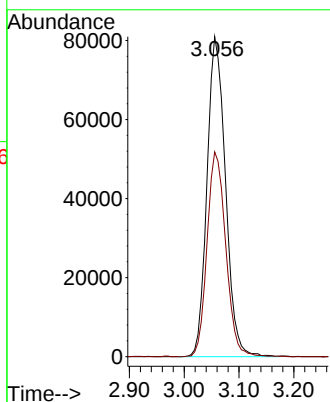
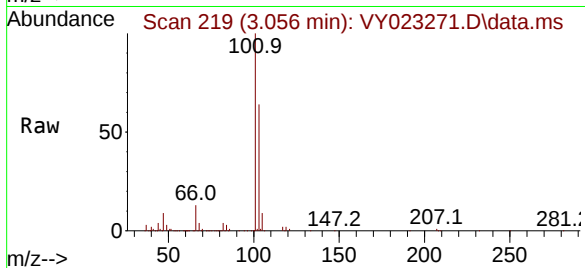




#7
Trichlorofluoromethane
Concen: 20.283 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

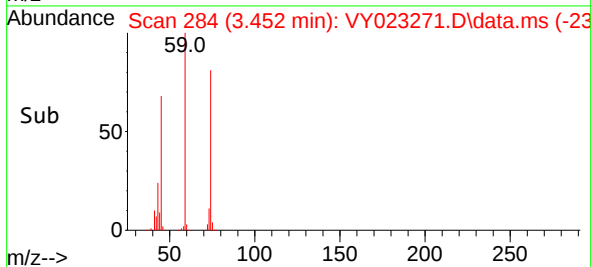
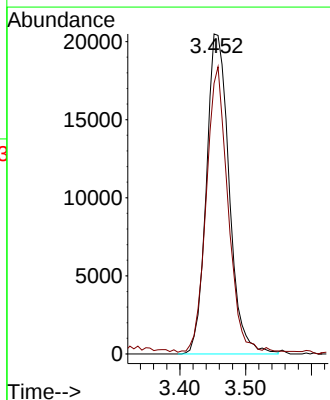
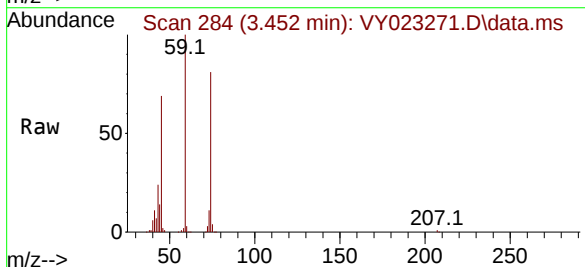
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion:101 Resp: 189363
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9



#8
Diethyl Ether
Concen: 20.012 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 74 Resp: 49429
Ion Ratio Lower Upper
74 100
45 84.3 44.4 133.2

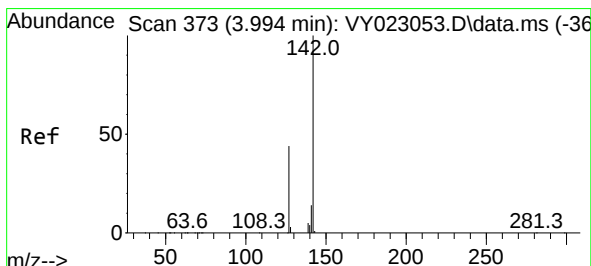
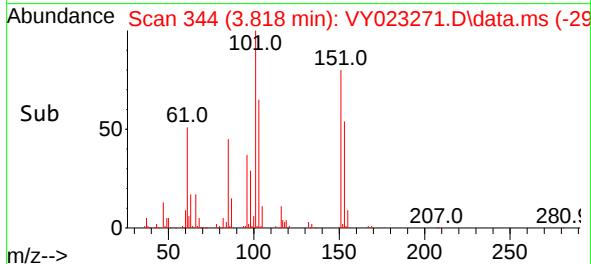
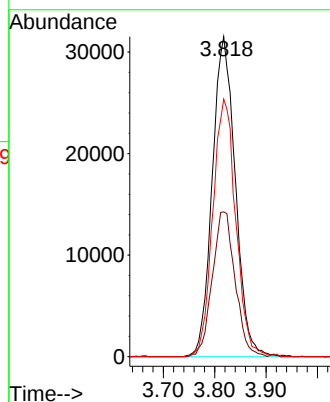
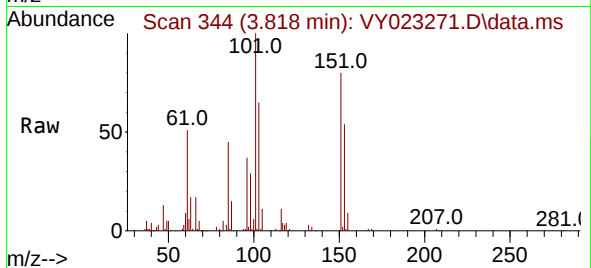




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.313 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

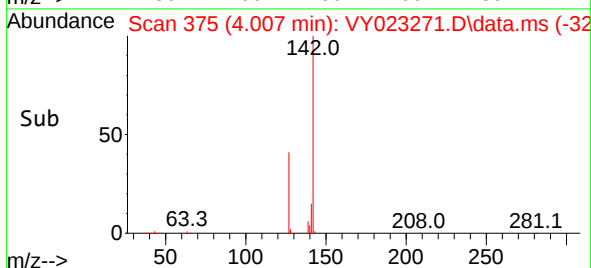
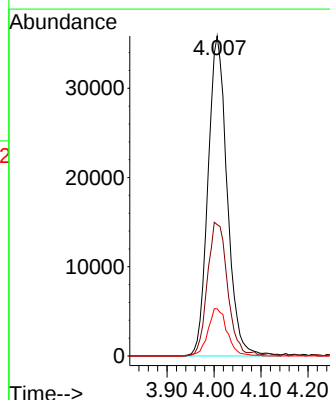
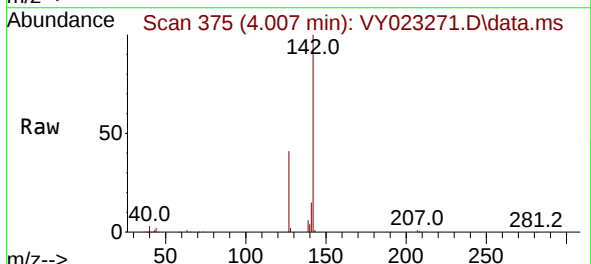
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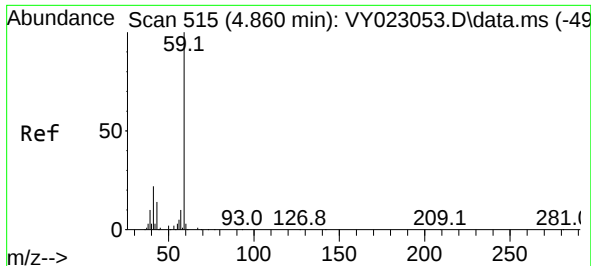
Tgt Ion:101 Resp: 98166
Ion Ratio Lower Upper
101 100
85 44.7 36.3 54.5
151 80.1 61.5 92.3



#10
Methyl Iodide
Concen: 20.410 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion:142 Resp: 101440
Ion Ratio Lower Upper
142 100
127 44.1 34.9 52.3
141 14.9 11.3 16.9

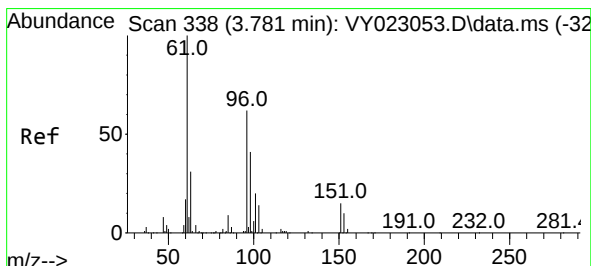
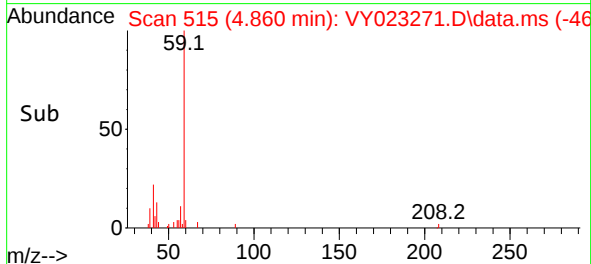
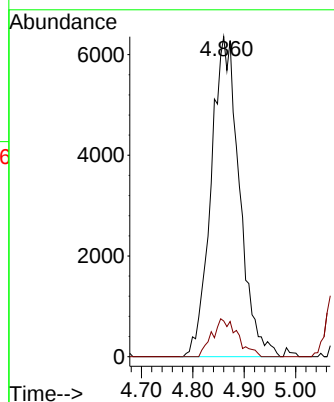
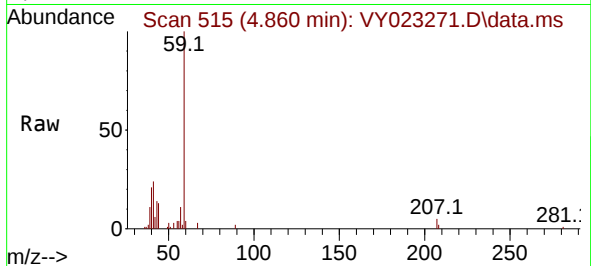




#11
Tert butyl alcohol
Concen: 79.429 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

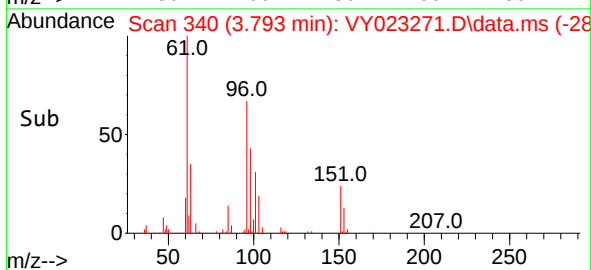
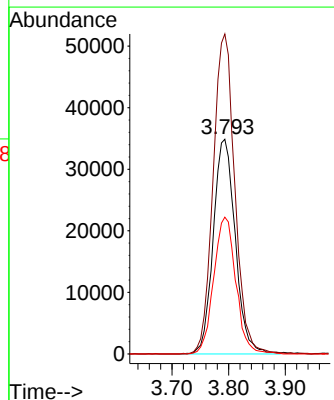
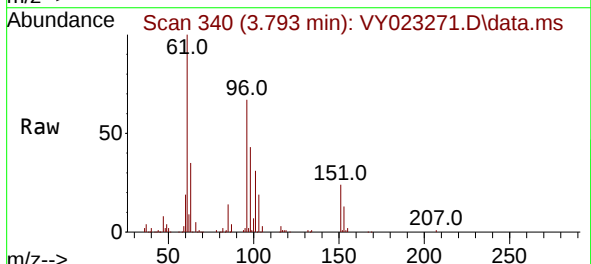
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

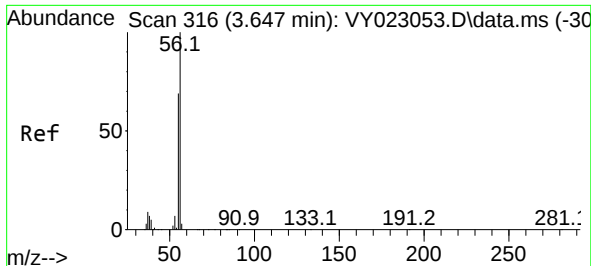
Tgt Ion: 59 Resp: 24369
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 20.794 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 96 Resp: 94139
Ion Ratio Lower Upper
96 100
61 149.0 129.4 194.2
98 63.7 52.8 79.2

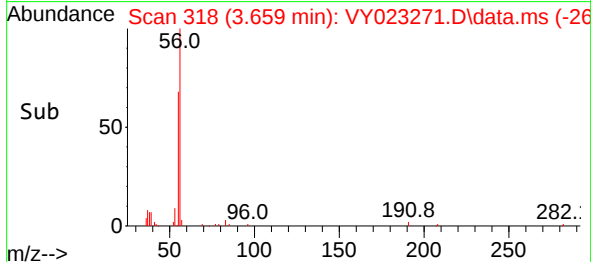
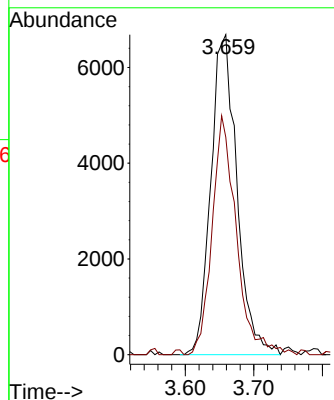
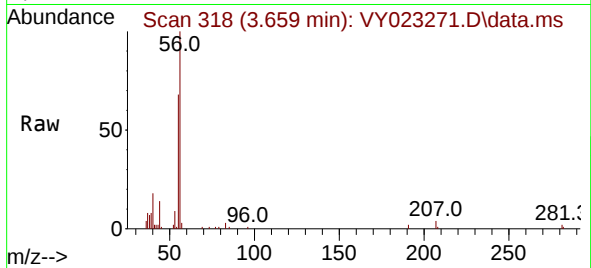




#13
Acrolein
Concen: 39.326 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

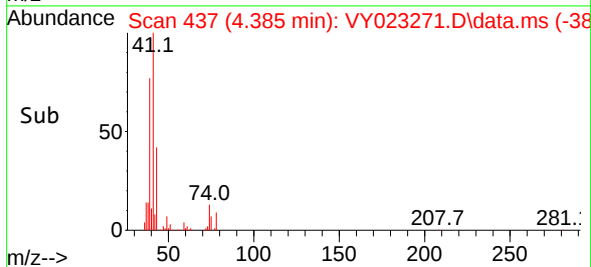
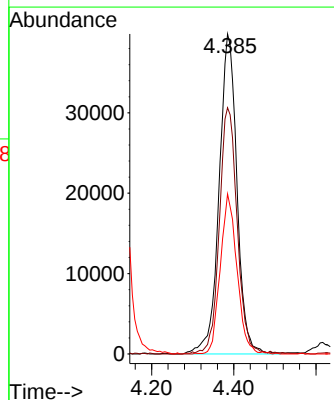
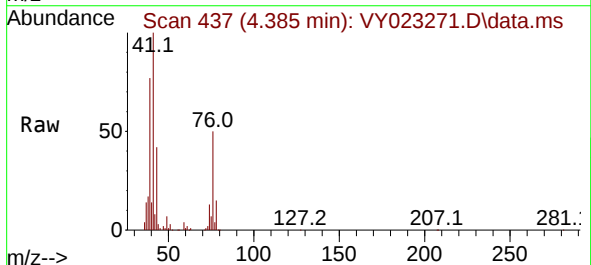
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

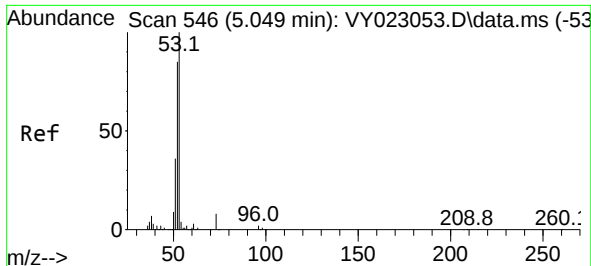
Tgt Ion: 56 Resp: 17670
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8



#14
Allyl chloride
Concen: 18.022 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 41 Resp: 120058
Ion Ratio Lower Upper
41 100
39 76.9 59.8 89.6
76 45.9 33.7 50.5

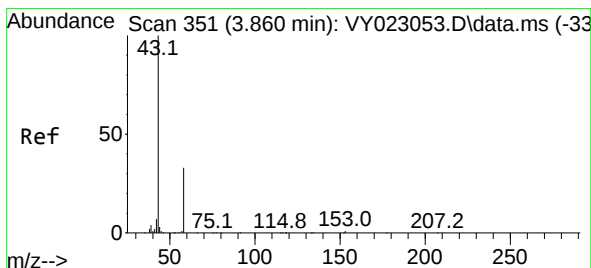
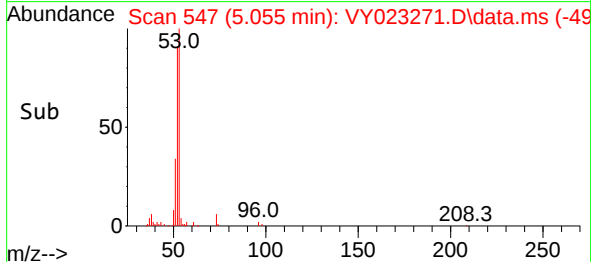
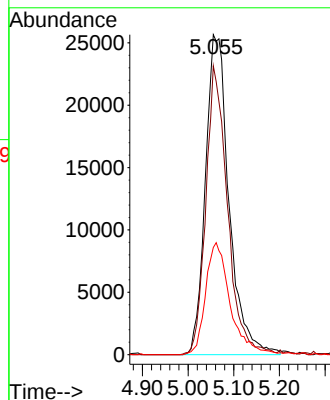
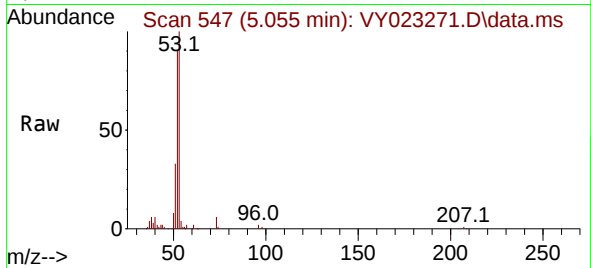




#15
Acrylonitrile
Concen: 91.867 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

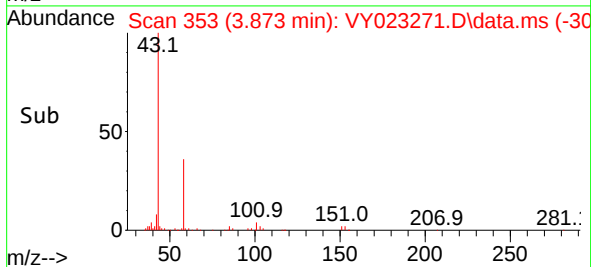
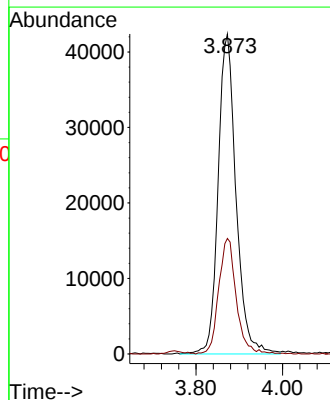
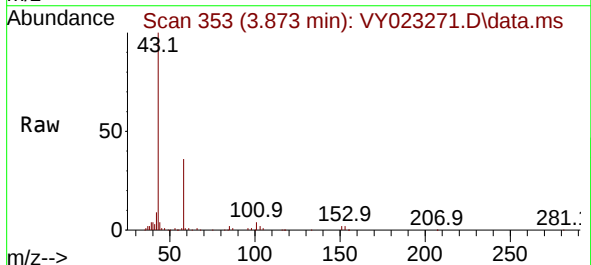
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

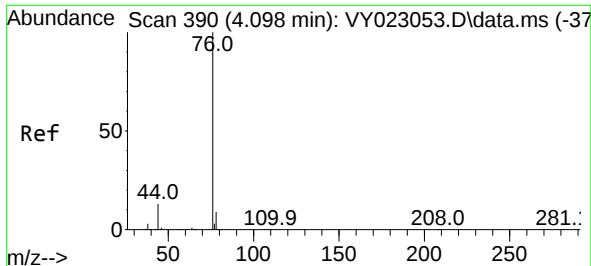
Tgt Ion: 53 Resp: 92251
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.4 29.5 44.3



#16
Acetone
Concen: 125.427 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 43 Resp: 121672
Ion Ratio Lower Upper
43 100
58 35.9 27.1 40.7

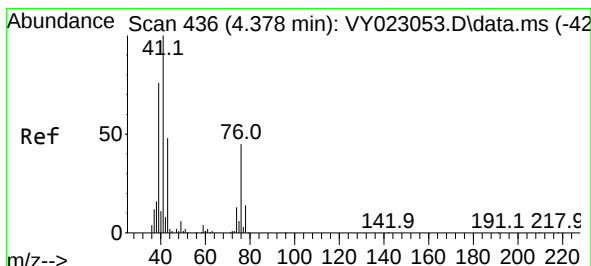
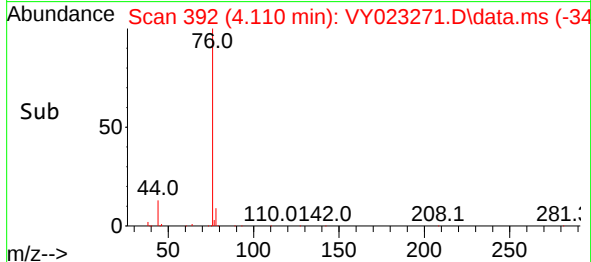
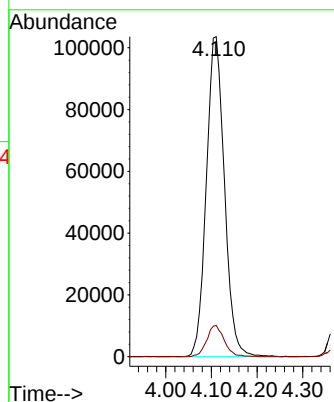
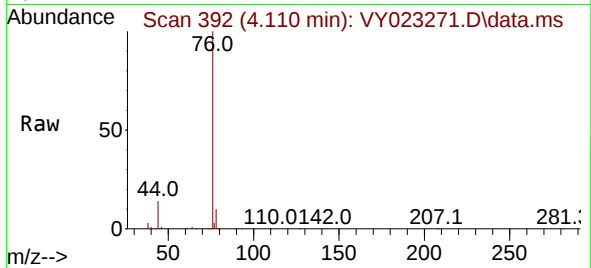




#17
Carbon Disulfide
Concen: 19.319 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

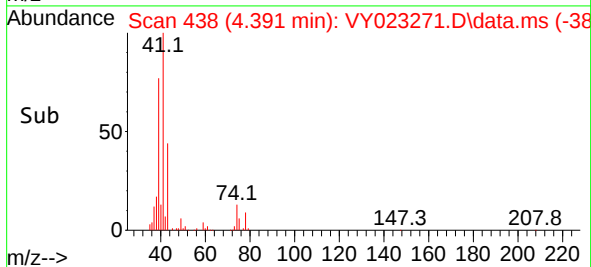
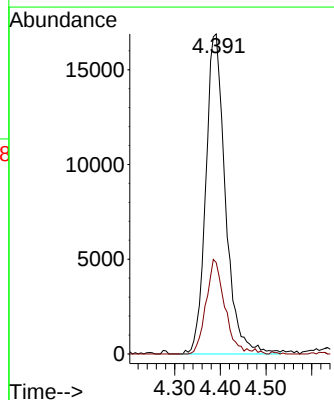
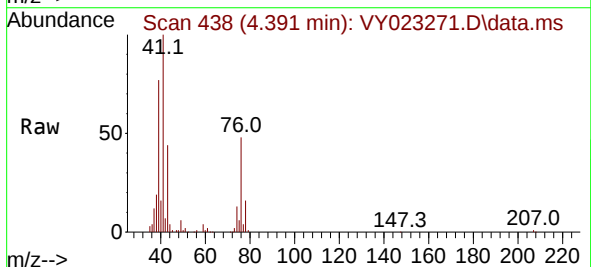
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

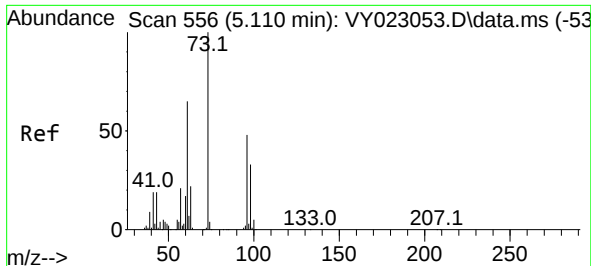
Tgt Ion: 76 Resp: 285187
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 17.492 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 43 Resp: 50496
Ion Ratio Lower Upper
43 100
74 28.2 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 18.854 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

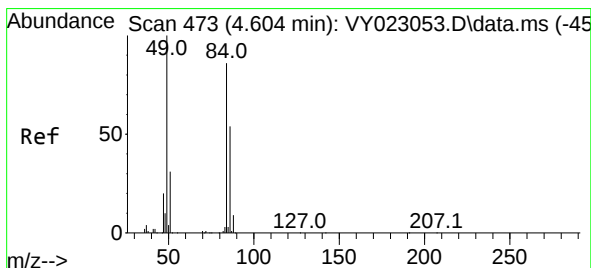
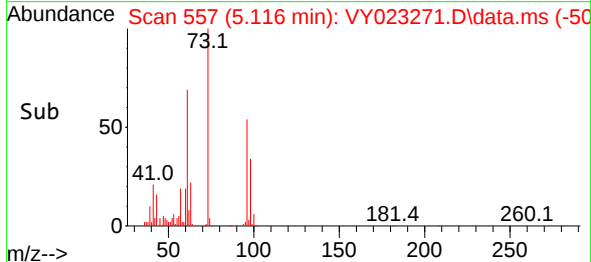
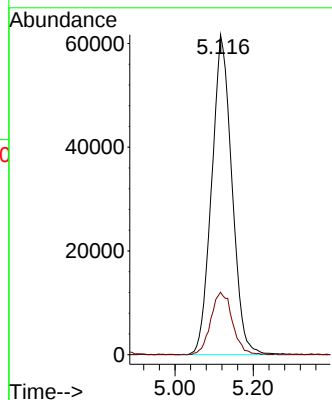
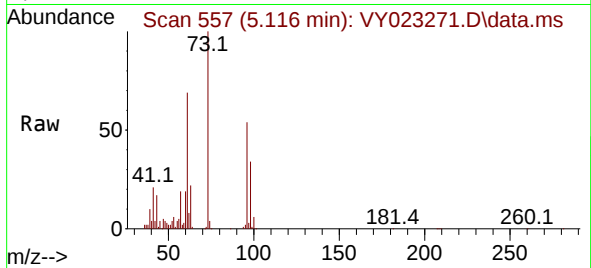
VY0903SBS01

Tgt Ion: 73 Resp: 221192

Ion Ratio Lower Upper

73 100

57 19.5 17.1 25.7



#20

Methylene Chloride

Concen: 22.801 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Tgt Ion: 84 Resp: 122385

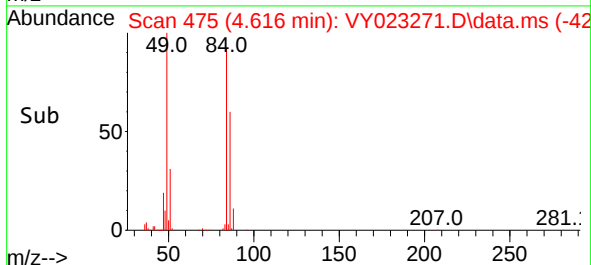
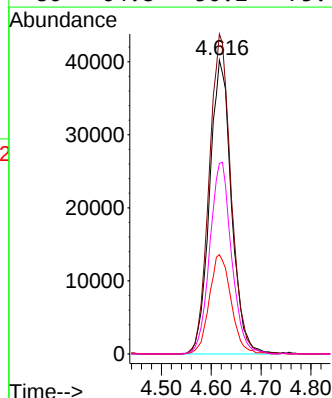
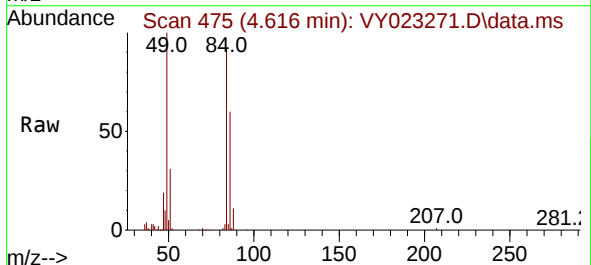
Ion Ratio Lower Upper

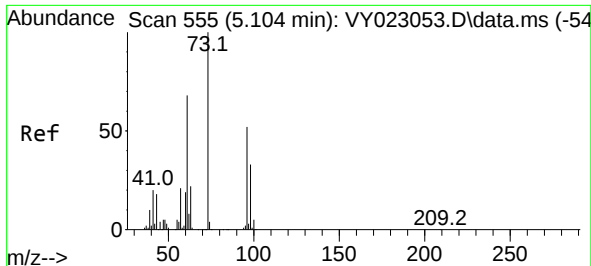
84 100

49 108.9 93.0 139.6

51 33.8 29.0 43.4

86 64.8 50.2 75.4

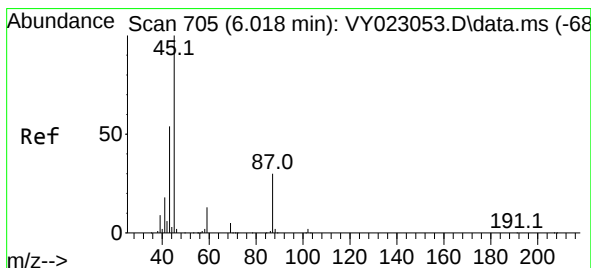
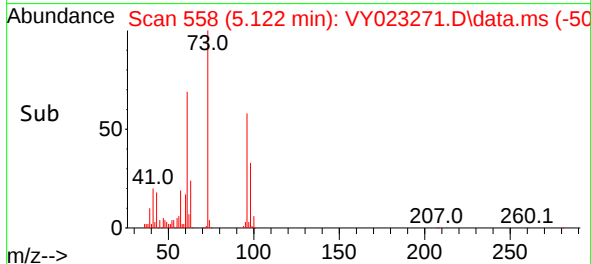
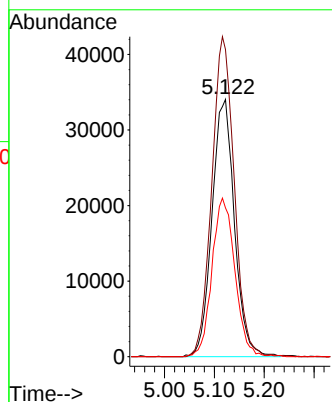
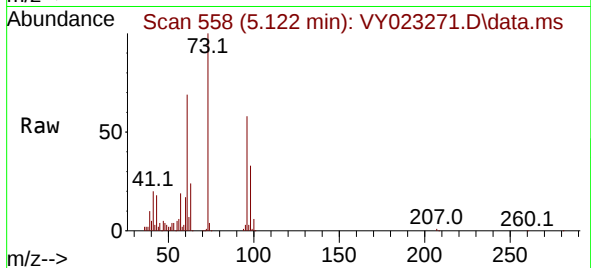




#21
trans-1,2-Dichloroethene
Concen: 20.959 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

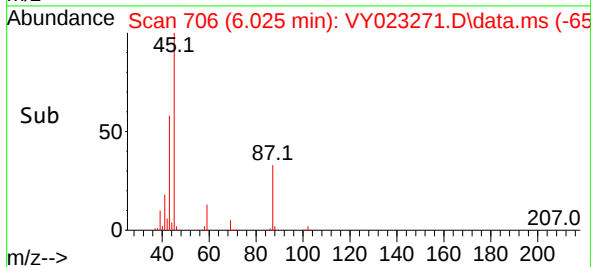
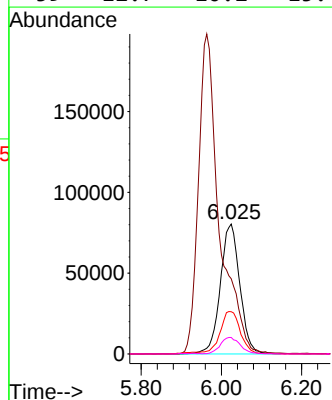
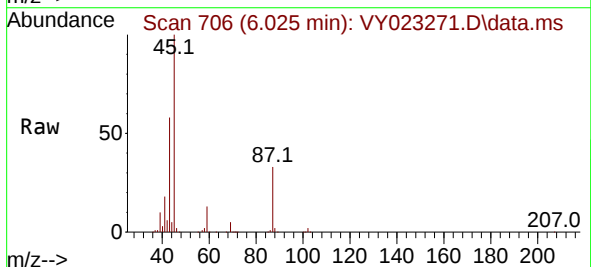
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion: 96 Resp: 106636
Ion Ratio Lower Upper
96 100
61 119.4 104.8 157.2
98 57.8 50.1 75.1



#22
Diisopropyl ether
Concen: 18.753 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 45 Resp: 271468
Ion Ratio Lower Upper
45 100
43 57.6 43.4 65.0
87 32.4 24.4 36.6
59 12.7 10.2 15.4

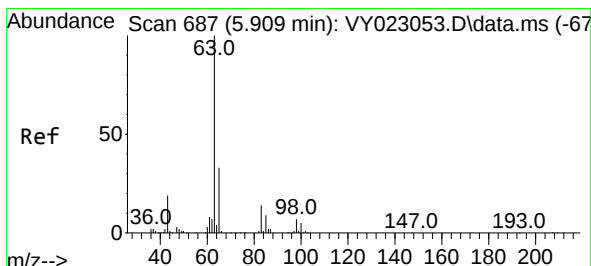
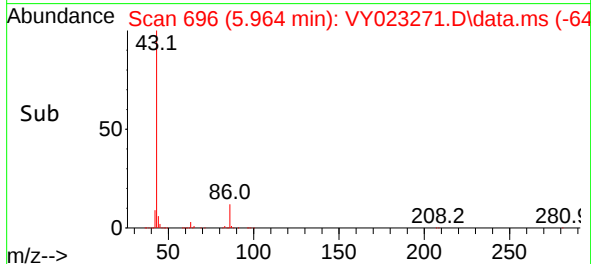
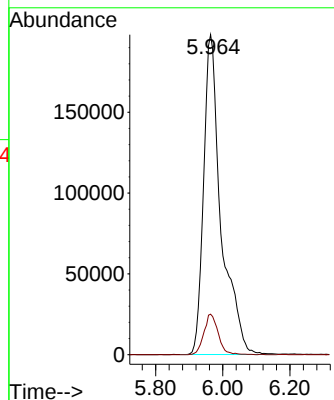
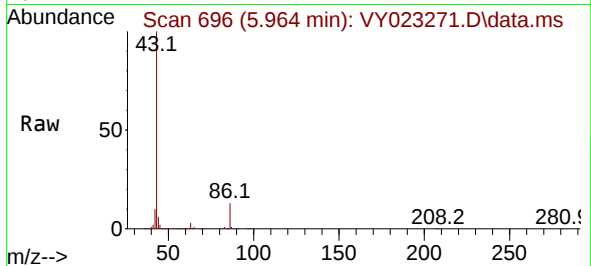




#23
 Vinyl Acetate
 Concen: 89.617 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023271.D
 Acq: 03 Sep 2025 11:01

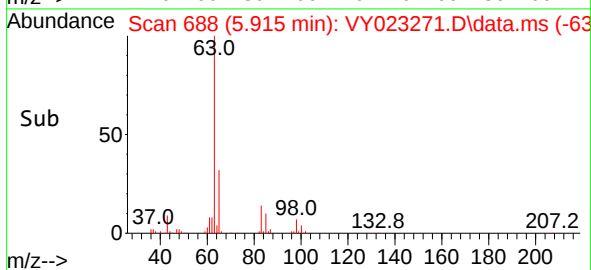
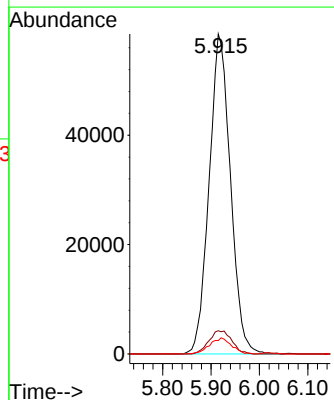
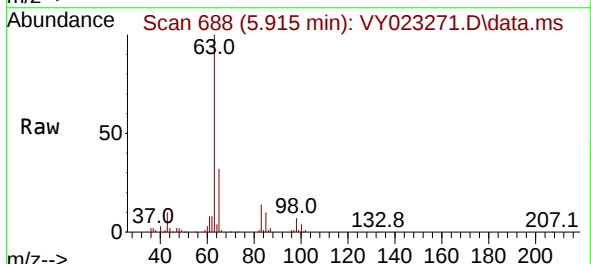
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

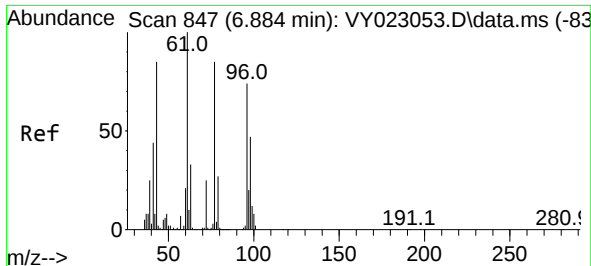
Tgt Ion: 43 Resp: 717336
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.256 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023271.D
 Acq: 03 Sep 2025 11:01

Tgt Ion: 63 Resp: 179275
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.2 2.4 7.1





#25

2-Butanone

Concen: 104.633 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

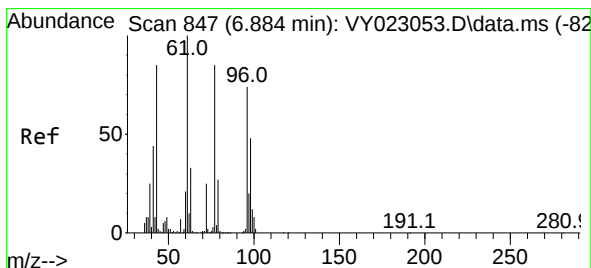
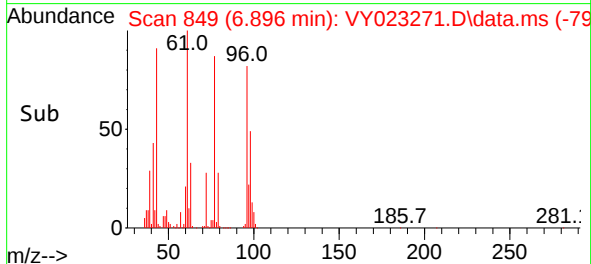
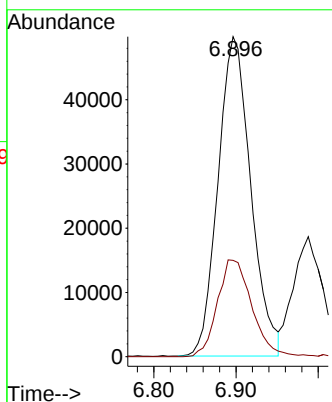
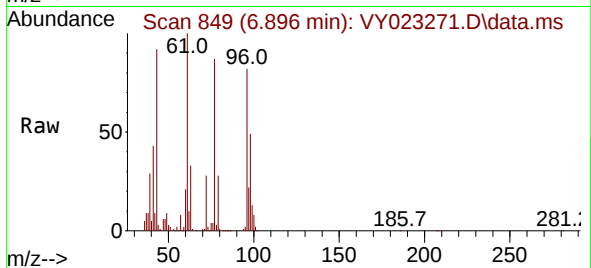
VY0903SBS01

Tgt Ion: 43 Resp: 138044

Ion Ratio Lower Upper

43 100

72 30.2 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.860 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023271.D

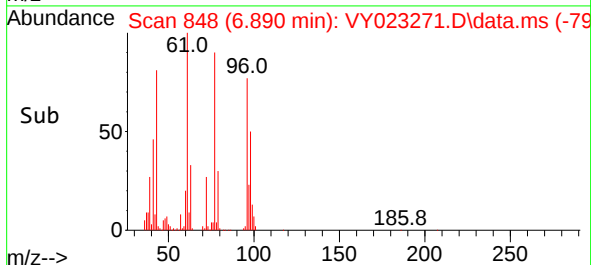
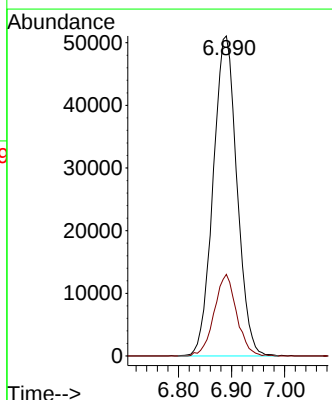
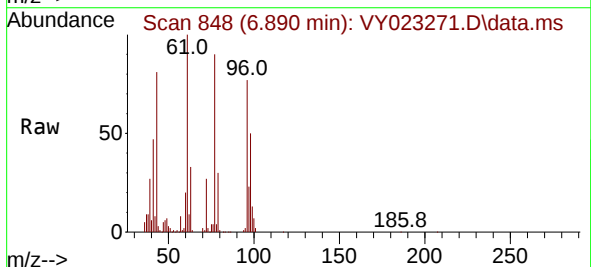
Acq: 03 Sep 2025 11:01

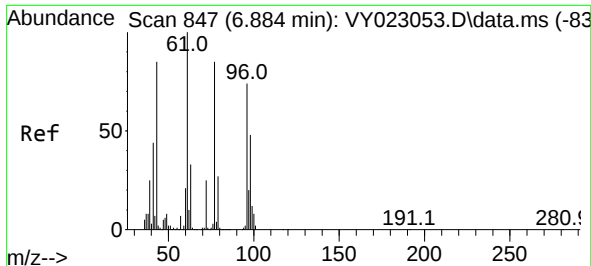
Tgt Ion: 77 Resp: 159307

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.692 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

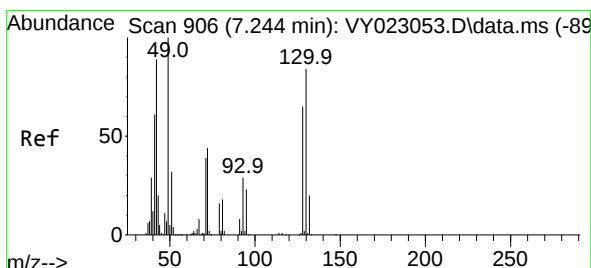
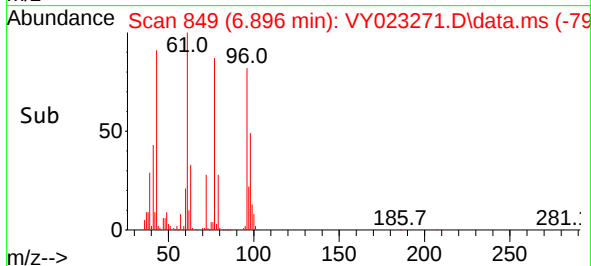
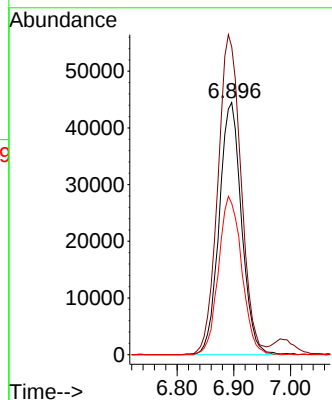
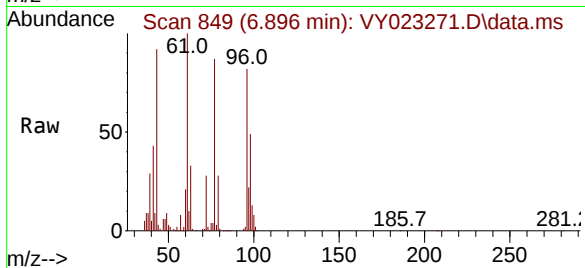
Tgt Ion: 96 Resp: 121703

Ion Ratio Lower Upper

96 100

61 131.9 0.0 278.6

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 19.575 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

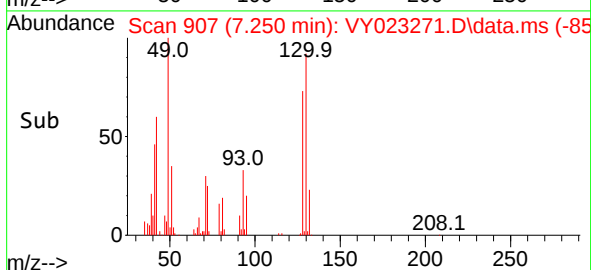
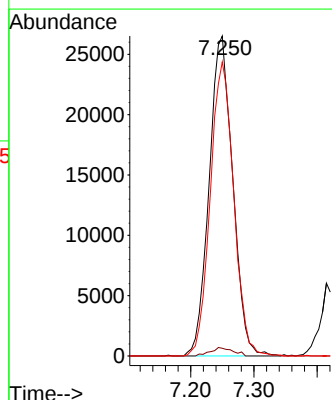
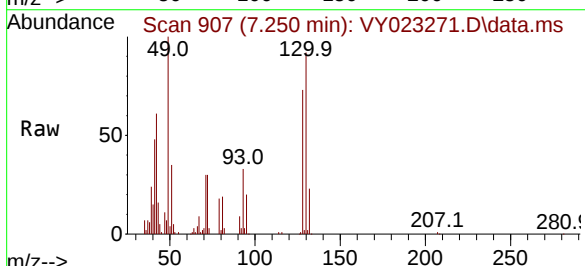
Tgt Ion: 49 Resp: 68732

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 91.1 66.4 99.6





#29

Tetrahydrofuran

Concen: 85.171 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

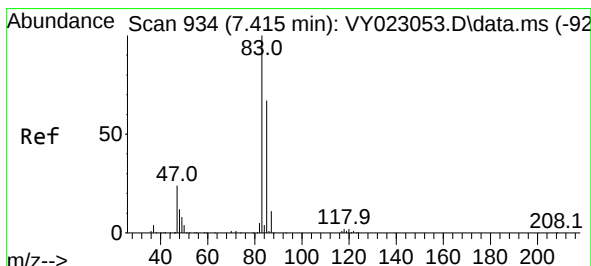
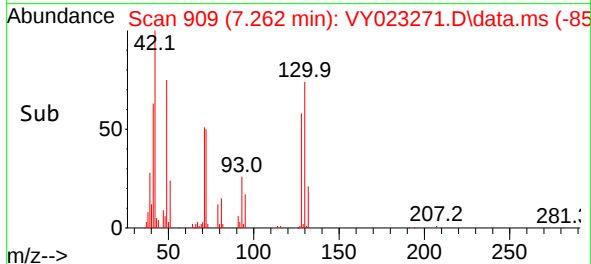
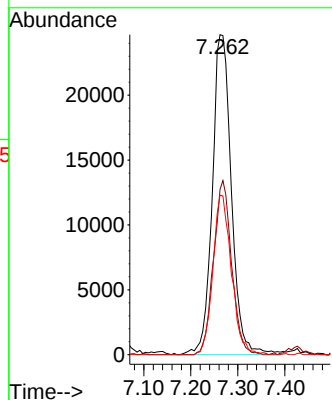
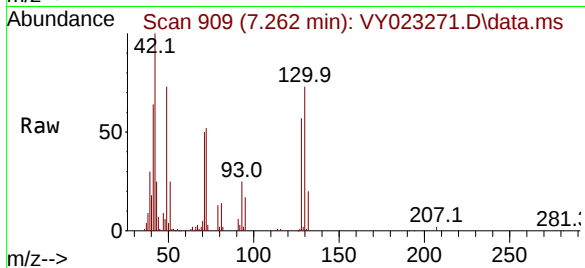
Tgt Ion: 42 Resp: 69652

Ion Ratio Lower Upper

42 100

72 51.6 39.4 59.2

71 48.3 36.5 54.7



#30

Chloroform

Concen: 21.257 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023271.D

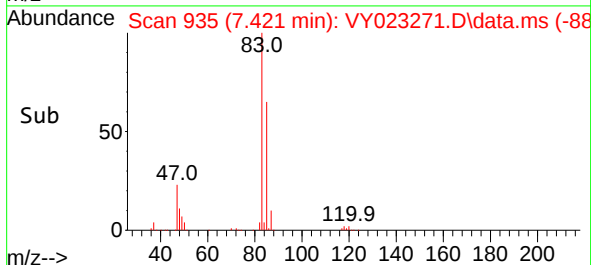
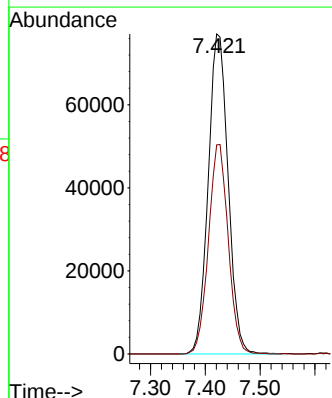
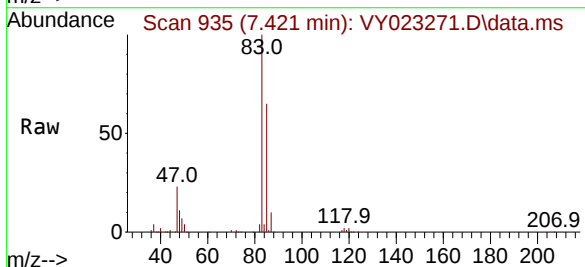
Acq: 03 Sep 2025 11:01

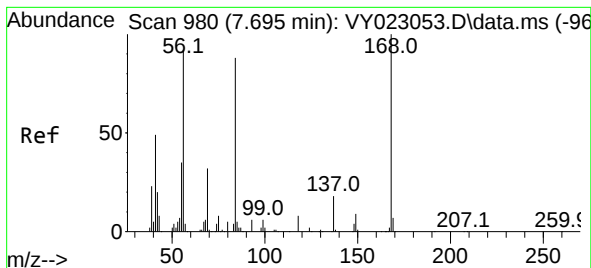
Tgt Ion: 83 Resp: 194027

Ion Ratio Lower Upper

83 100

85 65.4 53.8 80.8





#31

Cyclohexane

Concen: 18.071 ug/l

RT: 7.707 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

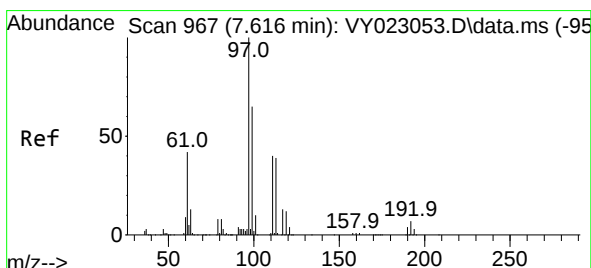
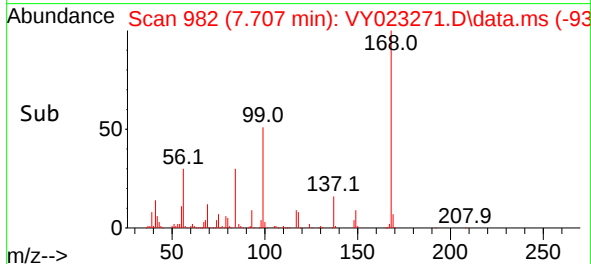
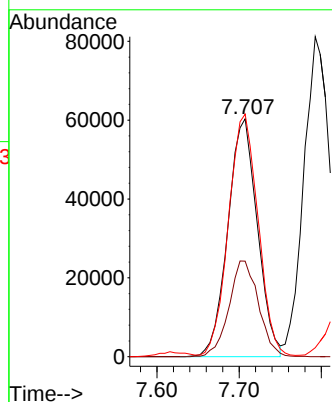
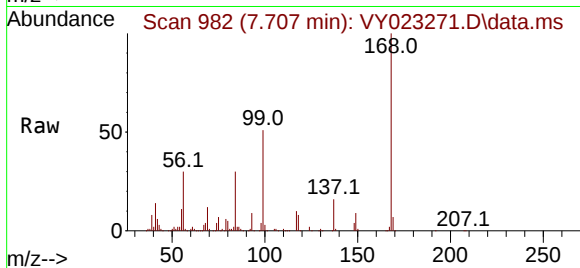
Tgt Ion: 56 Resp: 150713

Ion Ratio Lower Upper

56 100

69 40.2 28.2 42.2

84 100.5 76.6 114.8



#32

1,1,1-Trichloroethane

Concen: 21.011 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

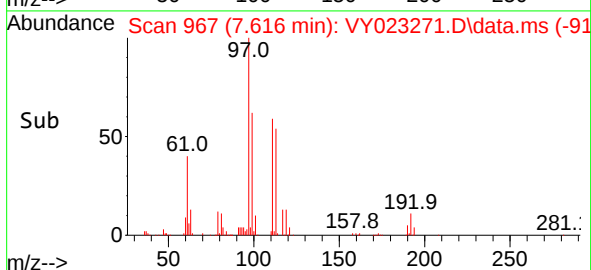
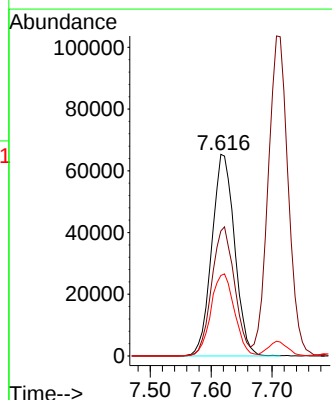
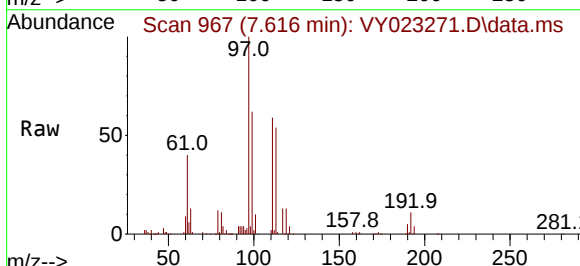
Tgt Ion: 97 Resp: 170169

Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 42.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.362 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

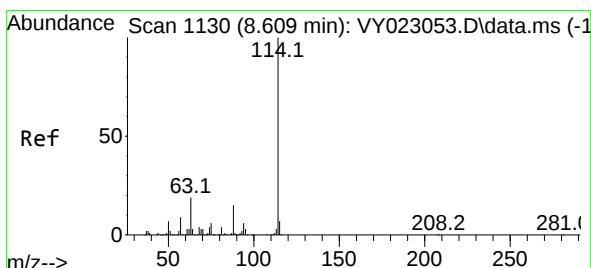
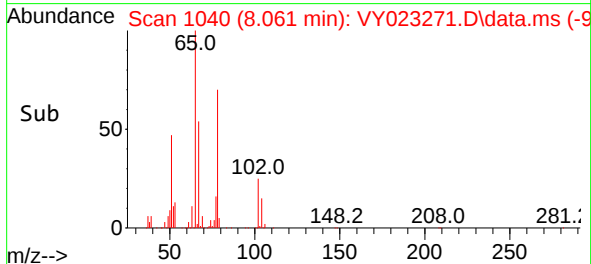
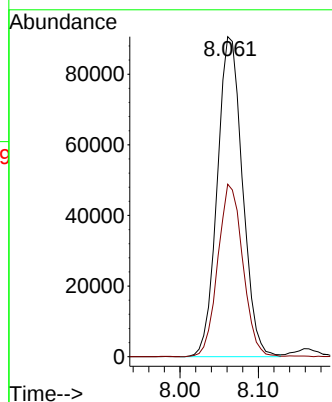
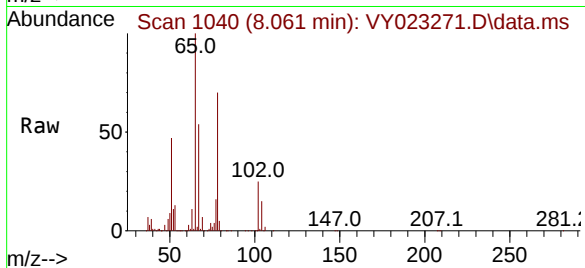
VY0903SBS01

Tgt Ion: 65 Resp: 203114

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

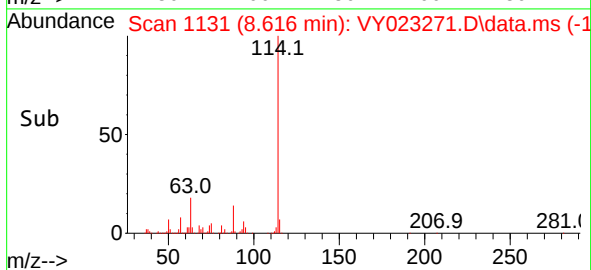
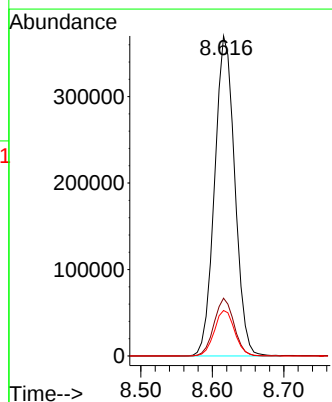
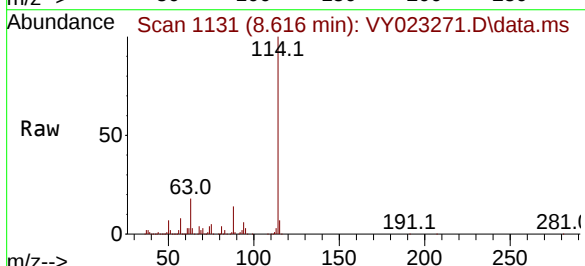
Tgt Ion: 114 Resp: 724754

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.2 0.0 30.0

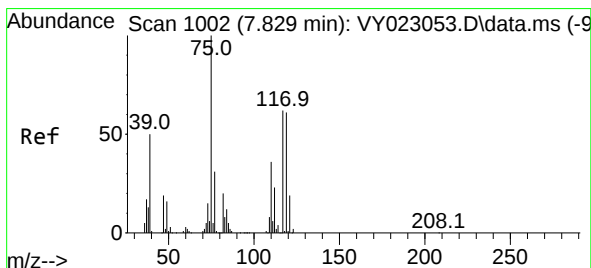
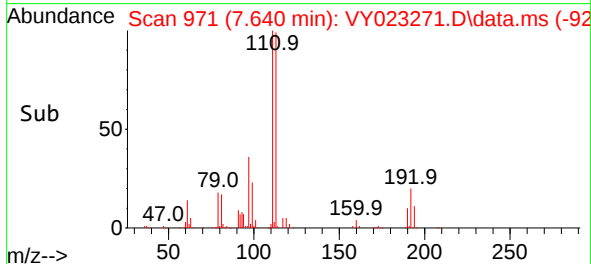
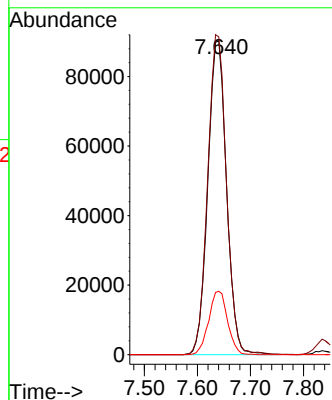
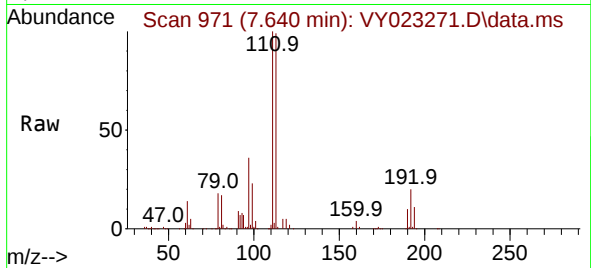




#35
Dibromofluoromethane
Concen: 50.971 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

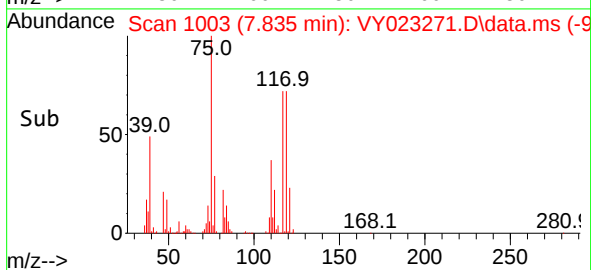
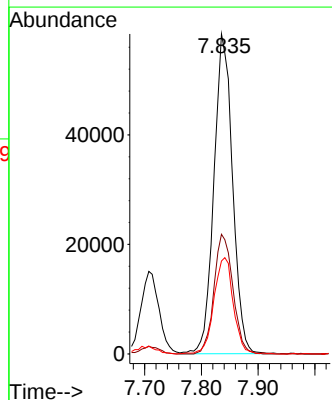
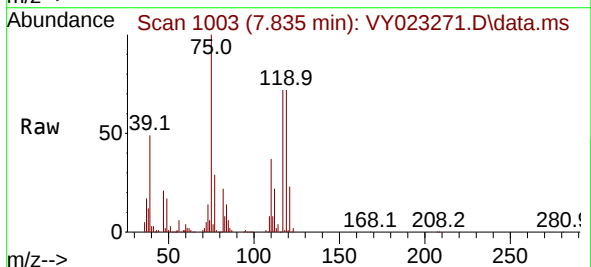
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

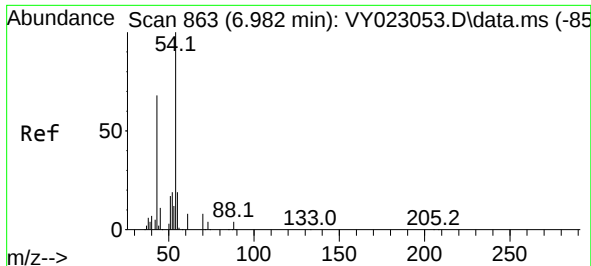
Tgt Ion:113 Resp: 221047
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.735 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 75 Resp: 133638
Ion Ratio Lower Upper
75 100
110 37.8 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 18.457 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

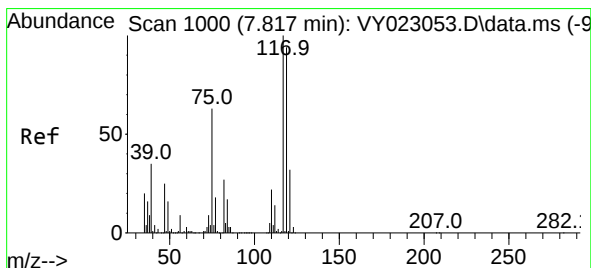
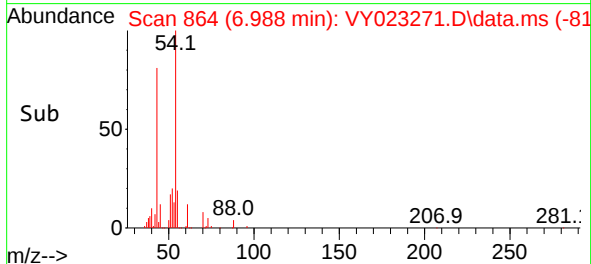
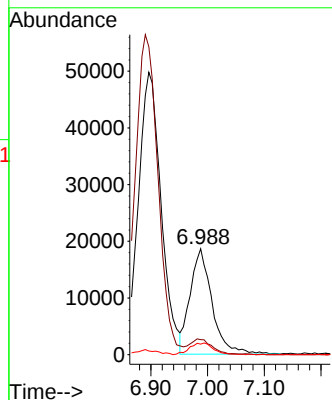
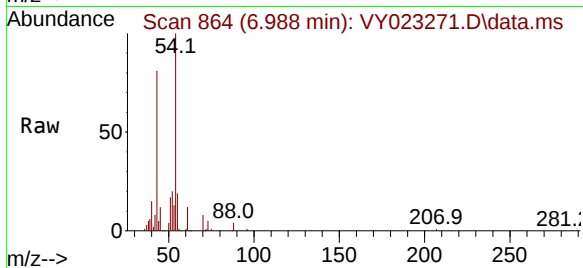
Tgt Ion: 43 Resp: 49969

Ion Ratio Lower Upper

43 100

61 14.5 11.9 17.9

70 11.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 21.908 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

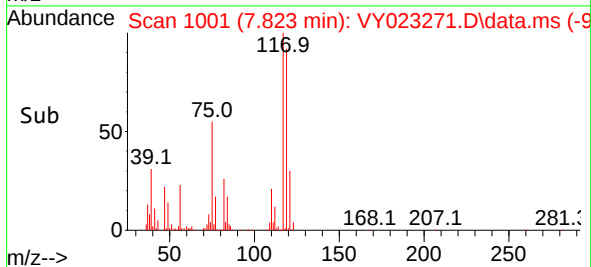
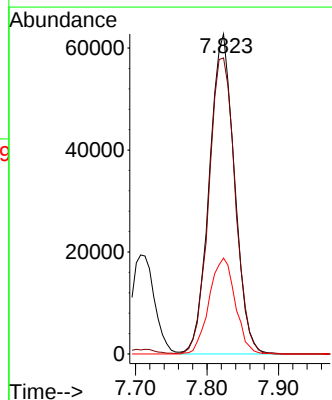
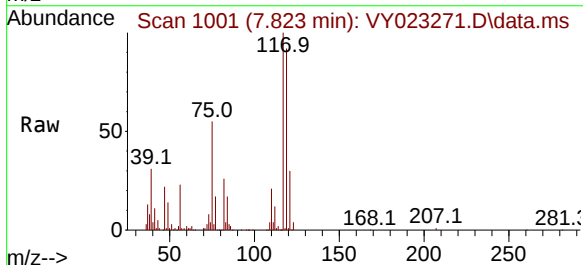
Tgt Ion: 117 Resp: 153357

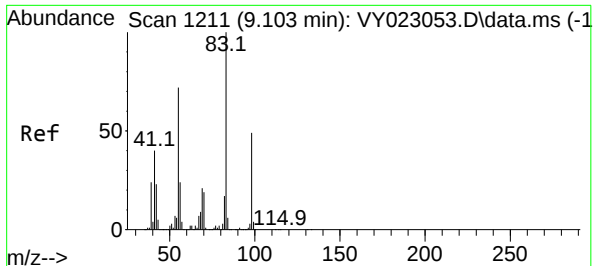
Ion Ratio Lower Upper

117 100

119 92.4 75.6 113.4

121 29.9 25.8 38.8





#39

Methylcyclohexane

Concen: 19.847 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

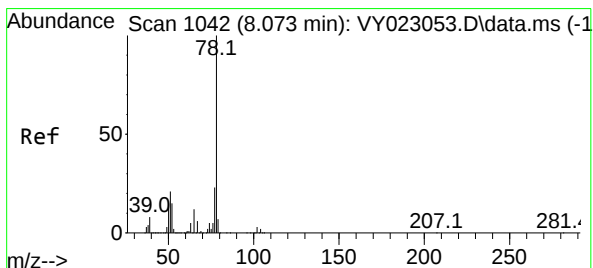
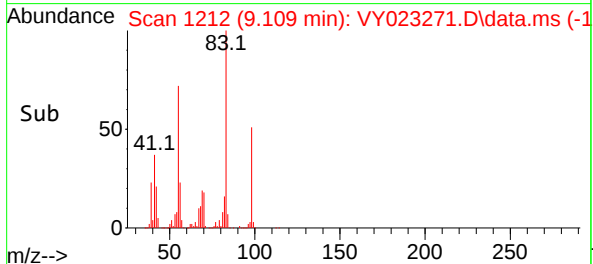
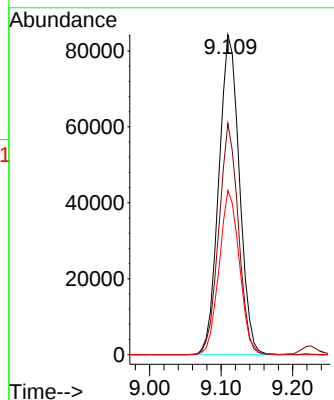
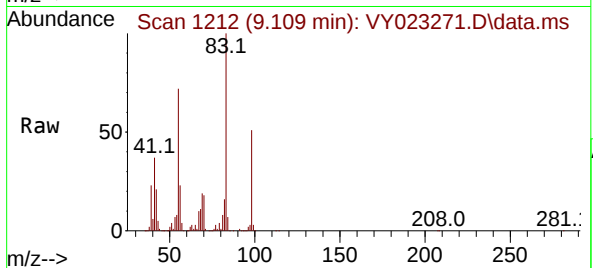
Tgt Ion: 83 Resp: 168442

Ion Ratio Lower Upper

83 100

55 72.3 57.6 86.4

98 51.3 39.2 58.8



#40

Benzene

Concen: 21.331 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023271.D

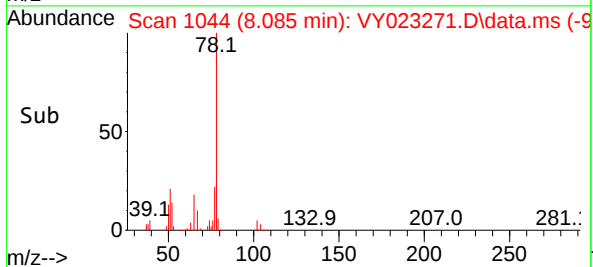
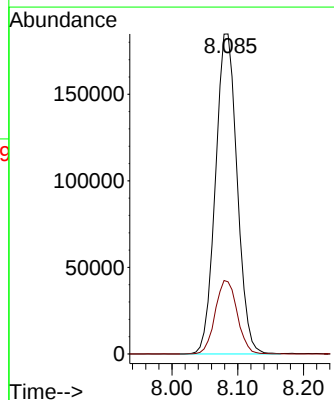
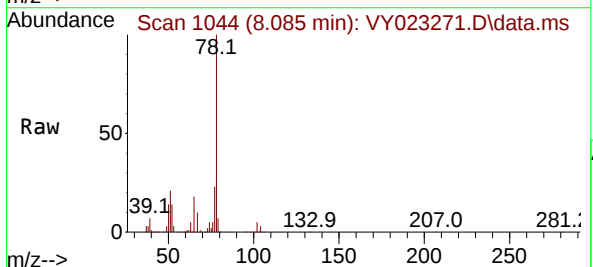
Acq: 03 Sep 2025 11:01

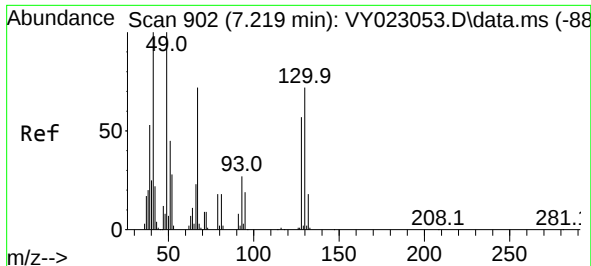
Tgt Ion: 78 Resp: 423721

Ion Ratio Lower Upper

78 100

77 22.6 18.6 28.0

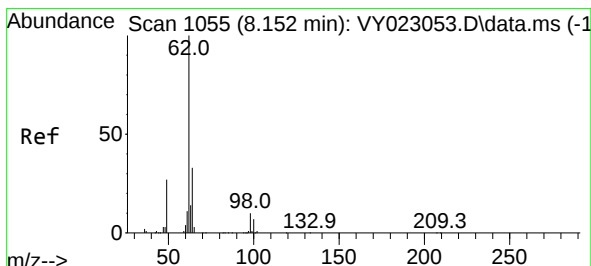
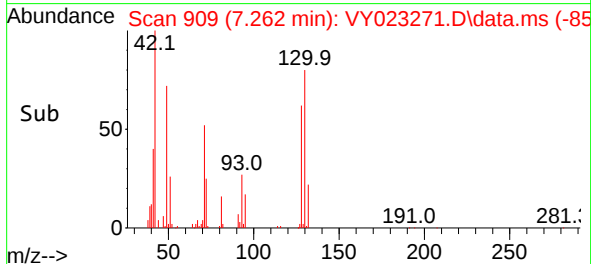
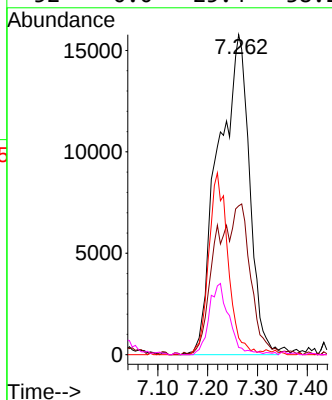
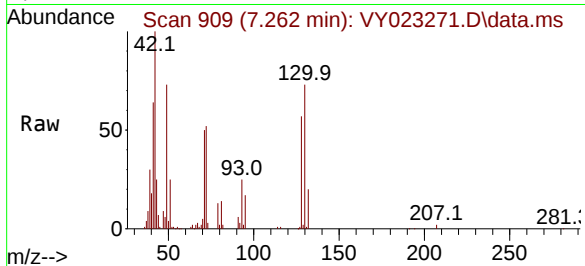




#41
Methacrylonitrile
Concen: 43.990 ug/l
RT: 7.262 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

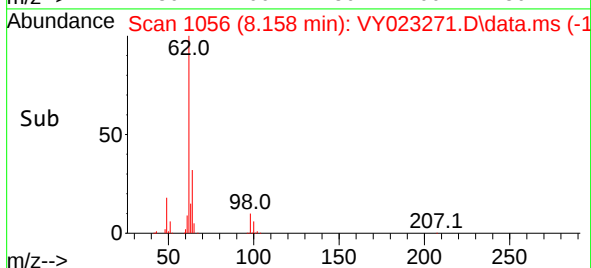
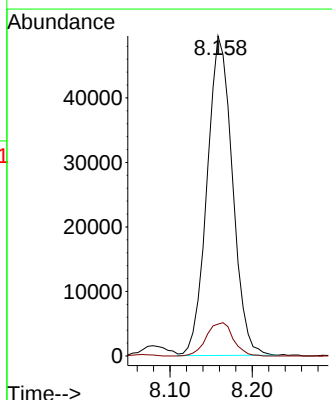
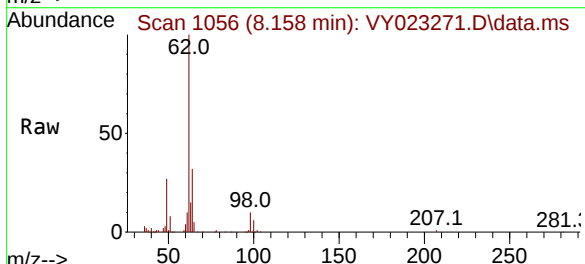
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion: 41 Resp: 68733
Ion Ratio Lower Upper
41 100
39 23.4 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.577 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 62 Resp: 106307
Ion Ratio Lower Upper
62 100
98 11.0 0.0 20.6

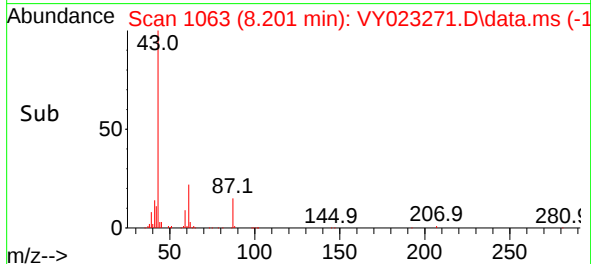
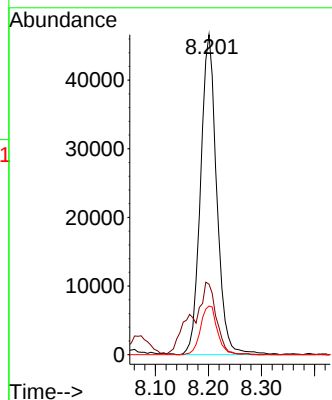
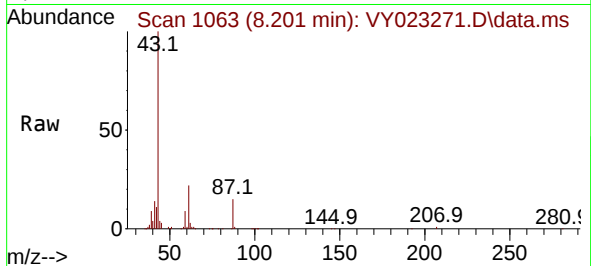




#43
Isopropyl Acetate
Concen: 18.037 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

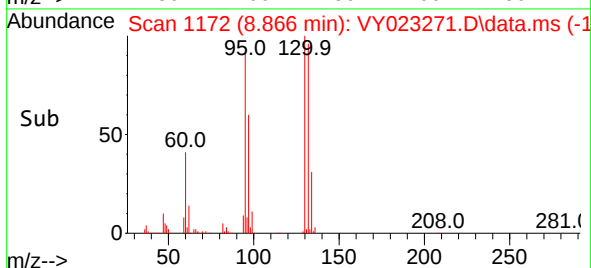
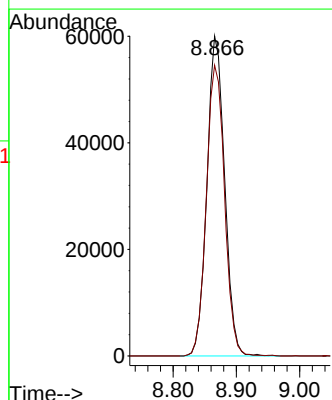
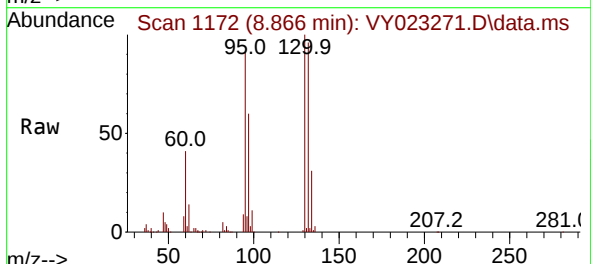
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

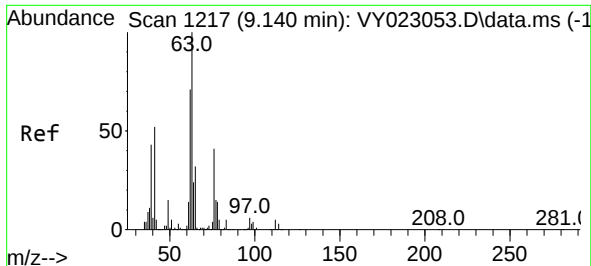
Tgt Ion: 43 Resp: 98696
Ion Ratio Lower Upper
43 100
61 21.3 16.4 24.6
87 15.8 11.8 17.6



#44
Trichloroethene
Concen: 22.806 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion:130 Resp: 117073
Ion Ratio Lower Upper
130 100
95 90.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.778 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

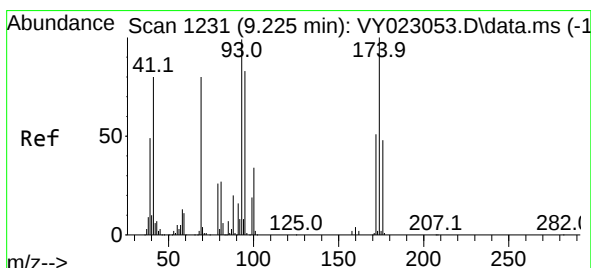
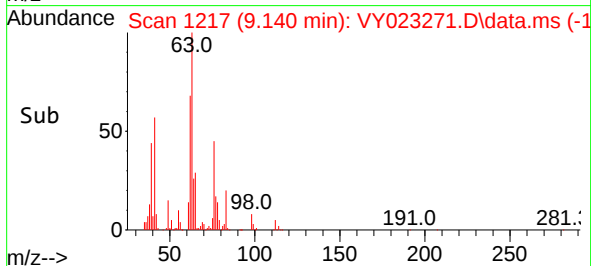
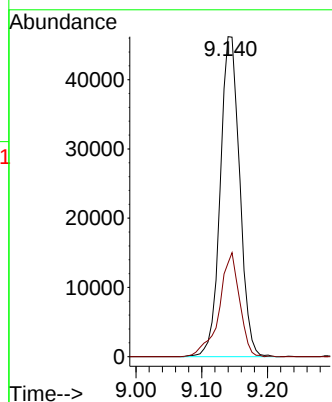
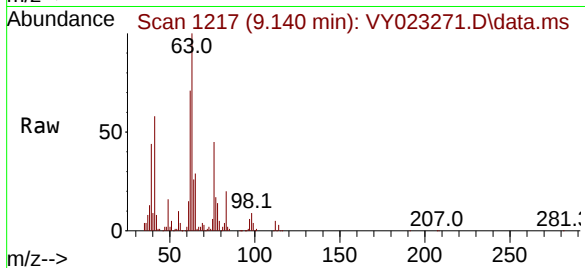
VY0903SBS01

Tgt Ion: 63 Resp: 94969

Ion Ratio Lower Upper

63 100

65 29.3 25.3 37.9



#46

Dibromomethane

Concen: 21.295 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

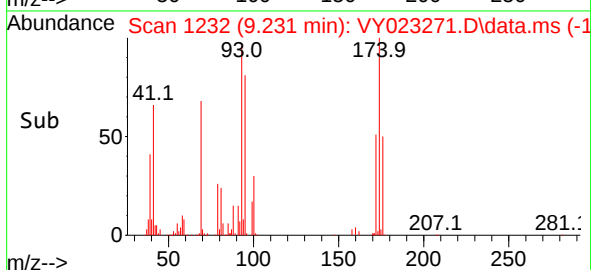
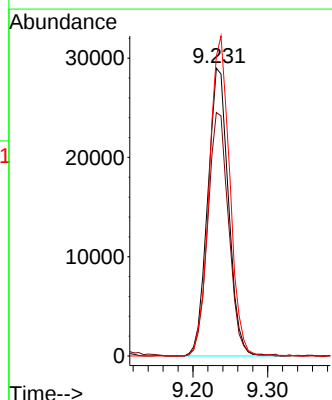
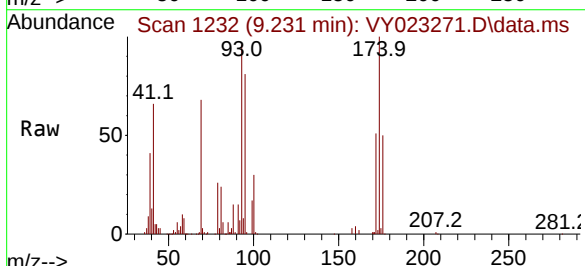
Tgt Ion: 93 Resp: 55865

Ion Ratio Lower Upper

93 100

95 84.8 66.5 99.7

174 109.4 81.8 122.8





#47

Bromodichloromethane

Concen: 21.218 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

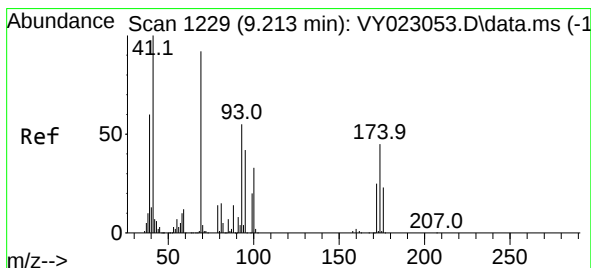
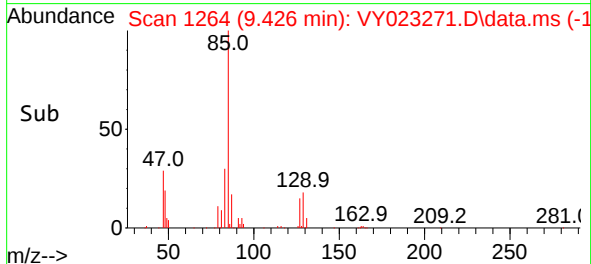
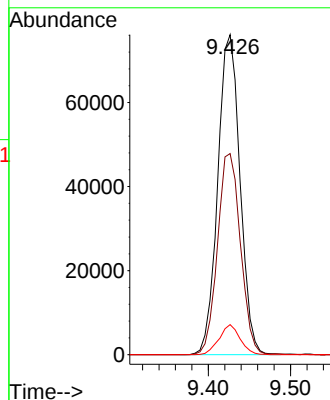
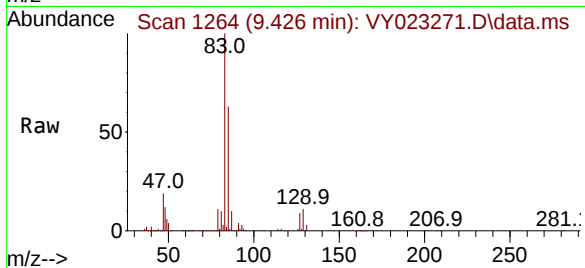
Tgt Ion: 83 Resp: 143229

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

127 9.4 6.6 10.0



#48

Methyl methacrylate

Concen: 17.257 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

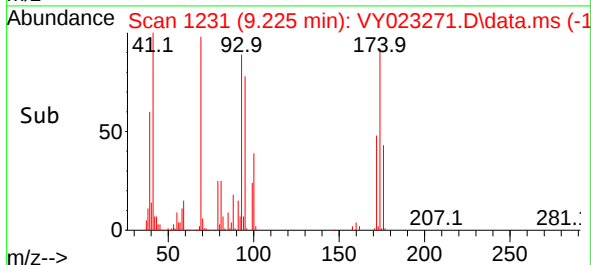
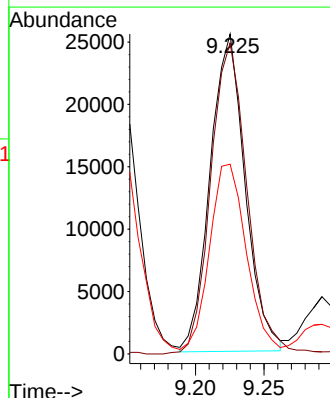
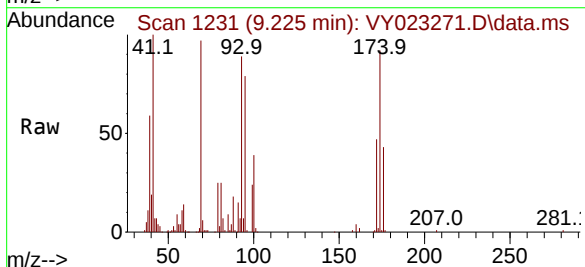
Tgt Ion: 41 Resp: 45187

Ion Ratio Lower Upper

41 100

69 101.9 73.2 109.8

39 60.4 47.0 70.4





#49

1,4-Dioxane

Concen: 370.192 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

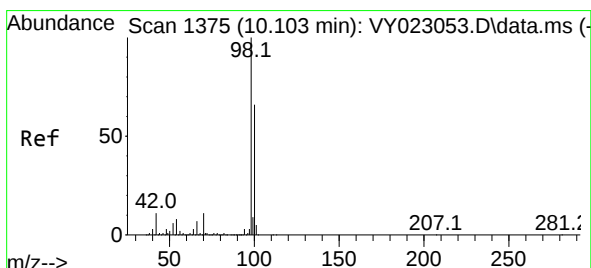
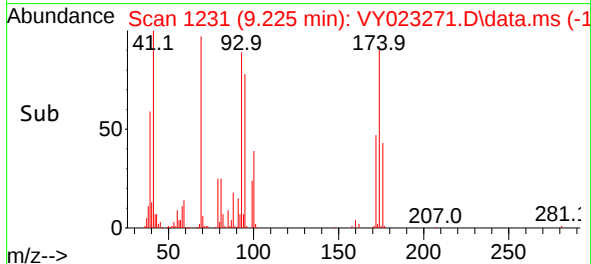
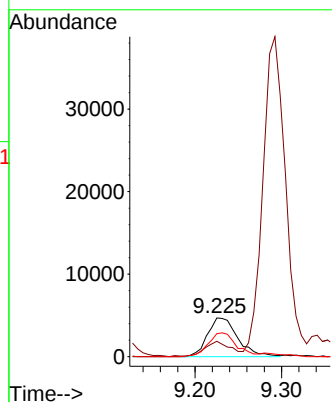
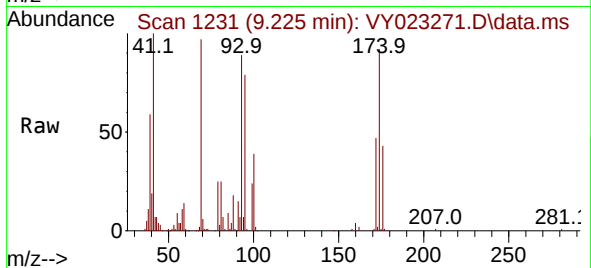
Tgt Ion: 88 Resp: 11387

Ion Ratio Lower Upper

88 100

43 35.4 24.3 36.5

58 57.8 55.4 83.0



#50

Toluene-d8

Concen: 49.623 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023271.D

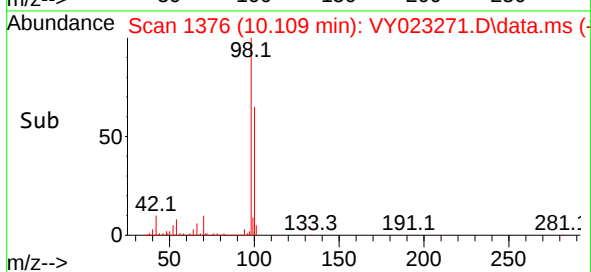
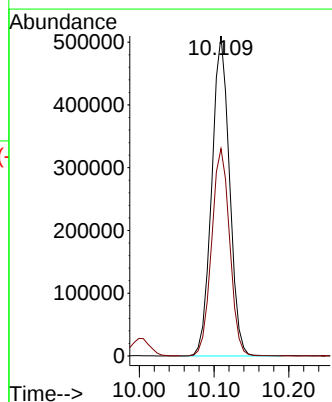
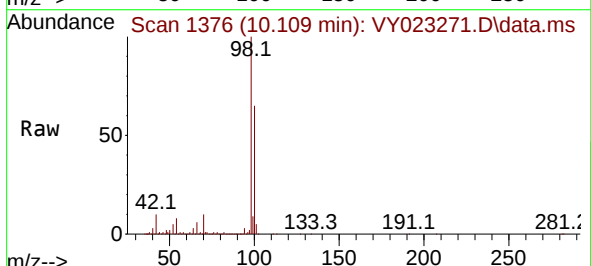
Acq: 03 Sep 2025 11:01

Tgt Ion: 98 Resp: 840705

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

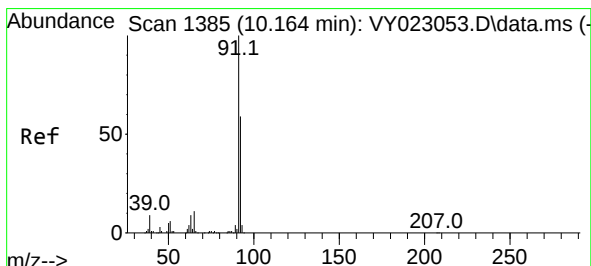
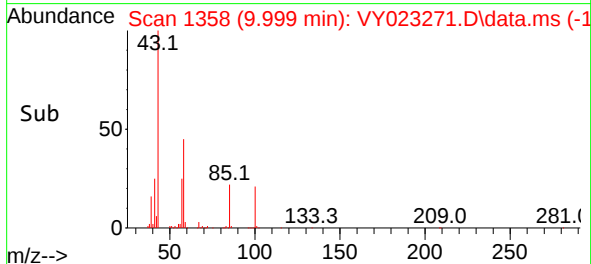
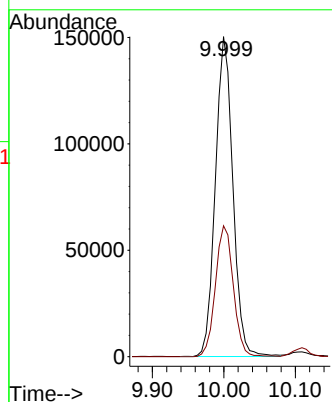
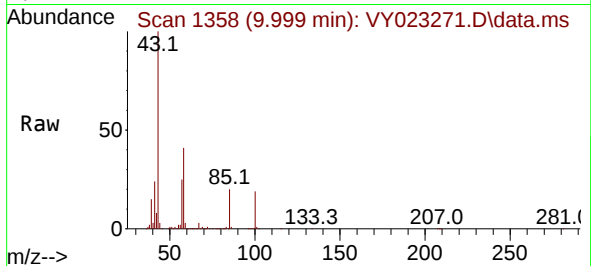




#51
4-Methyl-2-Pentanone
Concen: 90.572 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

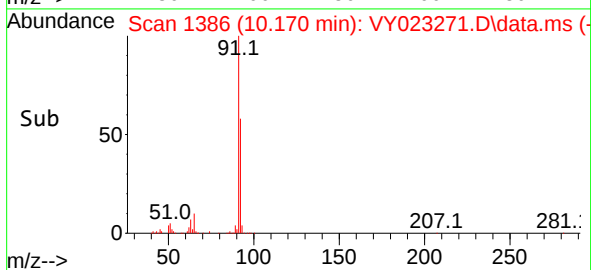
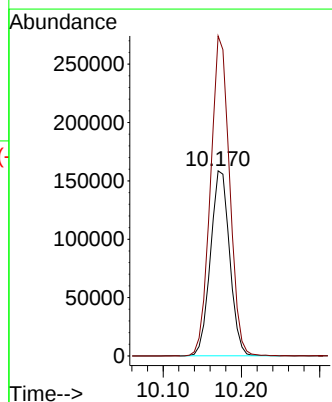
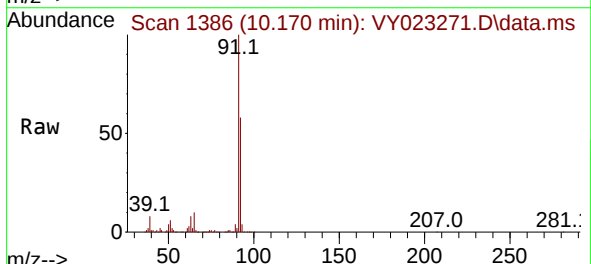
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

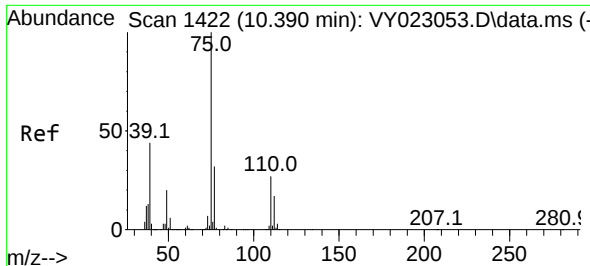
Tgt Ion: 43 Resp: 255647
Ion Ratio Lower Upper
43 100
58 41.9 33.5 50.3



#52
Toluene
Concen: 21.324 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 92 Resp: 269026
Ion Ratio Lower Upper
92 100
91 172.8 136.4 204.6

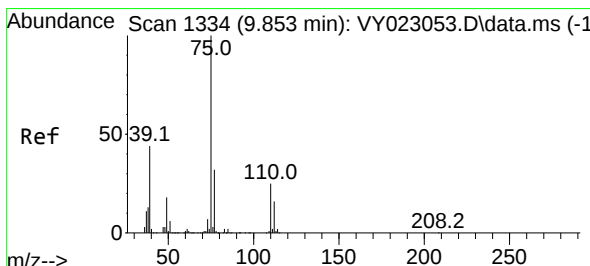
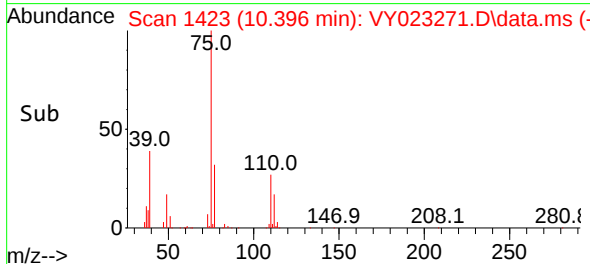
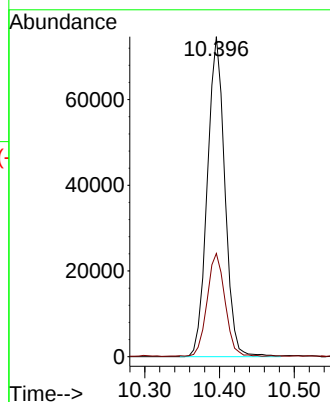
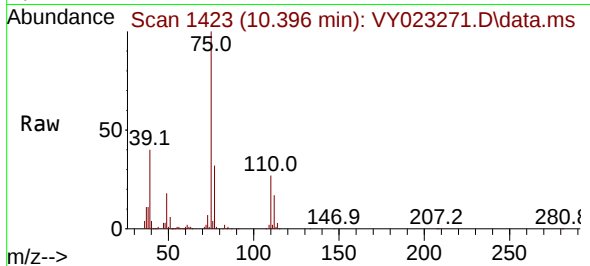




#53
t-1,3-Dichloropropene
Concen: 19.923 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

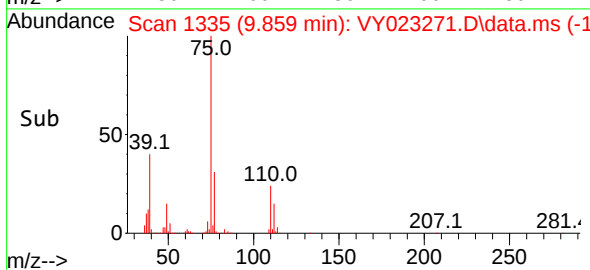
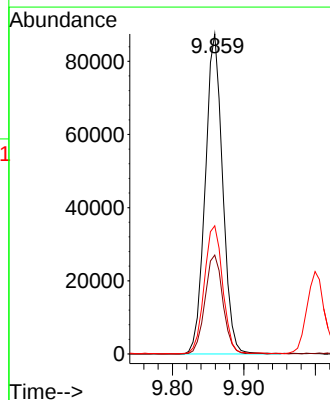
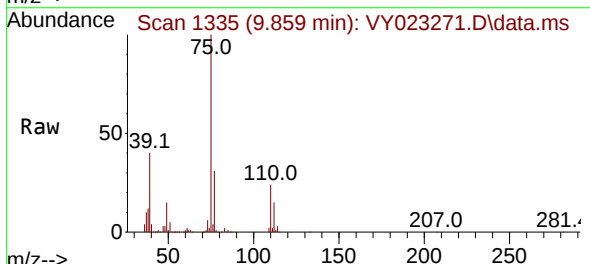
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

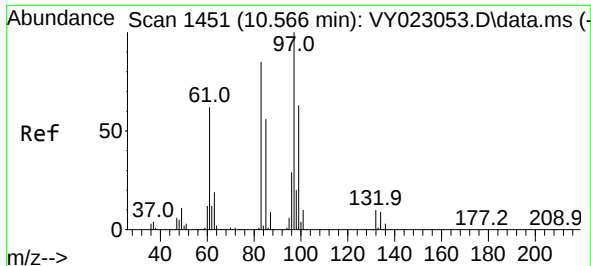
Tgt Ion: 75 Resp: 121784
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.452 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 75 Resp: 147828
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 39.9 35.6 53.4

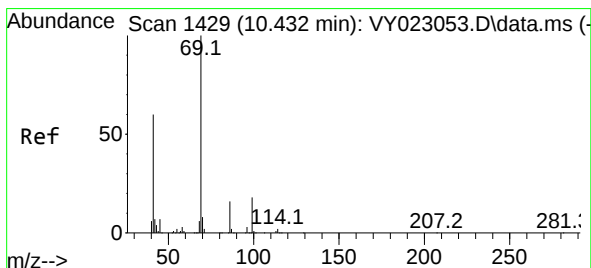
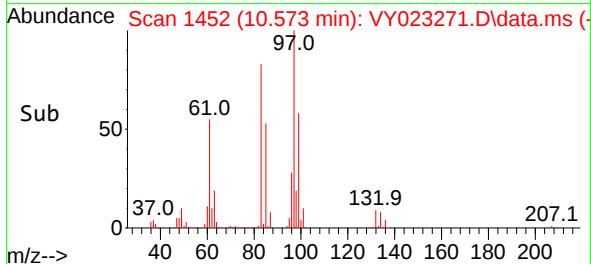
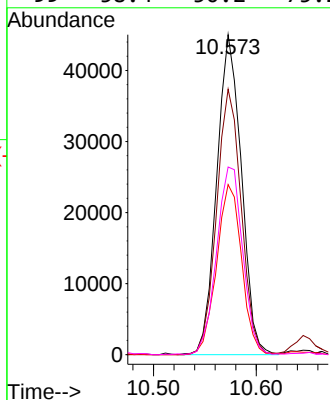
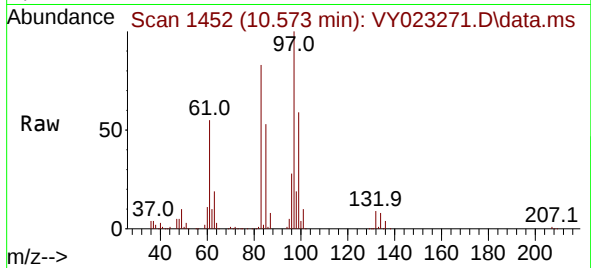




#55
1,1,2-Trichloroethane
Concen: 21.328 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

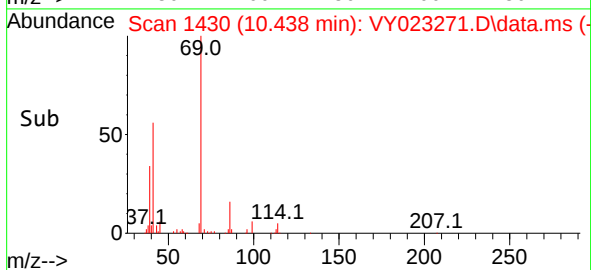
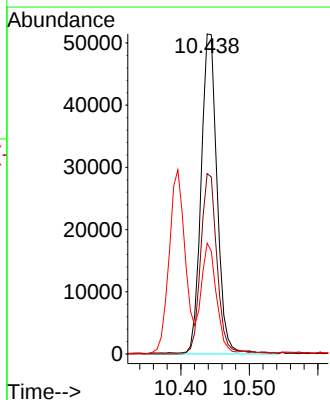
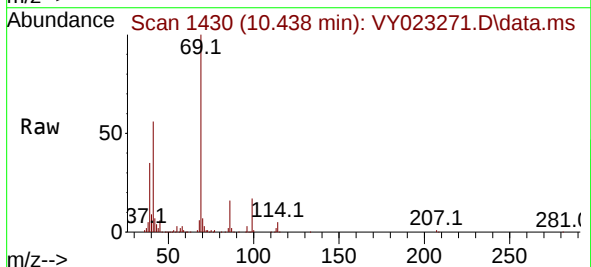
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

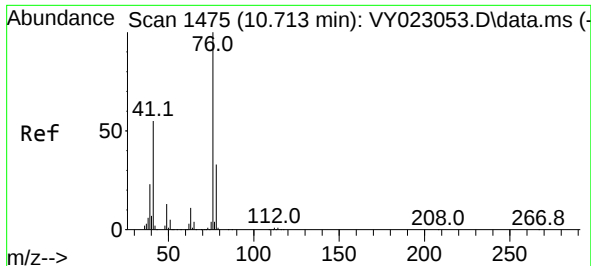
Tgt Ion: 97 Resp: 74868
Ion Ratio Lower Upper
97 100
83 82.9 67.7 101.5
85 53.1 44.5 66.7
99 58.4 50.2 75.2



#56
Ethyl methacrylate
Concen: 18.641 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 69 Resp: 83730
Ion Ratio Lower Upper
69 100
41 57.0 48.6 72.8
39 32.6 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.522 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

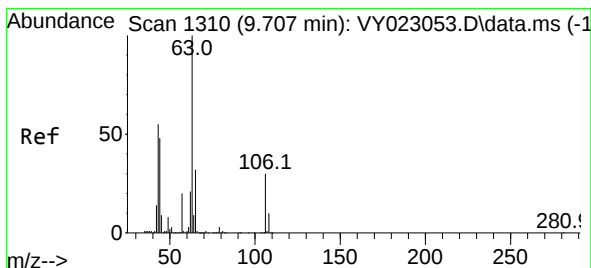
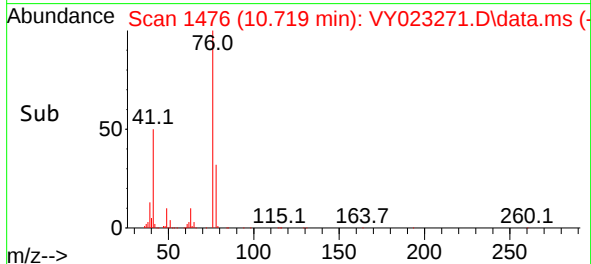
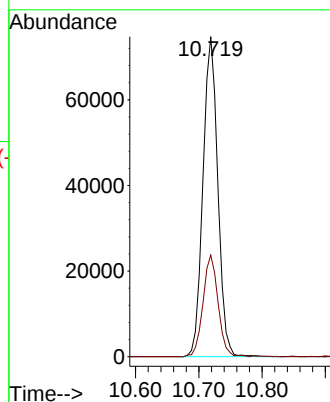
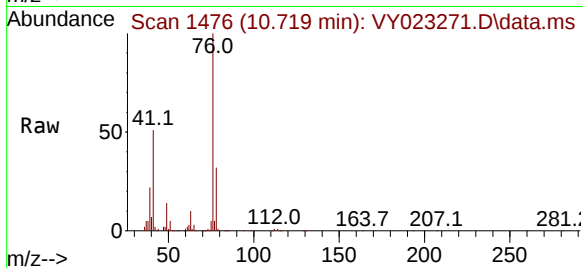
VY0903SBS01

Tgt Ion: 76 Resp: 122171

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.137 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023271.D

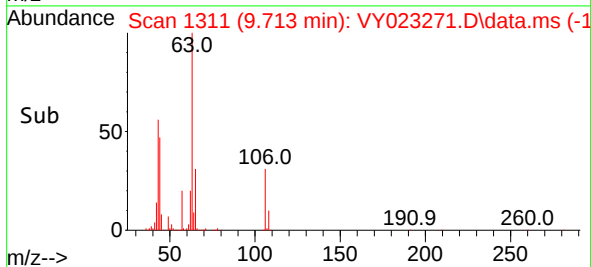
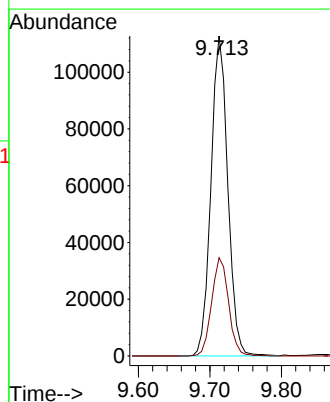
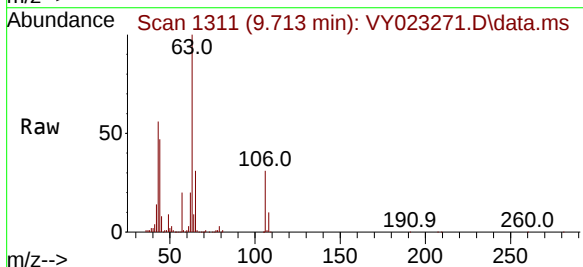
Acq: 03 Sep 2025 11:01

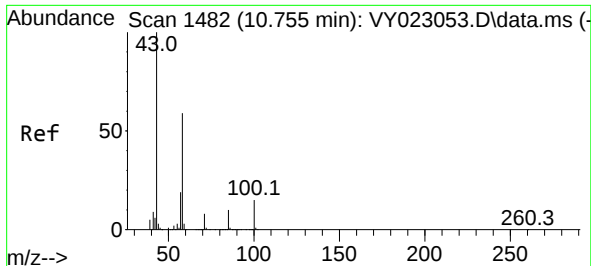
Tgt Ion: 63 Resp: 184625

Ion Ratio Lower Upper

63 100

106 30.8 23.2 34.8





#59

2-Hexanone

Concen: 98.596 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

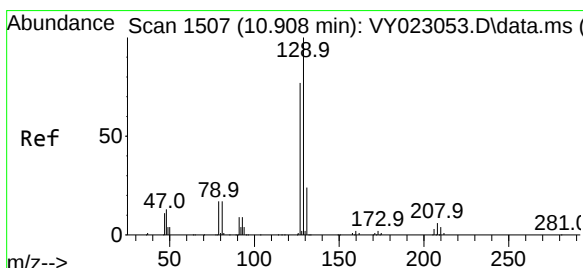
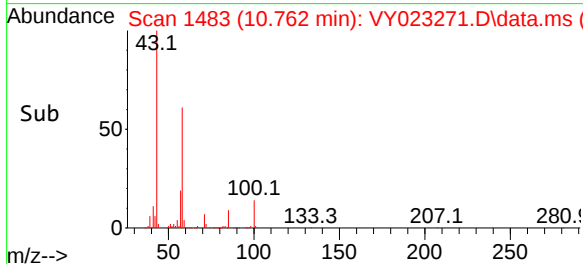
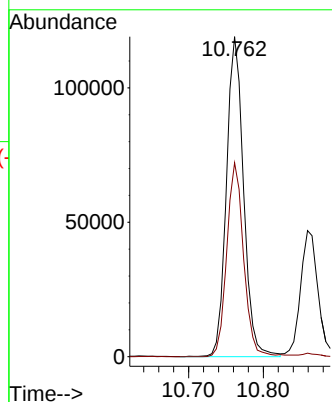
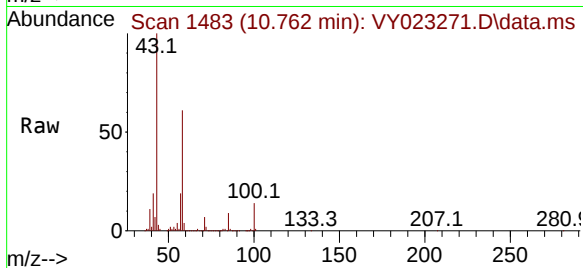
VY0903SBS01

Tgt Ion: 43 Resp: 189500

Ion Ratio Lower Upper

43 100

58 59.9 29.5 88.5



#60

Dibromochloromethane

Concen: 22.206 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023271.D

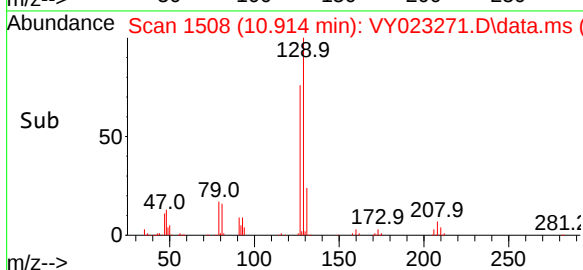
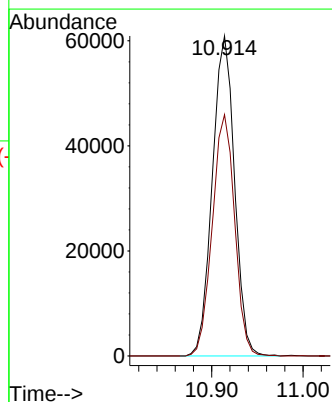
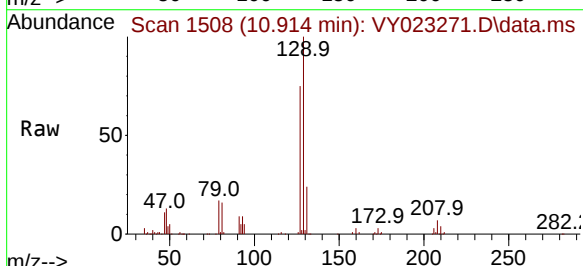
Acq: 03 Sep 2025 11:01

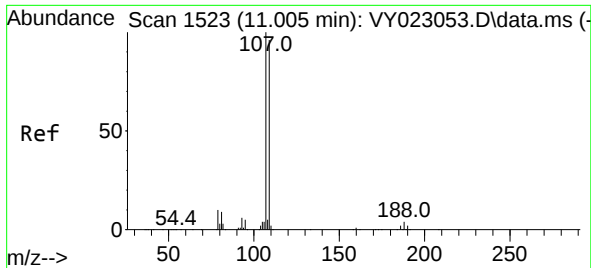
Tgt Ion: 129 Resp: 102855

Ion Ratio Lower Upper

129 100

127 75.8 38.5 115.5

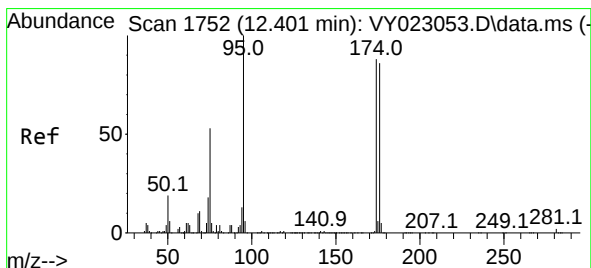
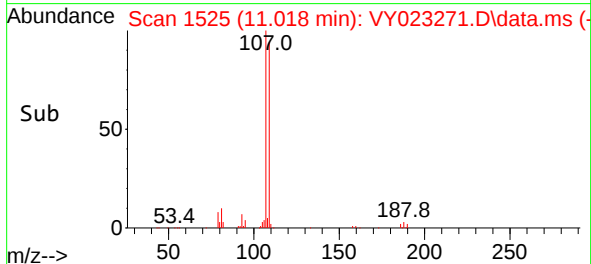
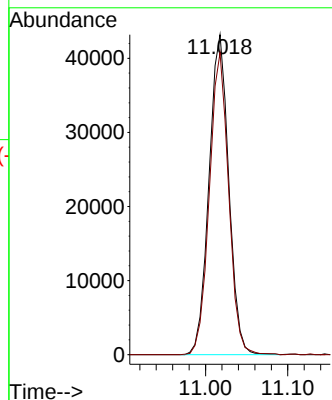
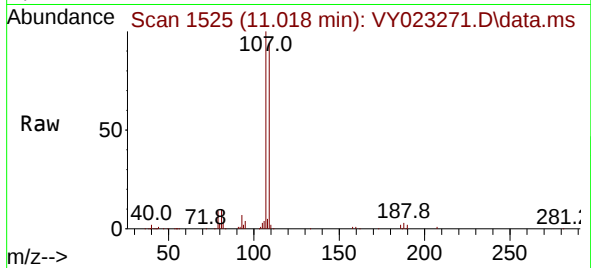




#61
1,2-Dibromoethane
Concen: 21.854 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

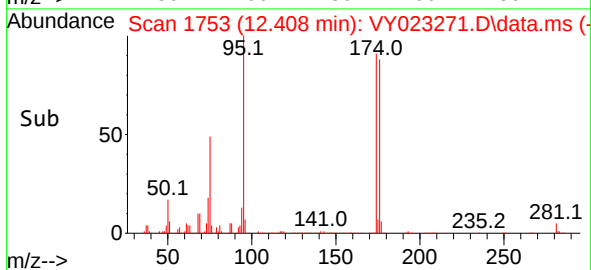
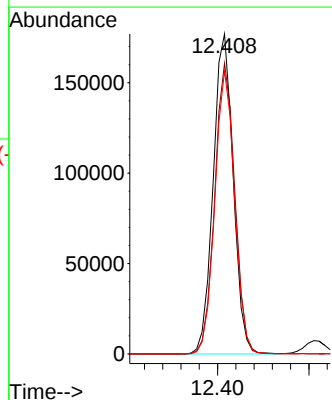
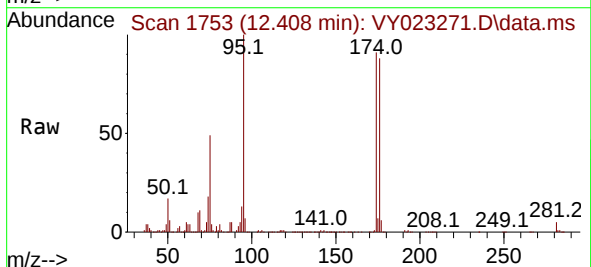
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

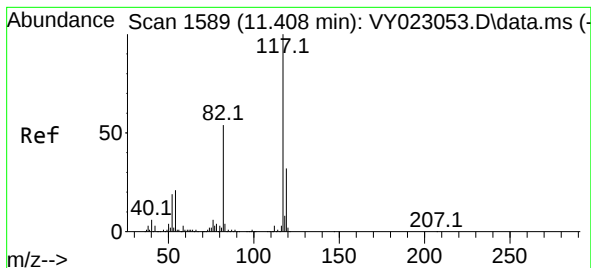
Tgt Ion:107 Resp: 72102
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.339 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 95 Resp: 268817
Ion Ratio Lower Upper
95 100
174 91.1 0.0 171.6
176 87.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

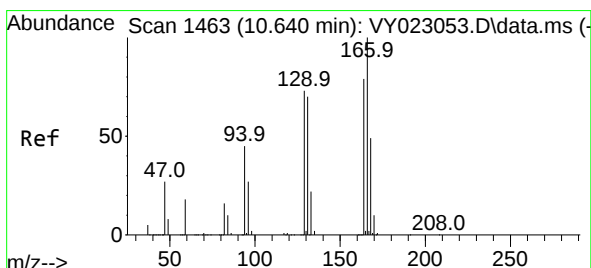
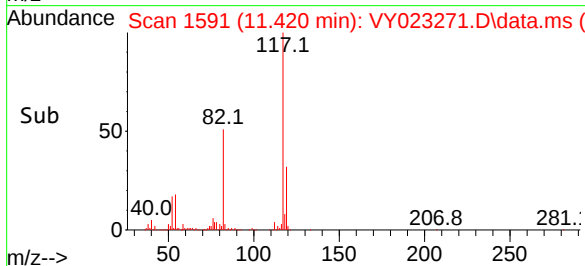
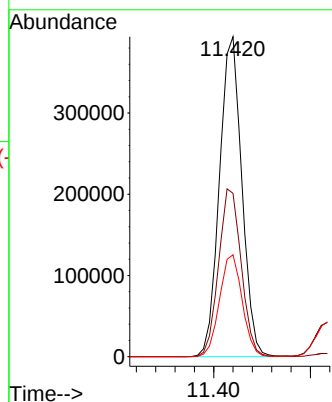
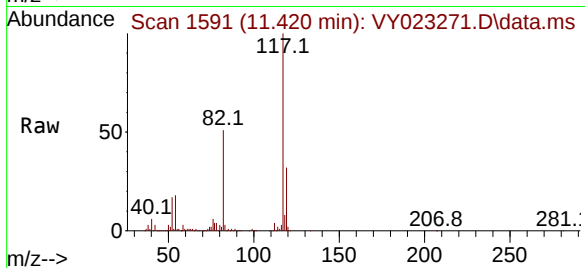
Tgt Ion:117 Resp: 631760

Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 24.687 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.012 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Tgt Ion:164 Resp: 139262

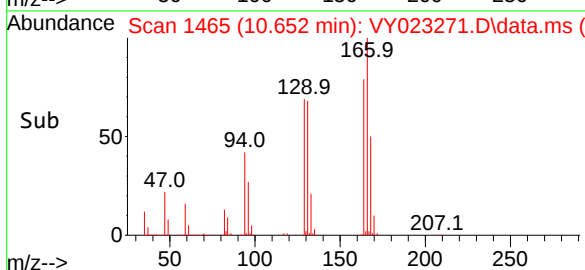
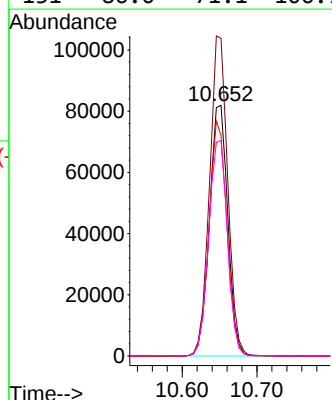
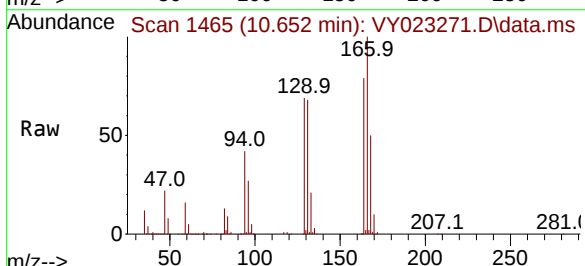
Ion Ratio Lower Upper

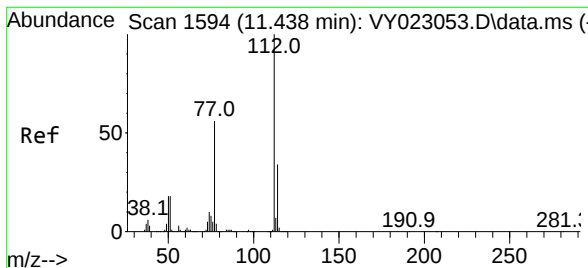
164 100

166 126.7 101.1 151.7

129 88.0 74.0 111.0

131 86.0 71.1 106.7





#65

Chlorobenzene

Concen: 21.985 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

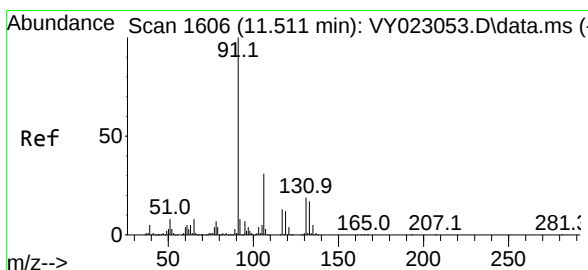
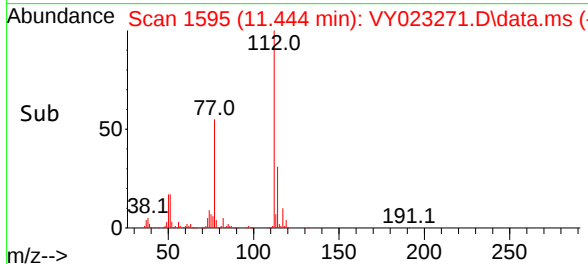
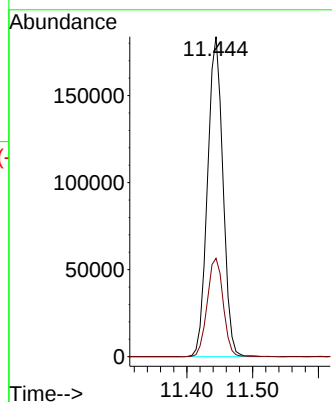
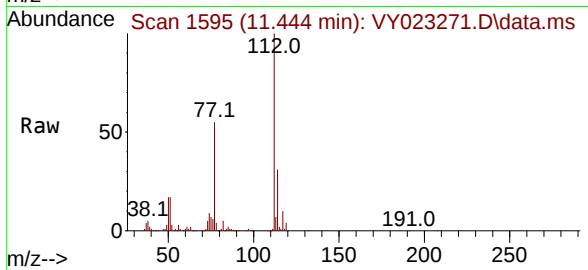
VY0903SBS01

Tgt Ion:112 Resp: 299598

Ion Ratio Lower Upper

112 100

114 30.8 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 22.272 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

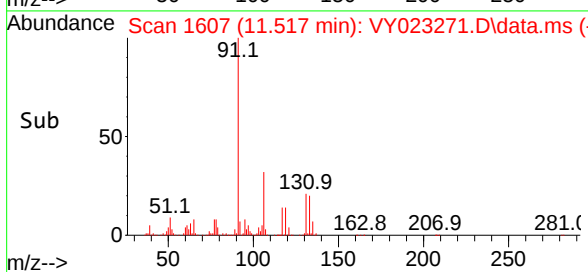
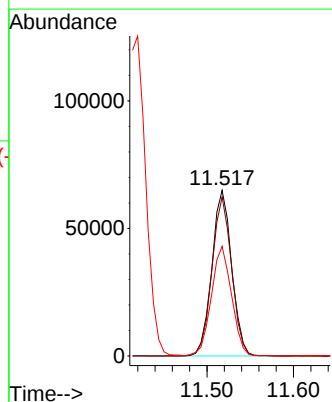
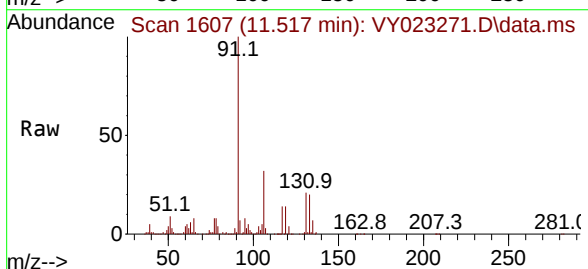
Tgt Ion:131 Resp: 103005

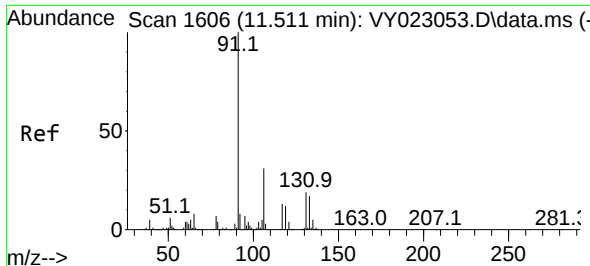
Ion Ratio Lower Upper

131 100

133 95.5 46.9 140.6

119 67.7 33.2 99.6





#67

Ethyl Benzene

Concen: 20.759 ug/l

RT: 11.517 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

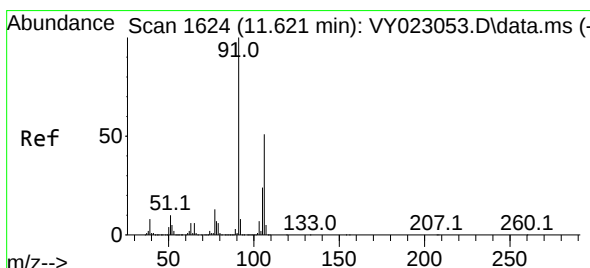
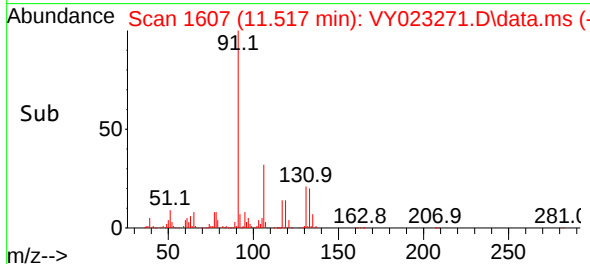
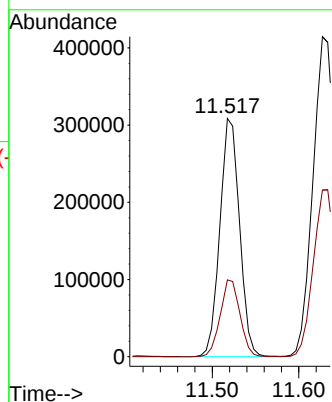
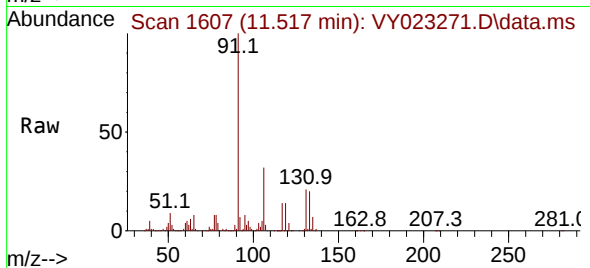
VY0903SBS01

Tgt Ion: 91 Resp: 486823

Ion Ratio Lower Upper

91 100

106 32.2 25.0 37.4



#68

m/p-Xylenes

Concen: 43.243 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.012 min

Lab File: VY023271.D

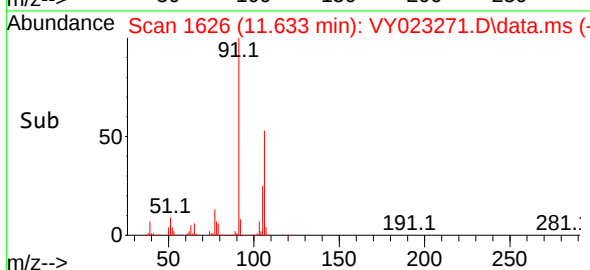
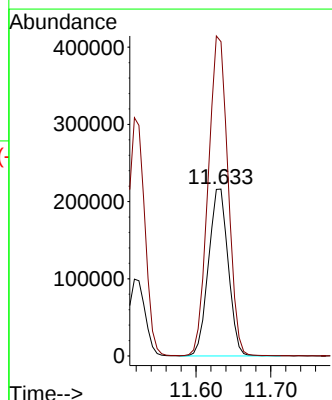
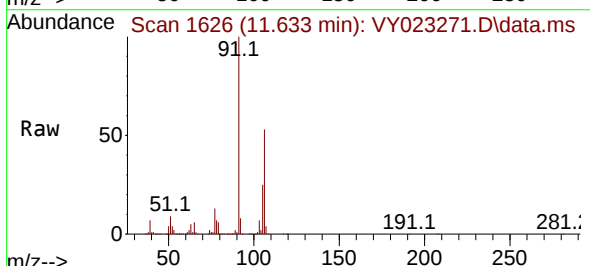
Acq: 03 Sep 2025 11:01

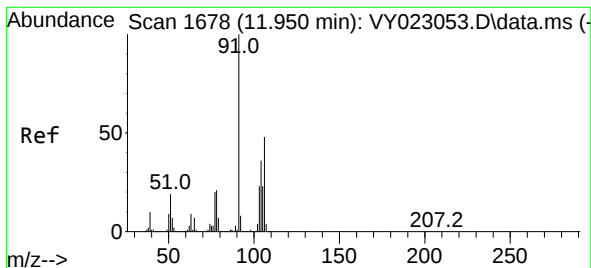
Tgt Ion:106 Resp: 396069

Ion Ratio Lower Upper

106 100

91 192.7 158.6 238.0

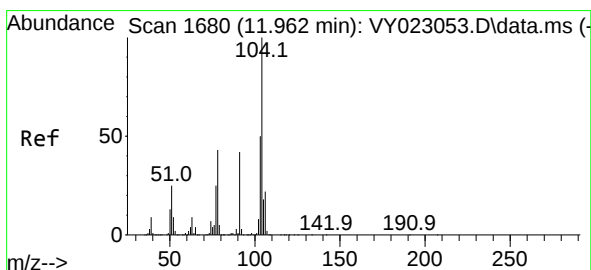
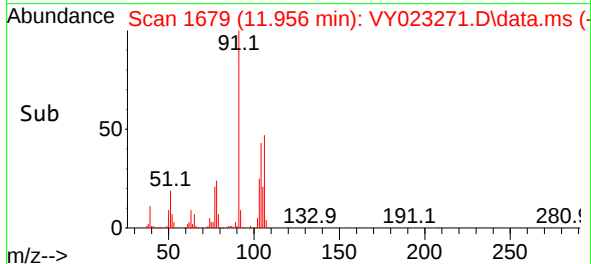
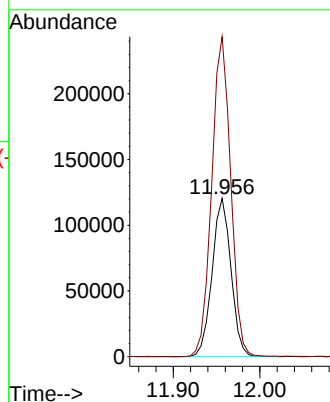
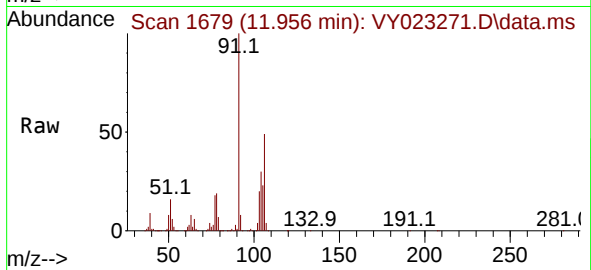




#69
o-Xylene
Concen: 21.232 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

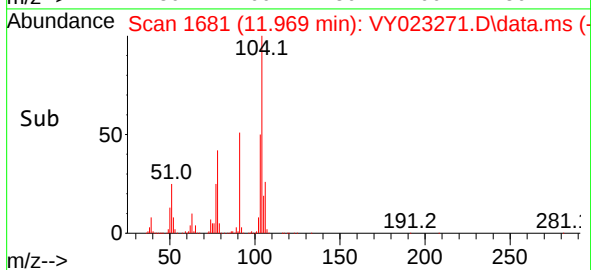
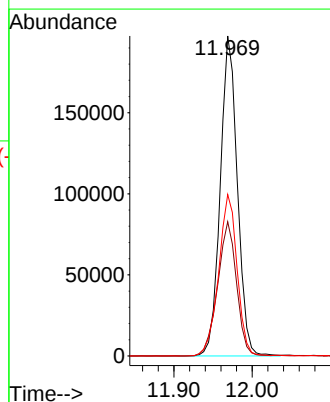
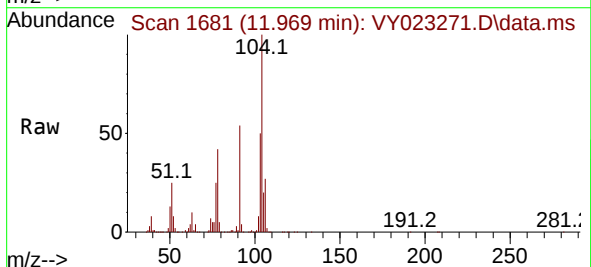
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion:106 Resp: 182131
Ion Ratio Lower Upper
106 100
91 203.7 103.2 309.4



#70
Styrene
Concen: 21.417 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion:104 Resp: 300450
Ion Ratio Lower Upper
104 100
78 46.2 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 21.835 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

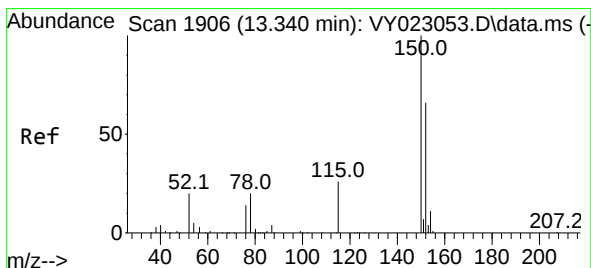
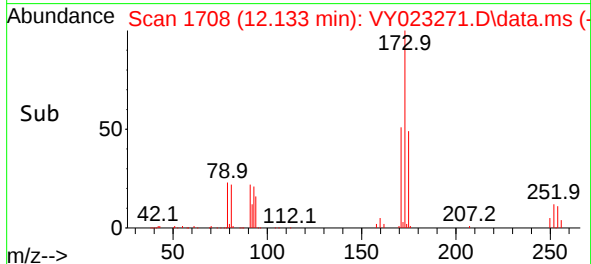
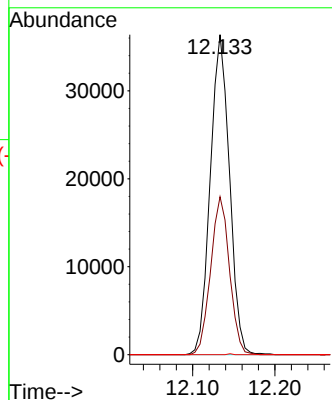
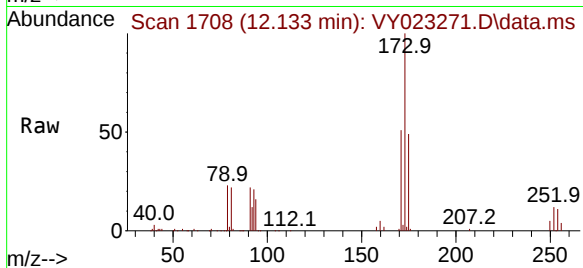
Tgt Ion:173 Resp: 59021

Ion Ratio Lower Upper

173 100

175 48.4 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: VY023271.D

Acq: 03 Sep 2025 11:01

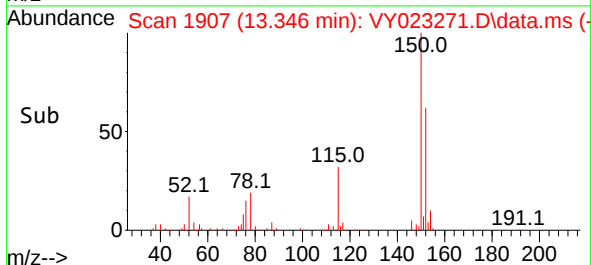
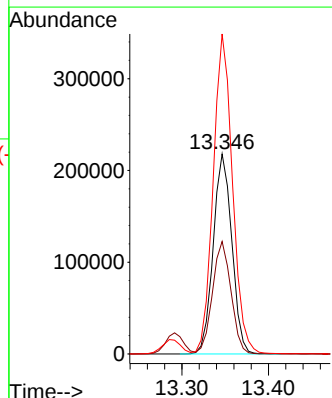
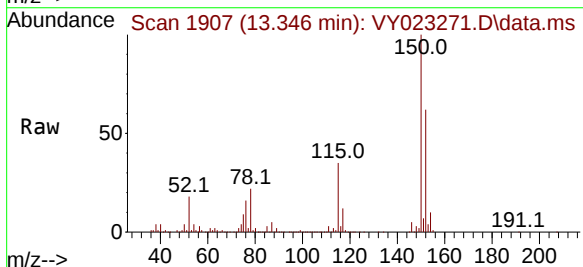
Tgt Ion:152 Resp: 325334

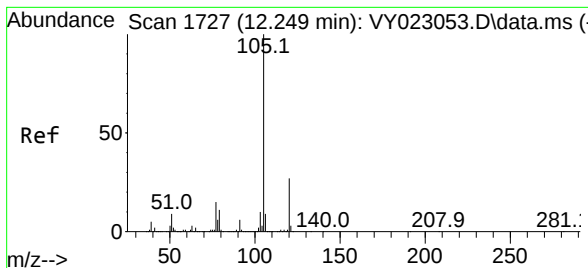
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.6

150 165.9 0.0 348.0





#73

Isopropylbenzene

Concen: 20.384 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

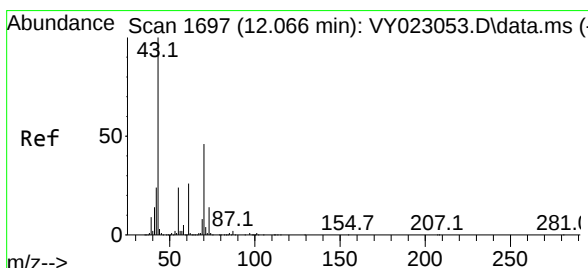
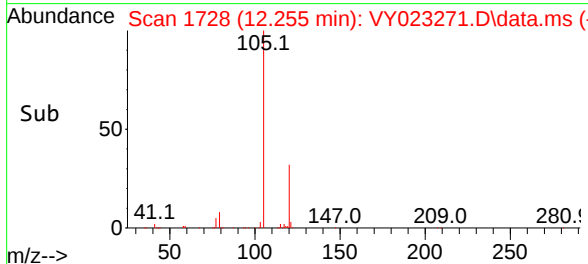
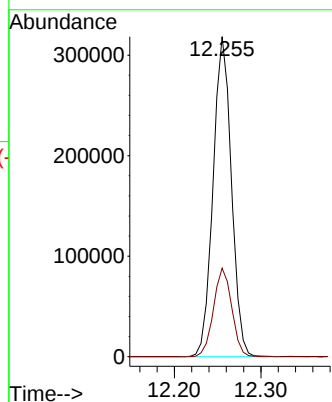
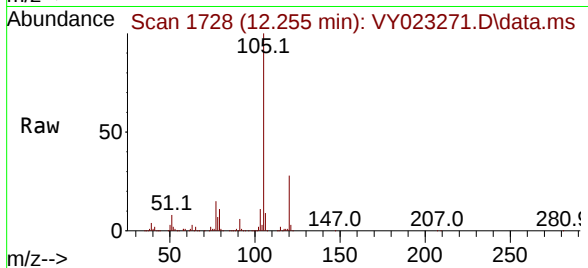
VY0903SBS01

Tgt Ion:105 Resp: 468054

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-amy1 acetate

Concen: 16.281 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Tgt Ion: 43 Resp: 79277

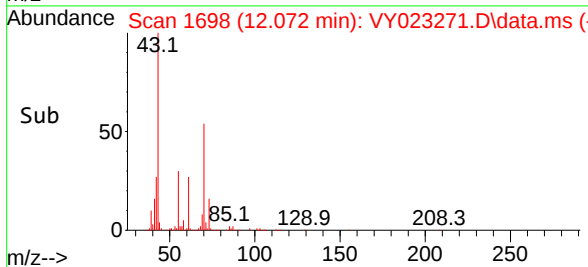
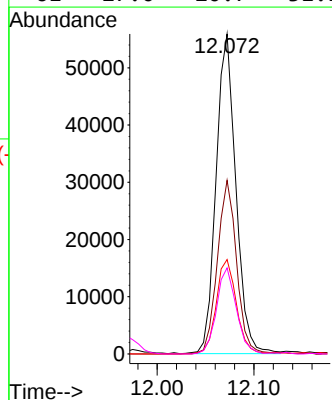
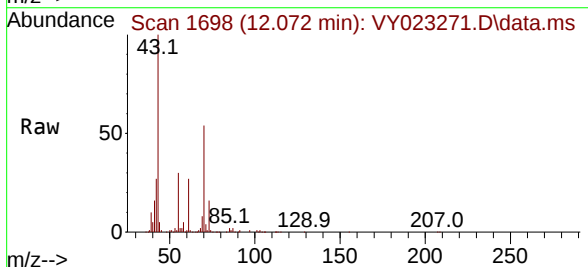
Ion Ratio Lower Upper

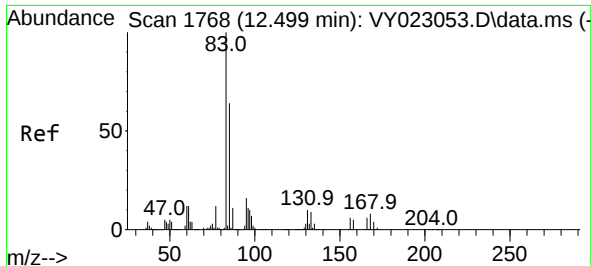
43 100

70 53.0 37.5 56.3

55 30.1 20.7 31.1

61 27.0 20.7 31.1

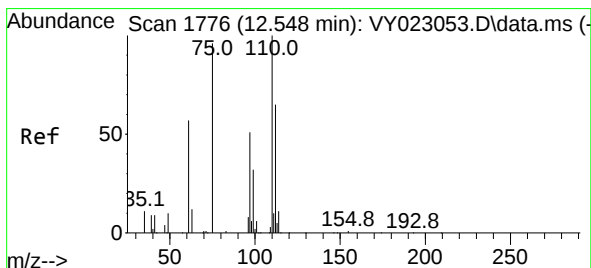
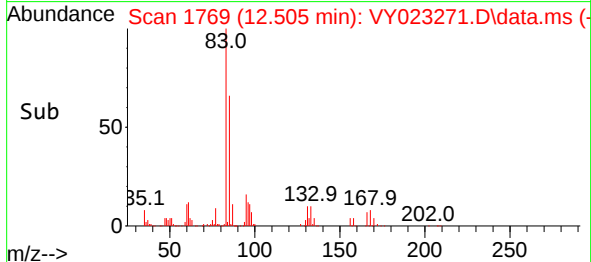
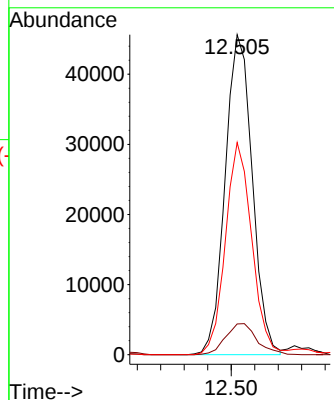
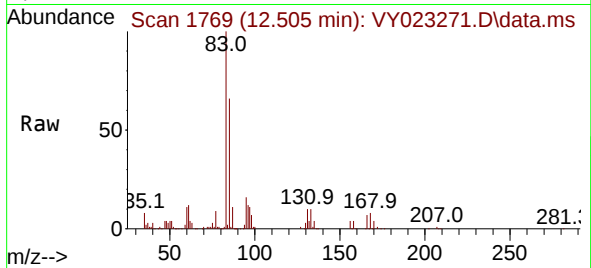




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.663 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023271.D
 Acq: 03 Sep 2025 11:01

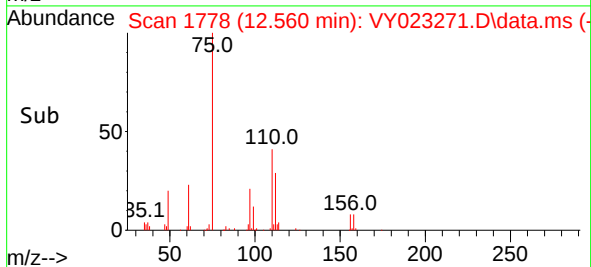
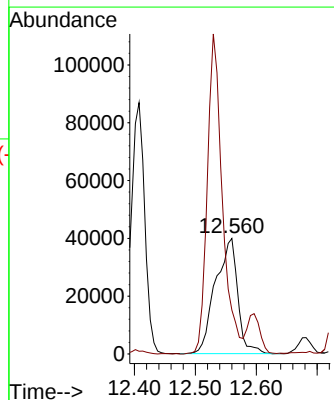
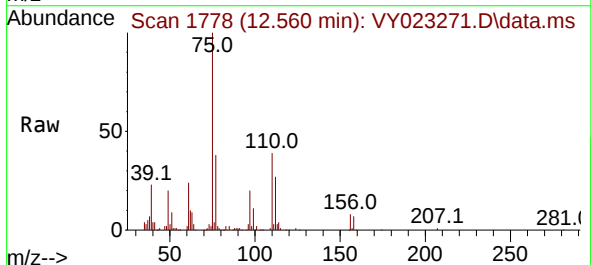
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

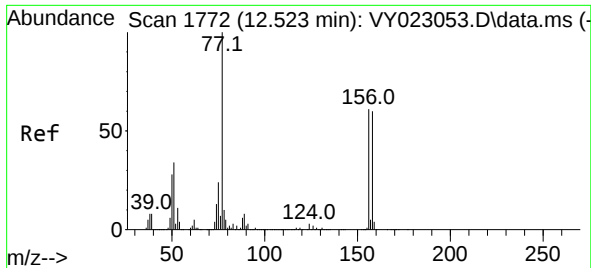
Tgt Ion: 83 Resp: 73172
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.1 15.3
 85 64.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.282 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.012 min
 Lab File: VY023271.D
 Acq: 03 Sep 2025 11:01

Tgt Ion: 75 Resp: 101361
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

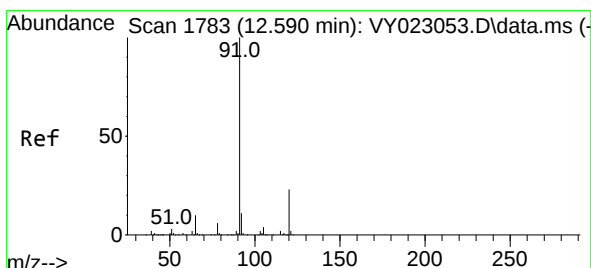
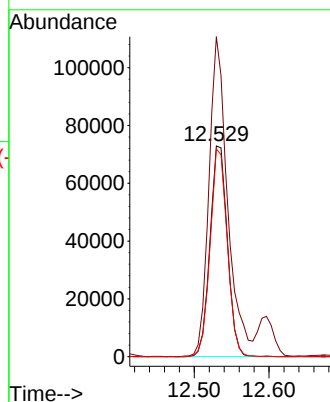
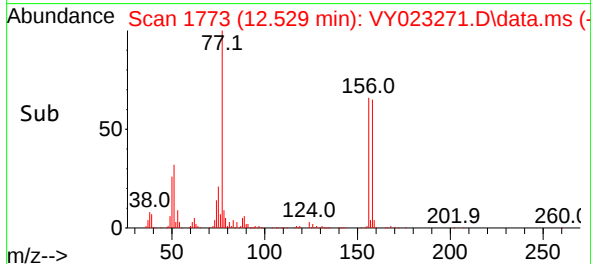
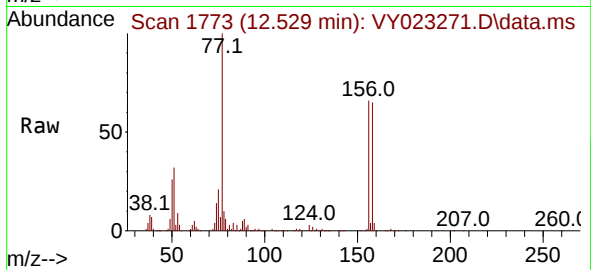




#77
Bromobenzene
Concen: 21.492 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

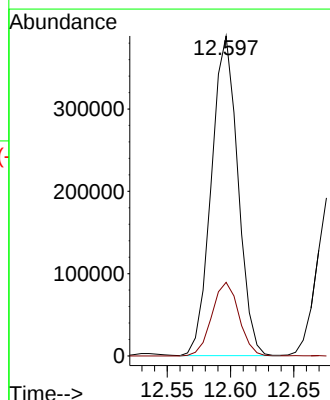
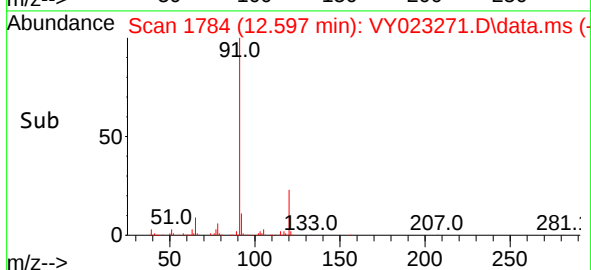
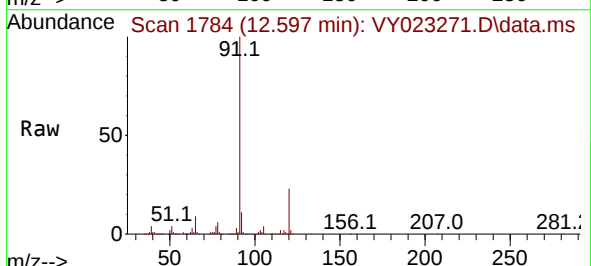
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

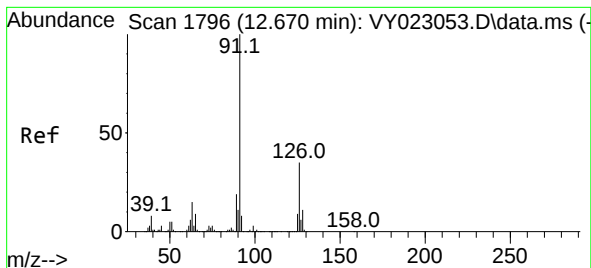
Tgt Ion:156 Resp: 117731
Ion Ratio Lower Upper
156 100
77 162.9 88.1 264.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 20.714 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 91 Resp: 566256
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5

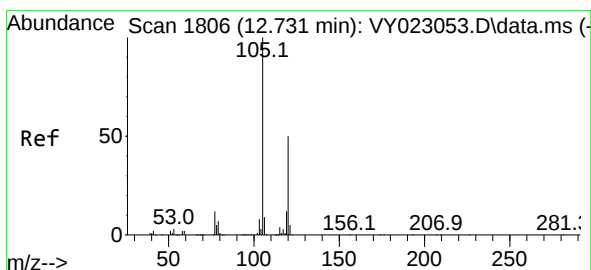
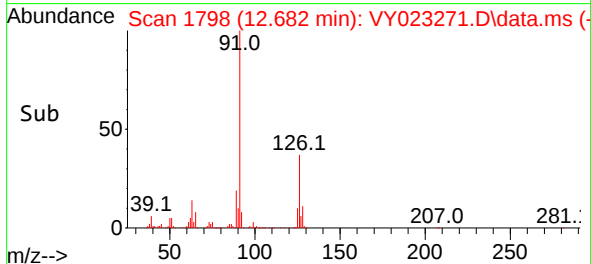
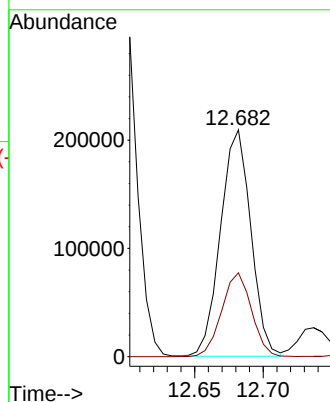
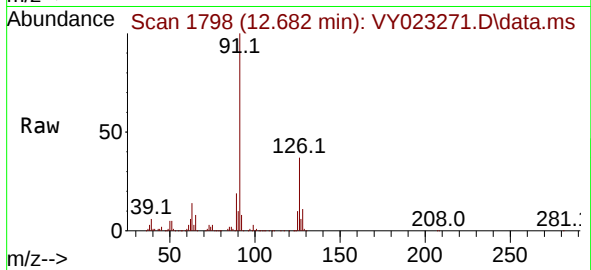




#79
2-Chlorotoluene
Concen: 20.617 ug/l
RT: 12.682 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

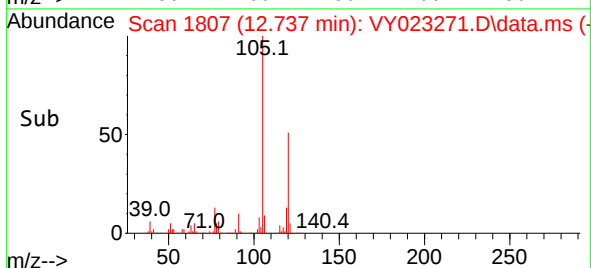
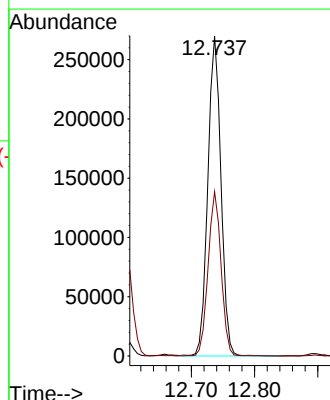
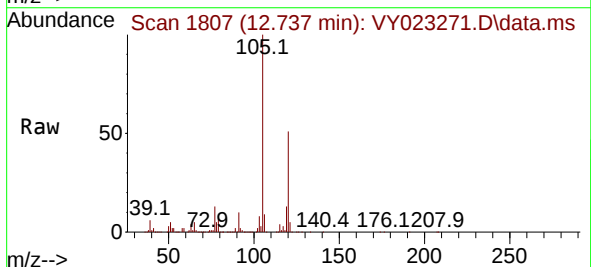
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

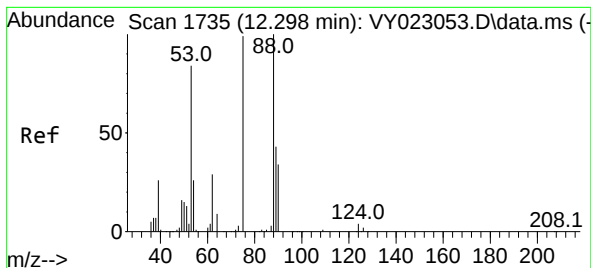
Tgt Ion: 91 Resp: 322923
Ion Ratio Lower Upper
91 100
126 36.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.989 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 105 Resp: 389510
Ion Ratio Lower Upper
105 100
120 50.9 24.8 74.4

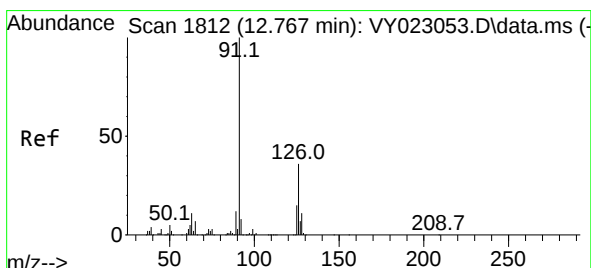
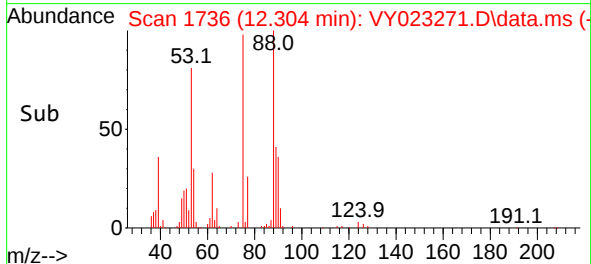
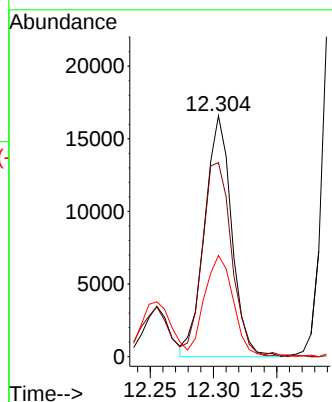
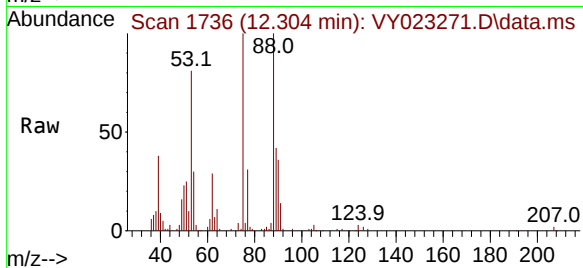




#81
trans-1,4-Dichloro-2-butene
Concen: 19.064 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

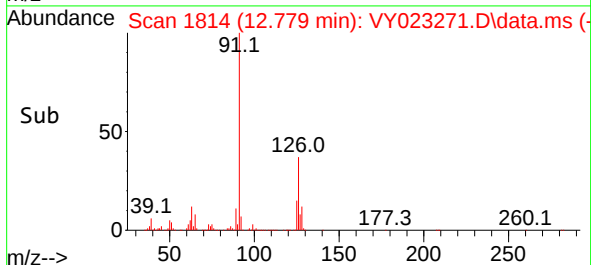
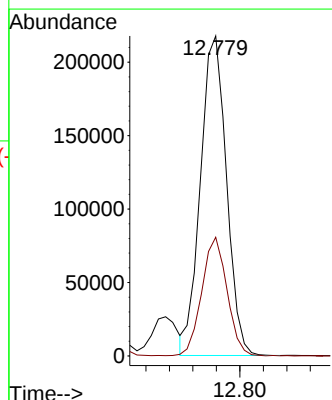
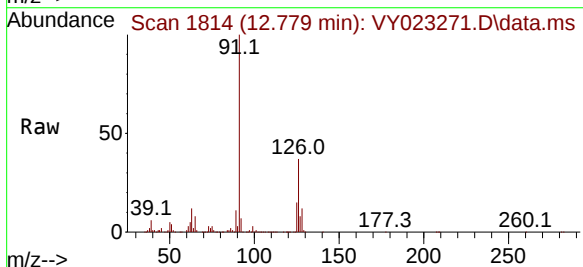
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion: 75 Resp: 24727
Ion Ratio Lower Upper
75 100
53 87.9 70.8 106.2
89 43.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.531 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 91 Resp: 333594
Ion Ratio Lower Upper
91 100
126 36.2 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.757 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

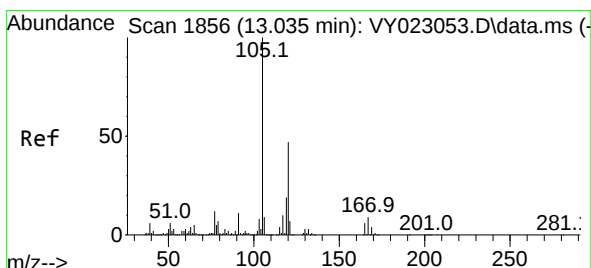
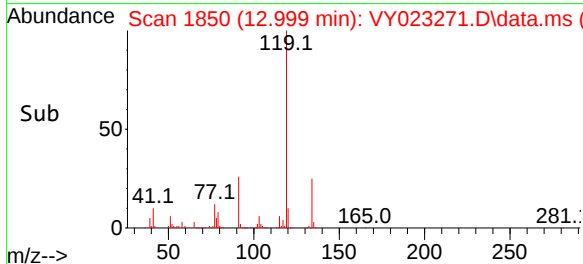
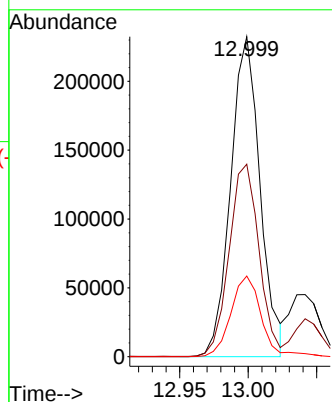
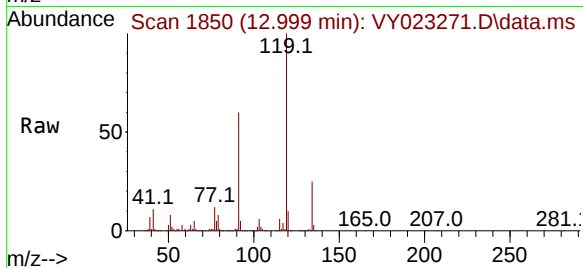
Tgt Ion:119 Resp: 347901

Ion Ratio Lower Upper

119 100

91 61.0 31.6 94.8

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.008 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023271.D

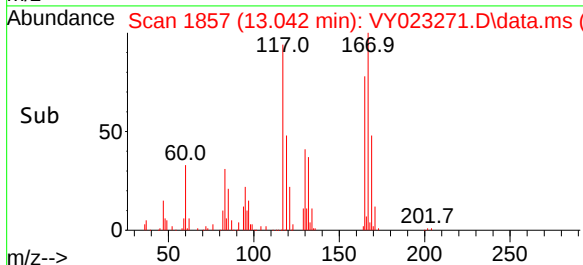
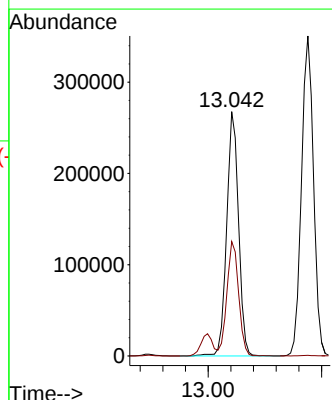
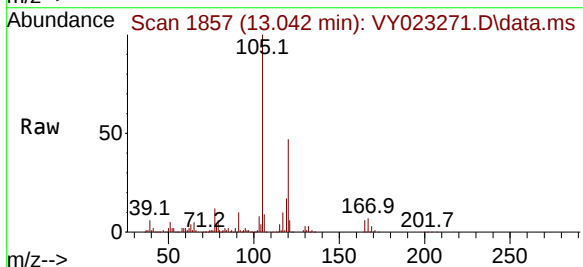
Acq: 03 Sep 2025 11:01

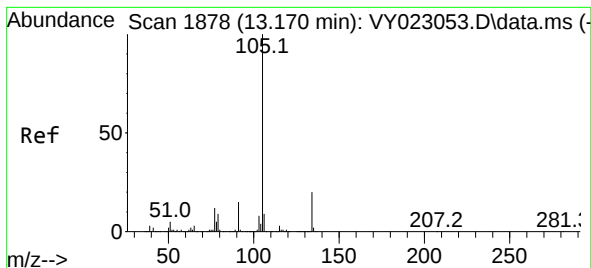
Tgt Ion:105 Resp: 388077

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.903 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

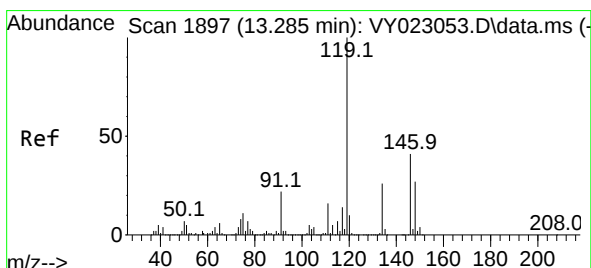
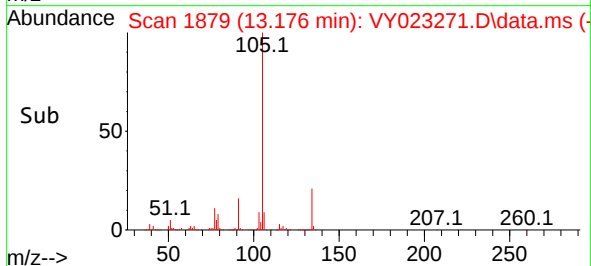
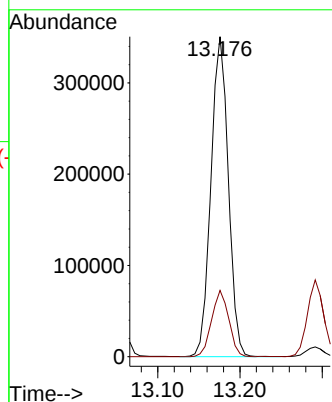
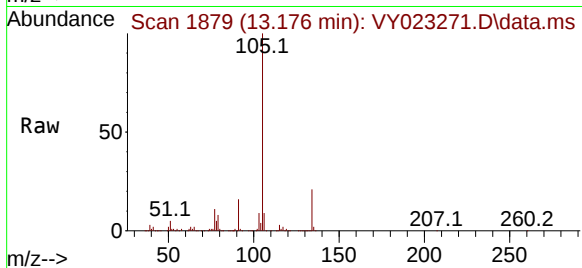
VY0903SBS01

Tgt Ion:105 Resp: 514644

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.875 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

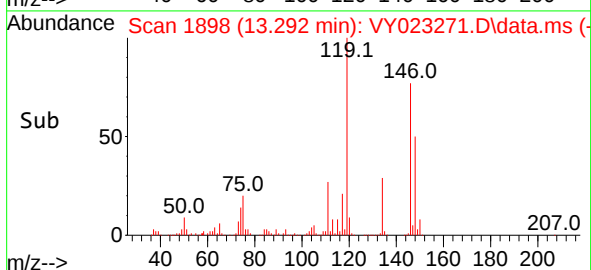
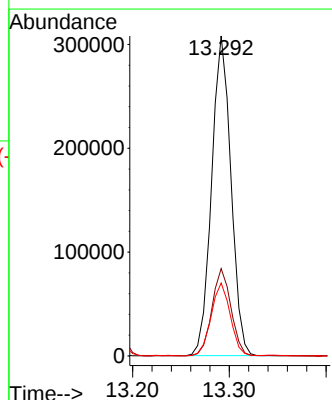
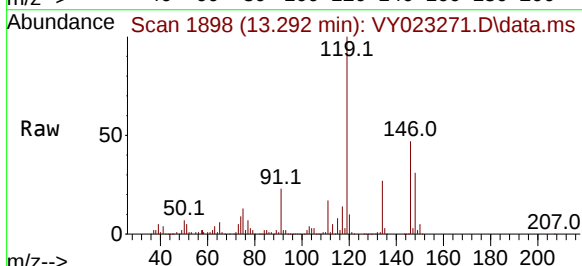
Tgt Ion:119 Resp: 426607

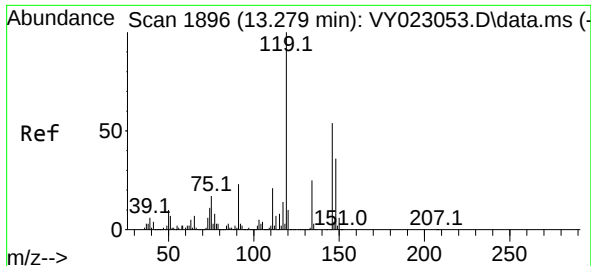
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 21.796 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

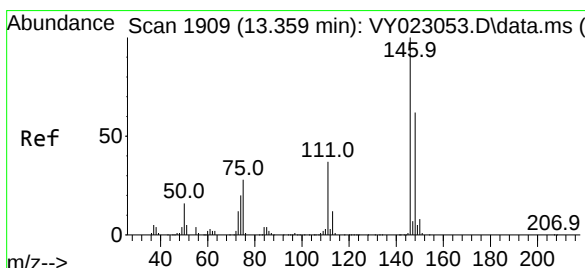
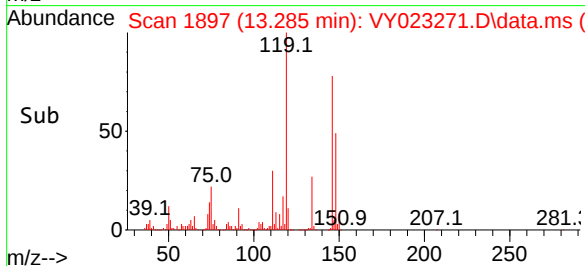
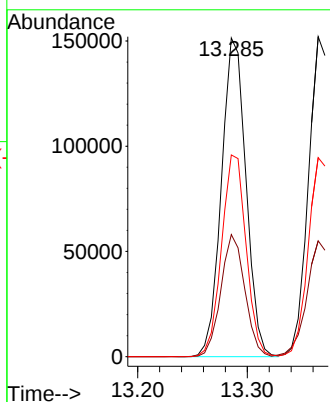
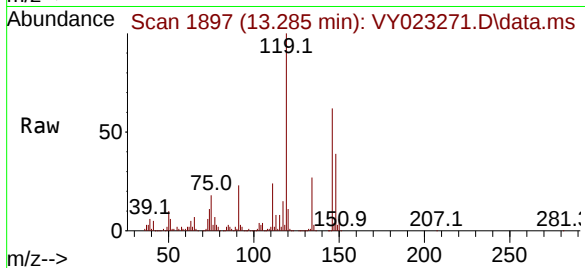
Tgt Ion:146 Resp: 235452

Ion Ratio Lower Upper

146 100

111 37.4 19.6 58.7

148 63.3 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 21.644 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

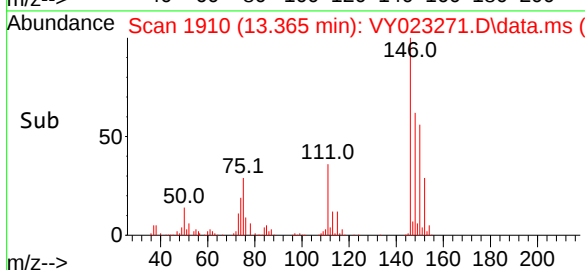
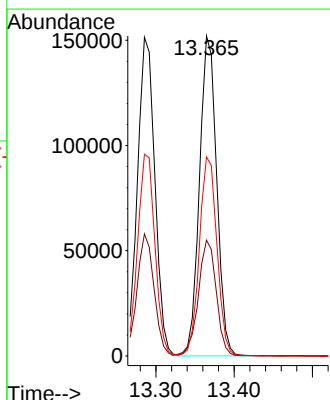
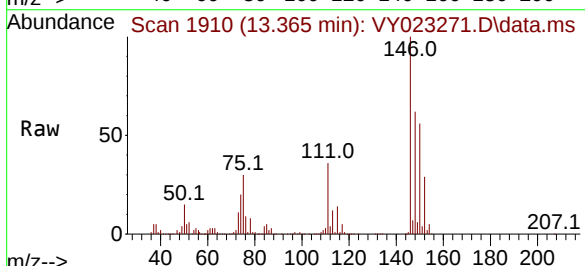
Tgt Ion:146 Resp: 231937

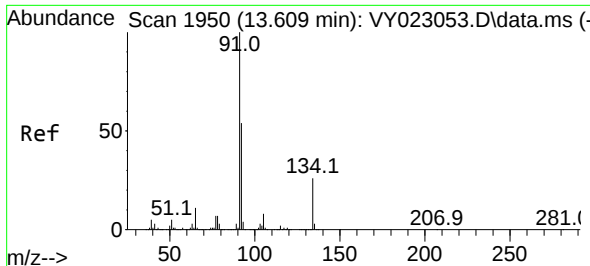
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 20.004 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

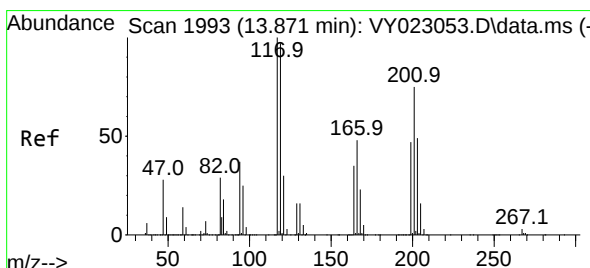
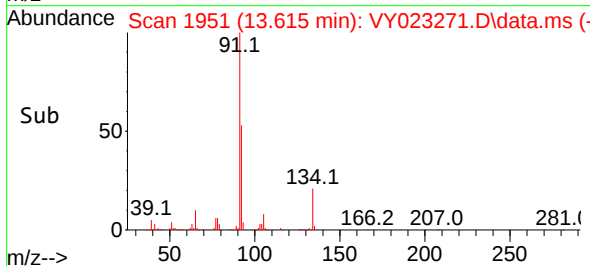
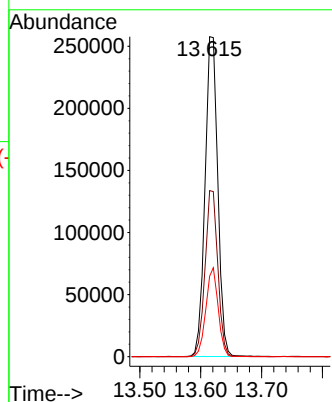
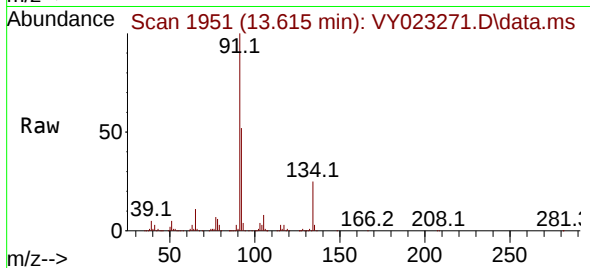
Tgt Ion: 91 Resp: 375471

Ion Ratio Lower Upper

91 100

92 52.2 26.9 80.7

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 22.216 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023271.D

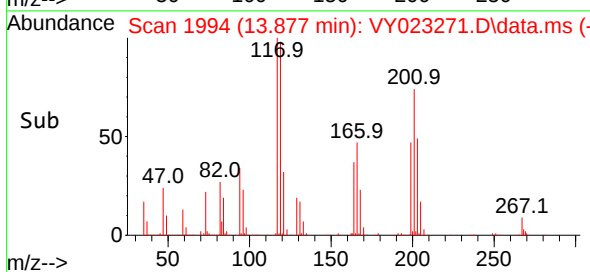
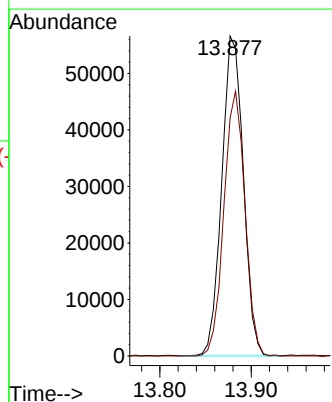
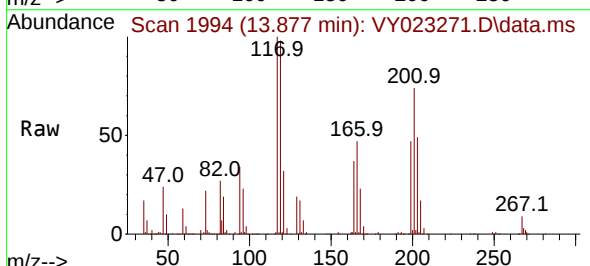
Acq: 03 Sep 2025 11:01

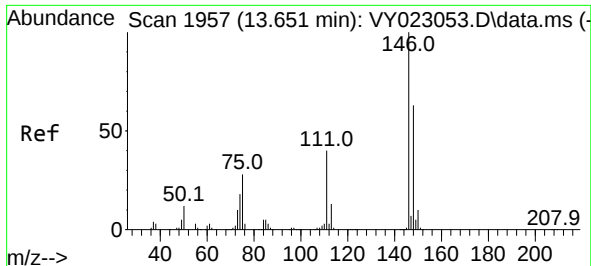
Tgt Ion: 117 Resp: 92942

Ion Ratio Lower Upper

117 100

201 80.9 38.4 115.1

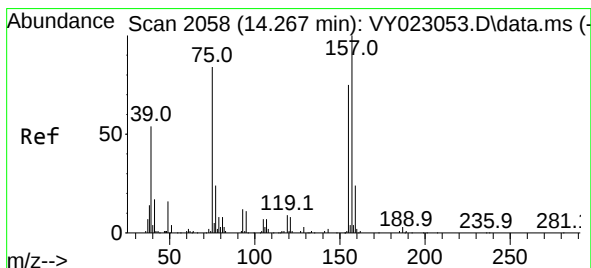
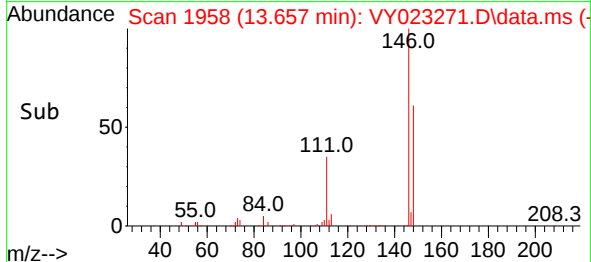
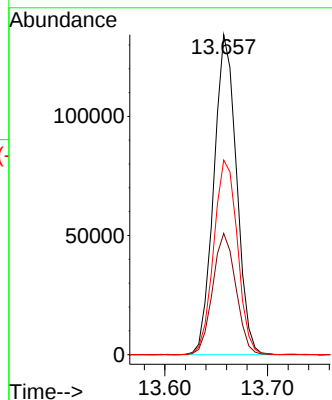
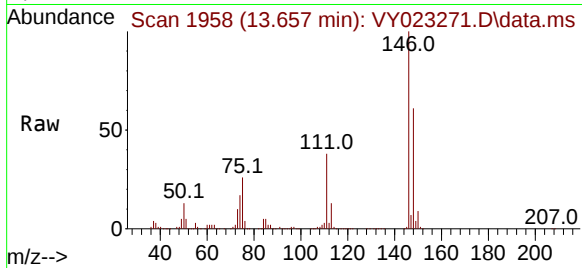




#91
1,2-Dichlorobenzene
Concen: 21.792 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

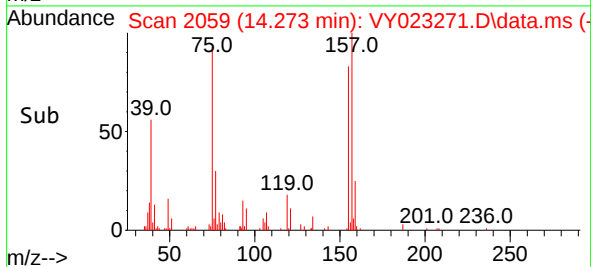
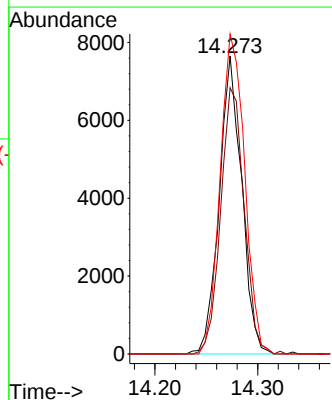
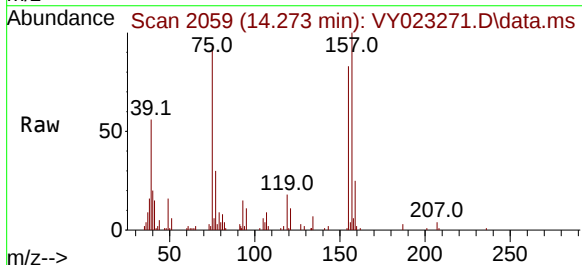
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

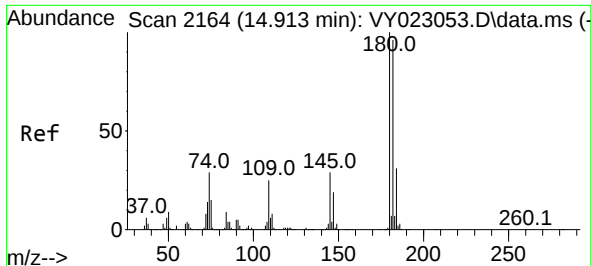
Tgt Ion:146 Resp: 206458
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.8
148 63.6 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.982 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion: 75 Resp: 11587
Ion Ratio Lower Upper
75 100
155 93.6 43.9 131.6
157 117.1 57.2 171.6

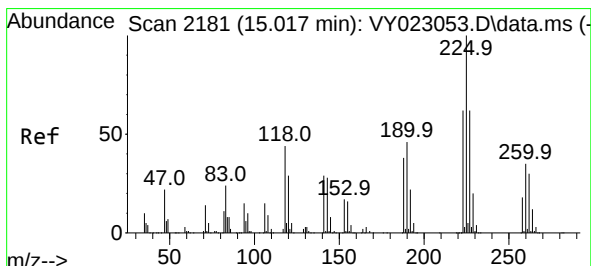
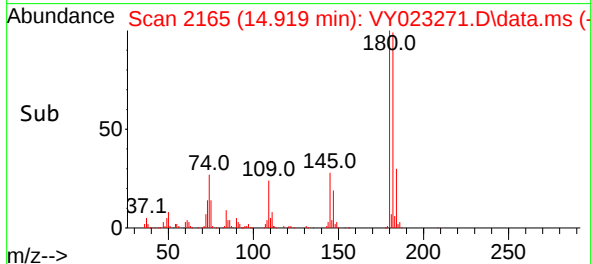
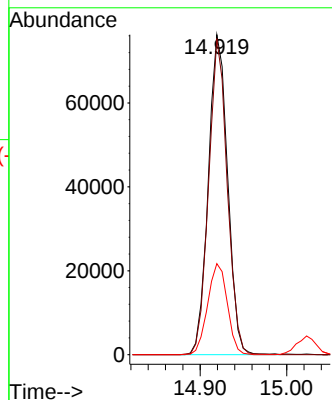
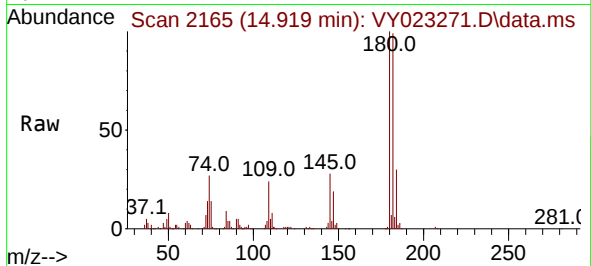




#93
1,2,4-Trichlorobenzene
Concen: 21.093 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

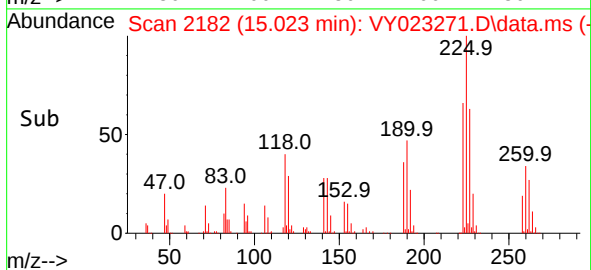
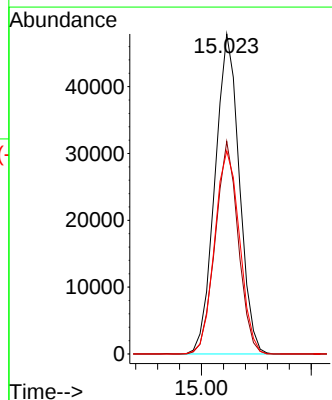
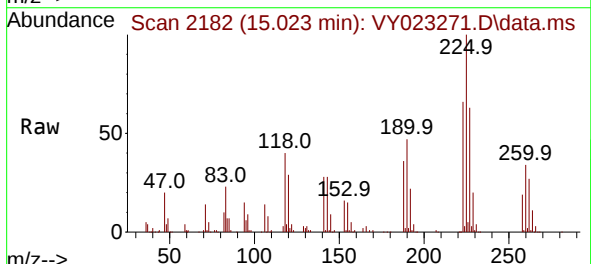
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

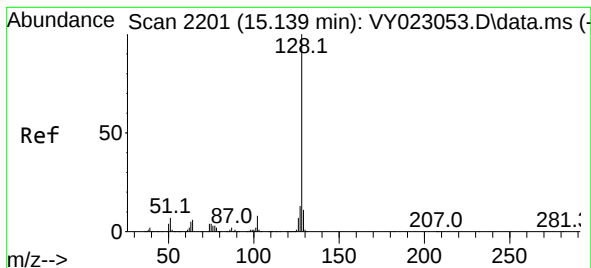
Tgt Ion:180 Resp: 118172
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.4
145 28.9 14.4 43.4



#94
Hexachlorobutadiene
Concen: 22.433 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023271.D
Acq: 03 Sep 2025 11:01

Tgt Ion:225 Resp: 73853
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.8
227 65.2 31.5 94.5





#95

Naphthalene

Concen: 18.329 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

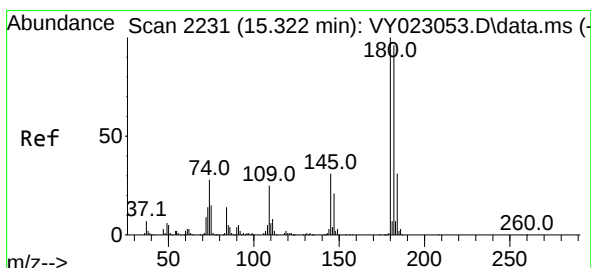
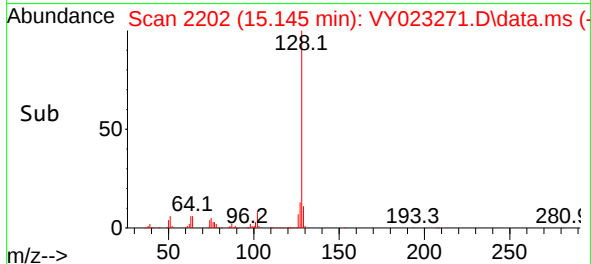
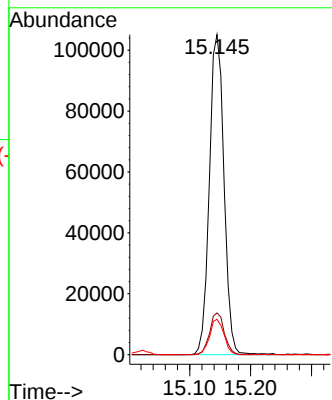
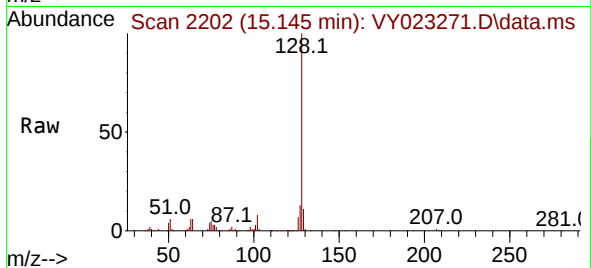
Tgt Ion:128 Resp: 175104

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.684 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023271.D

Acq: 03 Sep 2025 11:01

Tgt Ion:180 Resp: 99855

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.7

145 31.6 15.9 47.7

