

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
 Data File : VY023252.D
 Acq On : 02 Sep 2025 08:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 03 03:26:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	475955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	695623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	620932	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	319834	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	212438	46.832	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.660%
35) Dibromofluoromethane	7.634	113	228324	54.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.700%
50) Toluene-d8	10.109	98	885660	54.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.940%
62) 4-Bromofluorobenzene	12.407	95	284353	54.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.866	85	167005	42.987	ug/l	99
3) Chloromethane	2.074	50	262843	41.771	ug/l	98
4) Vinyl Chloride	2.208	62	339281	43.619	ug/l	100
5) Bromomethane	2.598	94	263257	45.318	ug/l	99
6) Chloroethane	2.738	64	240028	46.416	ug/l	98
7) Trichlorofluoromethane	3.061	101	446686	47.228	ug/l	100
8) Diethyl Ether	3.458	74	117059	46.780	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.823	101	243039	52.086	ug/l	97
10) Methyl Iodide	4.006	142	283995	56.403	ug/l	98
11) Tert butyl alcohol	4.860	59	83528	268.739	ug/l	100
12) 1,1-Dichloroethene	3.793	96	230197	50.190	ug/l	92
13) Acrolein	3.653	56	18064	39.684	ug/l	92
14) Allyl chloride	4.390	41	307147	45.512	ug/l	98
15) Acrylonitrile	5.061	53	239447	235.373	ug/l	98
16) Acetone	3.872	43	278365	283.254	ug/l	100
17) Carbon Disulfide	4.110	76	680352	45.494	ug/l	99
18) Methyl Acetate	4.390	43	139692	47.767	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	568720	47.852	ug/l	98
20) Methylene Chloride	4.616	84	268377	52.702	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	265550	51.520	ug/l	95
22) Diisopropyl ether	6.018	45	697514	47.563	ug/l	93
23) Vinyl Acetate	5.963	43	1834426	226.220	ug/l	99
24) 1,1-Dichloroethane	5.914	63	444834	49.613	ug/l	98
25) 2-Butanone	6.896	43	323907	242.343	ug/l	97
26) 2,2-Dichloropropane	6.884	77	403381	52.139	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	308315	51.742	ug/l	95
28) Bromochloromethane	7.244	49	168158	47.273	ug/l	90
29) Tetrahydrofuran	7.268	42	181076	218.564	ug/l	96
30) Chloroform	7.420	83	480751	51.990	ug/l	96
31) Cyclohexane	7.701	56	368559	43.621	ug/l	99
32) 1,1,1-Trichloroethane	7.615	97	427070	52.051	ug/l	99
36) 1,1-Dichloropropene	7.841	75	335635	54.258	ug/l	99
37) Ethyl Acetate	6.987	43	124091	47.755	ug/l	99
38) Carbon Tetrachloride	7.823	117	383909	57.140	ug/l	97
39) Methylcyclohexane	9.109	83	427955	52.536	ug/l	96
40) Benzene	8.085	78	1056934	55.436	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	72021	48.025	ug/l	90
42) 1,2-Dichloroethane	8.158	62	261037	52.643	ug/l	98
43) Isopropyl Acetate	8.201	43	246391	46.913	ug/l	96
44) Trichloroethene	8.865	130	291395	59.142	ug/l	98
45) 1,2-Dichloropropane	9.146	63	238045	54.263	ug/l	100
46) Dibromomethane	9.231	93	141555	56.219	ug/l	97
47) Bromodichloromethane	9.426	83	362455	55.944	ug/l	97
48) Methyl methacrylate	9.225	41	116983	46.547	ug/l	91
49) 1,4-Dioxane	9.231	88	31353	1061.974	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	667982	246.566	ug/l	98
52) Toluene	10.170	92	689495	56.940	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	314764	53.650	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	376814	54.315	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	189601	56.274	ug/l	99
56) Ethyl methacrylate	10.438	69	219455	50.903	ug/l	98
57) 1,3-Dichloropropane	10.719	76	306731	53.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	496984	244.384	ug/l	96
59) 2-Hexanone	10.761	43	478996	259.655	ug/l	98
60) Dibromochloromethane	10.914	129	259007	58.260	ug/l	99
61) 1,2-Dibromoethane	11.017	107	175829	55.524	ug/l	99
64) Tetrachloroethene	10.645	164	363173	65.501	ug/l	99
65) Chlorobenzene	11.444	112	753226	56.238	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	265158	58.333	ug/l	99
67) Ethyl Benzene	11.523	91	1281461	55.597	ug/l	98
68) m/p-Xylenes	11.627	106	1023135	113.655	ug/l	97
69) o-Xylene	11.956	106	474612	56.292	ug/l	98
70) Styrene	11.968	104	795267	57.677	ug/l	98
71) Bromoform	12.133	173	153324	57.712	ug/l #	98
73) Isopropylbenzene	12.255	105	1232779	54.612	ug/l	99
74) N-amyl acetate	12.072	43	215530	45.023	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	182874	47.446	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	263062	85.223	ug/l #	100
77) Bromobenzene	12.535	156	302612	56.192	ug/l	94
78) n-propylbenzene	12.596	91	1461267	54.372	ug/l	98
79) 2-Chlorotoluene	12.682	91	829160	53.847	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	1010693	55.400	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	62078	48.683	ug/l	98
82) 4-Chlorotoluene	12.779	91	873326	54.672	ug/l	99
83) tert-Butylbenzene	12.999	119	907001	55.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	1004442	55.308	ug/l	99
85) sec-Butylbenzene	13.175	105	1336216	55.205	ug/l	98
86) p-Isopropyltoluene	13.291	119	1131507	56.319	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	605803	57.043	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	588674	55.878	ug/l	99
89) n-Butylbenzene	13.620	91	1004759	54.450	ug/l	99
90) Hexachloroethane	13.883	117	233446	56.760	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	525628	56.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28050	46.741	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	309192	56.137	ug/l	99
94) Hexachlorobutadiene	15.023	225	191575	59.191	ug/l	100
95) Naphthalene	15.145	128	495168	52.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	266091	56.065	ug/l	98

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

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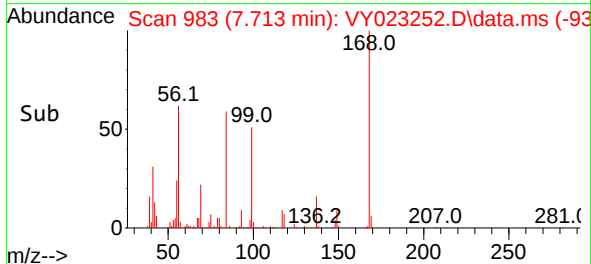
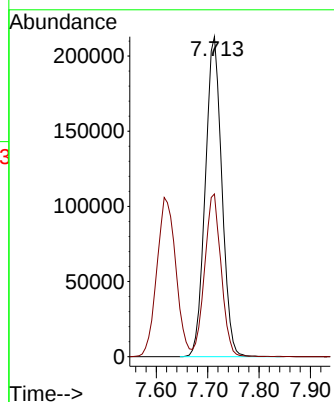
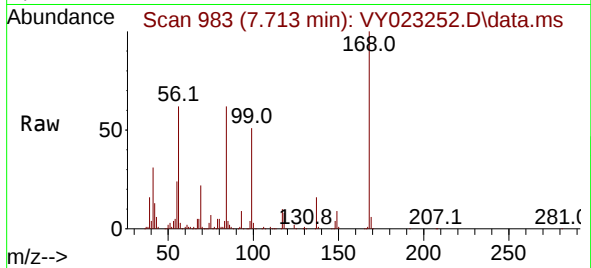




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

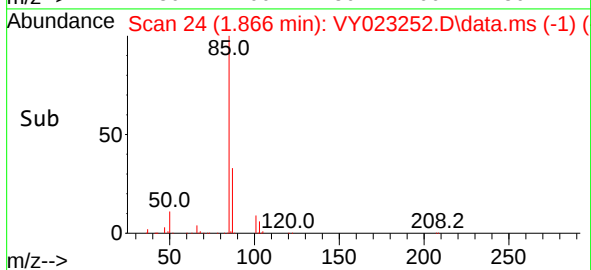
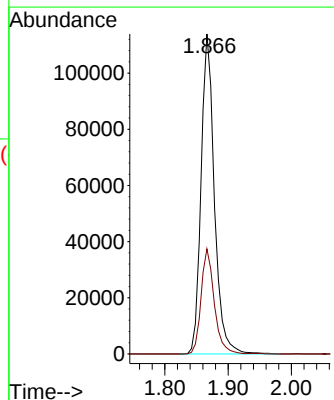
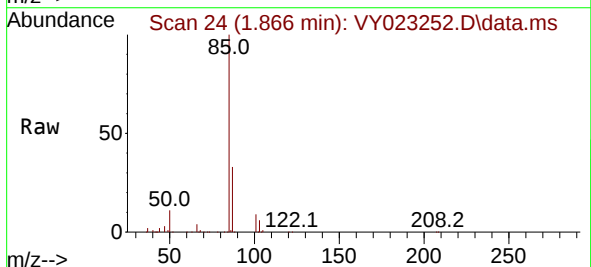
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 475955
Ion Ratio Lower Upper
168 100
99 50.8 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 42.987 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 85 Resp: 167005
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.8

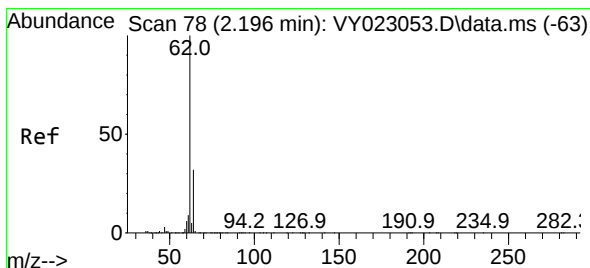
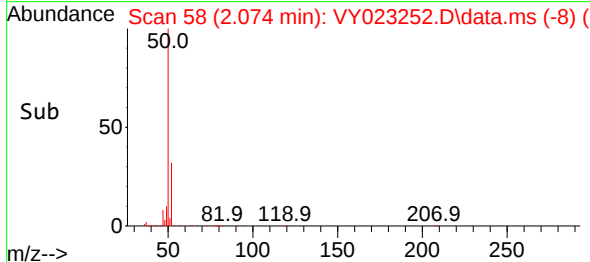
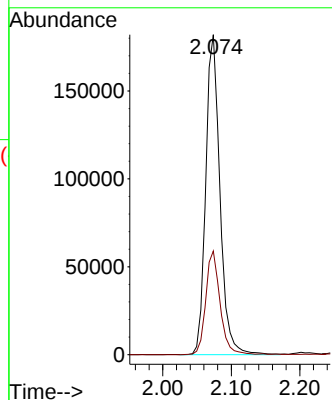
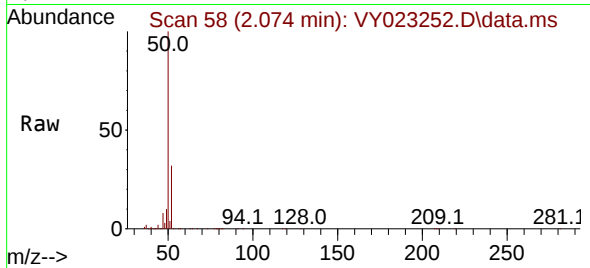




#3
Chloromethane
Concen: 41.771 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

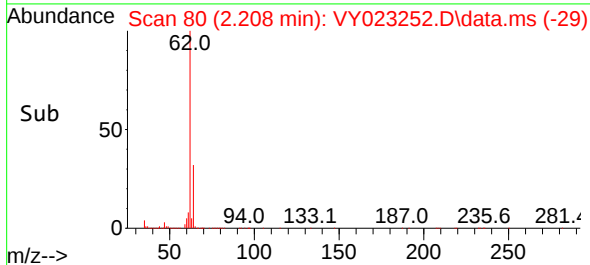
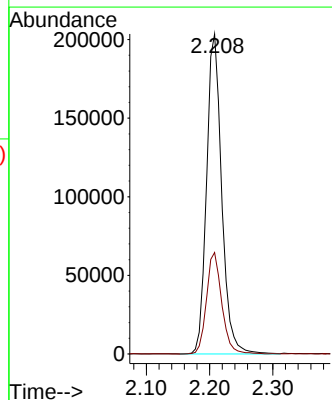
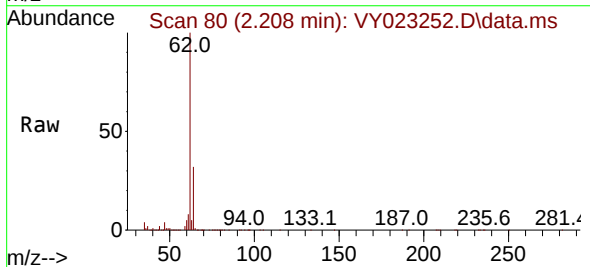
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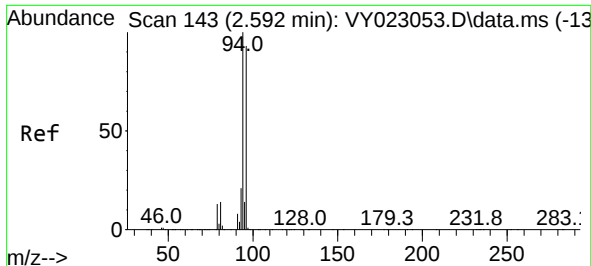
Tgt Ion: 50 Resp: 262843
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1



#4
Vinyl Chloride
Concen: 43.619 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 62 Resp: 339281
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

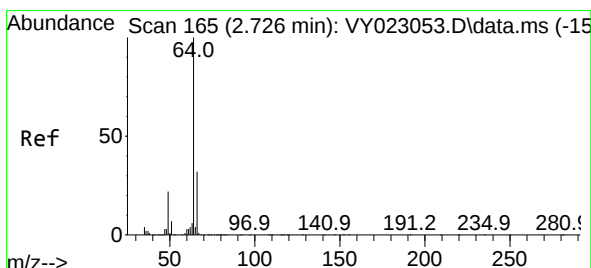
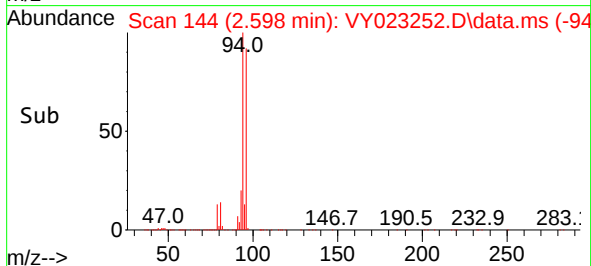
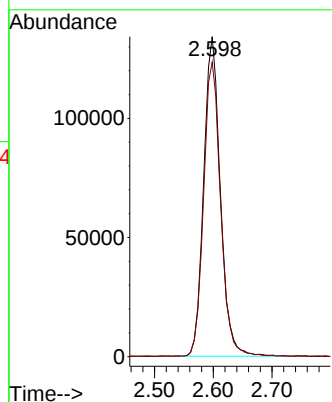
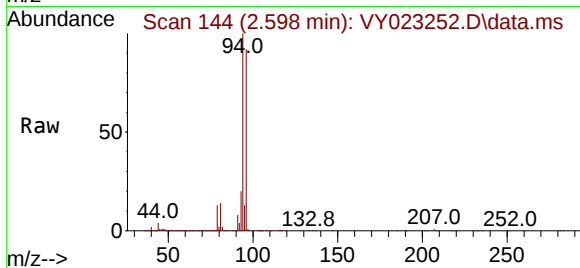




#5
Bromomethane
Concen: 45.318 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

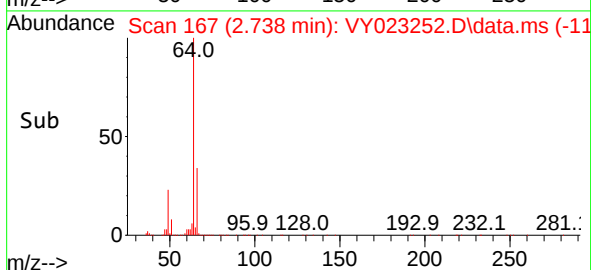
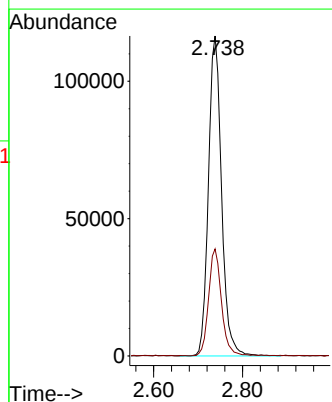
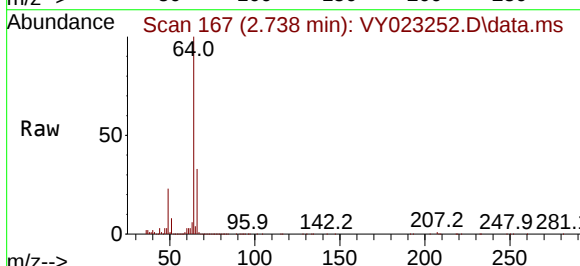
Instrument :
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ClientSampleId :
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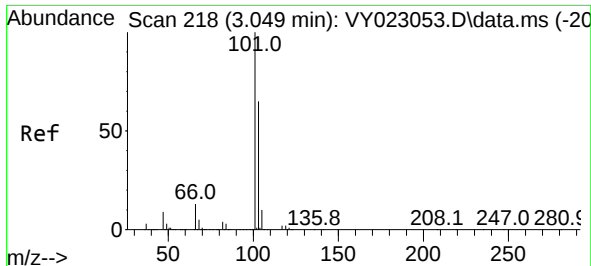
Tgt Ion: 94 Resp: 263257
Ion Ratio Lower Upper
94 100
96 92.0 74.6 112.0



#6
Chloroethane
Concen: 46.416 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 64 Resp: 240028
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.6

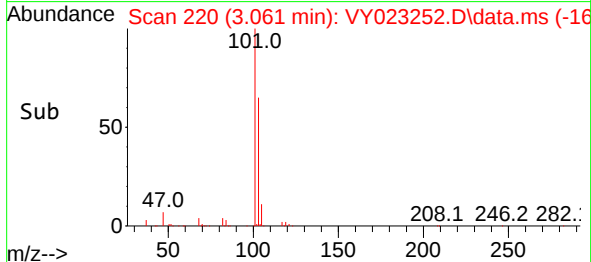
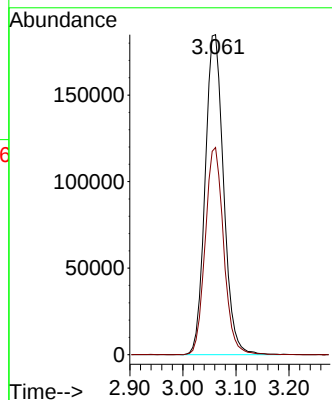
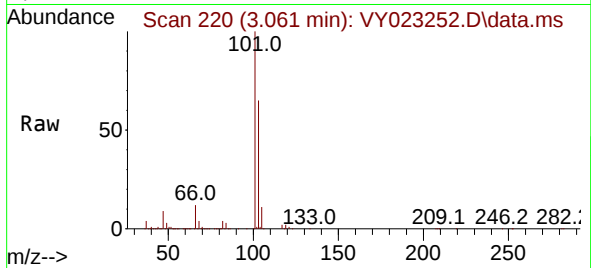




#7
Trichlorofluoromethane
Concen: 47.228 ug/l
RT: 3.061 min Scan# 218
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

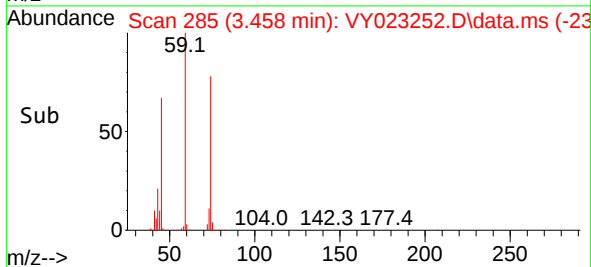
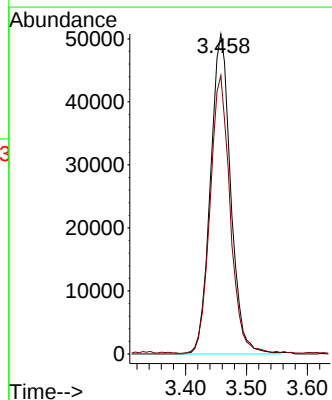
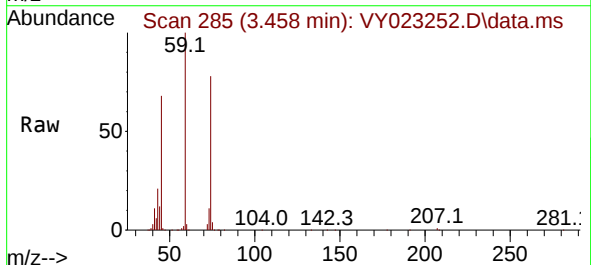
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 446686
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9



#8
Diethyl Ether
Concen: 46.780 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 74 Resp: 117059
Ion Ratio Lower Upper
74 100
45 86.0 44.4 133.2

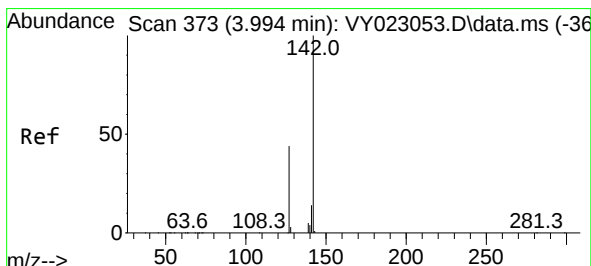
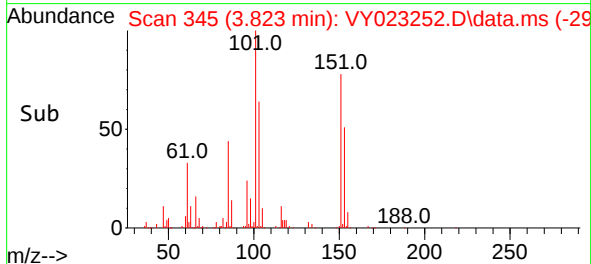
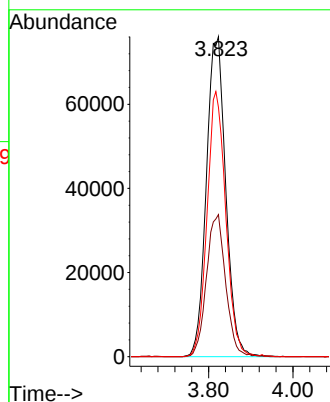
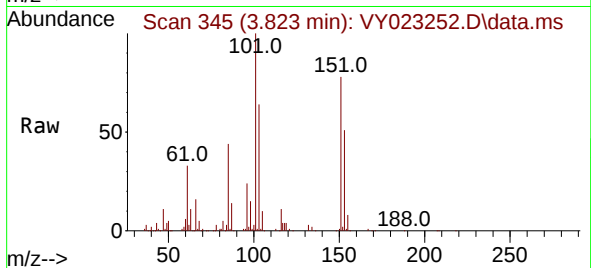




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.086 ug/l
RT: 3.823 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

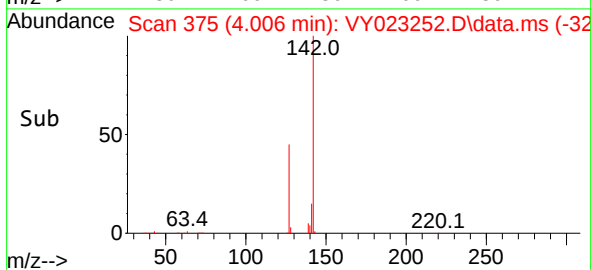
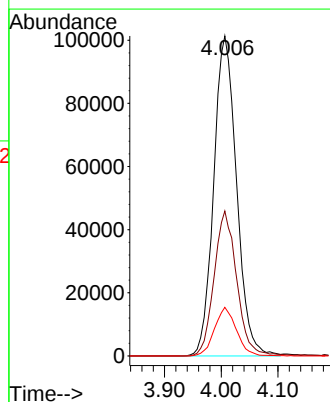
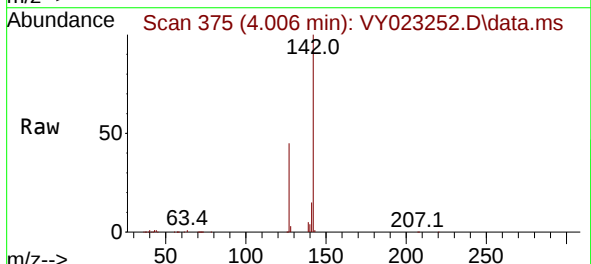
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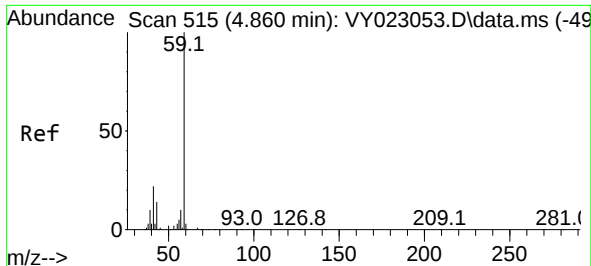
Tgt Ion:101 Resp: 243039
Ion Ratio Lower Upper
101 100
85 44.1 36.3 54.5
151 79.9 61.5 92.3



#10
Methyl Iodide
Concen: 56.403 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion:142 Resp: 283995
Ion Ratio Lower Upper
142 100
127 44.9 34.9 52.3
141 14.6 11.3 16.9

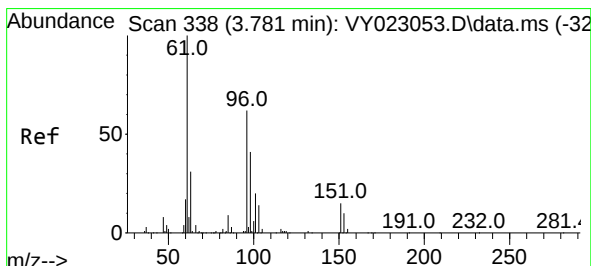
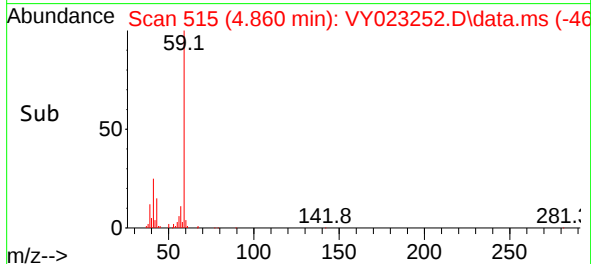
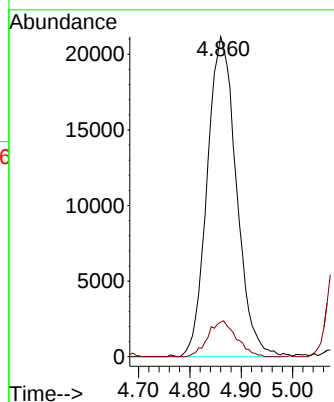
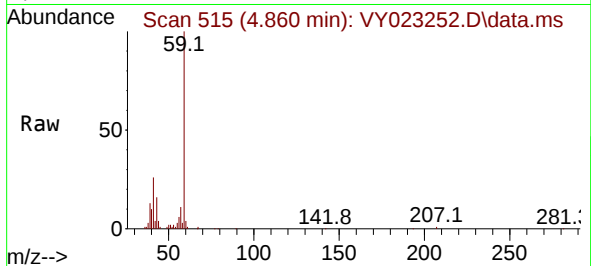




#11
Tert butyl alcohol
Concen: 268.739 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

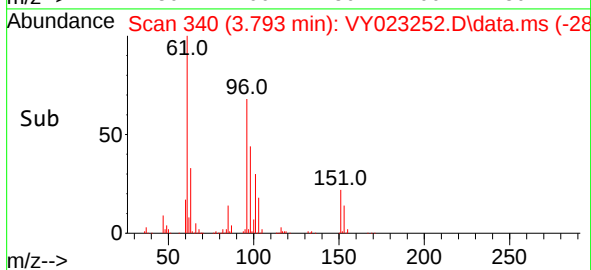
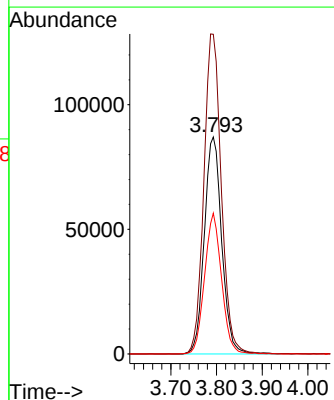
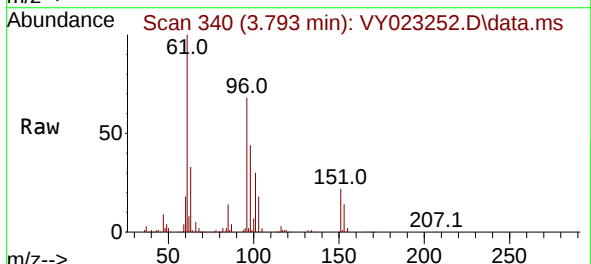
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

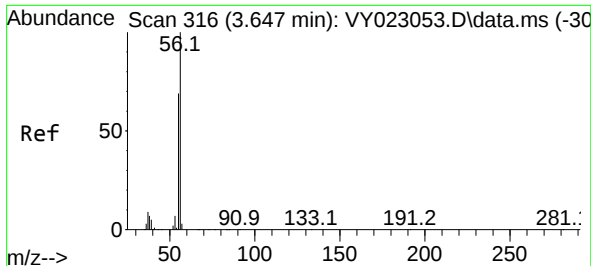
Tgt Ion: 59 Resp: 83528
Ion Ratio Lower Upper
59 100
57 10.9 8.6 13.0



#12
1,1-Dichloroethene
Concen: 50.190 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 96 Resp: 230197
Ion Ratio Lower Upper
96 100
61 147.4 129.4 194.2
98 64.9 52.8 79.2





#13

Acrolein

Concen: 39.684 ug/l

RT: 3.653 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

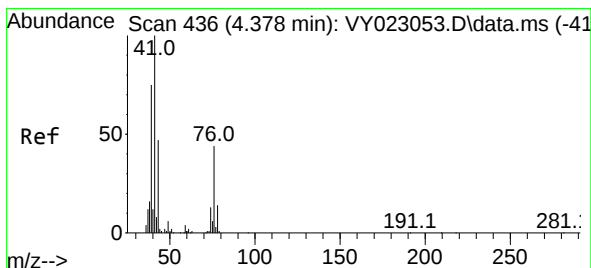
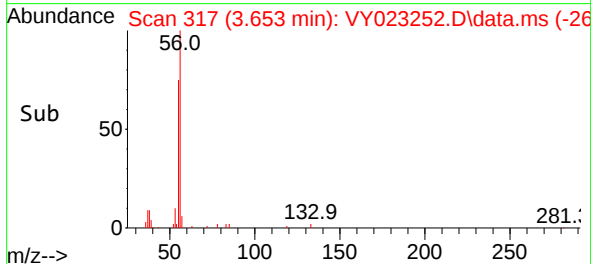
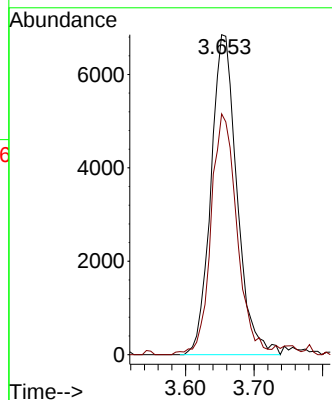
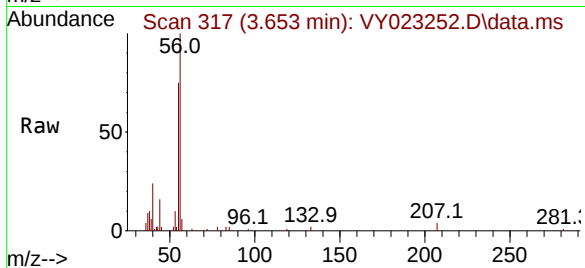
VSTDCCC050

Tgt Ion: 56 Resp: 18064

Ion Ratio Lower Upper

56 100

55 75.1 55.2 82.8



#14

Allyl chloride

Concen: 45.512 ug/l

RT: 4.390 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

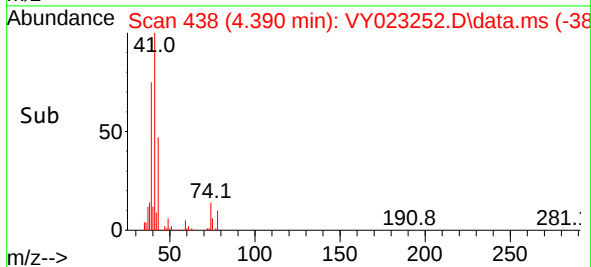
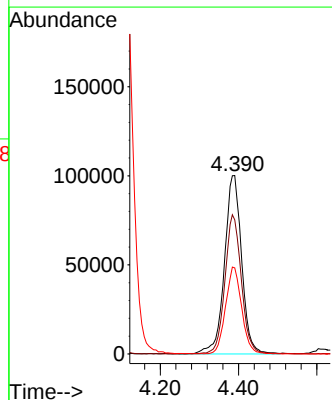
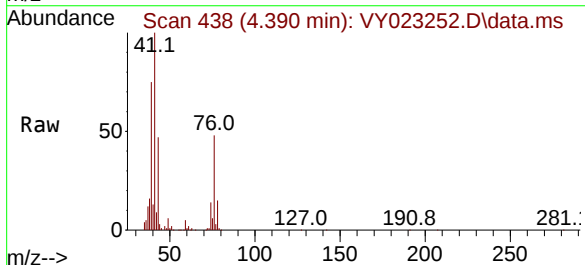
Tgt Ion: 41 Resp: 307147

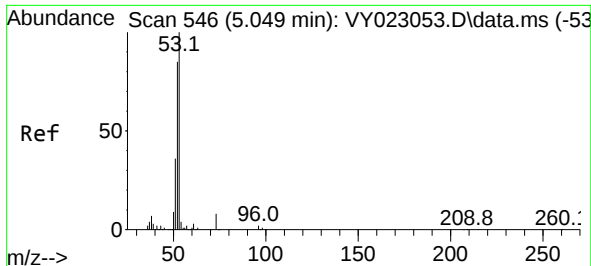
Ion Ratio Lower Upper

41 100

39 74.4 59.8 89.6

76 45.5 33.7 50.5

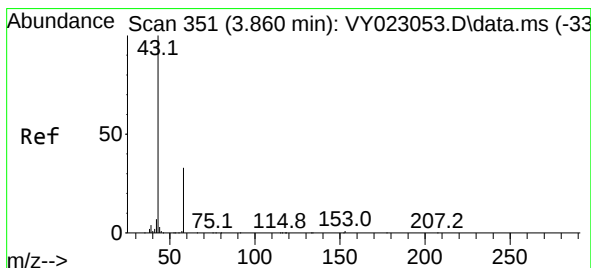
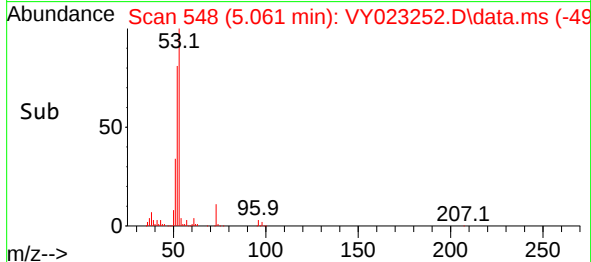
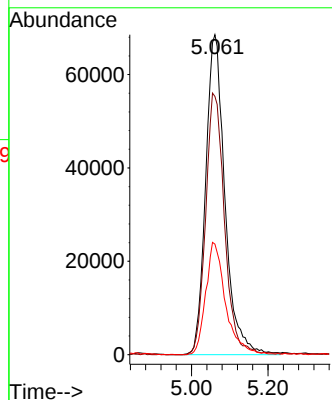
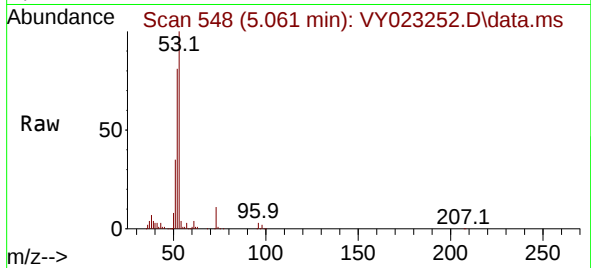




#15
Acrylonitrile
Concen: 235.373 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

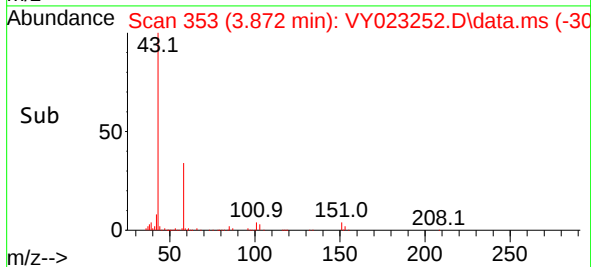
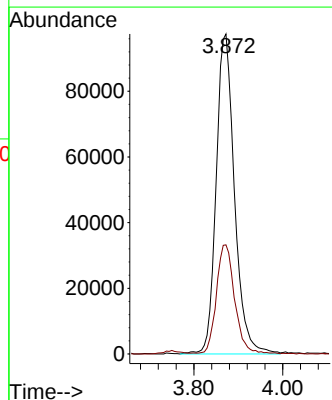
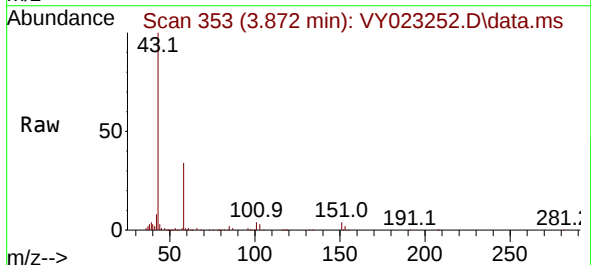
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

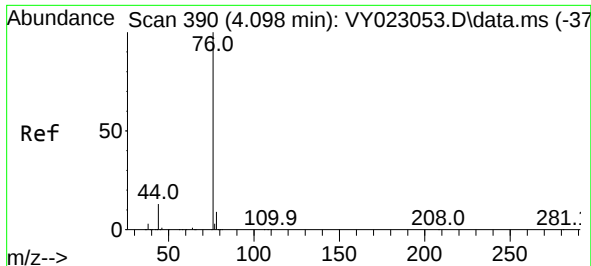
Tgt Ion: 53 Resp: 239447
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 36.3 29.5 44.3



#16
Acetone
Concen: 283.254 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 43 Resp: 278365
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7

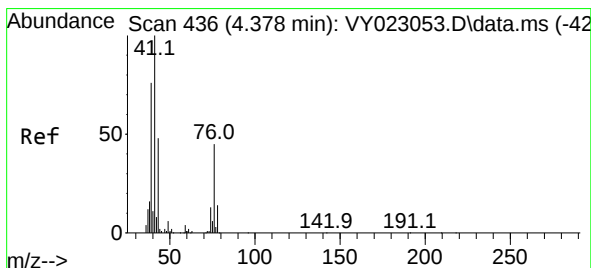
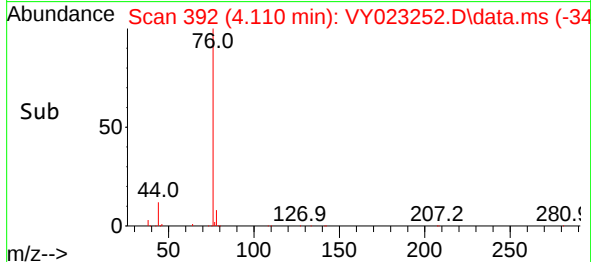
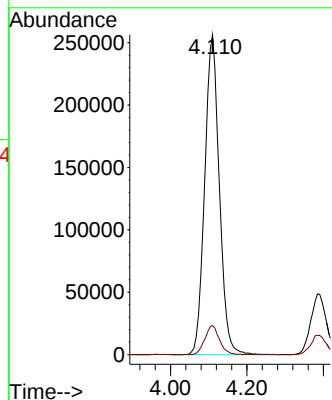
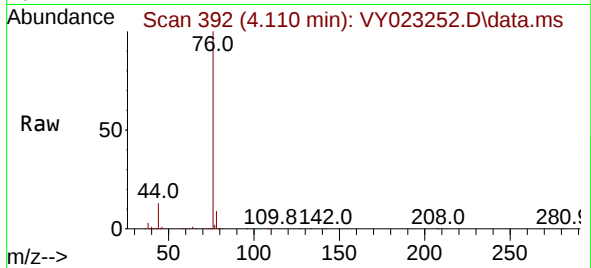




#17
Carbon Disulfide
Concen: 45.494 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

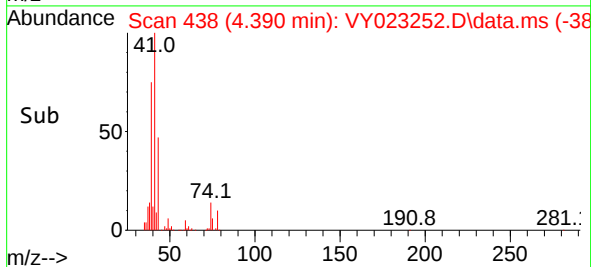
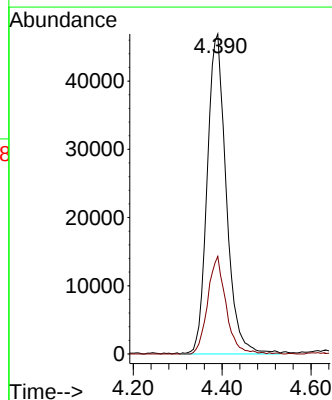
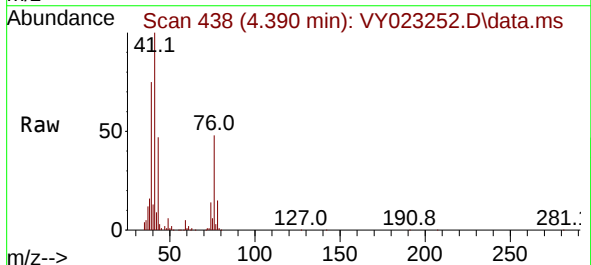
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

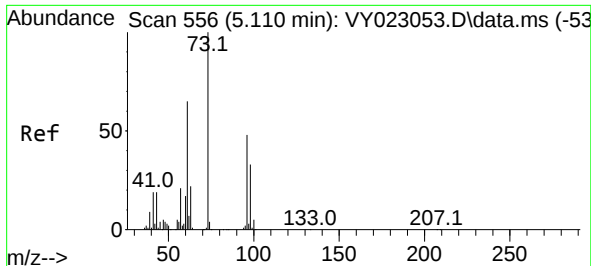
Tgt Ion: 76 Resp: 680352
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 47.767 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 43 Resp: 139692
Ion Ratio Lower Upper
43 100
74 29.3 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 47.852 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

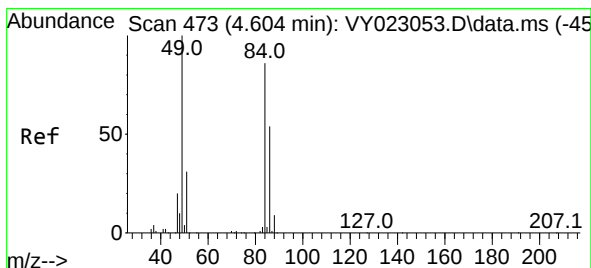
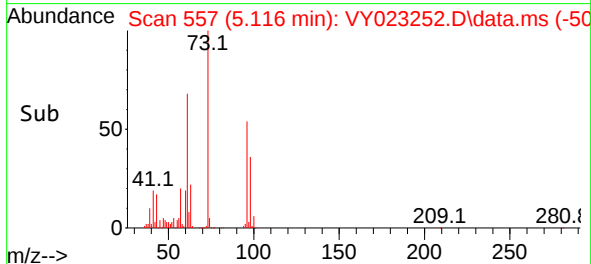
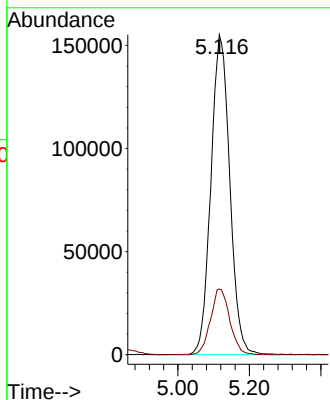
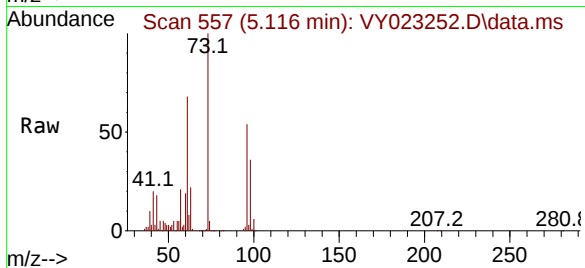
VSTDCCC050

Tgt Ion: 73 Resp: 568720

Ion Ratio Lower Upper

73 100

57 20.6 17.1 25.7



#20

Methylene Chloride

Concen: 52.702 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Tgt Ion: 84 Resp: 268377

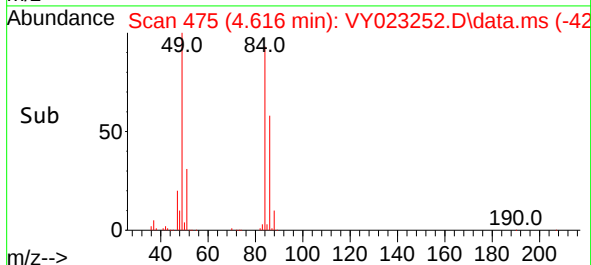
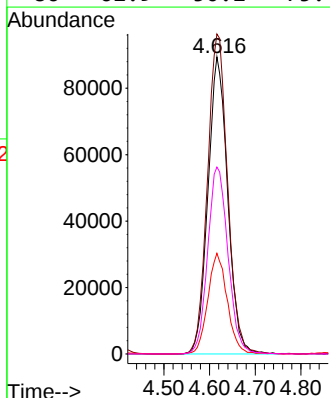
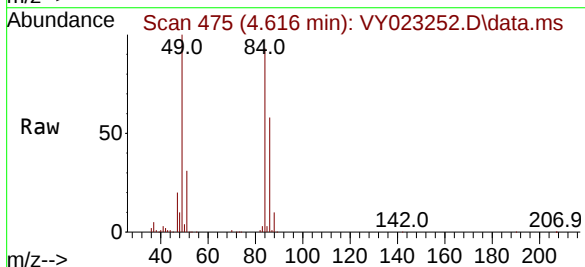
Ion Ratio Lower Upper

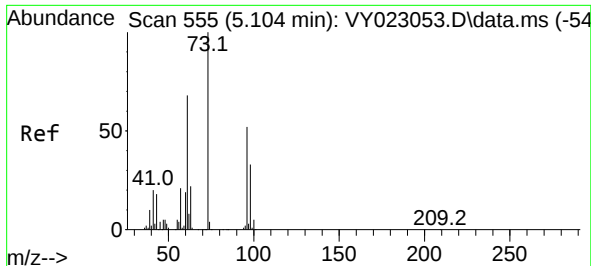
84 100

49 107.7 93.0 139.6

51 33.8 29.0 43.4

86 62.9 50.2 75.4

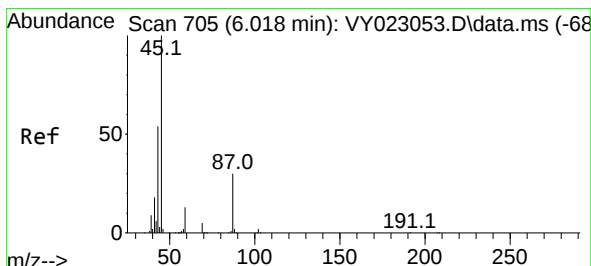
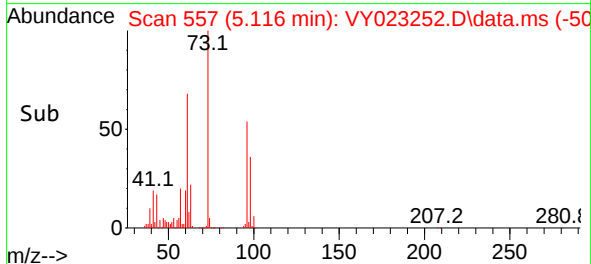
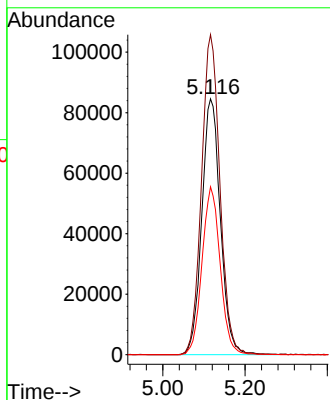
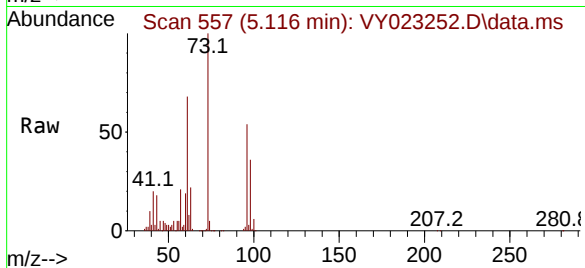




#21
trans-1,2-Dichloroethene
Concen: 51.520 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

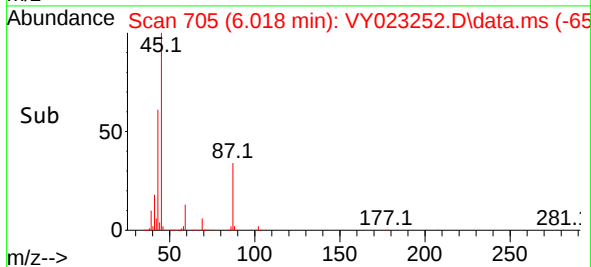
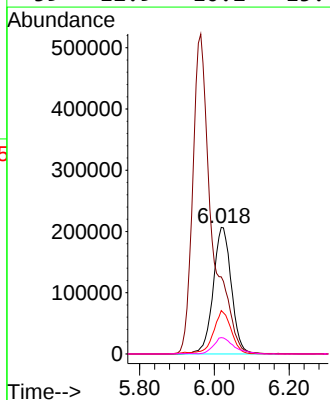
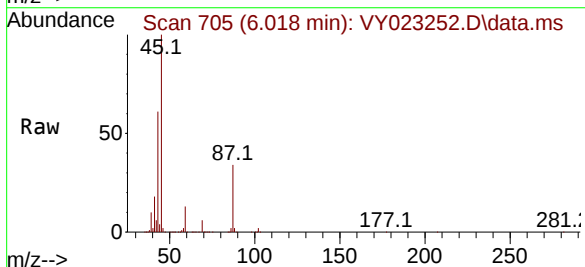
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

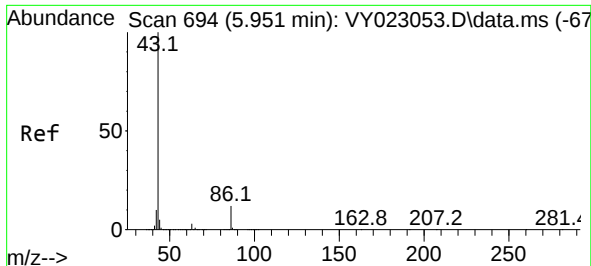
Tgt Ion: 96 Resp: 265550
Ion Ratio Lower Upper
96 100
61 125.1 104.8 157.2
98 65.6 50.1 75.1



#22
Diisopropyl ether
Concen: 47.563 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 45 Resp: 697514
Ion Ratio Lower Upper
45 100
43 60.5 43.4 65.0
87 34.2 24.4 36.6
59 12.9 10.2 15.4

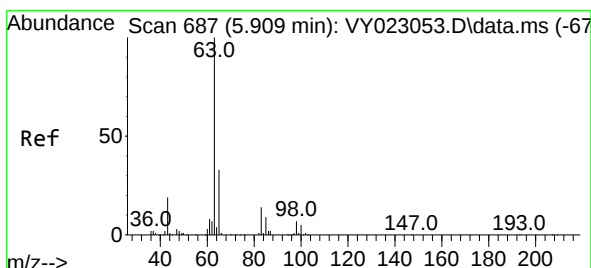
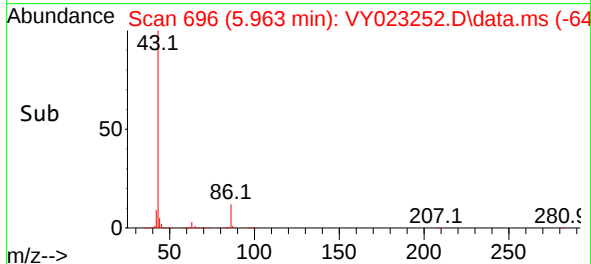
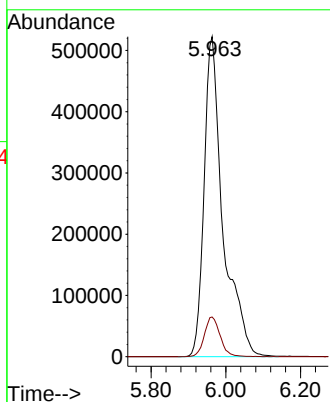
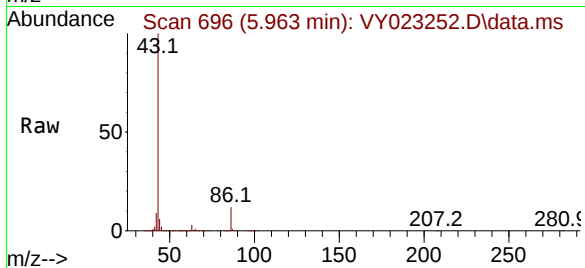




#23
 Vinyl Acetate
 Concen: 226.220 ug/l
 RT: 5.963 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

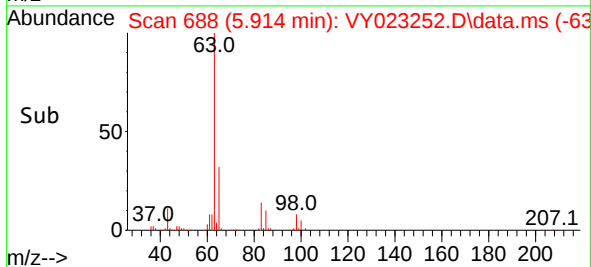
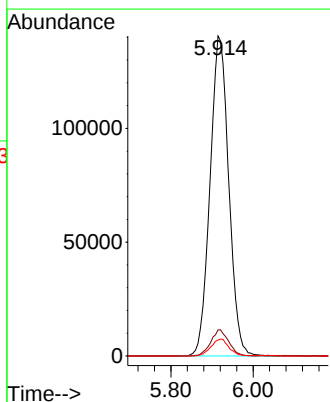
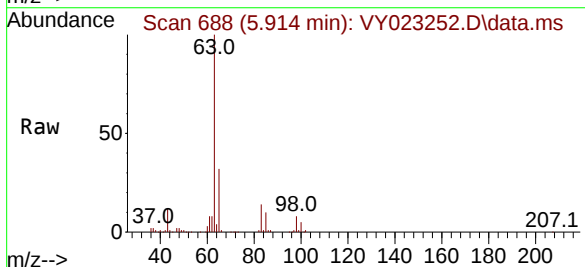
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1834426
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 49.613 ug/l
 RT: 5.914 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

Tgt Ion: 63 Resp: 444834
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 5.0 2.4 7.1

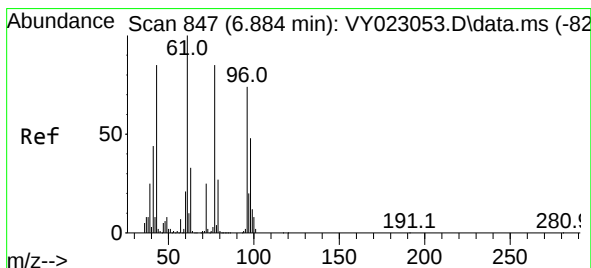
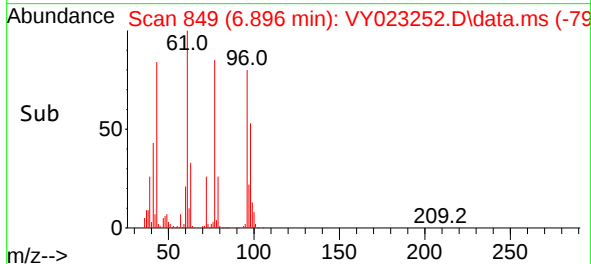
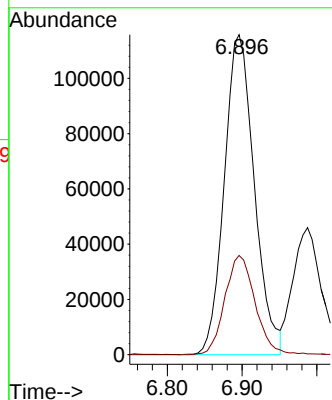
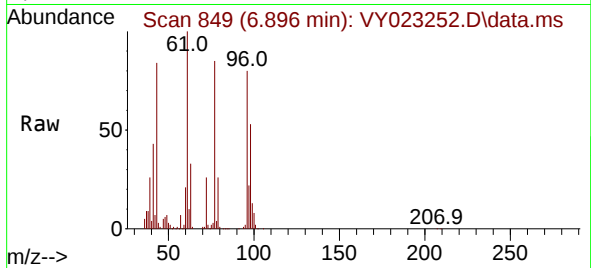




#25
2-Butanone
Concen: 242.343 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

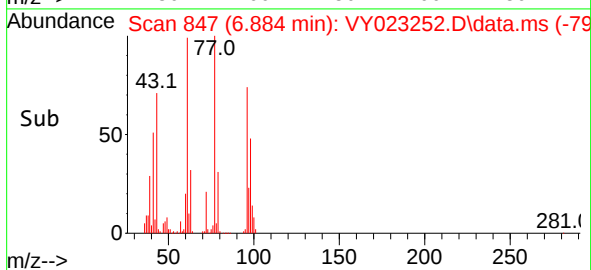
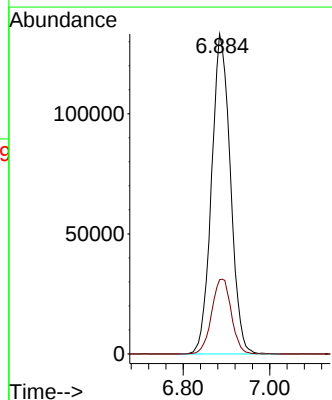
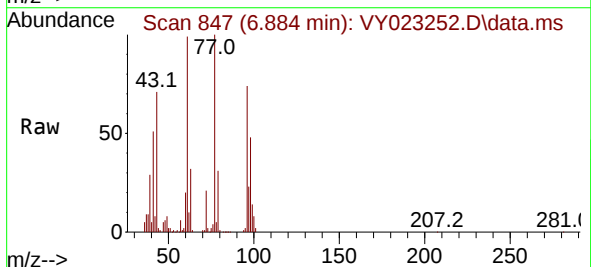
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 323907
Ion Ratio Lower Upper
43 100
72 31.0 23.5 35.3



#26
2,2-Dichloropropane
Concen: 52.139 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 77 Resp: 403381
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.742 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

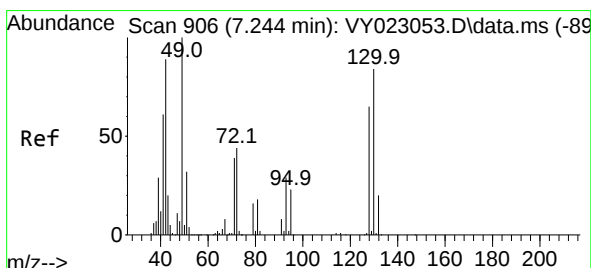
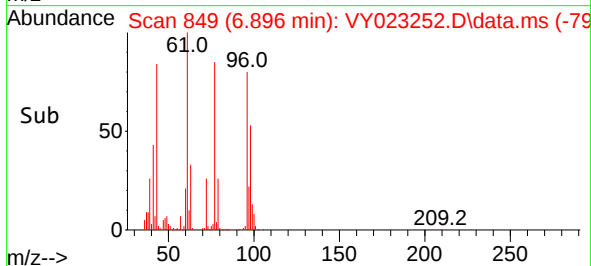
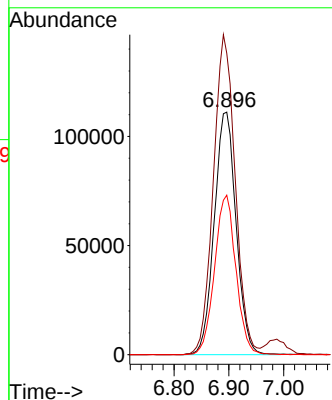
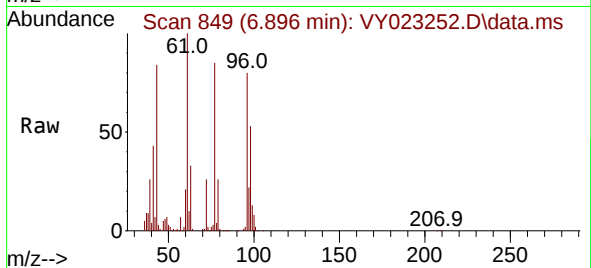
Tgt Ion: 96 Resp: 308315

Ion Ratio Lower Upper

96 100

61 131.8 0.0 278.6

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 47.273 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

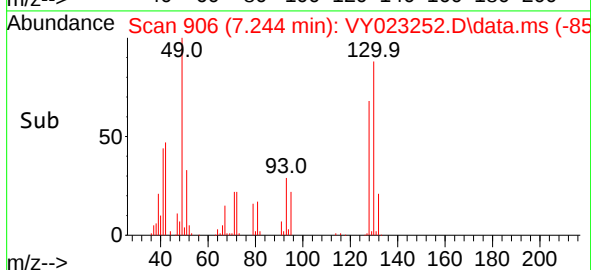
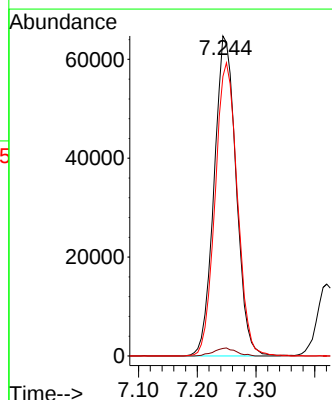
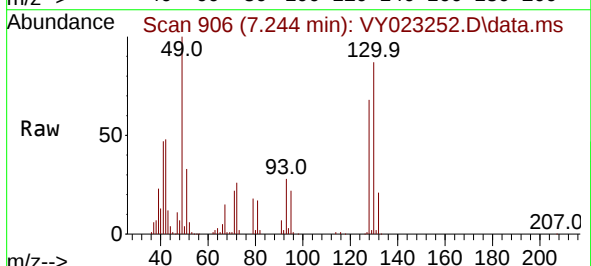
Tgt Ion: 49 Resp: 168158

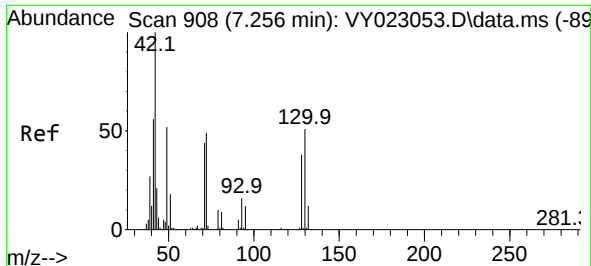
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 92.5 66.4 99.6





#29

Tetrahydrofuran

Concen: 218.564 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

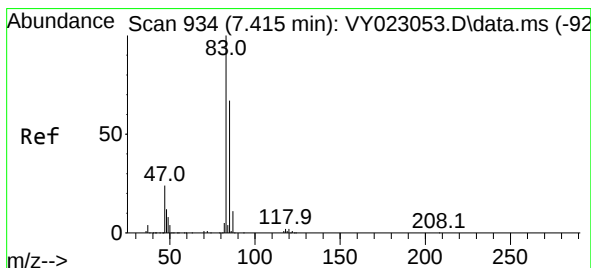
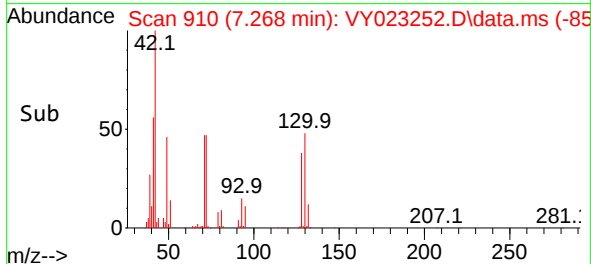
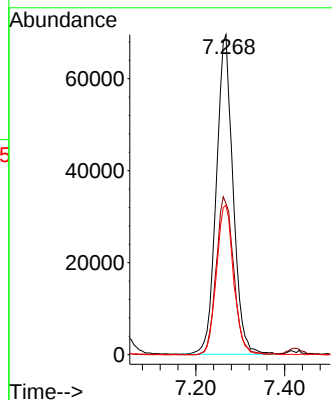
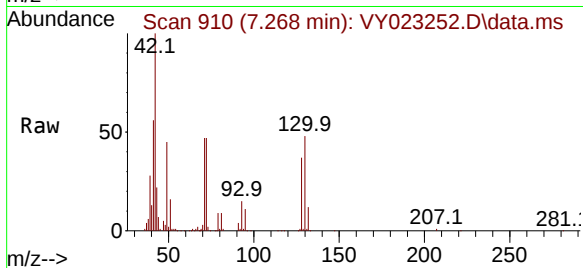
Tgt Ion: 42 Resp: 181076

Ion Ratio Lower Upper

42 100

72 51.7 39.4 59.2

71 48.3 36.5 54.7



#30

Chloroform

Concen: 51.990 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023252.D

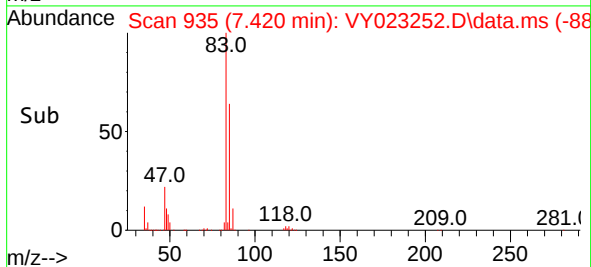
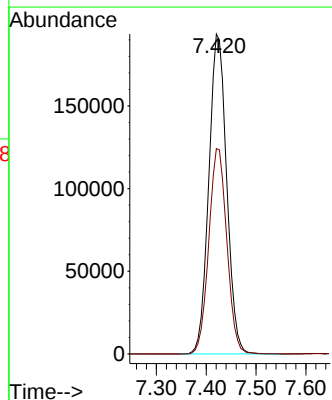
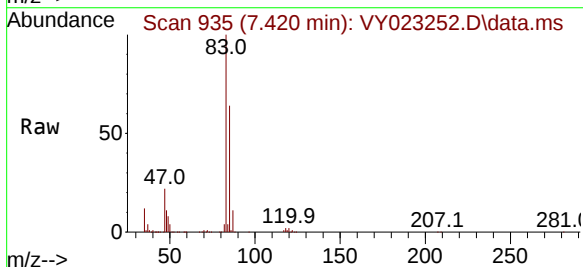
Acq: 02 Sep 2025 08:58

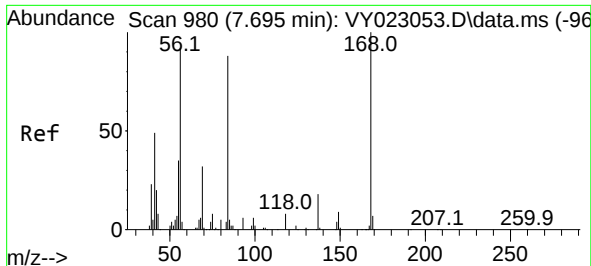
Tgt Ion: 83 Resp: 480751

Ion Ratio Lower Upper

83 100

85 64.2 53.8 80.8

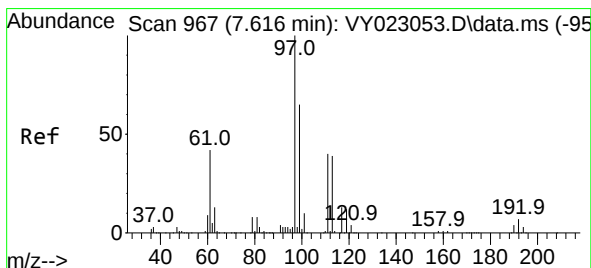
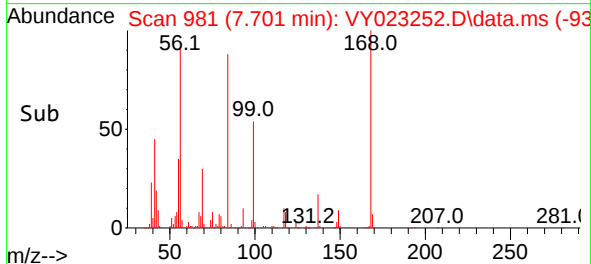
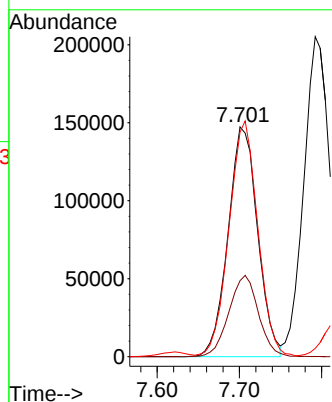
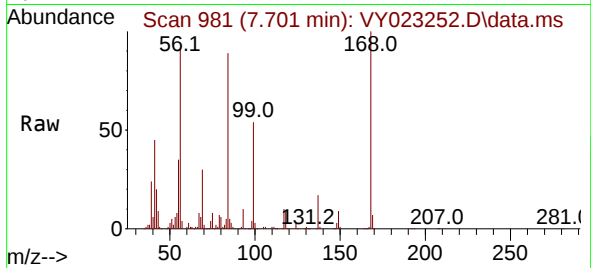




#31
Cyclohexane
Concen: 43.621 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

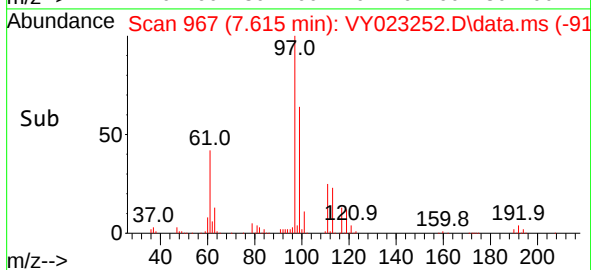
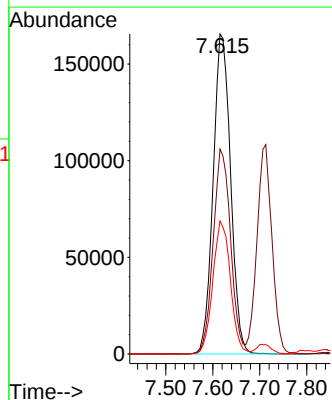
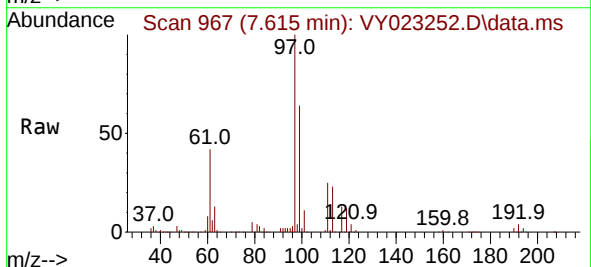
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 368559
Ion Ratio Lower Upper
56 100
69 33.1 28.2 42.2
84 95.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 52.051 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 97 Resp: 427070
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 41.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.832 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

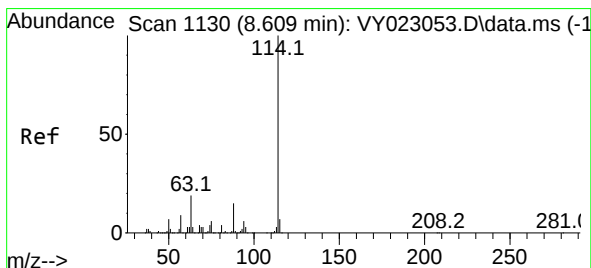
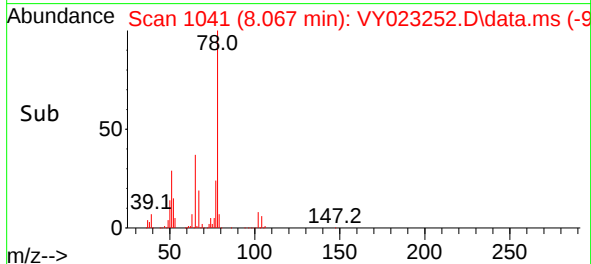
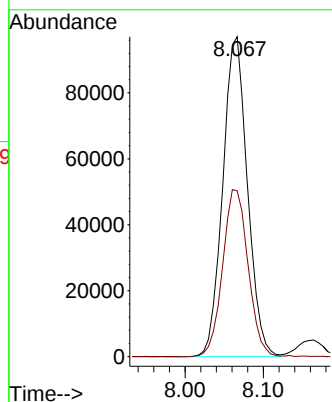
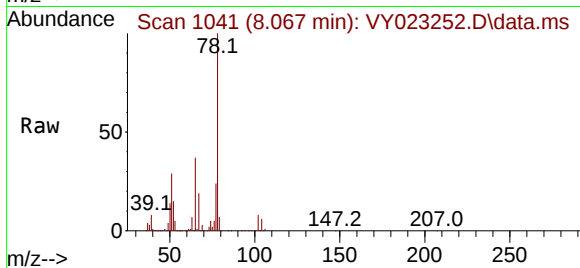
VSTDCCC050

Tgt Ion: 65 Resp: 212438

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

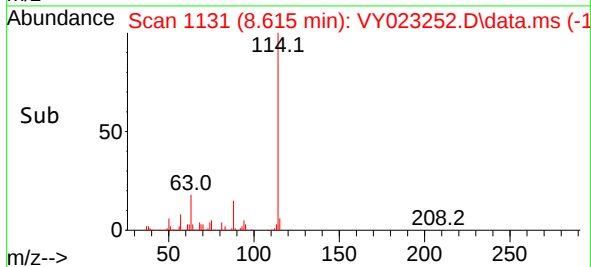
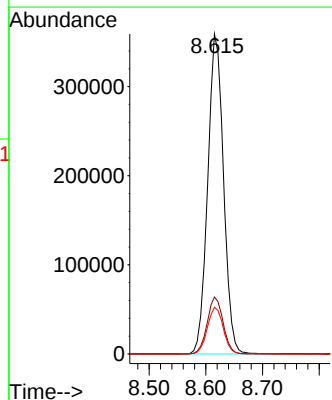
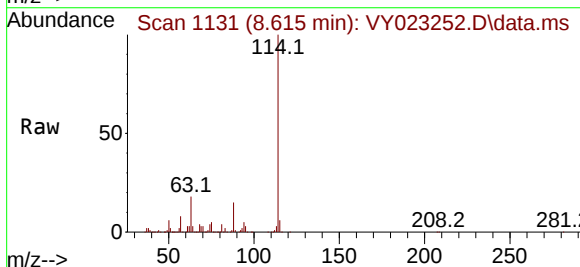
Tgt Ion: 114 Resp: 695623

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.854 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

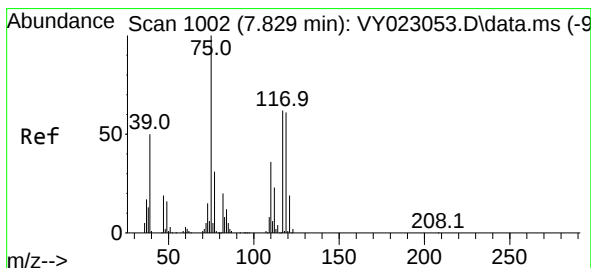
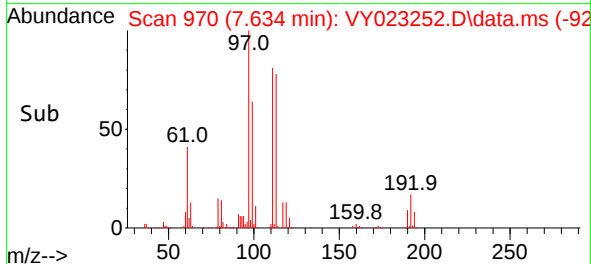
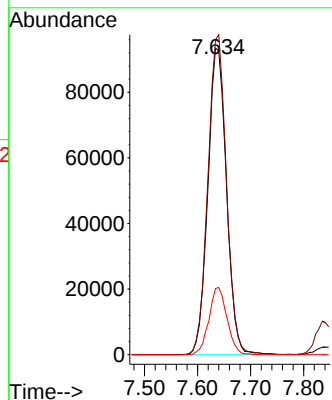
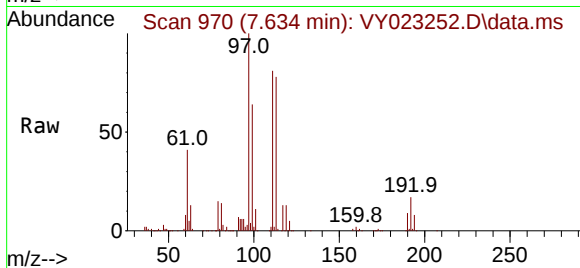
Tgt Ion:113 Resp: 228324

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

192 21.3 16.2 24.4



#36

1,1-Dichloropropene

Concen: 54.258 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

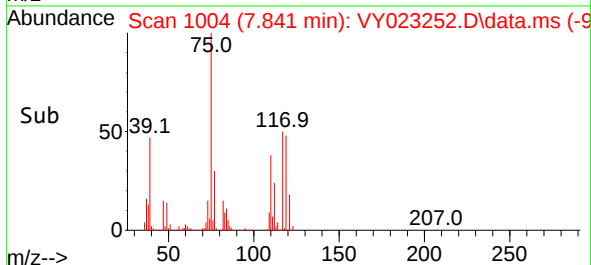
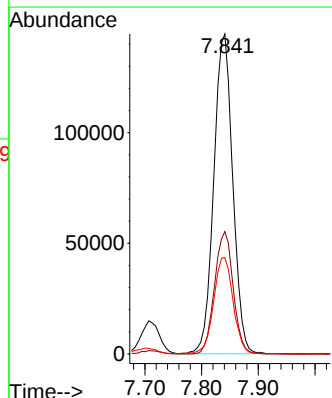
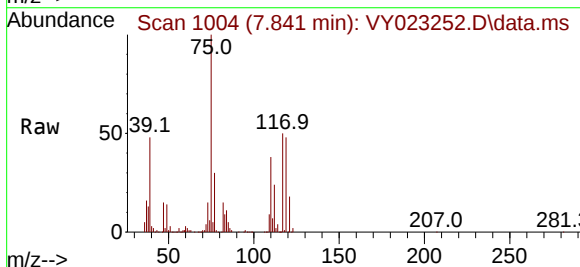
Tgt Ion: 75 Resp: 335635

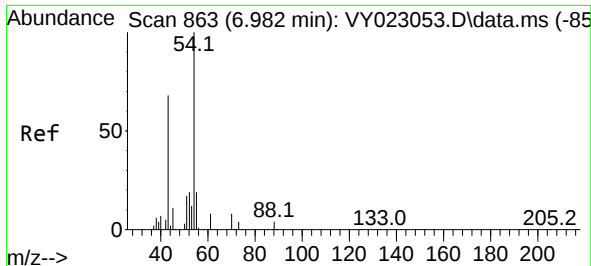
Ion Ratio Lower Upper

75 100

110 37.6 18.1 54.4

77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 47.755 ug/l

RT: 6.987 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

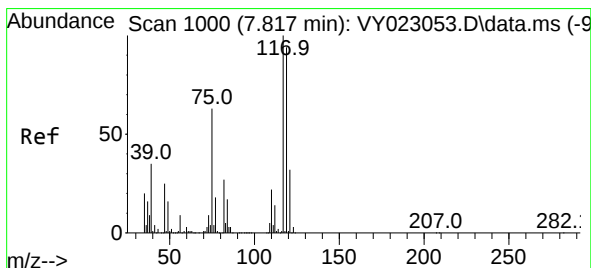
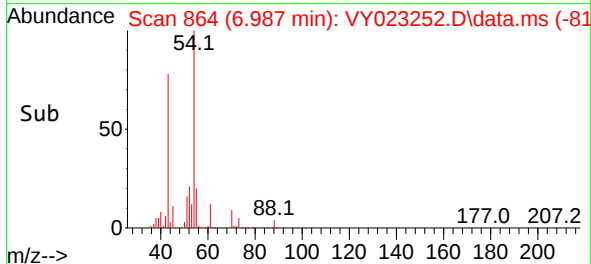
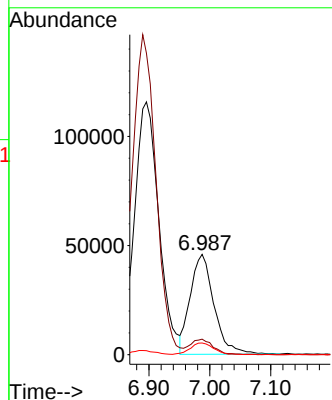
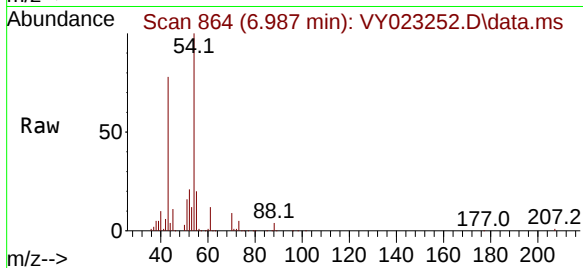
Tgt Ion: 43 Resp: 124091

Ion Ratio Lower Upper

43 100

61 14.4 11.9 17.9

70 11.4 8.8 13.2



#38

Carbon Tetrachloride

Concen: 57.140 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

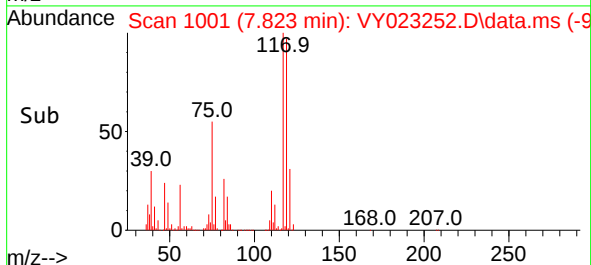
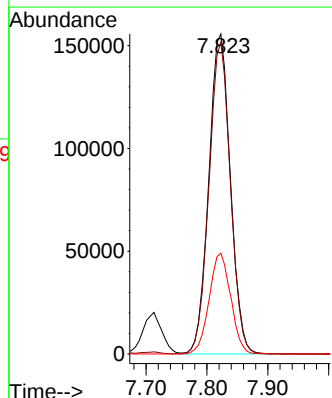
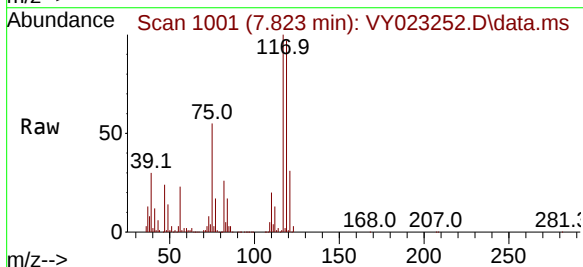
Tgt Ion: 117 Resp: 383909

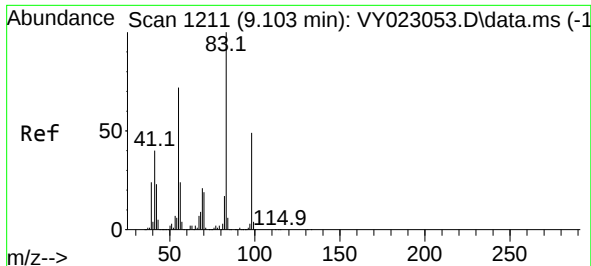
Ion Ratio Lower Upper

117 100

119 97.4 75.6 113.4

121 31.5 25.8 38.8





#39

Methylcyclohexane

Concen: 52.536 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

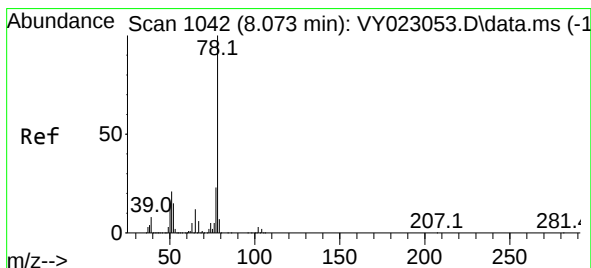
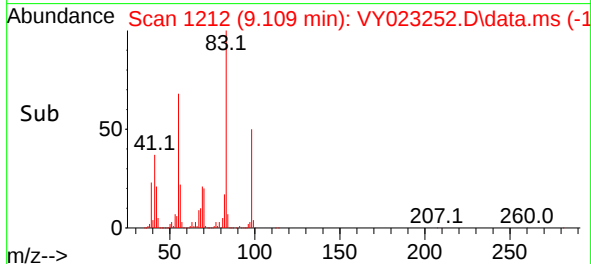
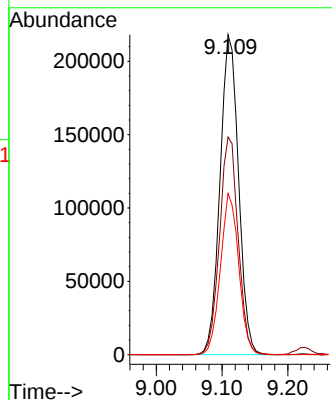
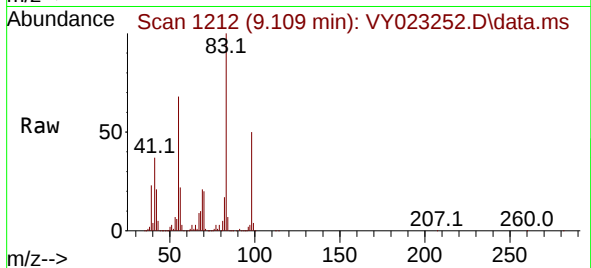
Tgt Ion: 83 Resp: 427955

Ion Ratio Lower Upper

83 100

55 68.0 57.6 86.4

98 50.4 39.2 58.8



#40

Benzene

Concen: 55.436 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023252.D

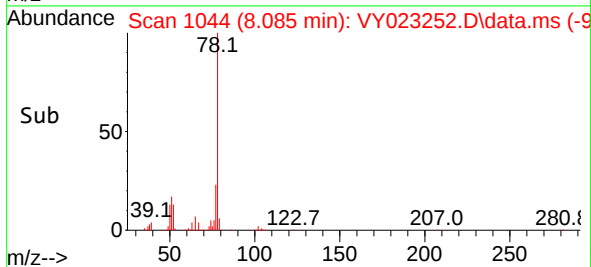
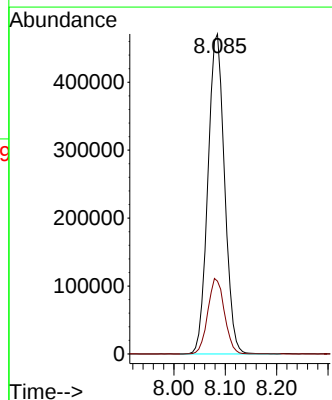
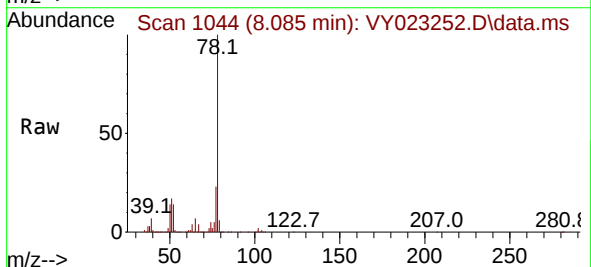
Acq: 02 Sep 2025 08:58

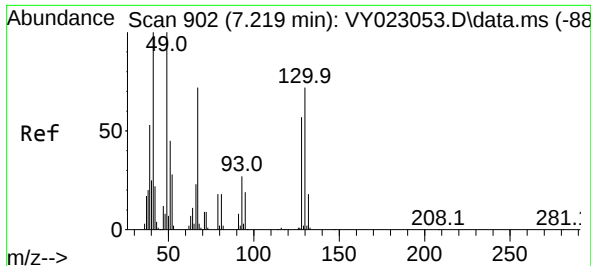
Tgt Ion: 78 Resp: 1056934

Ion Ratio Lower Upper

78 100

77 22.7 18.6 28.0



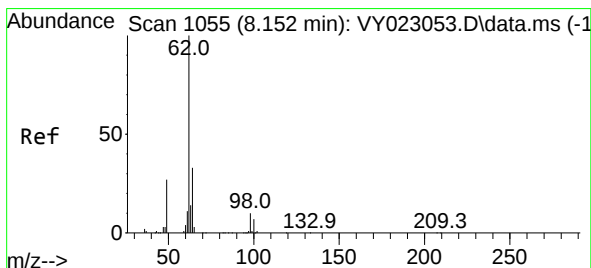
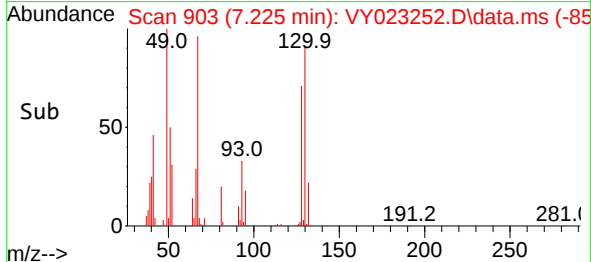
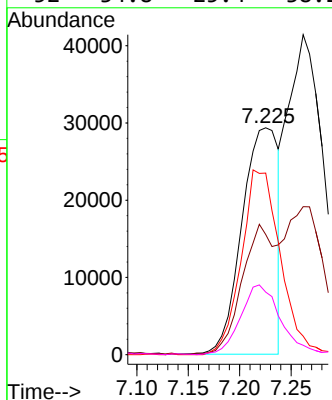
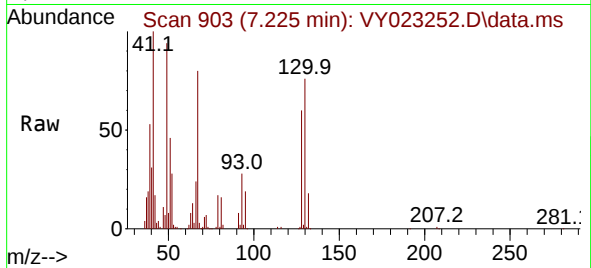


#41
Methacrylonitrile
Concen: 48.025 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 72021

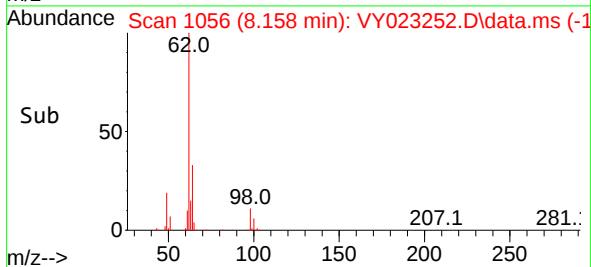
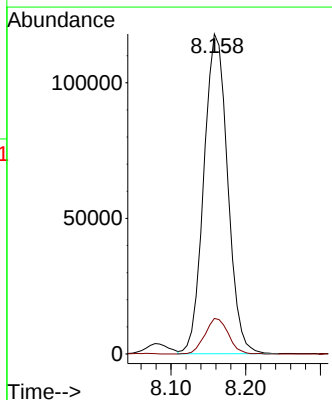
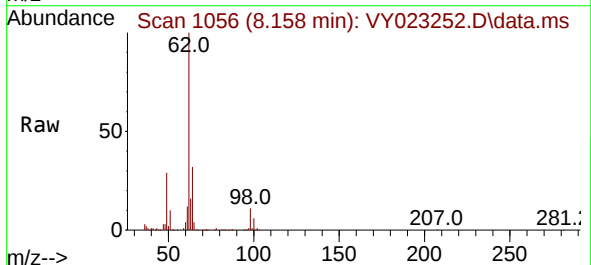
Ion	Ratio	Lower	Upper
41	100		
39	46.6	43.4	65.2
67	88.6	63.6	95.4
52	34.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 52.643 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 62 Resp: 261037

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6

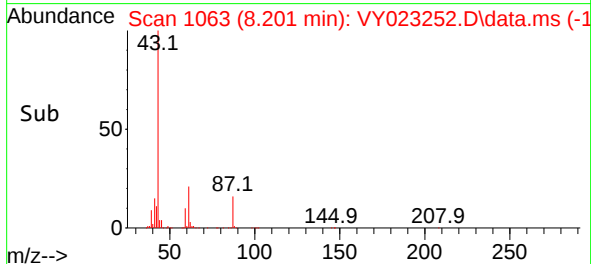
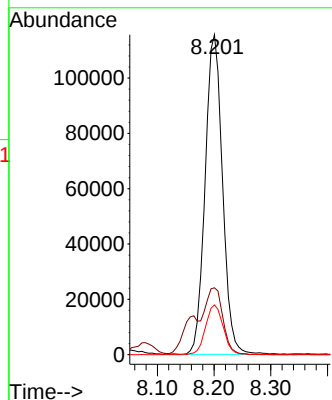
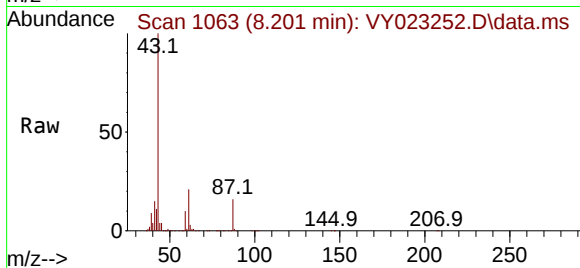




#43
Isopropyl Acetate
Concen: 46.913 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

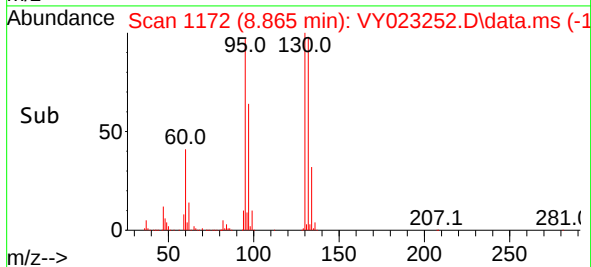
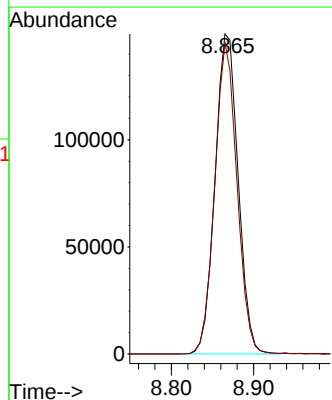
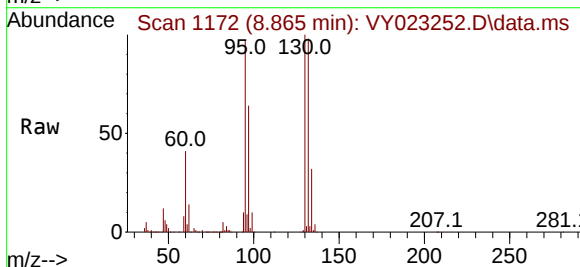
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 246391
Ion Ratio Lower Upper
43 100
61 22.7 16.4 24.6
87 15.9 11.8 17.6



#44
Trichloroethene
Concen: 59.142 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion:130 Resp: 291395
Ion Ratio Lower Upper
130 100
95 97.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 54.263 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

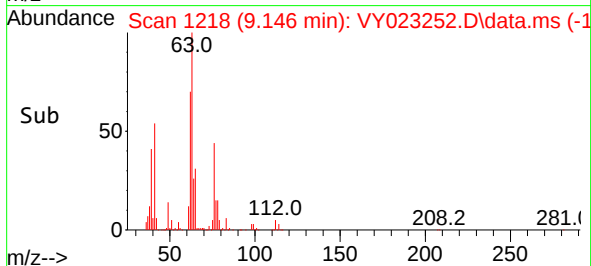
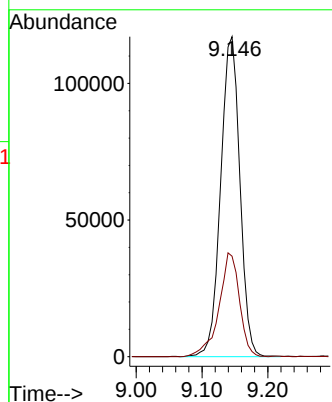
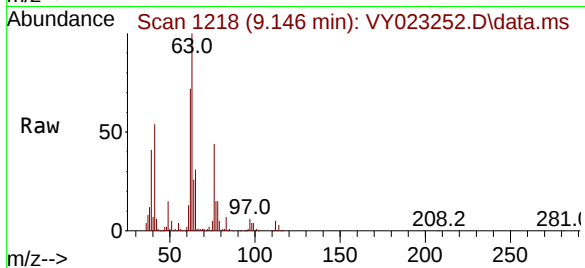
VSTDCCC050

Tgt Ion: 63 Resp: 238045

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 56.219 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

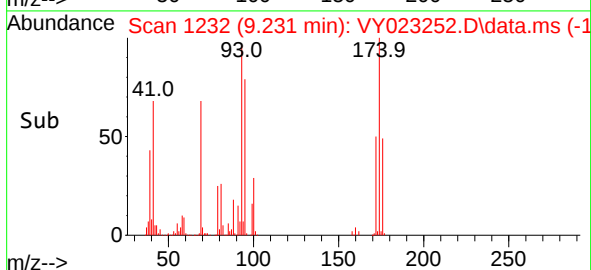
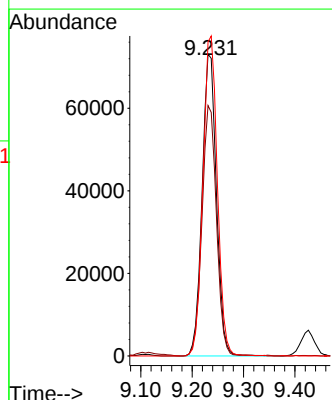
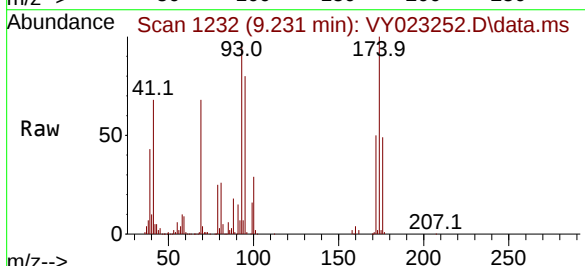
Tgt Ion: 93 Resp: 141555

Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

174 106.8 81.8 122.8





#47

Bromodichloromethane

Concen: 55.944 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

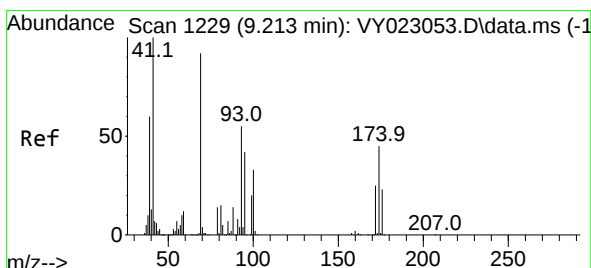
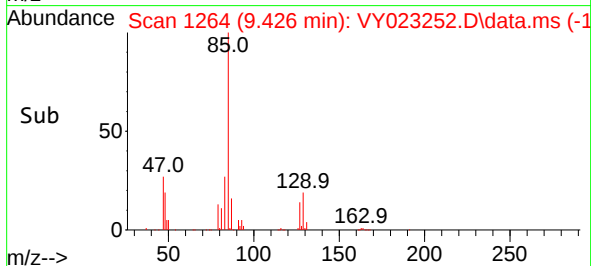
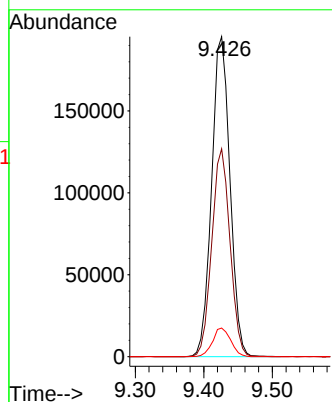
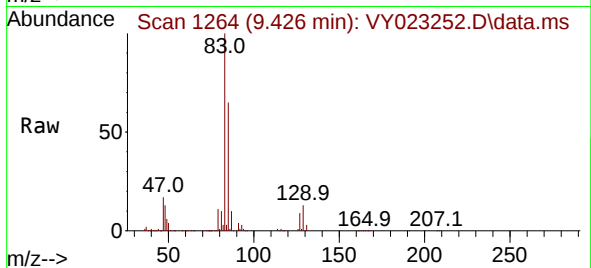
Tgt Ion: 83 Resp: 362455

Ion Ratio Lower Upper

83 100

85 65.0 50.2 75.4

127 9.0 6.6 10.0



#48

Methyl methacrylate

Concen: 46.547 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

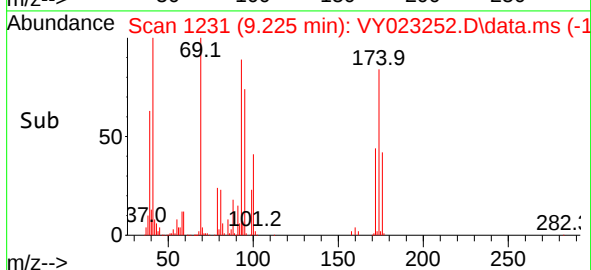
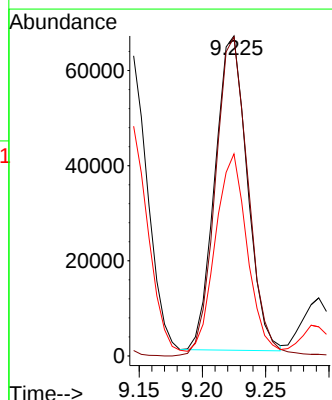
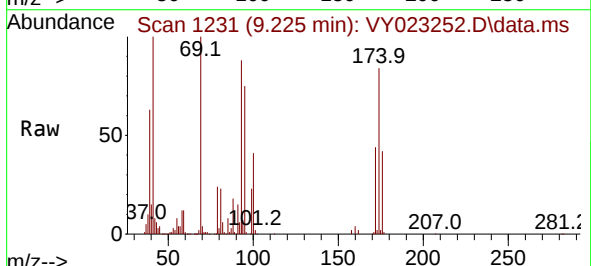
Tgt Ion: 41 Resp: 116983

Ion Ratio Lower Upper

41 100

69 103.3 73.2 109.8

39 61.6 47.0 70.4





#49

1,4-Dioxane

Concen: 1061.974 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

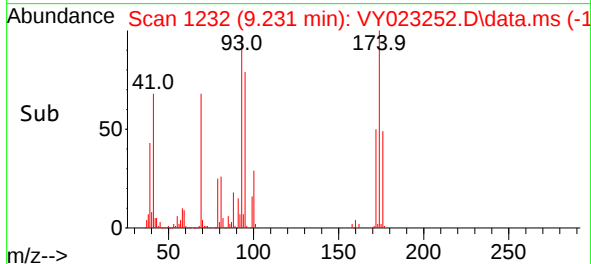
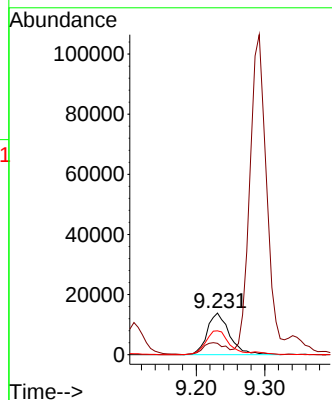
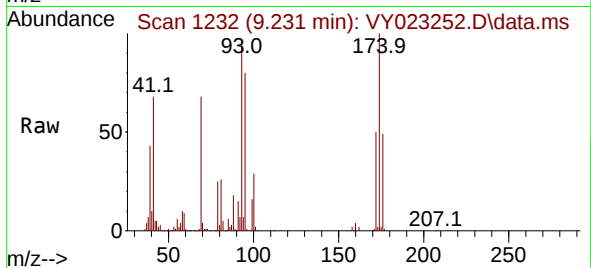
Tgt Ion: 88 Resp: 31353

Ion Ratio Lower Upper

88 100

43 28.5 24.3 36.5

58 58.8 55.4 83.0



#50

Toluene-d8

Concen: 54.466 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023252.D

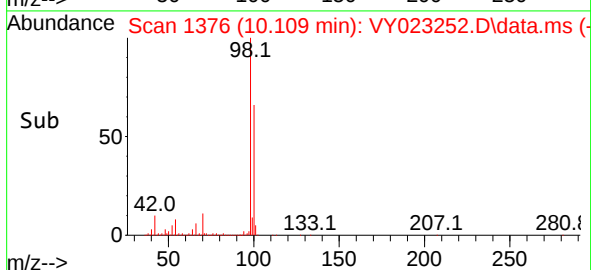
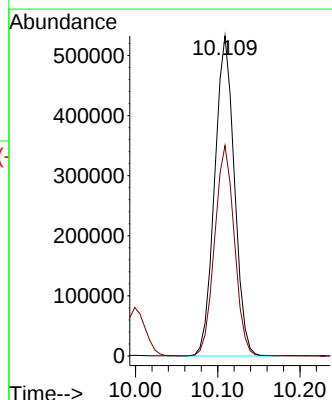
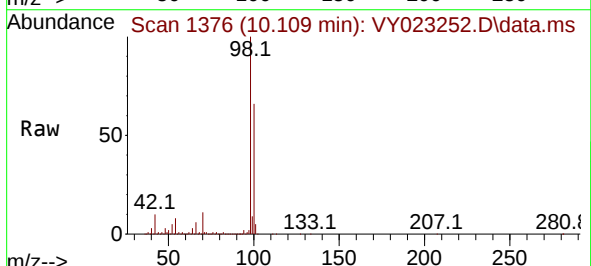
Acq: 02 Sep 2025 08:58

Tgt Ion: 98 Resp: 885660

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 246.566 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

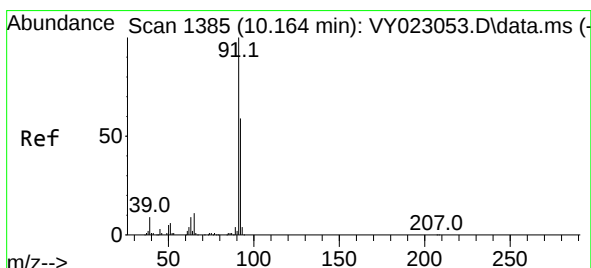
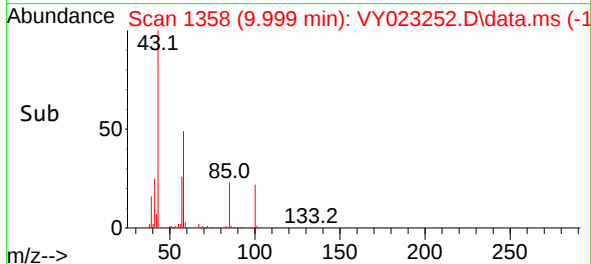
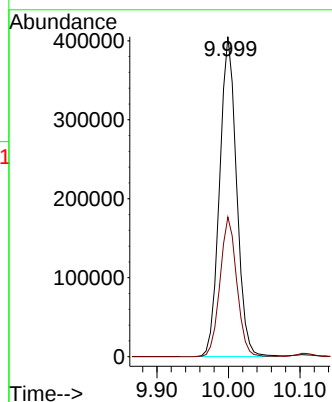
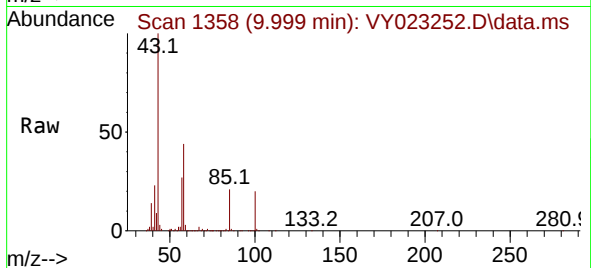
VSTDCCC050

Tgt Ion: 43 Resp: 667982

Ion Ratio Lower Upper

43 100

58 43.2 33.5 50.3



#52

Toluene

Concen: 56.940 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023252.D

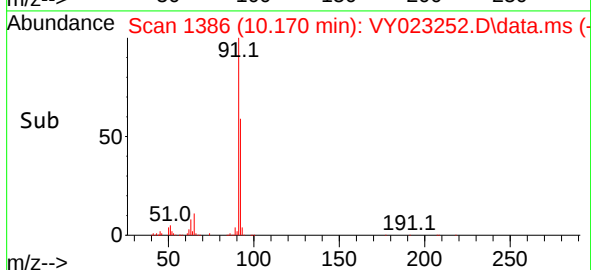
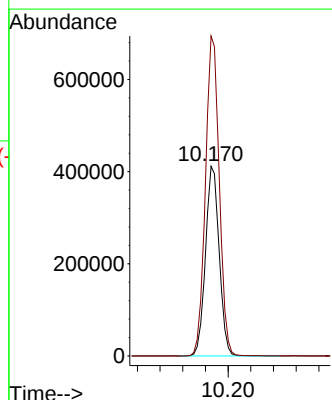
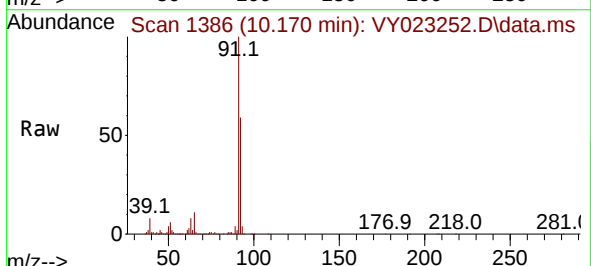
Acq: 02 Sep 2025 08:58

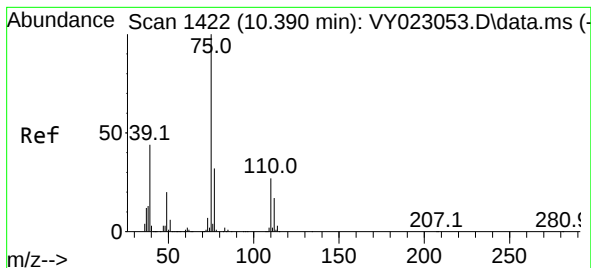
Tgt Ion: 92 Resp: 689495

Ion Ratio Lower Upper

92 100

91 170.4 136.4 204.6

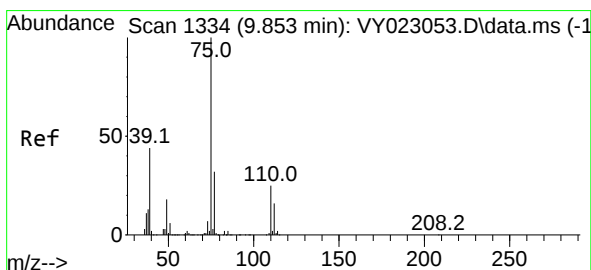
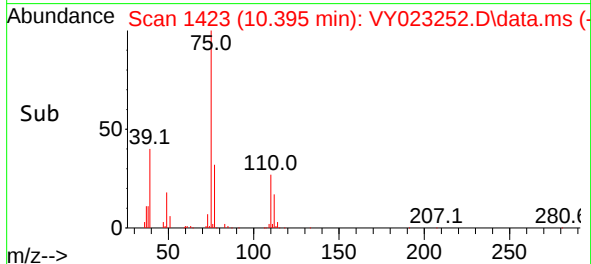
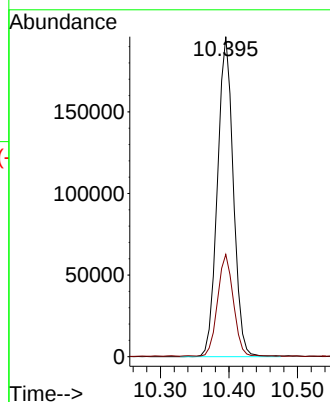
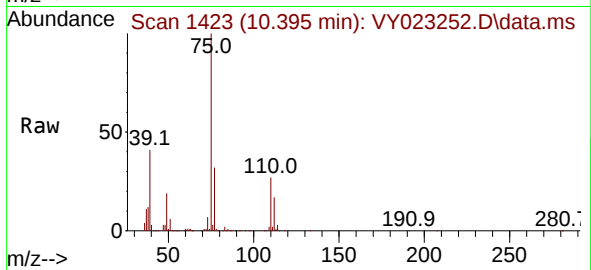




#53
 t-1,3-Dichloropropene
 Concen: 53.650 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

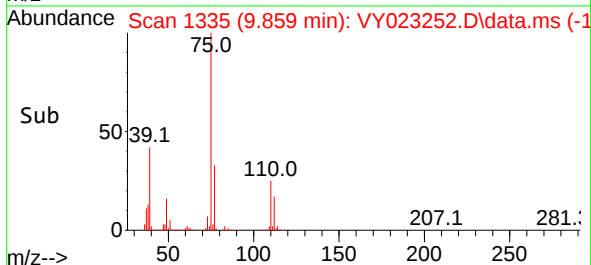
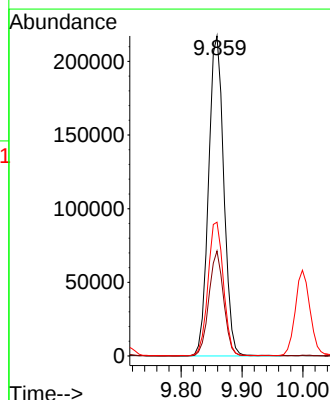
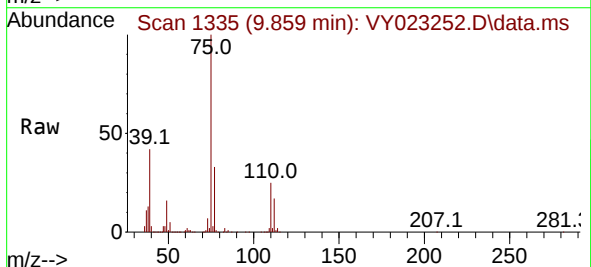
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

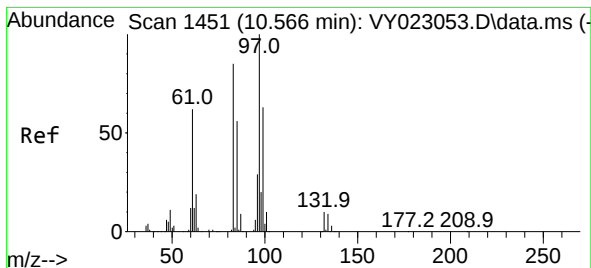
Tgt Ion: 75 Resp: 314764
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.315 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

Tgt Ion: 75 Resp: 376814
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 41.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 56.274 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 189601

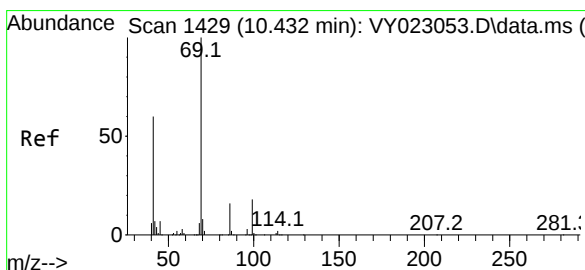
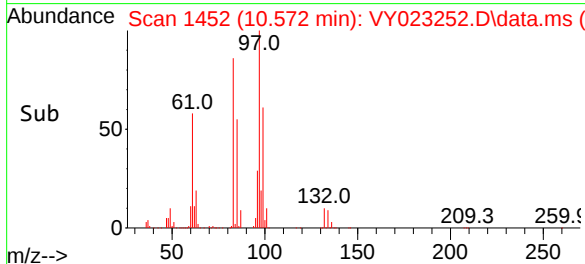
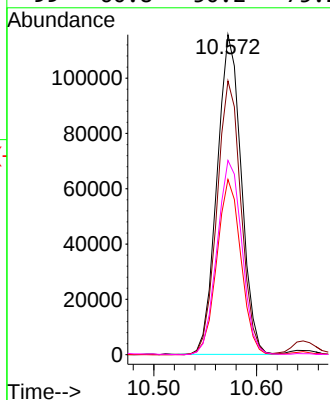
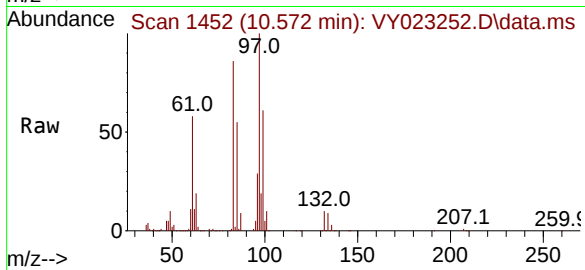
Ion Ratio Lower Upper

97 100

83 85.5 67.7 101.5

85 54.8 44.5 66.7

99 60.8 50.2 75.2



#56

Ethyl methacrylate

Concen: 50.903 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

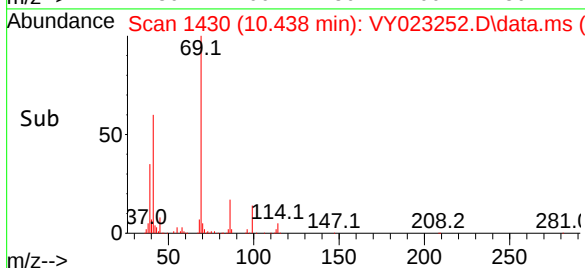
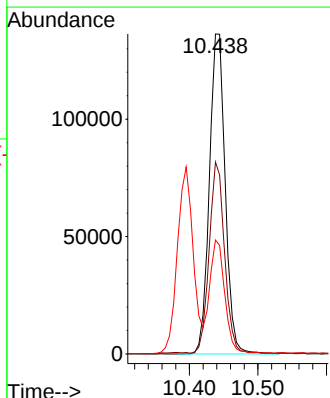
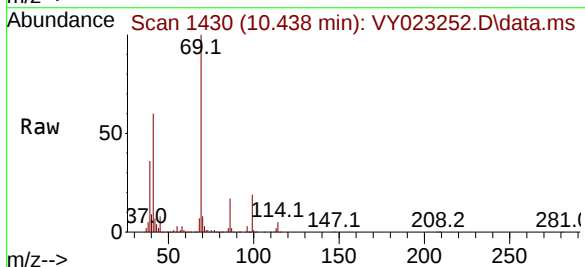
Tgt Ion: 69 Resp: 219455

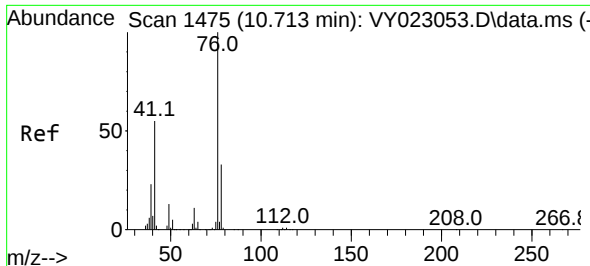
Ion Ratio Lower Upper

69 100

41 58.1 48.6 72.8

39 33.3 27.0 40.4





#57

1,3-Dichloropropane

Concen: 53.681 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

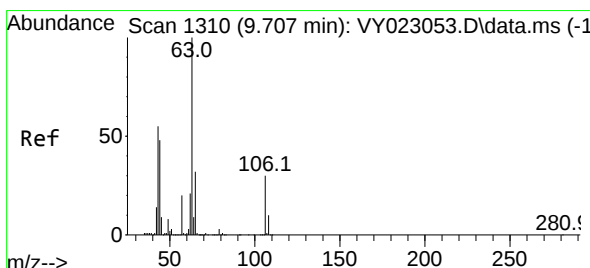
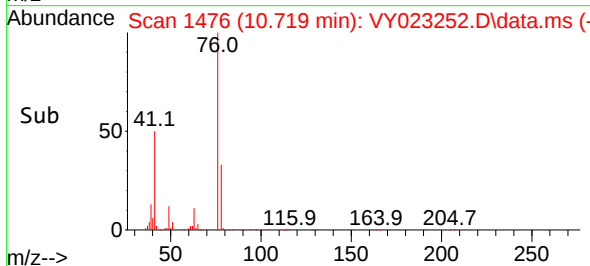
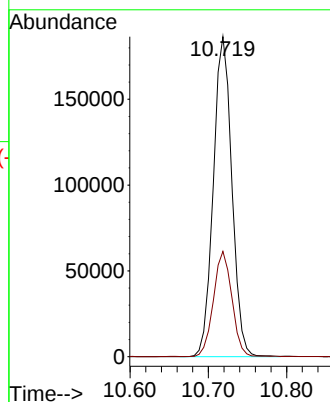
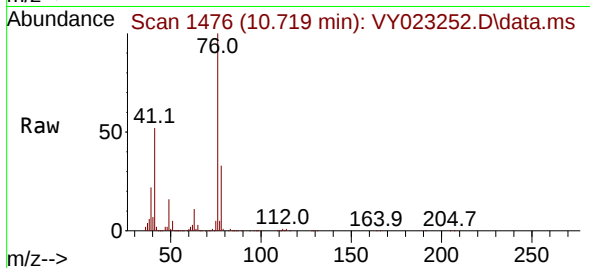
VSTDCCC050

Tgt Ion: 76 Resp: 306731

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 244.384 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023252.D

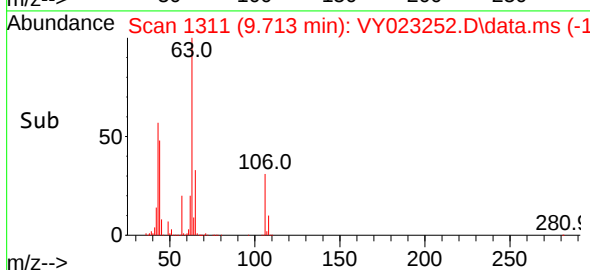
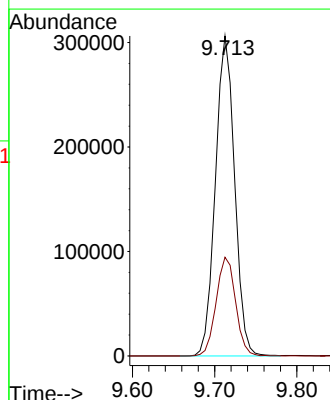
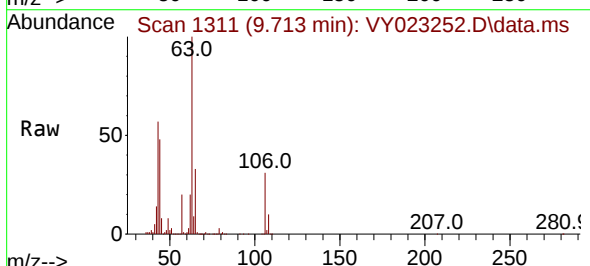
Acq: 02 Sep 2025 08:58

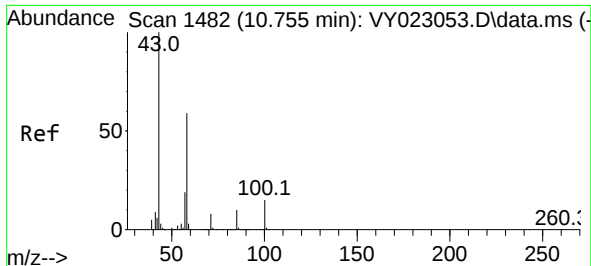
Tgt Ion: 63 Resp: 496984

Ion Ratio Lower Upper

63 100

106 31.3 23.2 34.8

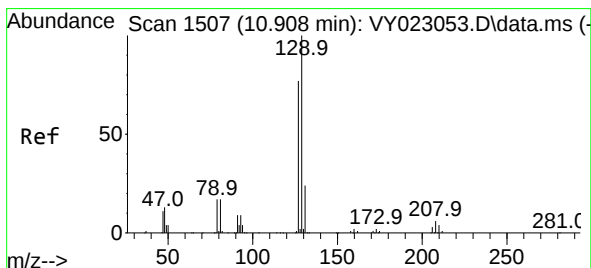
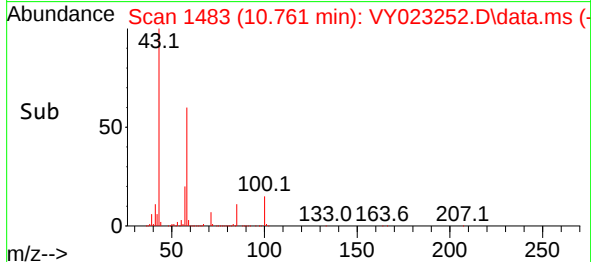
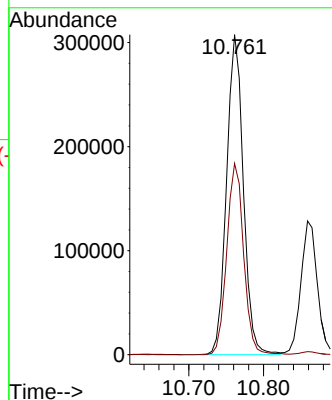
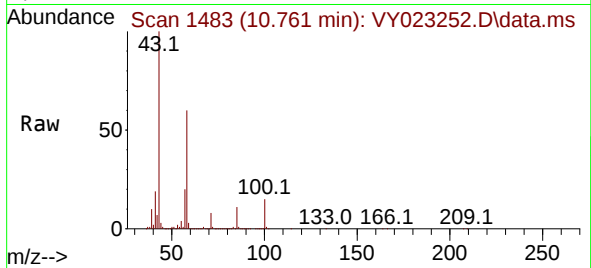




#59
2-Hexanone
Concen: 259.655 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

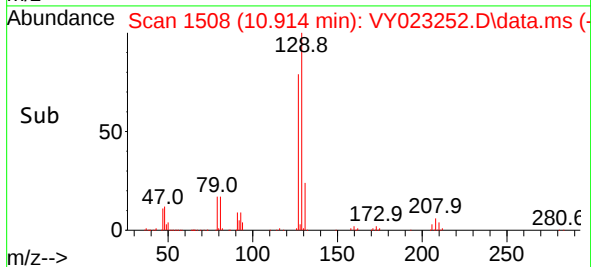
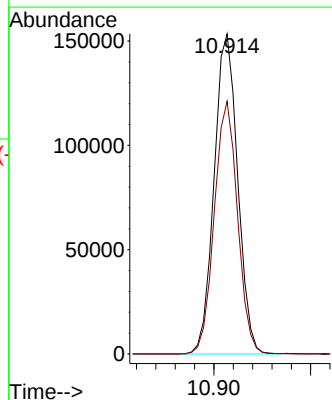
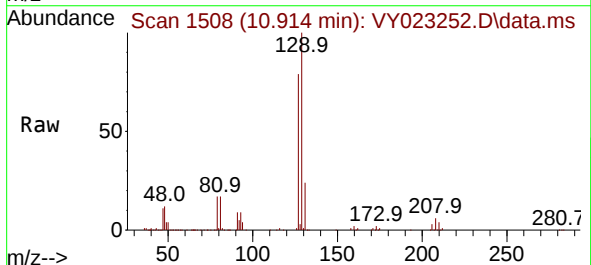
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

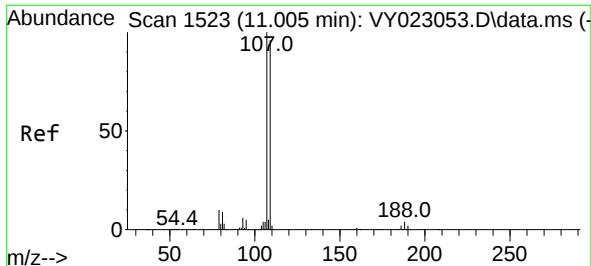
Tgt Ion: 43 Resp: 478996
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5



#60
Dibromochloromethane
Concen: 58.260 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 129 Resp: 259007
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

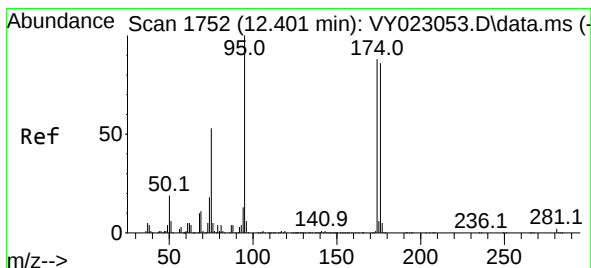
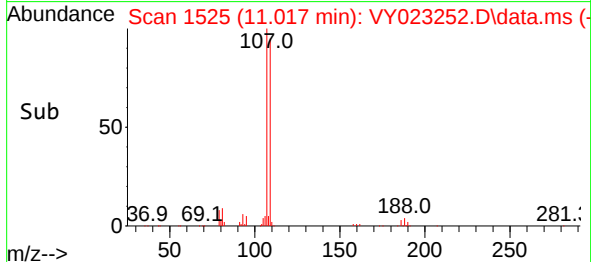
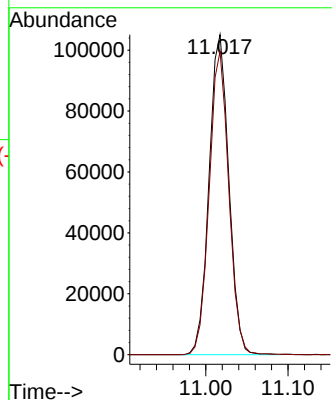
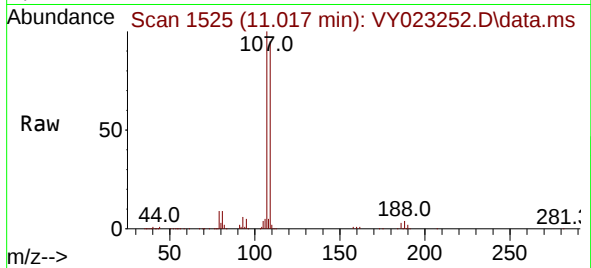




#61
1,2-Dibromoethane
Concen: 55.524 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

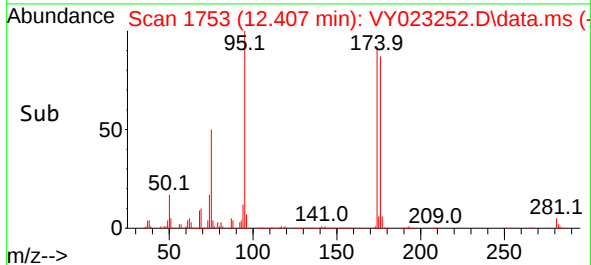
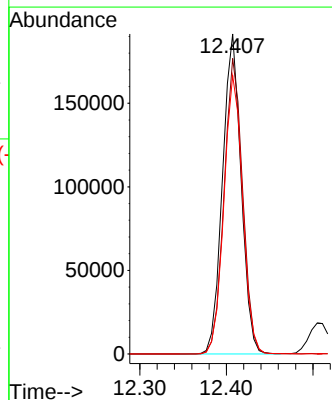
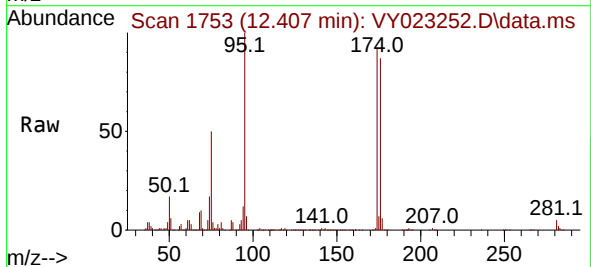
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

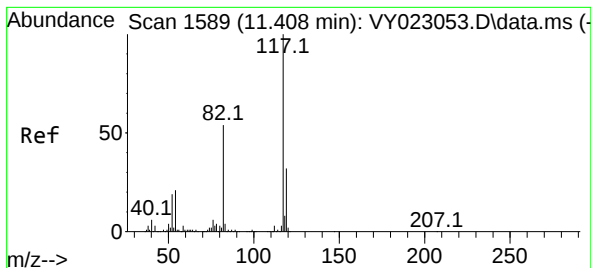
Tgt Ion:107 Resp: 175829
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.376 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 95 Resp: 284353
Ion Ratio Lower Upper
95 100
174 92.8 0.0 171.6
176 88.3 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: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

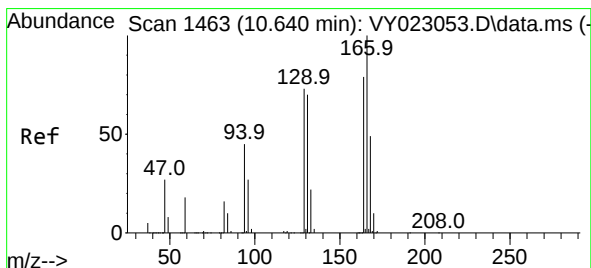
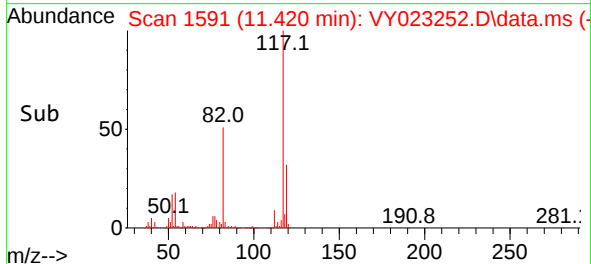
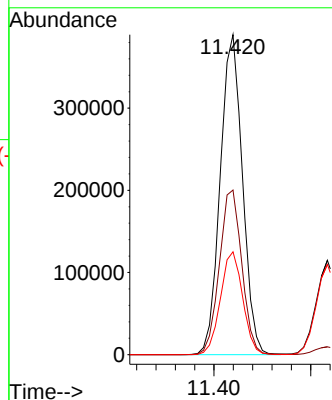
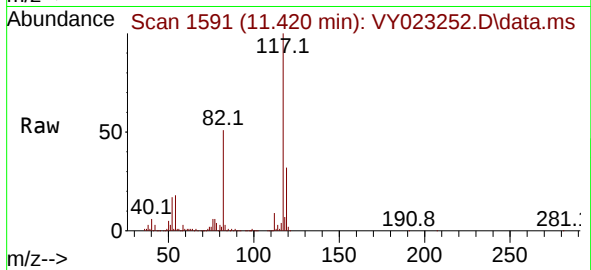
Tgt Ion:117 Resp: 620932

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 65.501 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Tgt Ion:164 Resp: 363173

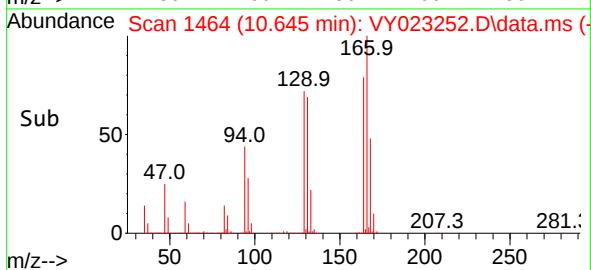
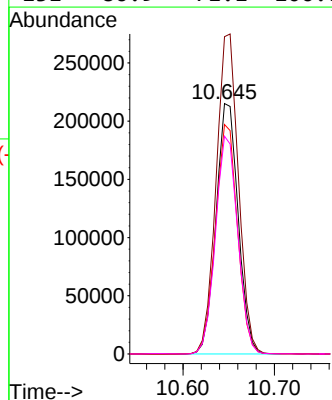
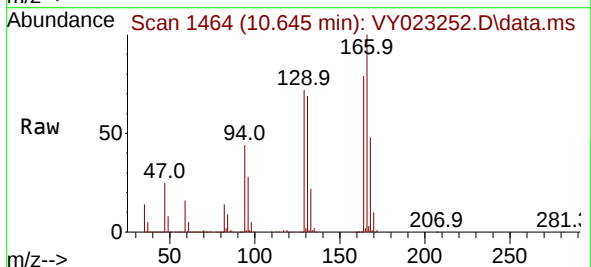
Ion Ratio Lower Upper

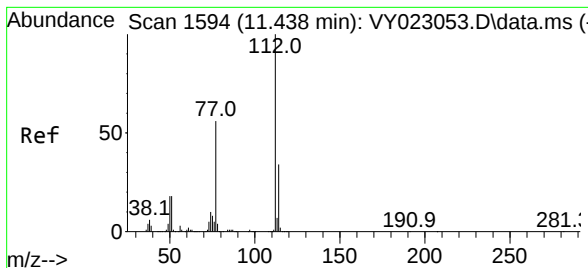
164 100

166 126.7 101.1 151.7

129 91.6 74.0 111.0

131 86.9 71.1 106.7

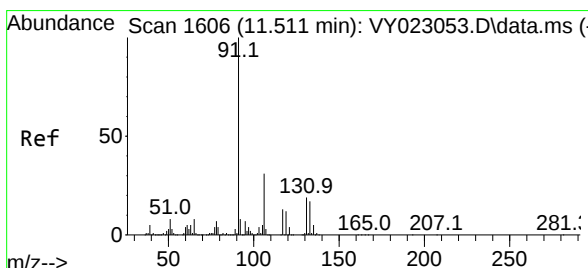
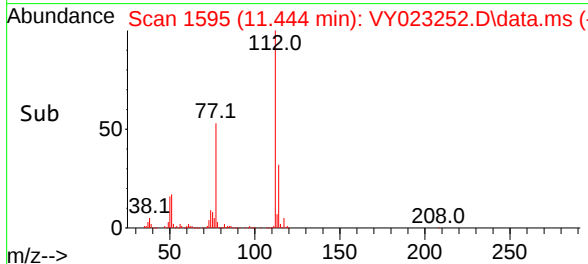
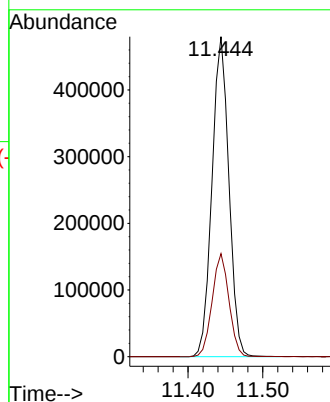
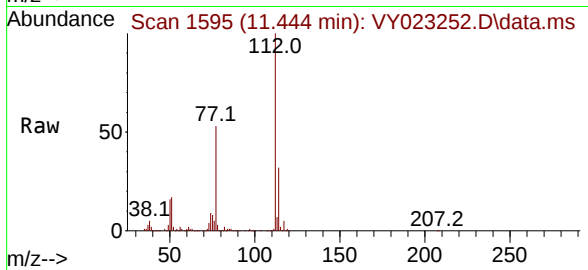




#65
Chlorobenzene
Concen: 56.238 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

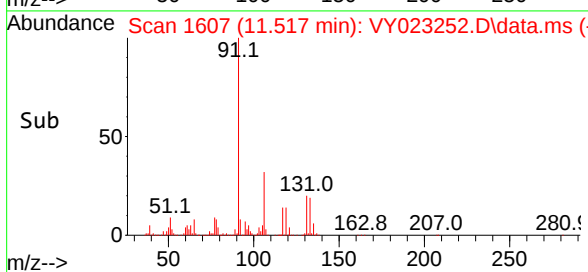
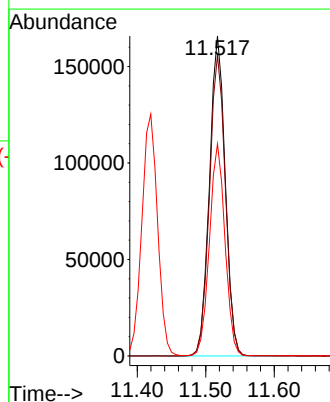
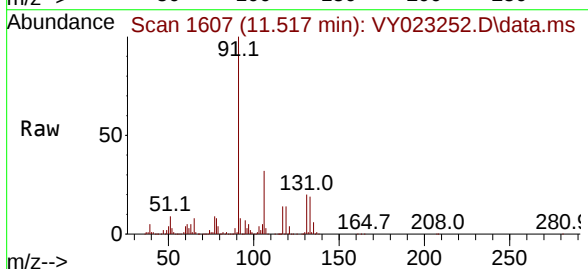
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

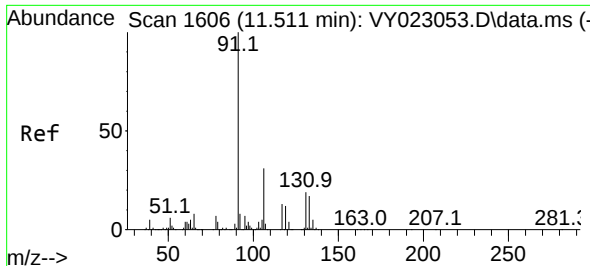
Tgt Ion:112 Resp: 753226
Ion Ratio Lower Upper
112 100
114 32.2 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 58.333 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion:131 Resp: 265158
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.6
119 65.3 33.2 99.6





#67

Ethyl Benzene

Concen: 55.597 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

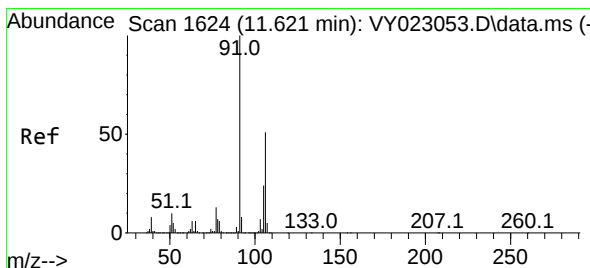
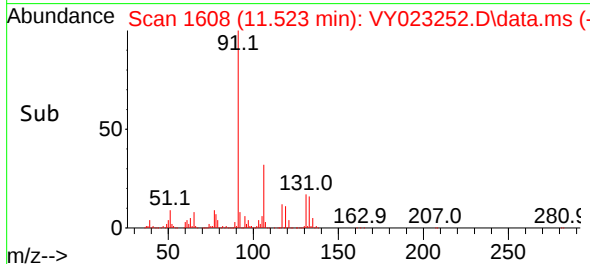
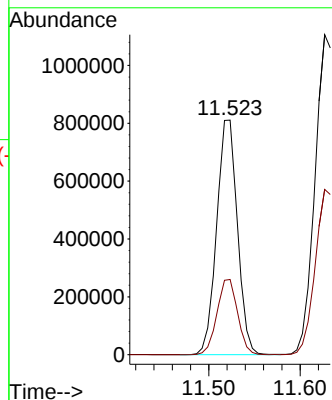
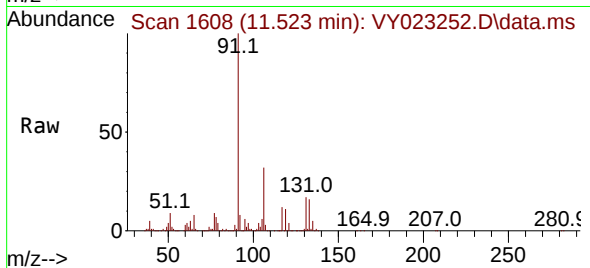
VSTDCCC050

Tgt Ion: 91 Resp: 1281461

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.4



#68

m/p-Xylenes

Concen: 113.655 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023252.D

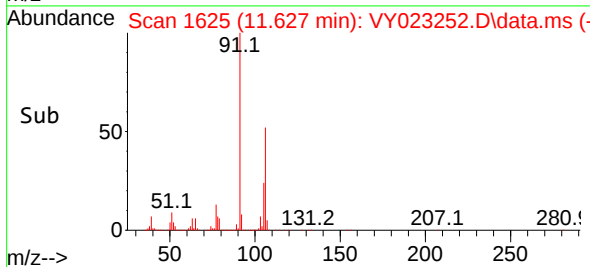
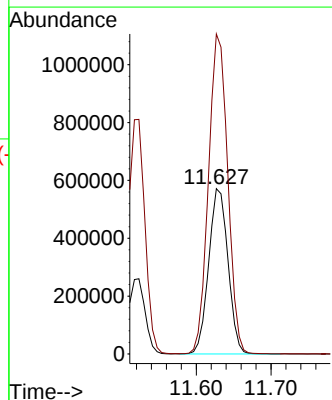
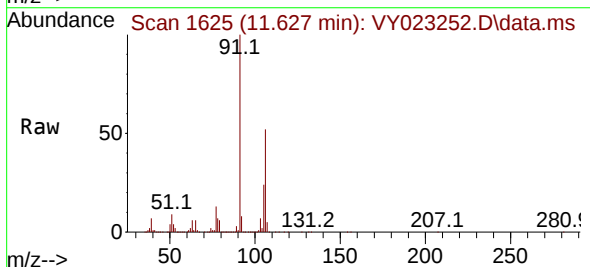
Acq: 02 Sep 2025 08:58

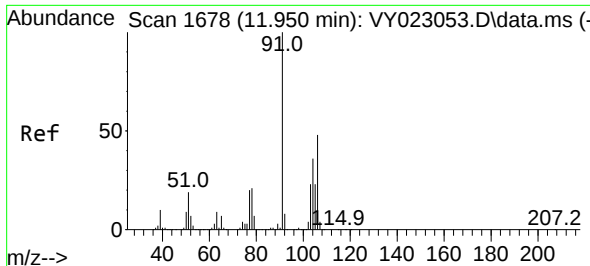
Tgt Ion:106 Resp: 1023135

Ion Ratio Lower Upper

106 100

91 193.6 158.6 238.0

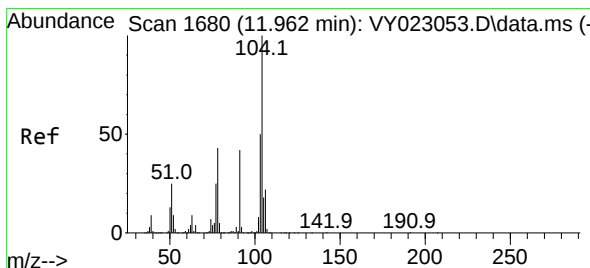
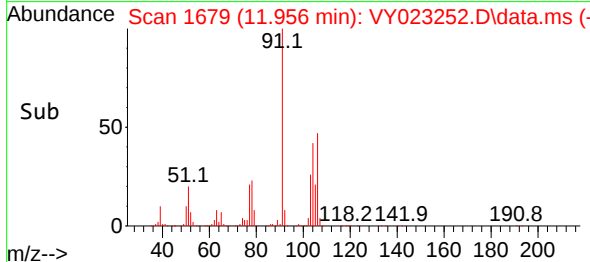
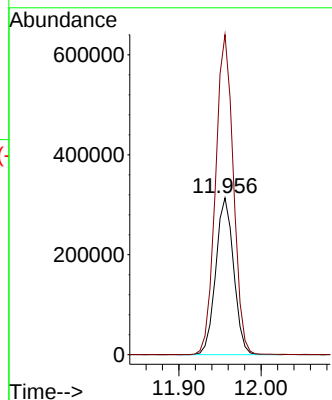
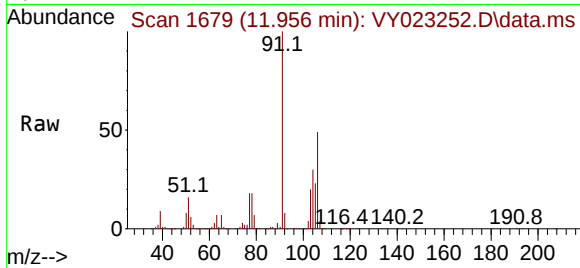




#69
o-Xylene
Concen: 56.292 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

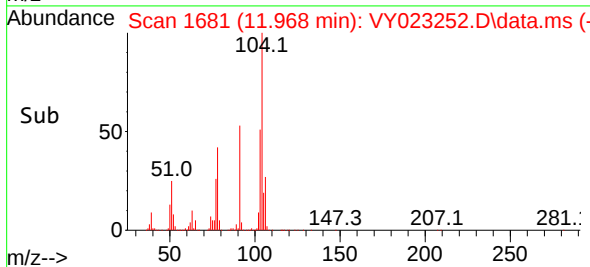
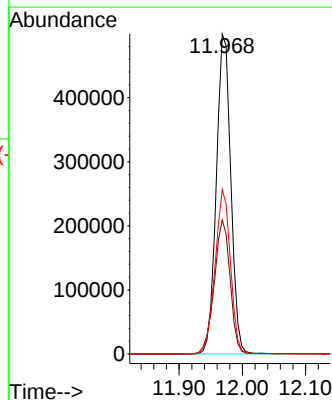
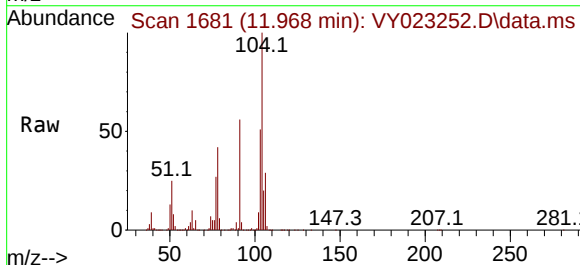
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

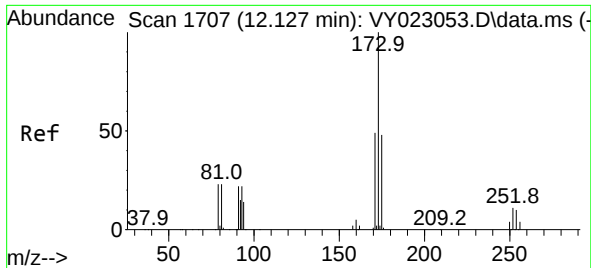
Tgt Ion:106 Resp: 474612
Ion Ratio Lower Upper
106 100
91 203.5 103.2 309.4



#70
Styrene
Concen: 57.677 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion:104 Resp: 795267
Ion Ratio Lower Upper
104 100
78 45.7 38.5 57.7
103 54.6 43.7 65.5

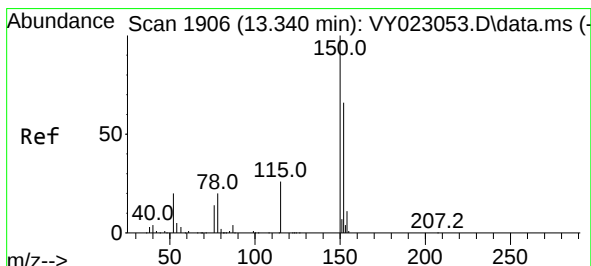
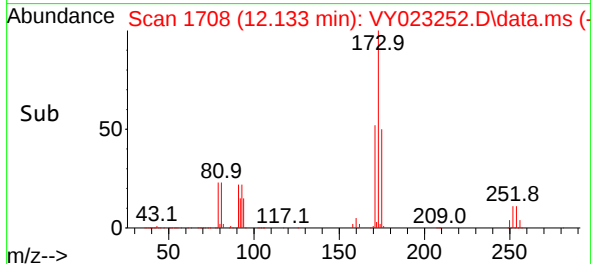
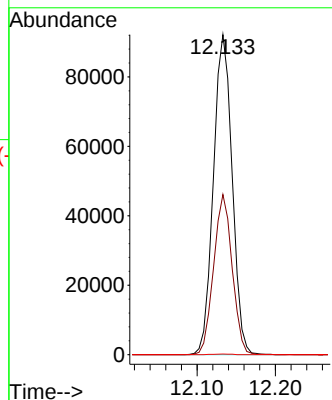
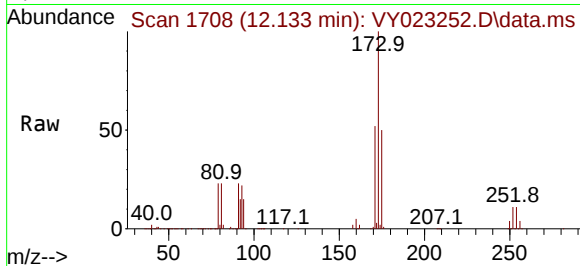




#71
Bromoform
Concen: 57.712 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

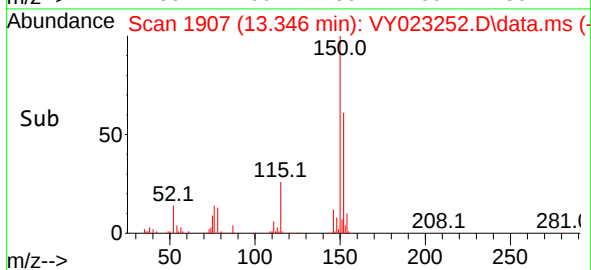
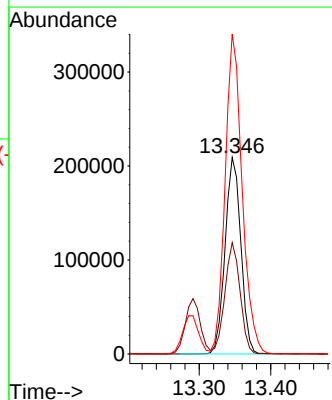
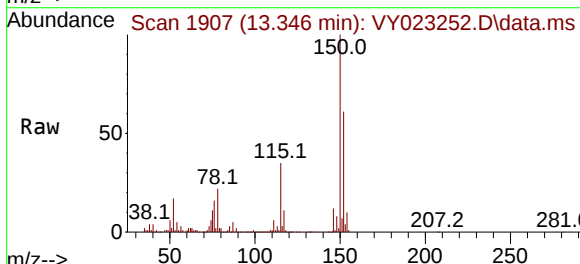
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

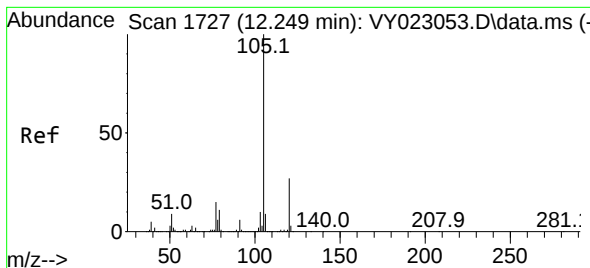
Tgt Ion:173 Resp: 153324
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion:152 Resp: 319834
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.6
150 175.5 0.0 348.0





#73

Isopropylbenzene

Concen: 54.612 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

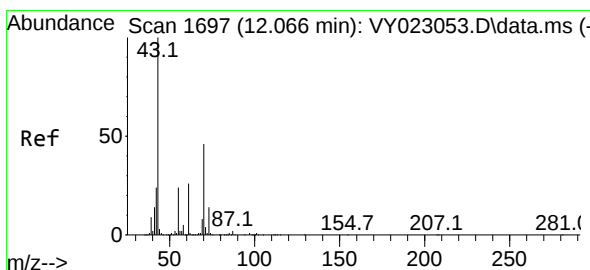
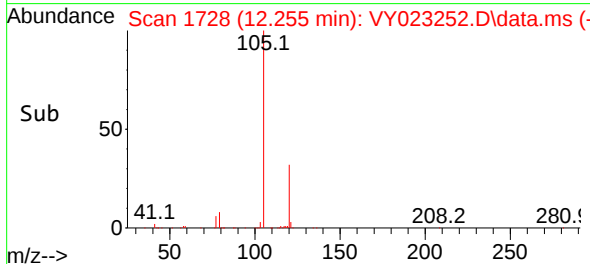
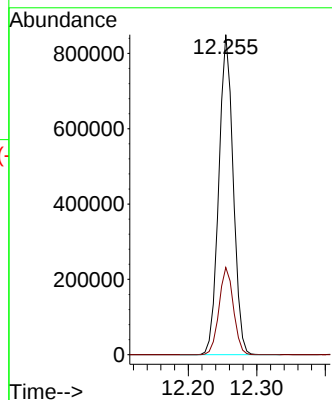
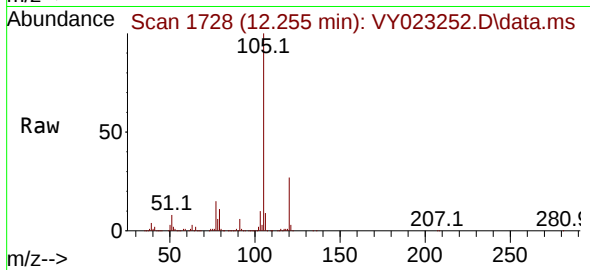
VSTDCCC050

Tgt Ion:105 Resp: 1232779

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 45.023 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Tgt Ion: 43 Resp: 215530

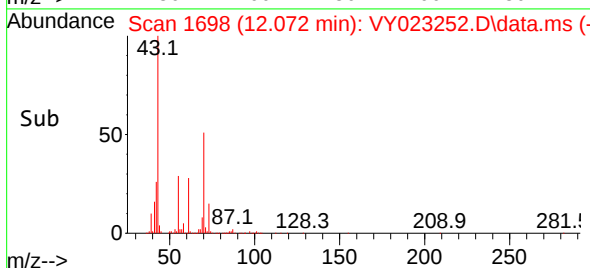
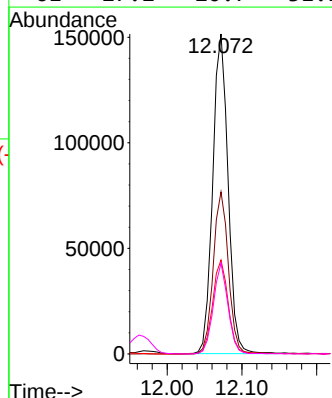
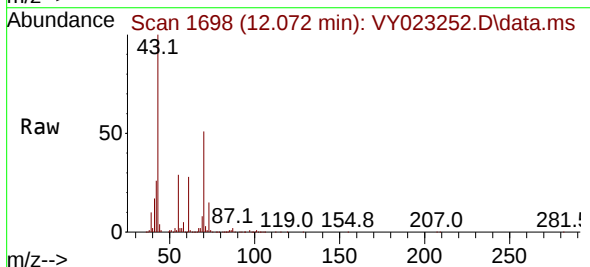
Ion Ratio Lower Upper

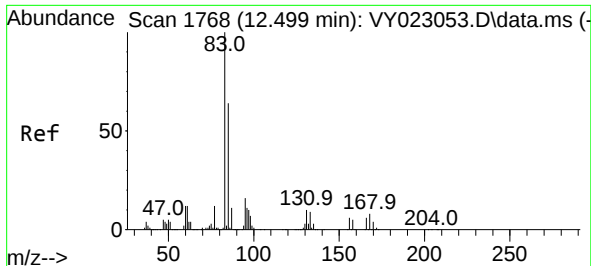
43 100

70 50.6 37.5 56.3

55 30.2 20.7 31.1

61 27.2 20.7 31.1

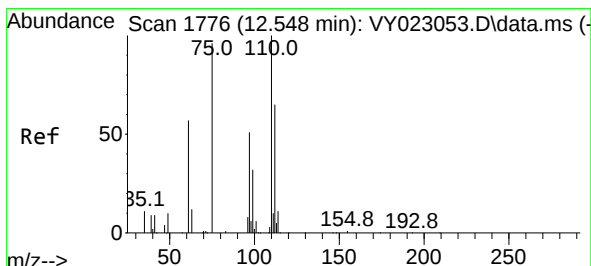
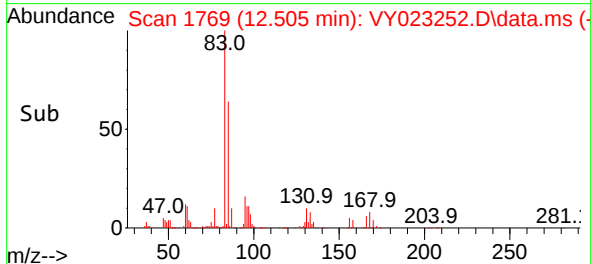
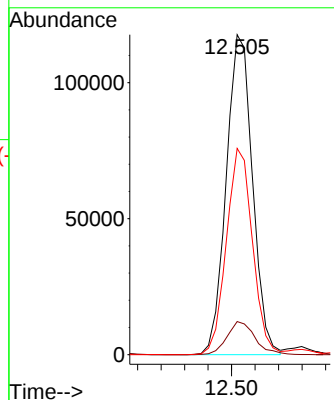
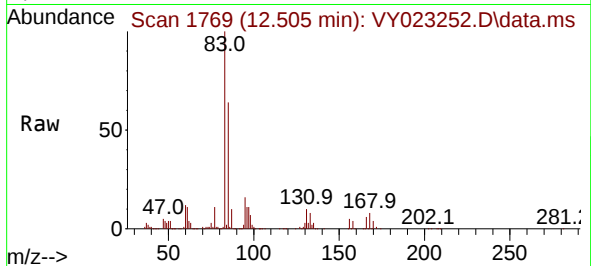




#75
1,1,2,2-Tetrachloroethane
Concen: 47.446 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

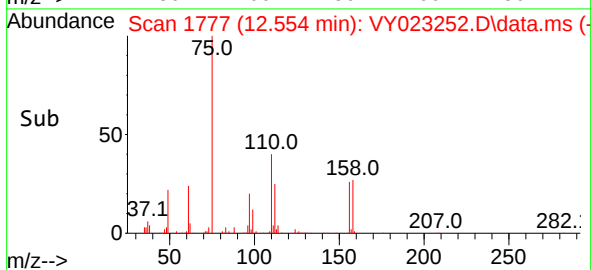
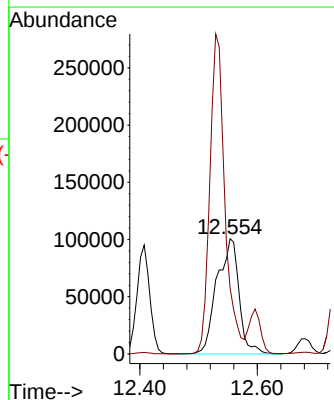
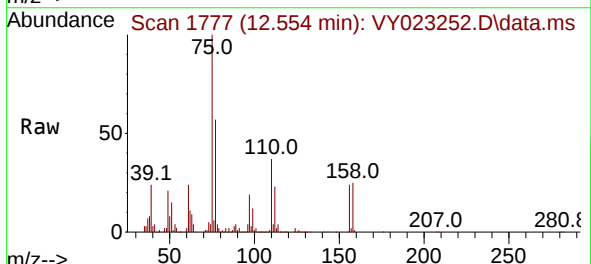
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

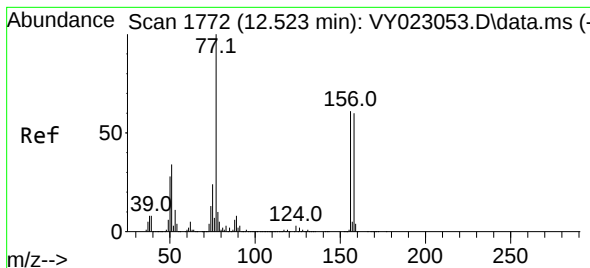
Tgt Ion: 83 Resp: 182874
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 85.223 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 75 Resp: 263062
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.192 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

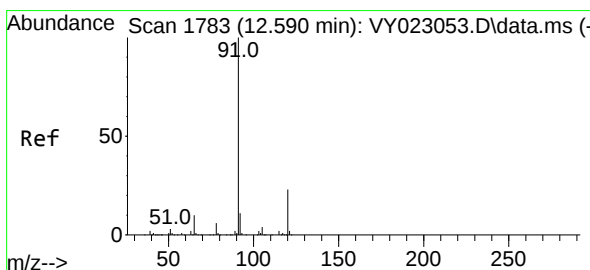
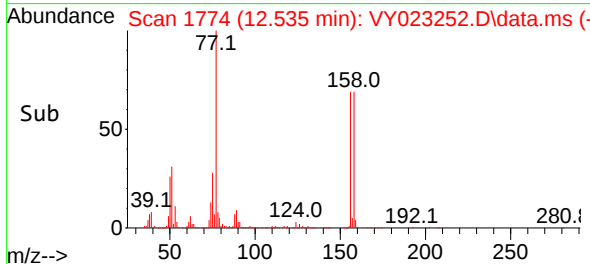
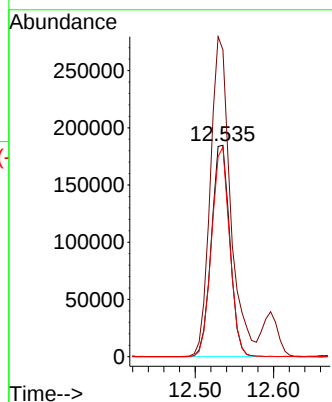
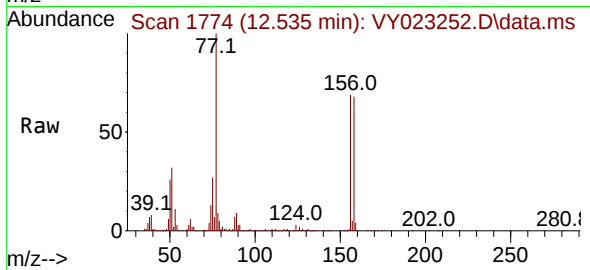
Tgt Ion:156 Resp: 302612

Ion Ratio Lower Upper

156 100

77 165.2 88.1 264.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 54.372 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023252.D

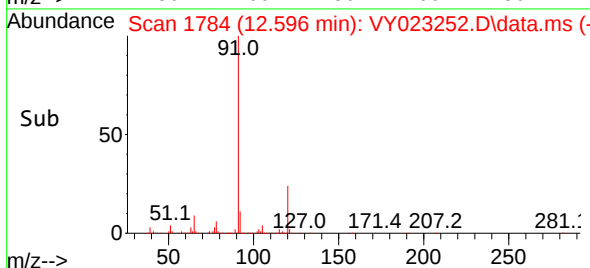
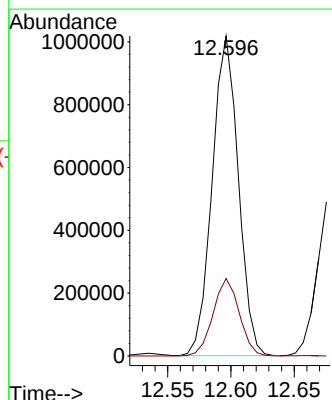
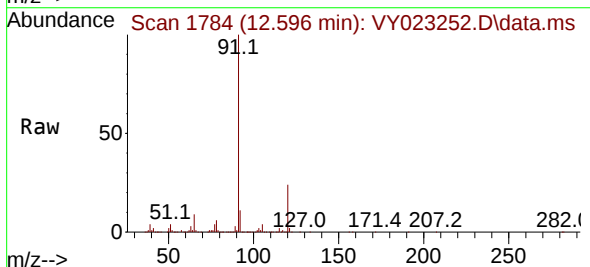
Acq: 02 Sep 2025 08:58

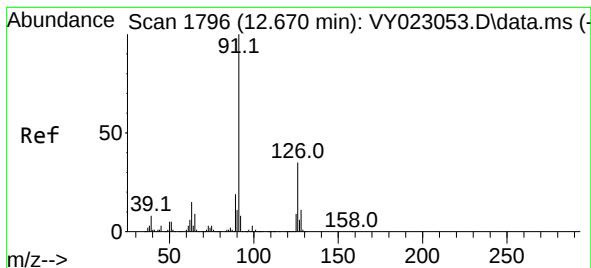
Tgt Ion: 91 Resp: 1461267

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 53.847 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

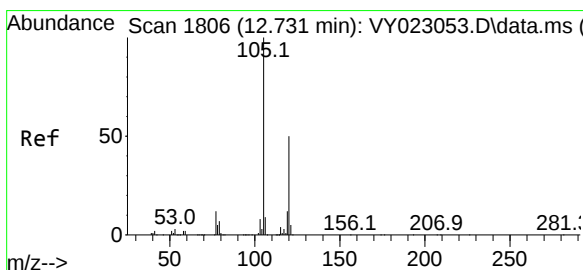
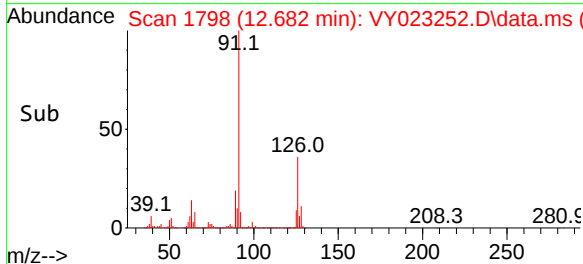
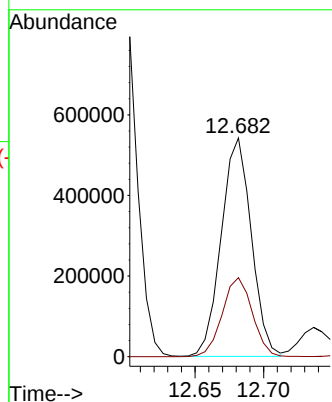
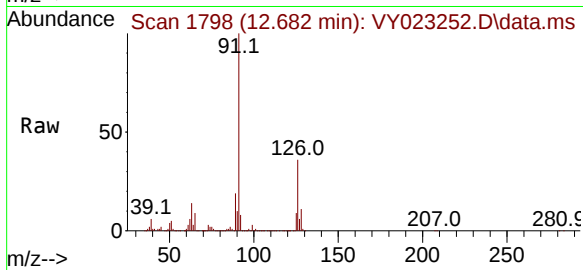
VSTDCCC050

Tgt Ion: 91 Resp: 829160

Ion Ratio Lower Upper

91 100

126 36.2 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 55.400 ug/l

RT: 12.736 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023252.D

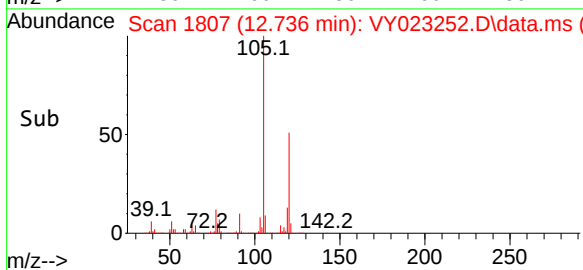
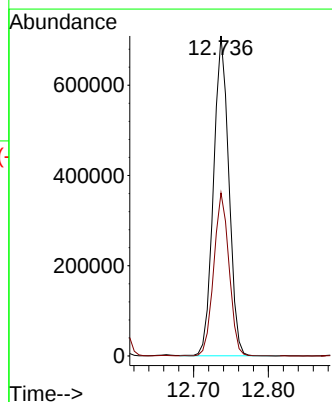
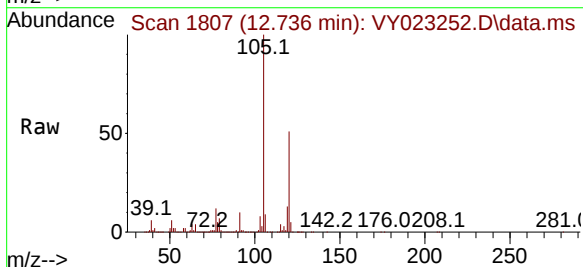
Acq: 02 Sep 2025 08:58

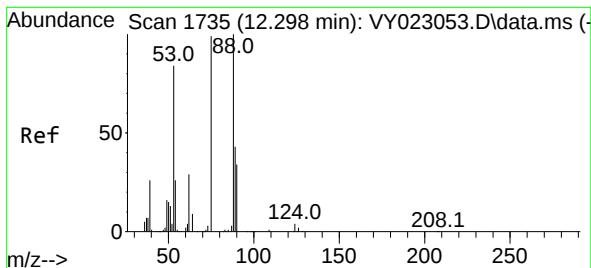
Tgt Ion: 105 Resp: 1010693

Ion Ratio Lower Upper

105 100

120 50.7 24.8 74.4

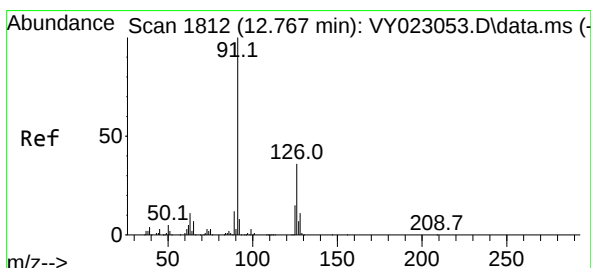
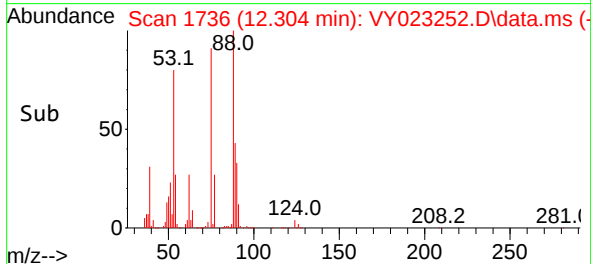
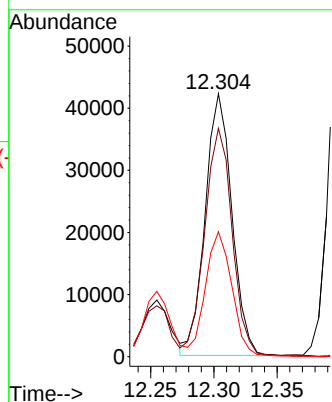
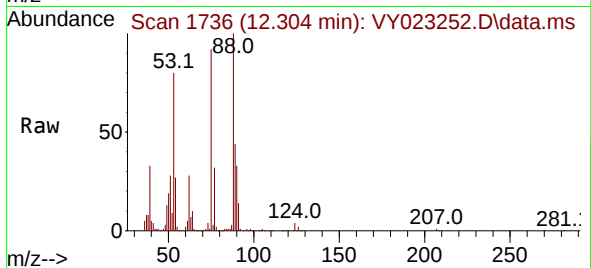




#81
trans-1,4-Dichloro-2-butene
Concen: 48.683 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

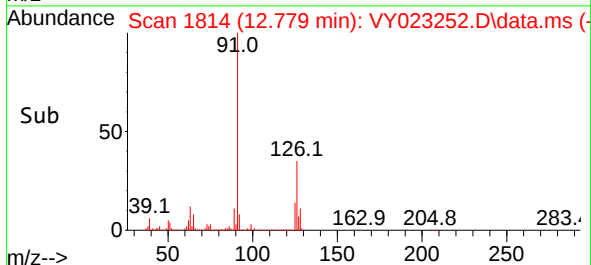
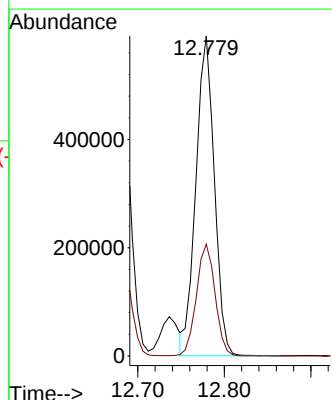
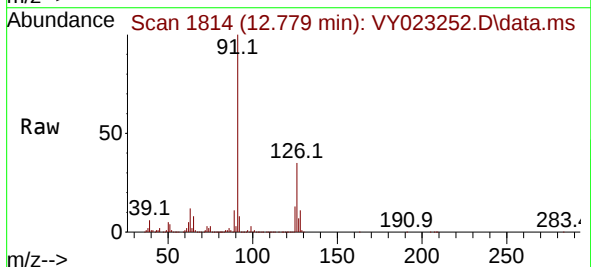
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

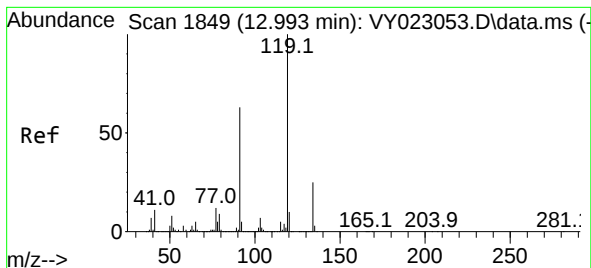
Tgt Ion: 75 Resp: 62078
Ion Ratio Lower Upper
75 100
53 90.5 70.8 106.2
89 47.2 38.1 57.1



#82
4-Chlorotoluene
Concen: 54.672 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion: 91 Resp: 873326
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0

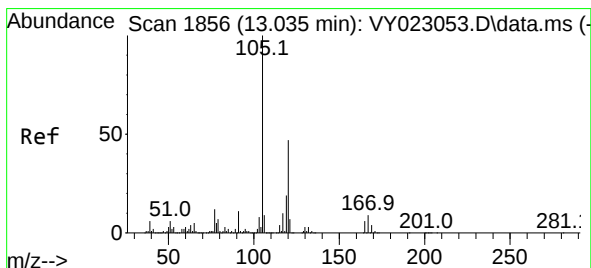
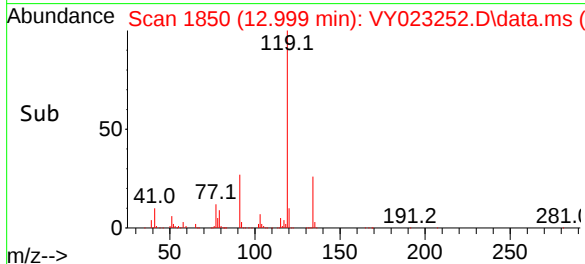
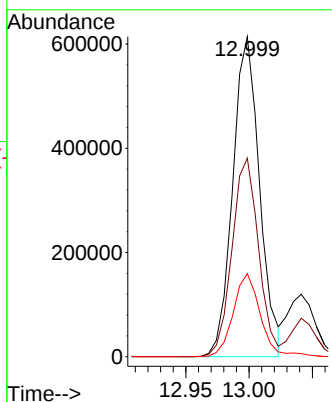
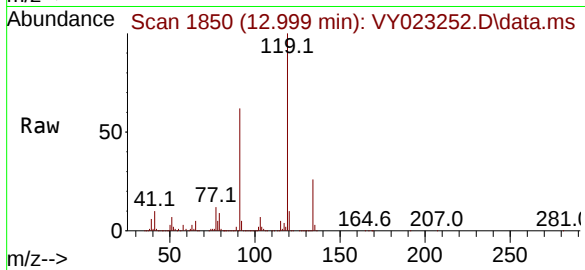




#83
 tert-Butylbenzene
 Concen: 55.046 ug/l
 RT: 12.999 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

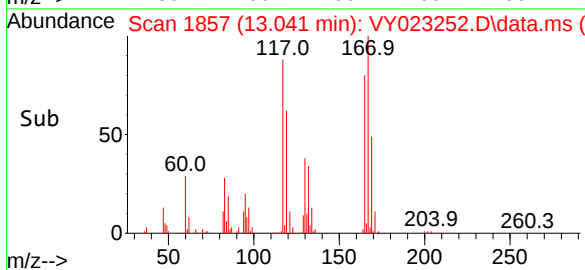
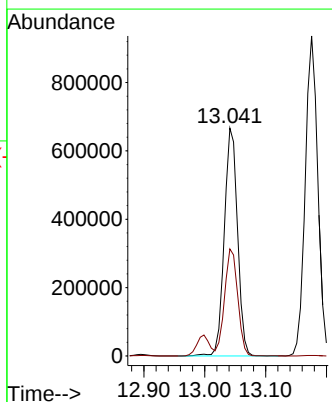
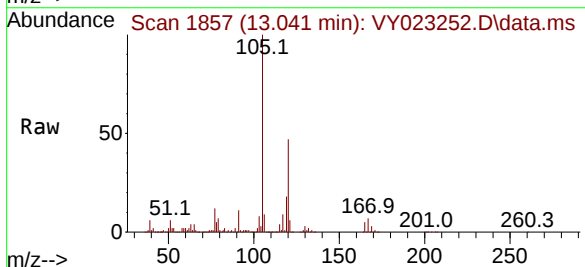
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

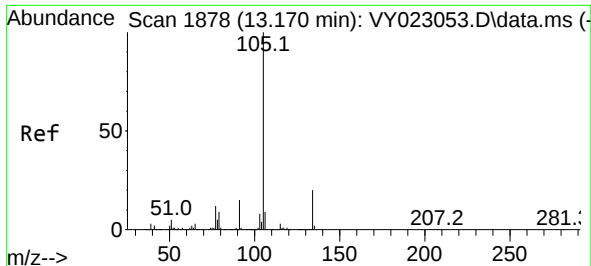
Tgt Ion:119 Resp: 907001
 Ion Ratio Lower Upper
 119 100
 91 61.4 31.6 94.8
 134 26.3 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 55.308 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

Tgt Ion:105 Resp: 1004442
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0

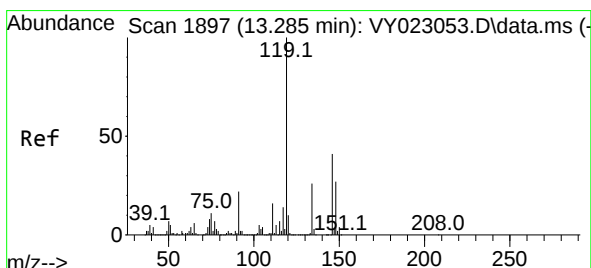
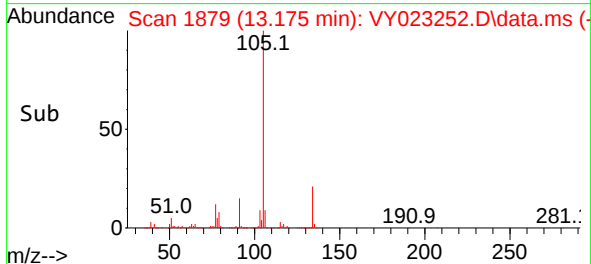
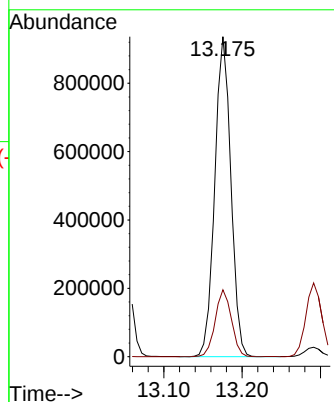
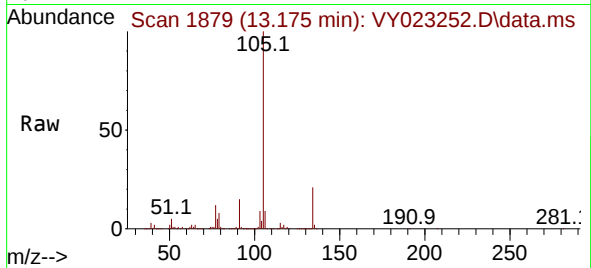




#85
 sec-Butylbenzene
 Concen: 55.205 ug/l
 RT: 13.175 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

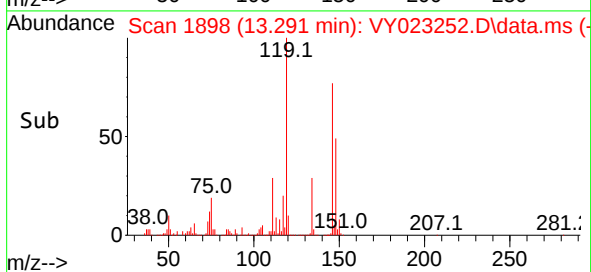
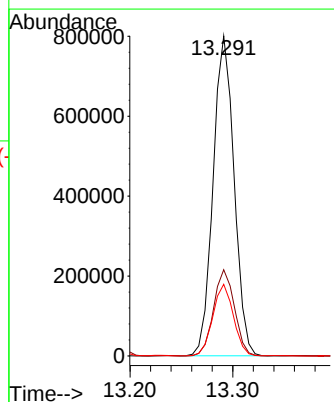
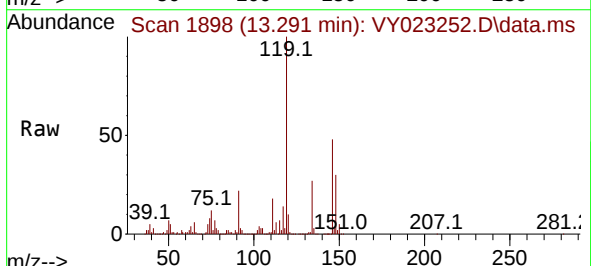
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

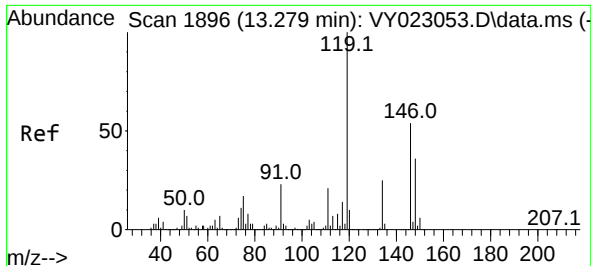
Tgt Ion:105 Resp: 1336216
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 56.319 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023252.D
 Acq: 02 Sep 2025 08:58

Tgt Ion:119 Resp: 1131507
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 22.0 11.3 33.8

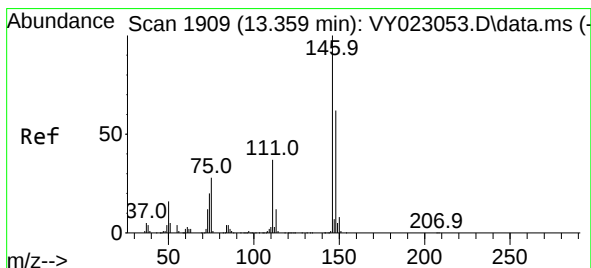
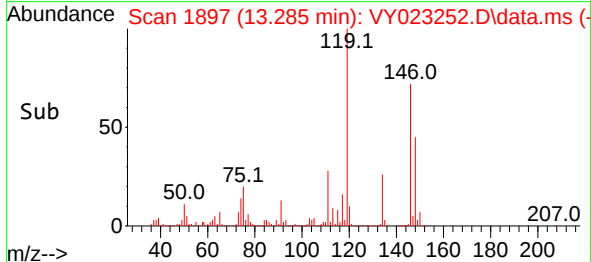
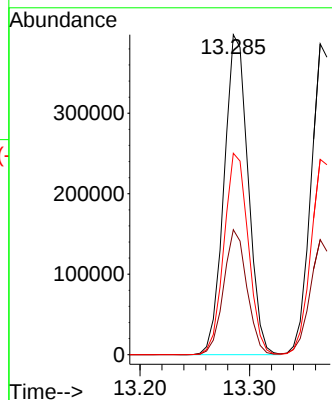
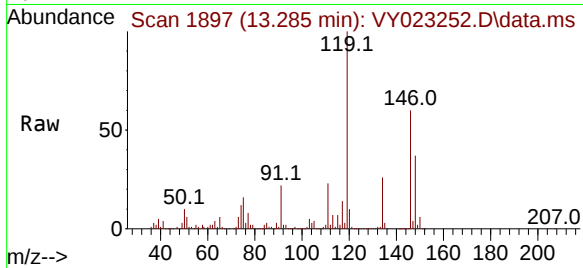




#87
1,3-Dichlorobenzene
Concen: 57.043 ug/l
RT: 13.285 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

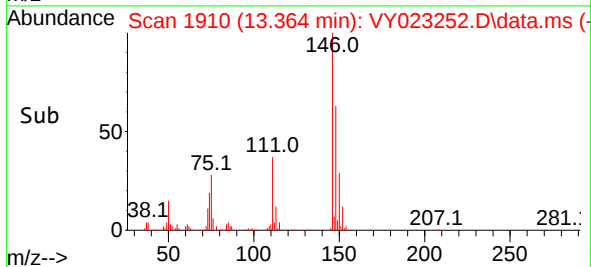
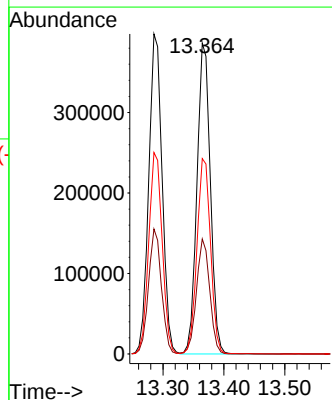
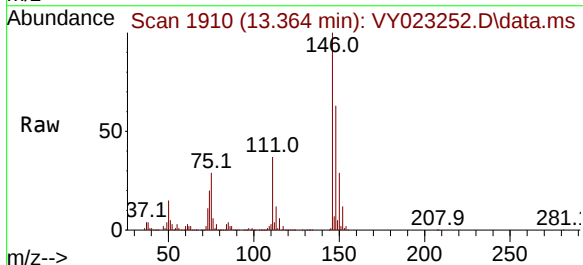
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 605803
Ion Ratio Lower Upper
146 100
111 37.8 19.6 58.7
148 63.4 32.5 97.5



#88
1,4-Dichlorobenzene
Concen: 55.878 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion:146 Resp: 588674
Ion Ratio Lower Upper
146 100
111 36.7 19.1 57.1
148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 54.450 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.012 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

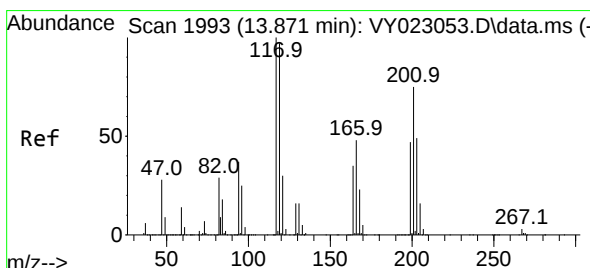
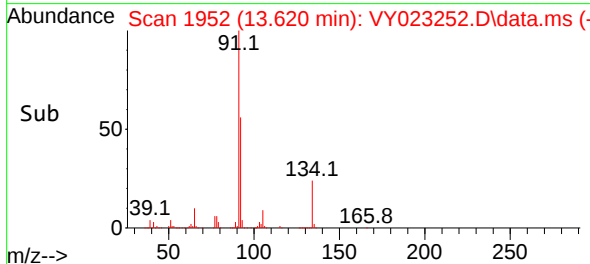
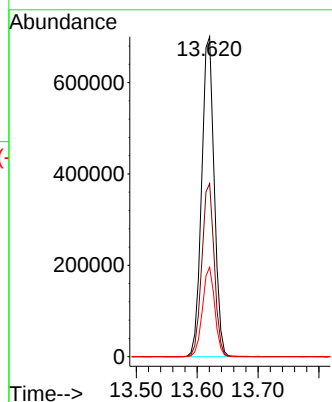
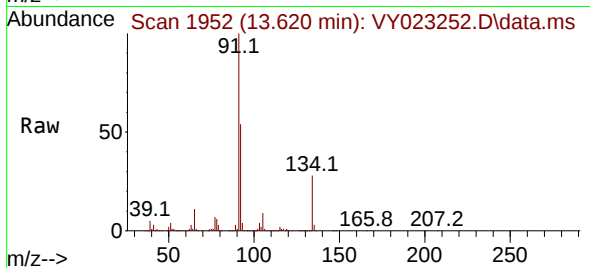
Tgt Ion: 91 Resp: 1004759

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.7

134 27.4 13.2 39.5



#90

Hexachloroethane

Concen: 56.760 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY023252.D

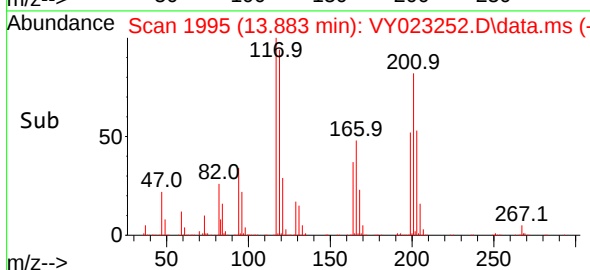
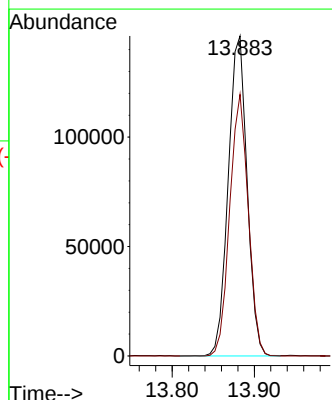
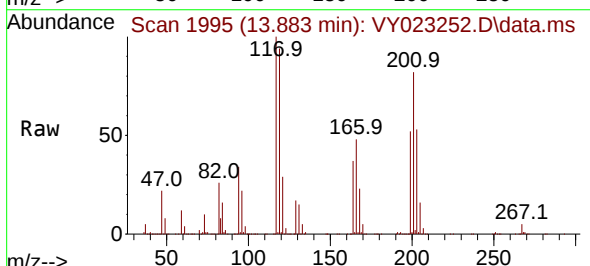
Acq: 02 Sep 2025 08:58

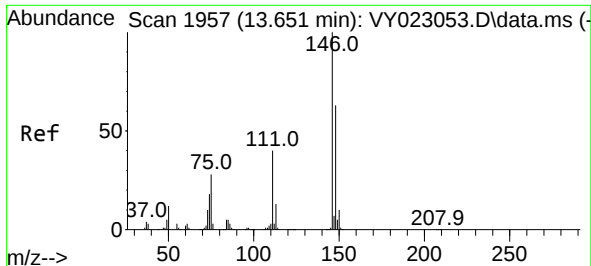
Tgt Ion: 117 Resp: 233446

Ion Ratio Lower Upper

117 100

201 80.2 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 56.435 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

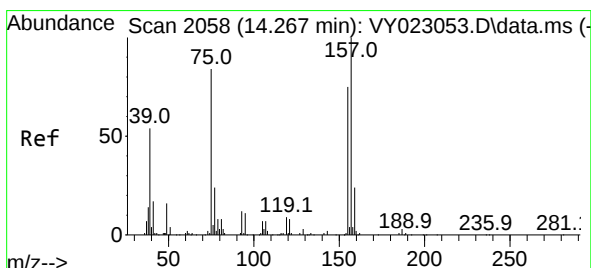
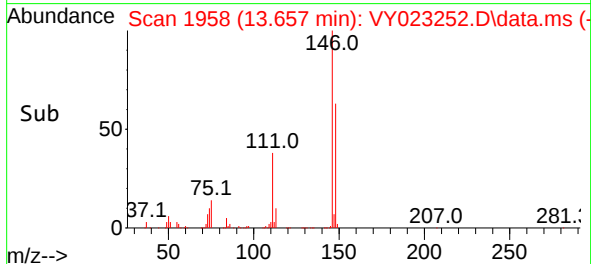
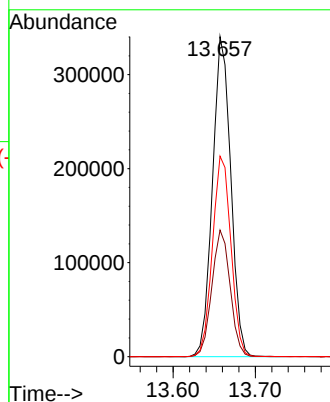
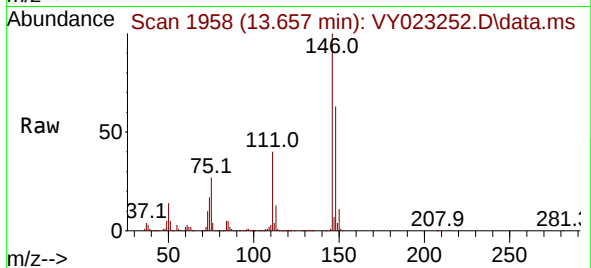
Tgt Ion:146 Resp: 525628

Ion Ratio Lower Upper

146 100

111 39.5 20.3 60.8

148 63.4 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.741 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

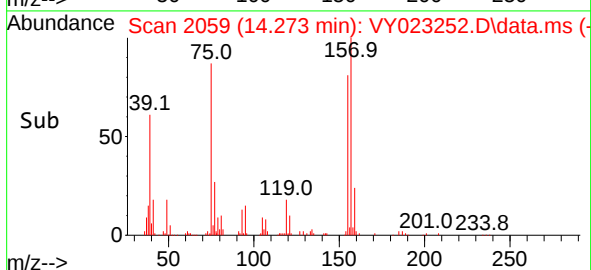
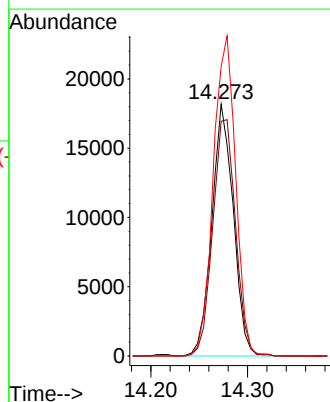
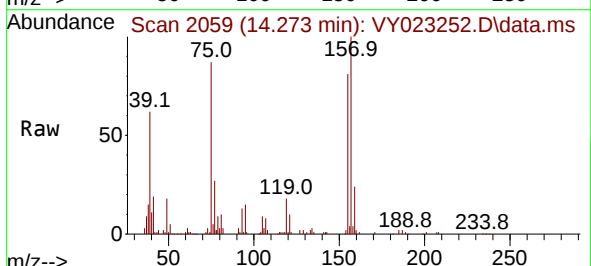
Tgt Ion: 75 Resp: 28050

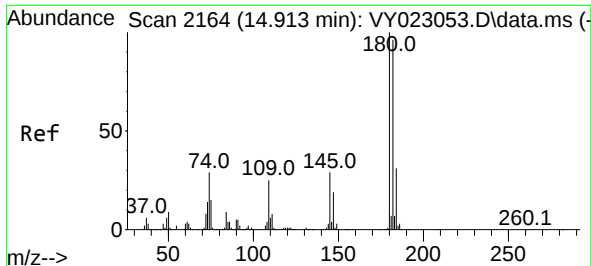
Ion Ratio Lower Upper

75 100

155 99.4 43.9 131.6

157 131.6 57.2 171.6

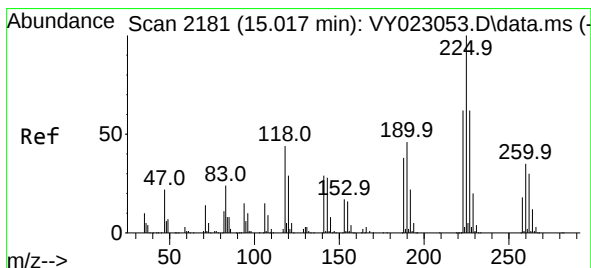
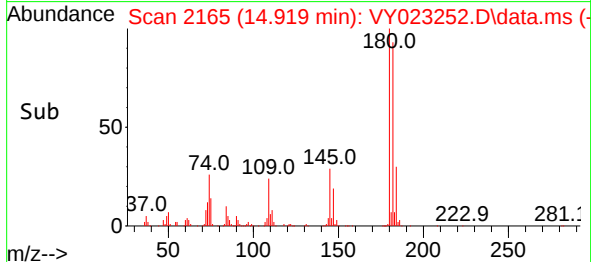
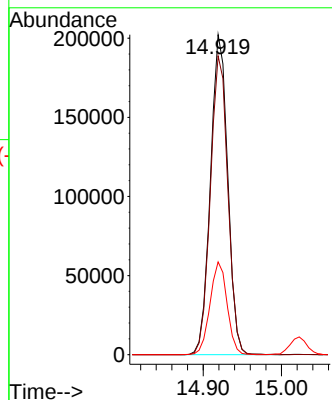
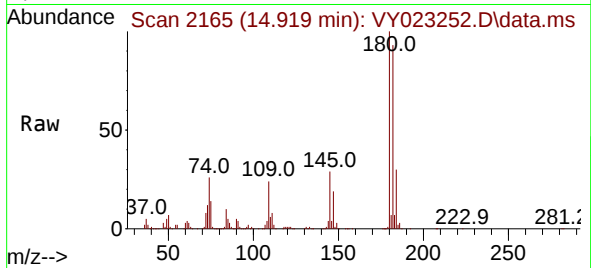




#93
1,2,4-Trichlorobenzene
Concen: 56.137 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

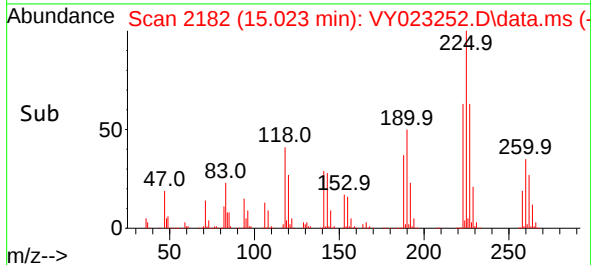
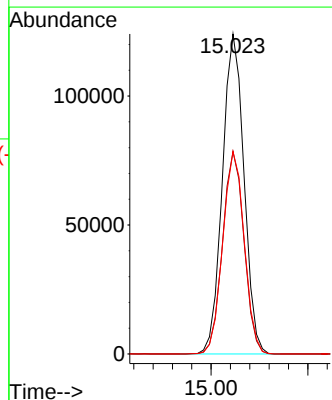
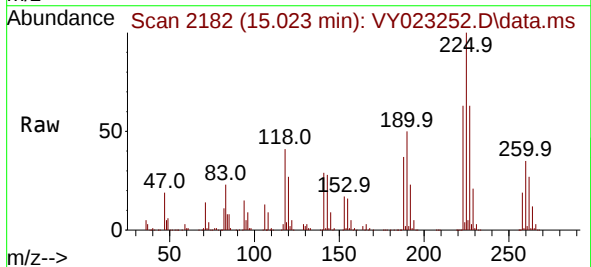
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 309192
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.4
145 28.6 14.4 43.4



#94
Hexachlorobutadiene
Concen: 59.191 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023252.D
Acq: 02 Sep 2025 08:58

Tgt Ion:225 Resp: 191575
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 63.1 31.5 94.5





#95

Naphthalene

Concen: 52.723 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

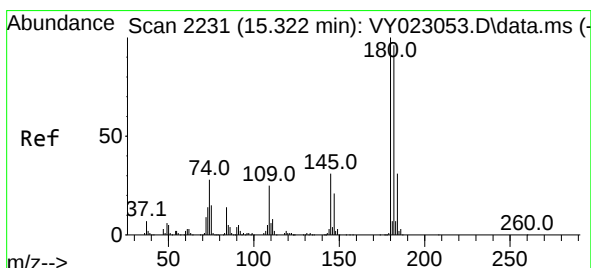
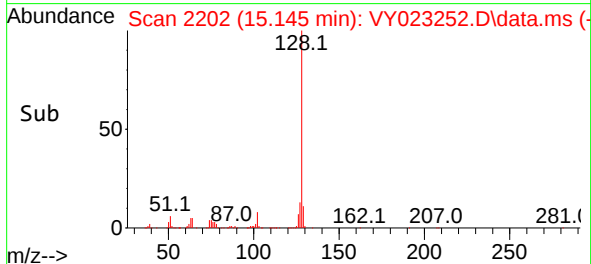
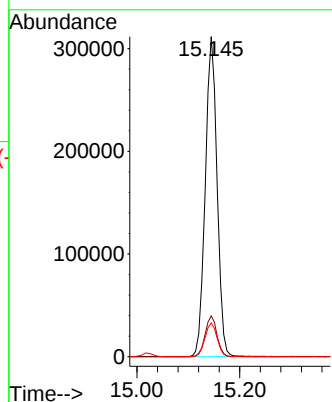
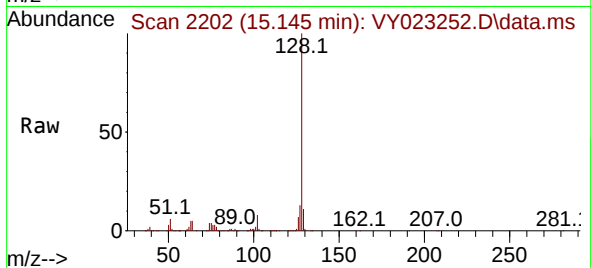
Tgt Ion:128 Resp: 495168

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 56.065 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023252.D

Acq: 02 Sep 2025 08:58

Tgt Ion:180 Resp: 266091

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 30.8 15.9 47.7

