

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
 Data File : VY023254.D
 Acq On : 02 Sep 2025 10:32
 Operator : SY/MD
 Sample : VY0902SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0902SBS01

Quant Time: Sep 03 03:27:15 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	456395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	704595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	630936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	331529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	213772	49.146	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.300%
35) Dibromofluoromethane	7.634	113	224889	53.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.109	98	854184	51.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.408	95	272698	51.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79076	21.226	ug/l	99
3) Chloromethane	2.074	50	116970	19.386	ug/l	99
4) Vinyl Chloride	2.208	62	147578	19.786	ug/l	100
5) Bromomethane	2.592	94	126202	22.656	ug/l	99
6) Chloroethane	2.739	64	99882	20.143	ug/l	99
7) Trichlorofluoromethane	3.056	101	188209	20.752	ug/l	100
8) Diethyl Ether	3.458	74	52084	21.706	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	99829	22.311	ug/l	97
10) Methyl Iodide	4.007	142	98371	20.374	ug/l	97
11) Tert butyl alcohol	4.860	59	29065	97.520	ug/l	99
12) 1,1-Dichloroethene	3.793	96	94227	21.425	ug/l	91
13) Acrolein	3.653	56	20459	46.872	ug/l	99
14) Allyl chloride	4.385	41	121370	18.755	ug/l	98
15) Acrylonitrile	5.061	53	102522	105.097	ug/l	99
16) Acetone	3.873	43	127317	135.106	ug/l	97
17) Carbon Disulfide	4.104	76	285706	19.923	ug/l	100
18) Methyl Acetate	4.385	43	55207	19.687	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	228215	20.025	ug/l	100
20) Methylene Chloride	4.616	84	141871	27.764	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	103658	20.973	ug/l	96
22) Diisopropyl ether	6.019	45	277677	19.746	ug/l	94
23) Vinyl Acetate	5.964	43	749248	96.356	ug/l	98
24) 1,1-Dichloroethane	5.921	63	178165	20.723	ug/l	99
25) 2-Butanone	6.896	43	147913	115.409	ug/l	96
26) 2,2-Dichloropropane	6.890	77	155939	21.020	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	121553	21.274	ug/l	95
28) Bromochloromethane	7.250	49	74105	21.725	ug/l	92
29) Tetrahydrofuran	7.268	42	78522	98.840	ug/l	97
30) Chloroform	7.421	83	193153	21.783	ug/l	97
31) Cyclohexane	7.707	56	149954	18.508	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	169137	21.498	ug/l	99
36) 1,1-Dichloropropene	7.835	75	132778	21.191	ug/l	99
37) Ethyl Acetate	6.988	43	55273	21.000	ug/l	98
38) Carbon Tetrachloride	7.817	117	153135	22.502	ug/l	97
39) Methylcyclohexane	9.109	83	166749	20.209	ug/l	98
40) Benzene	8.085	78	420440	21.771	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	30115	19.825	ug/l	92
42) 1,2-Dichloroethane	8.158	62	108316	21.566	ug/l	99
43) Isopropyl Acetate	8.201	43	107240	20.159	ug/l	96
44) Trichloroethene	8.866	130	117554	23.555	ug/l	99
45) 1,2-Dichloropropane	9.140	63	97017	21.834	ug/l	97
46) Dibromomethane	9.231	93	57944	22.720	ug/l	95
47) Bromodichloromethane	9.427	83	147709	22.508	ug/l	98
48) Methyl methacrylate	9.219	41	50031	19.654	ug/l	94
49) 1,4-Dioxane	9.231	88	12634	422.484	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	279928	102.011	ug/l	98
52) Toluene	10.170	92	267478	21.808	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	126561	21.297	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	150288	21.387	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	77733	22.778	ug/l	96
56) Ethyl methacrylate	10.439	69	85649	19.613	ug/l	97
57) 1,3-Dichloropropane	10.719	76	129608	22.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	194228	94.292	ug/l	95
59) 2-Hexanone	10.762	43	202142	108.182	ug/l	99
60) Dibromochloromethane	10.914	129	104774	23.267	ug/l	98
61) 1,2-Dibromoethane	11.012	107	74165	23.122	ug/l	98
64) Tetrachloroethene	10.646	164	143416	25.456	ug/l	98
65) Chlorobenzene	11.444	112	299955	22.040	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	106653	23.091	ug/l	98
67) Ethyl Benzene	11.518	91	483058	20.626	ug/l	99
68) m/p-Xylenes	11.627	106	392879	42.951	ug/l	96
69) o-Xylene	11.957	106	180336	21.050	ug/l	97
70) Styrene	11.969	104	298853	21.331	ug/l	98
71) Bromoform	12.133	173	63721	23.605	ug/l #	98
73) Isopropylbenzene	12.255	105	466356	19.931	ug/l	99
74) N-amyl acetate	12.072	43	88151	17.765	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	78270	19.590	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	108834	34.015	ug/l #	100
77) Bromobenzene	12.530	156	118533	21.234	ug/l	94
78) n-propylbenzene	12.597	91	556041	19.960	ug/l	98
79) 2-Chlorotoluene	12.676	91	318200	19.936	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	383045	20.255	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24854	18.803	ug/l	93
82) 4-Chlorotoluene	12.773	91	332815	20.100	ug/l	98
83) tert-Butylbenzene	12.999	119	338060	19.793	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	384551	20.428	ug/l	100
85) sec-Butylbenzene	13.176	105	503289	20.060	ug/l	100
86) p-Isopropyltoluene	13.292	119	418831	20.111	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	234219	21.276	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	235755	21.589	ug/l	99
89) n-Butylbenzene	13.615	91	372158	19.457	ug/l	99
90) Hexachloroethane	13.877	117	89650	21.028	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	208372	21.583	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12495	20.087	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	119064	20.855	ug/l	99
94) Hexachlorobutadiene	15.023	225	73759	21.986	ug/l	99
95) Naphthalene	15.145	128	187354	19.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	103841	21.107	ug/l	99

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QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

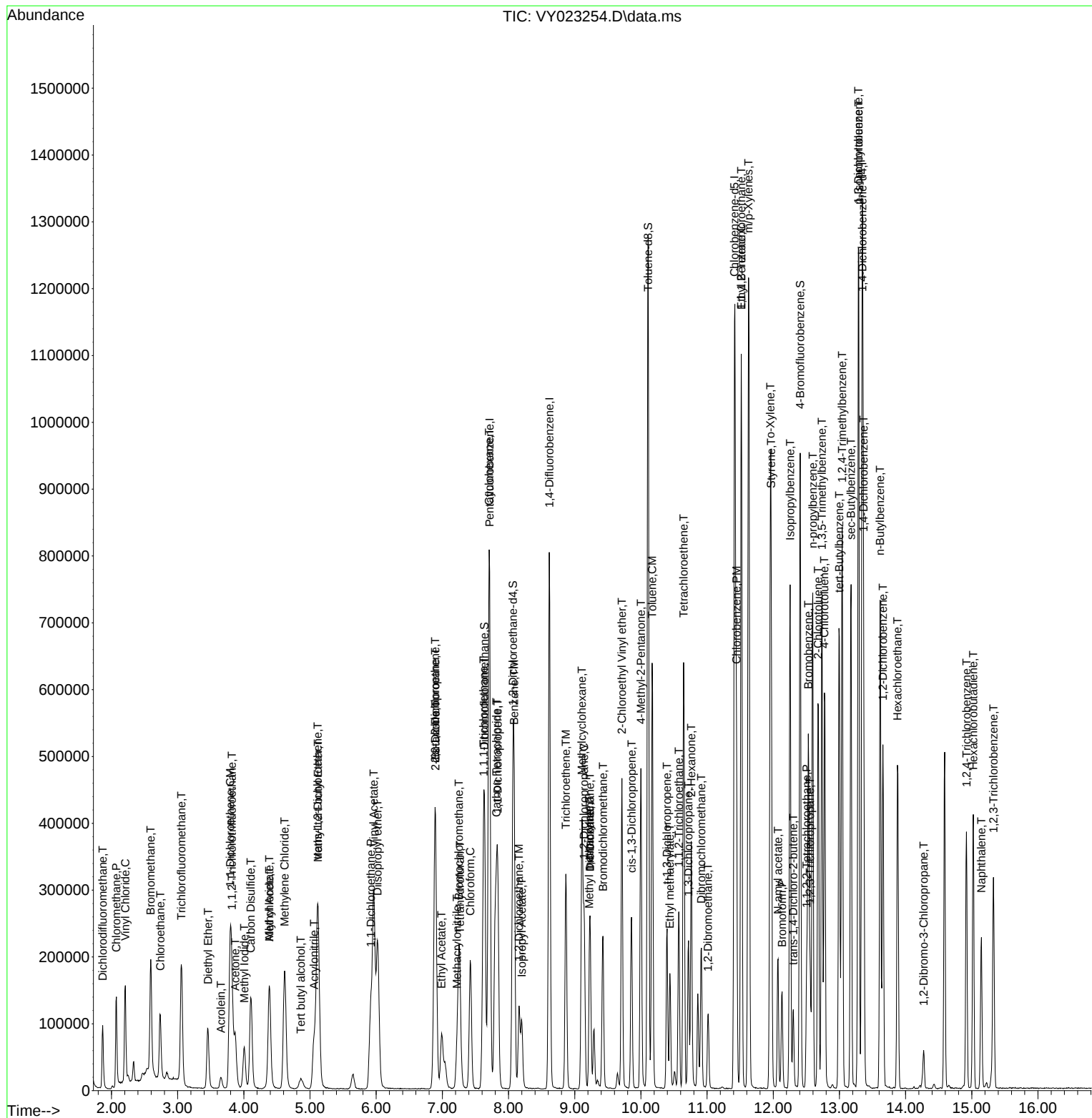
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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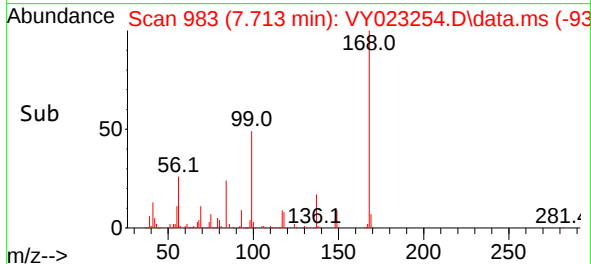
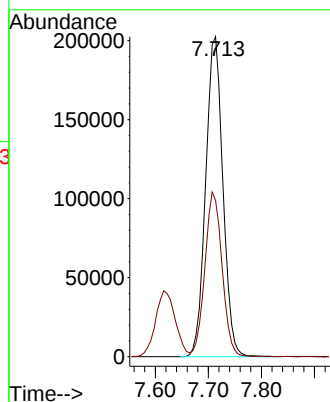
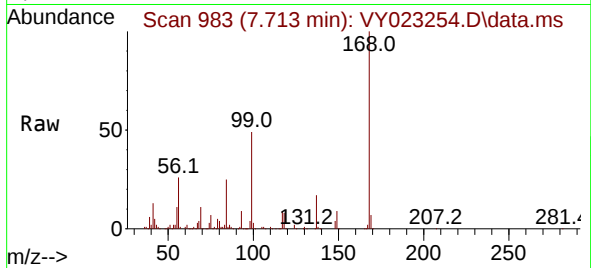




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023254.D
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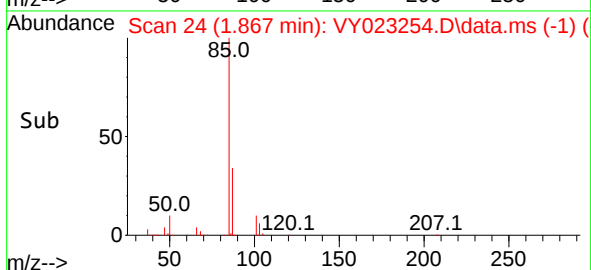
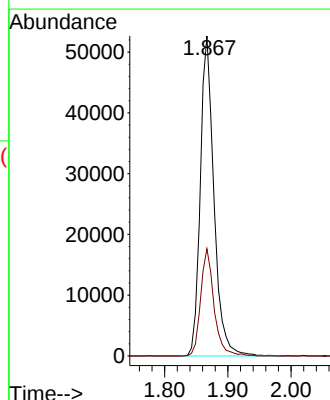
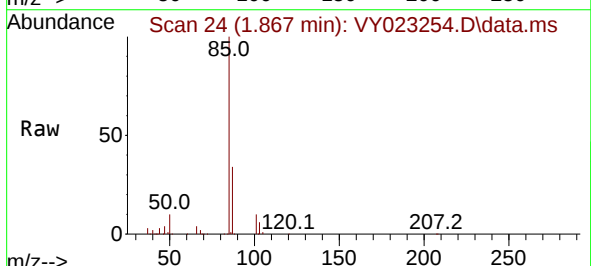
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion:168 Resp: 456395
Ion Ratio Lower Upper
168 100
99 48.7 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.226 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 85 Resp: 79076
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.8

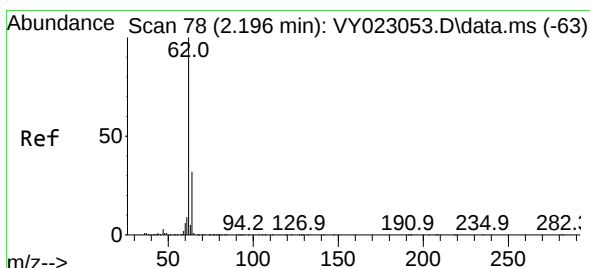
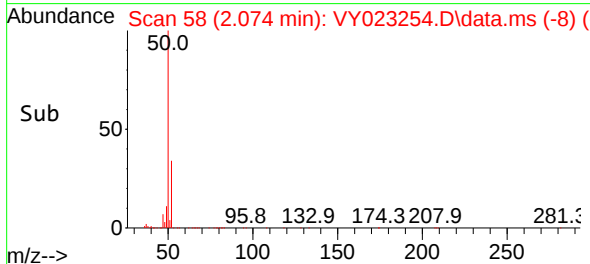
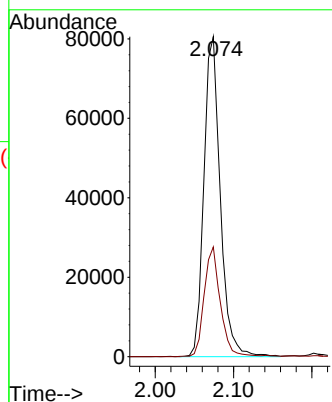
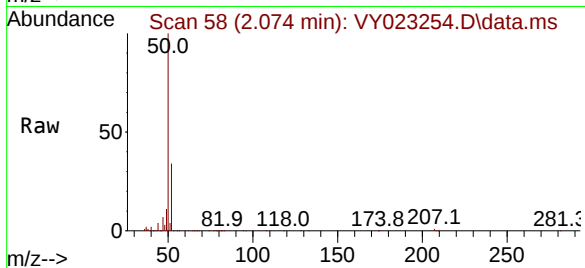




#3
Chloromethane
Concen: 19.386 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

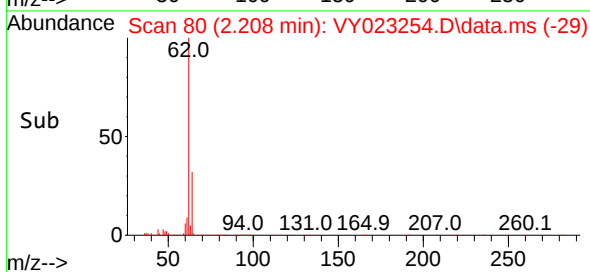
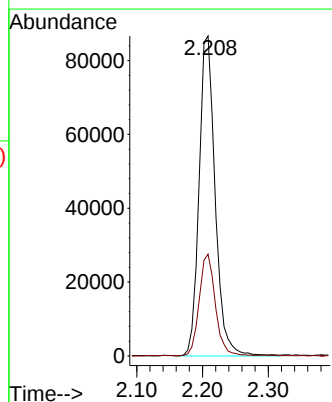
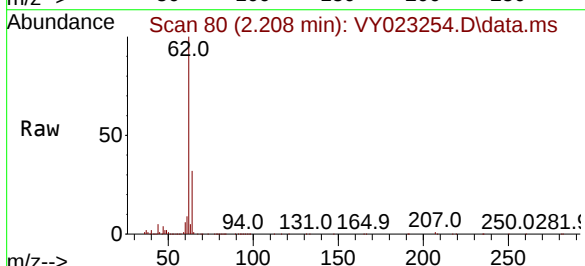
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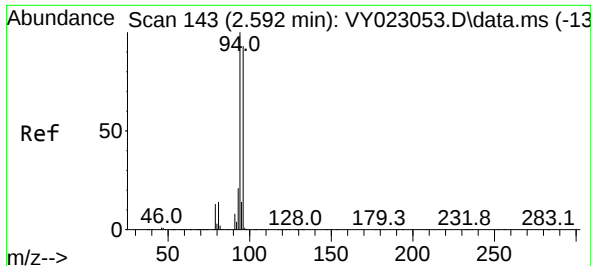
Tgt Ion: 50 Resp: 116970
Ion Ratio Lower Upper
50 100
52 34.2 26.7 40.1



#4
Vinyl Chloride
Concen: 19.786 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 62 Resp: 147578
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

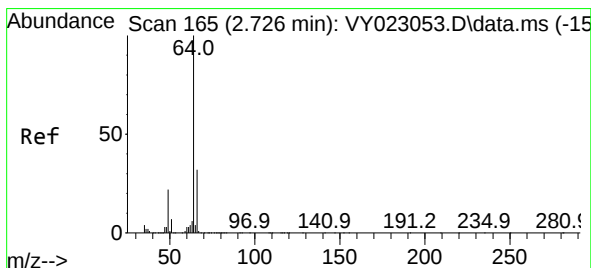
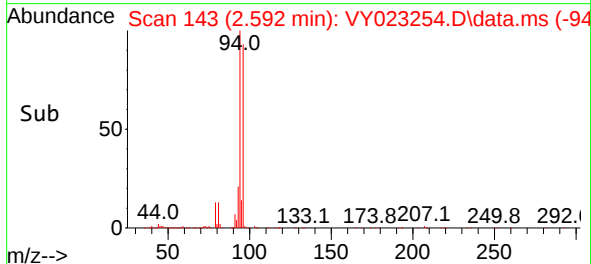
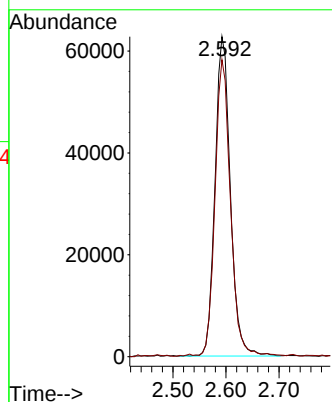
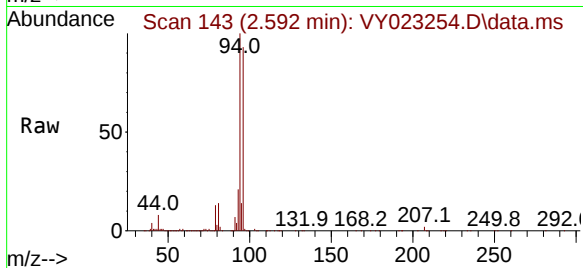




#5
Bromomethane
Concen: 22.656 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

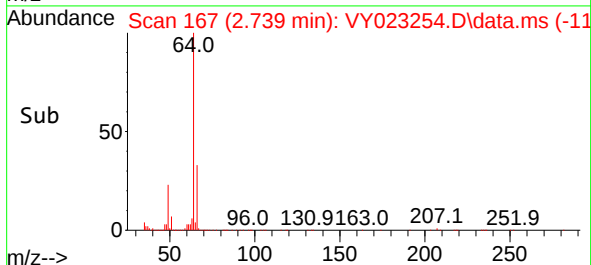
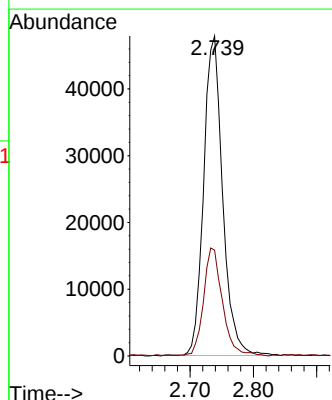
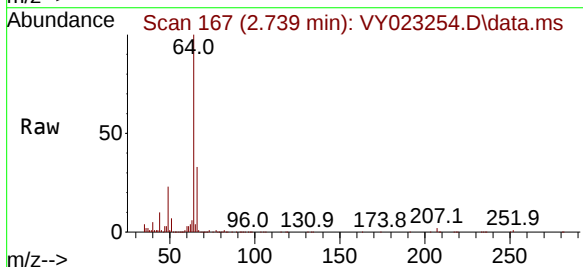
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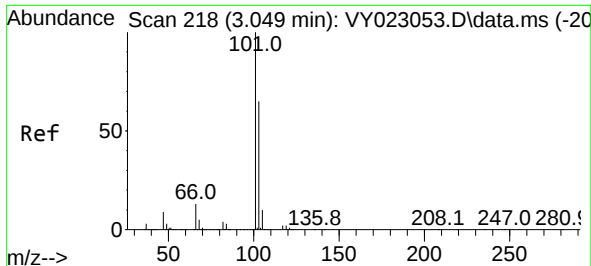
Tgt Ion: 94 Resp: 126202
Ion Ratio Lower Upper
94 100
96 92.6 74.6 112.0



#6
Chloroethane
Concen: 20.143 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 64 Resp: 99882
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.6

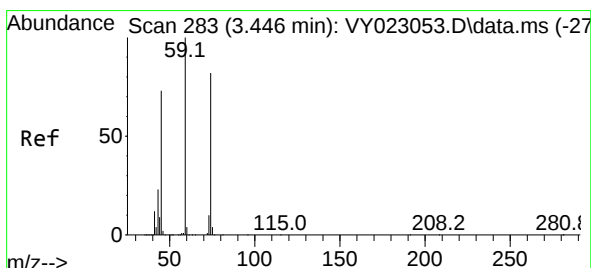
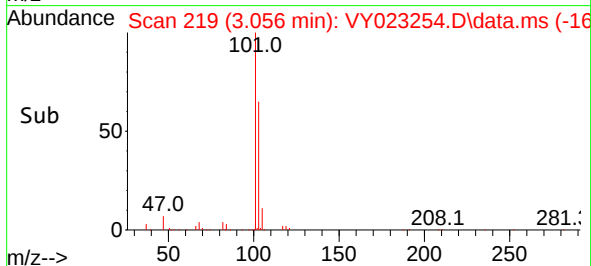
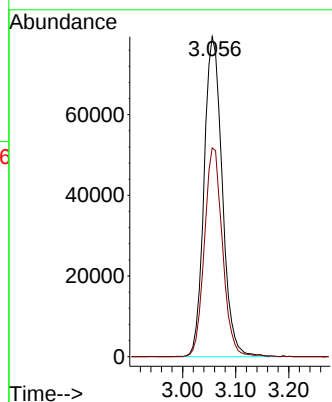
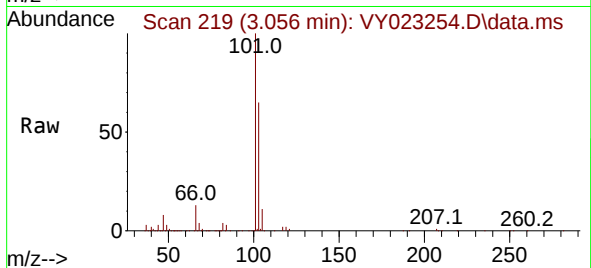




#7
Trichlorofluoromethane
Concen: 20.752 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023254.D
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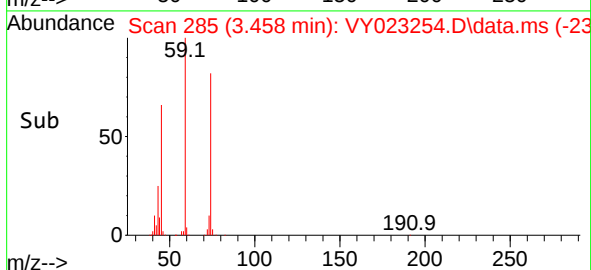
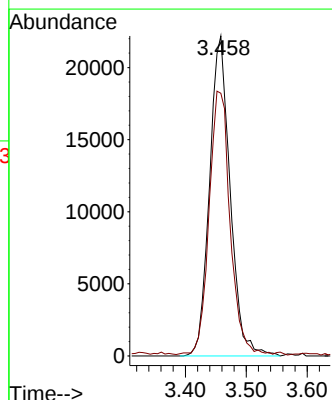
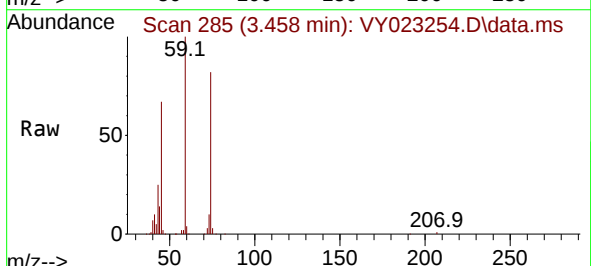
Instrument :
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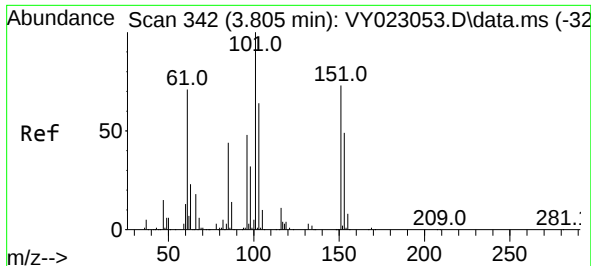
Tgt Ion:101 Resp: 188209
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9



#8
Diethyl Ether
Concen: 21.706 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 74 Resp: 52084
Ion Ratio Lower Upper
74 100
45 83.6 44.4 133.2

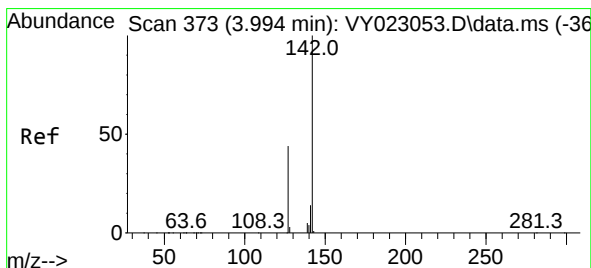
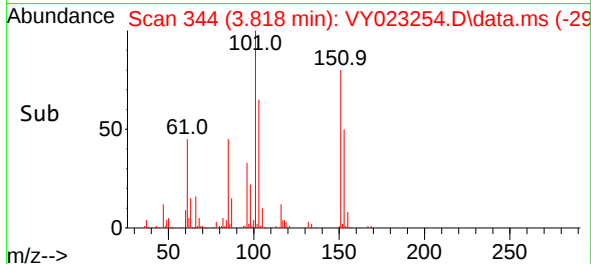
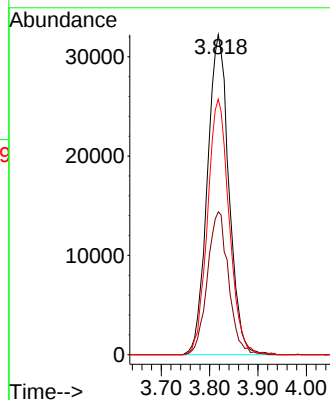
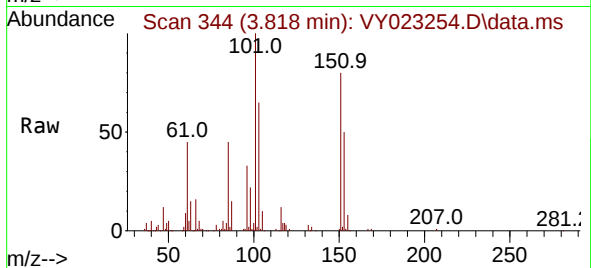




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.311 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023254.D
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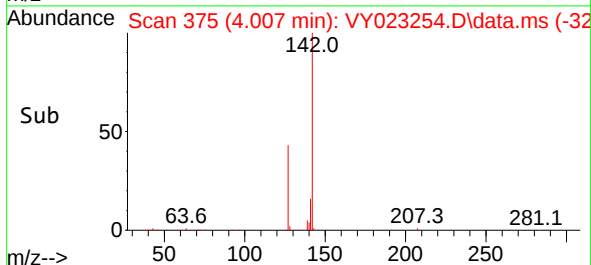
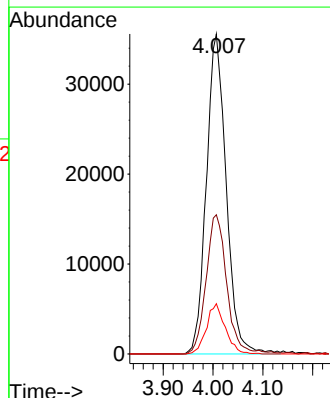
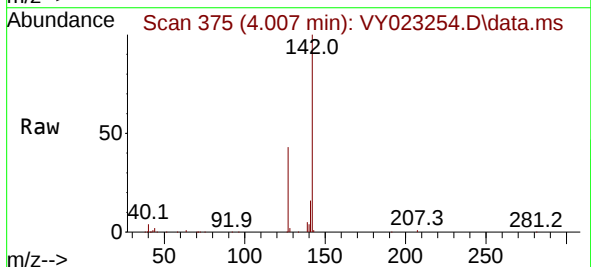
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

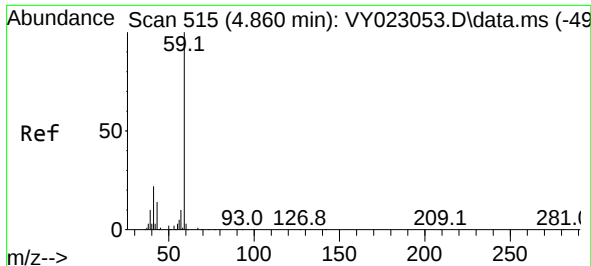
Tgt Ion:101 Resp: 99829
Ion Ratio Lower Upper
101 100
85 43.8 36.3 54.5
151 80.2 61.5 92.3



#10
Methyl Iodide
Concen: 20.374 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion:142 Resp: 98371
Ion Ratio Lower Upper
142 100
127 45.4 34.9 52.3
141 14.9 11.3 16.9

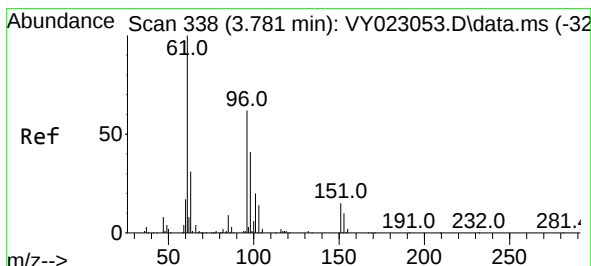
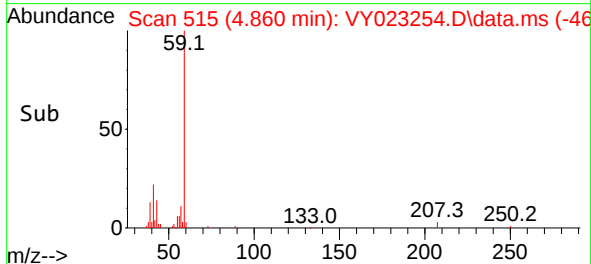
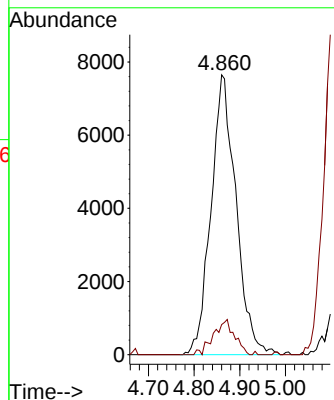
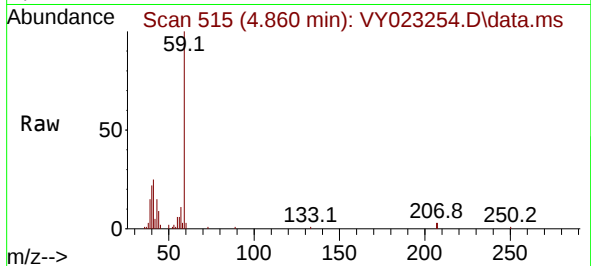




#11
Tert butyl alcohol
Concen: 97.520 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

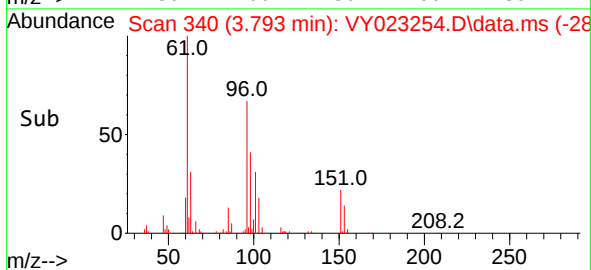
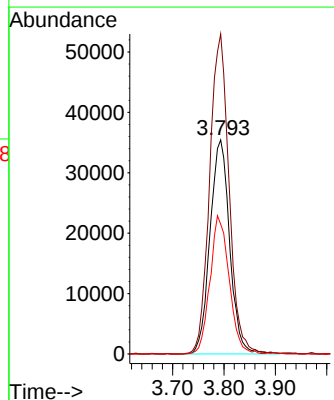
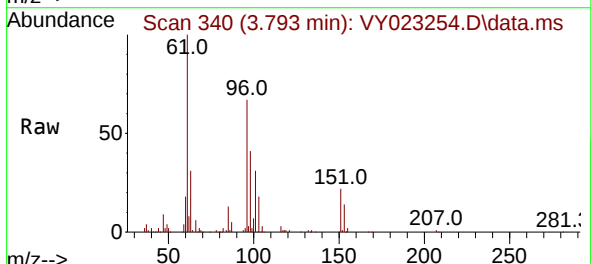
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 59 Resp: 29065
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0



#12
1,1-Dichloroethene
Concen: 21.425 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 96 Resp: 94227
Ion Ratio Lower Upper
96 100
61 149.5 129.4 194.2
98 60.6 52.8 79.2





#13

Acrolein

Concen: 46.872 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

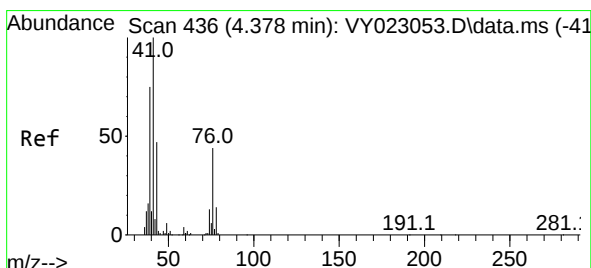
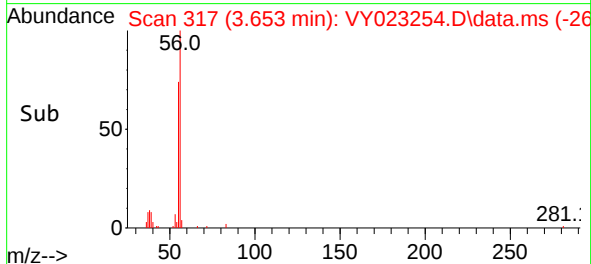
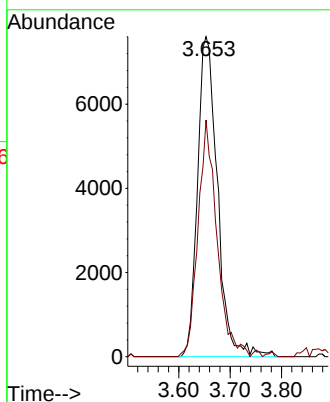
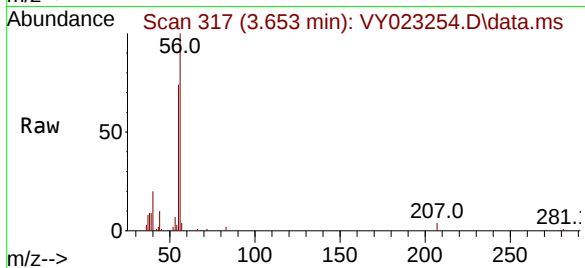
VY0902SBS01

Tgt Ion: 56 Resp: 20459

Ion Ratio Lower Upper

56 100

55 70.2 55.2 82.8



#14

Allyl chloride

Concen: 18.755 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

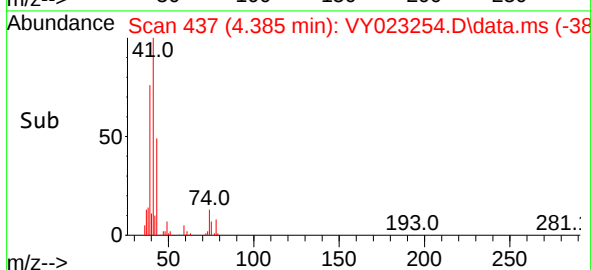
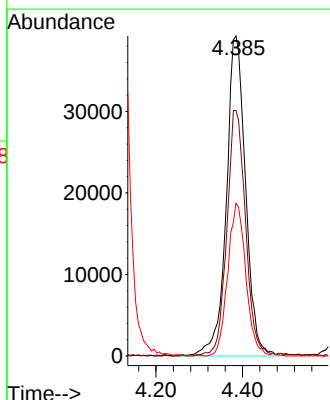
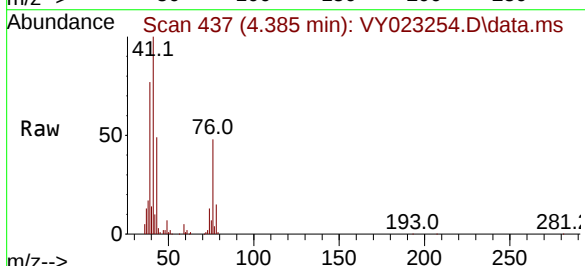
Tgt Ion: 41 Resp: 121370

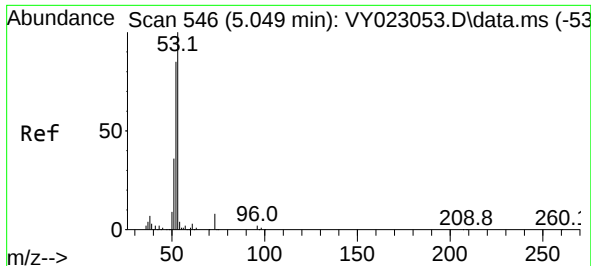
Ion Ratio Lower Upper

41 100

39 74.8 59.8 89.6

76 45.0 33.7 50.5

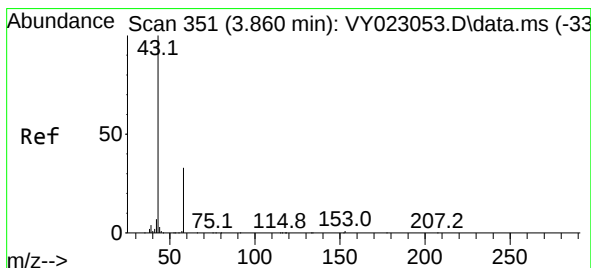
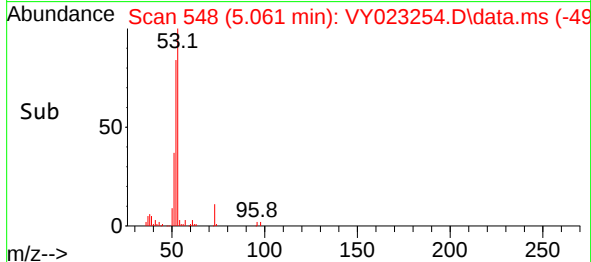
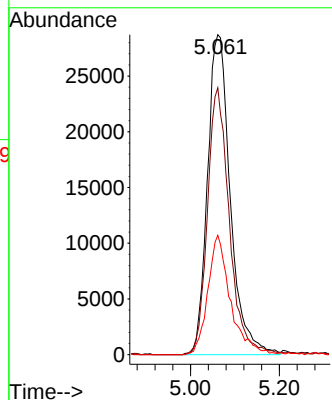
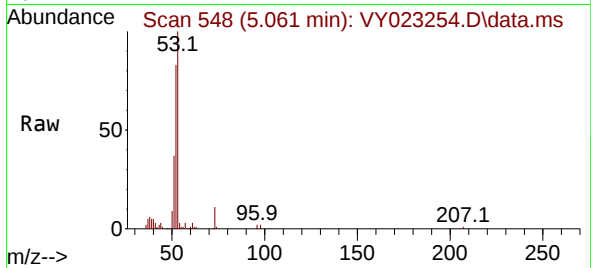




#15
Acrylonitrile
Concen: 105.097 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

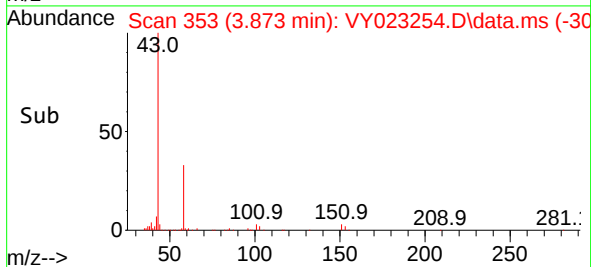
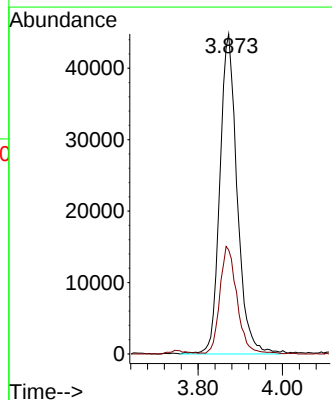
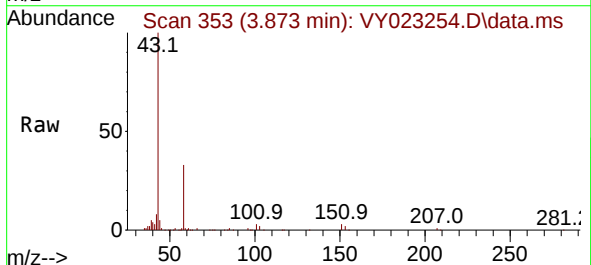
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 53 Resp: 102522
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 36.9 29.5 44.3



#16
Acetone
Concen: 135.106 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 43 Resp: 127317
Ion Ratio Lower Upper
43 100
58 32.3 27.1 40.7

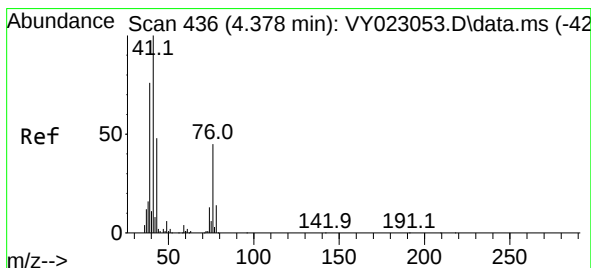
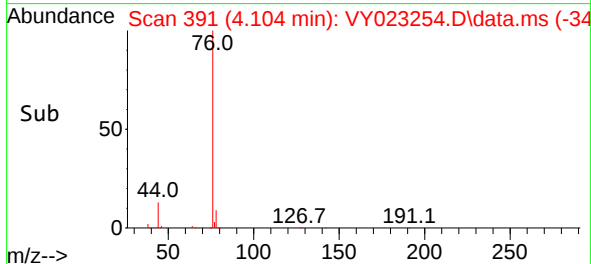
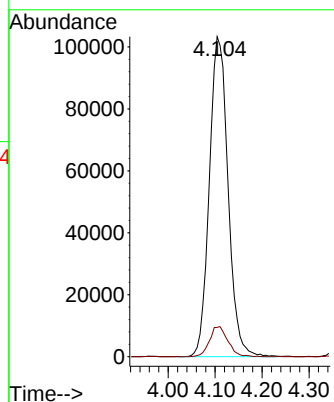
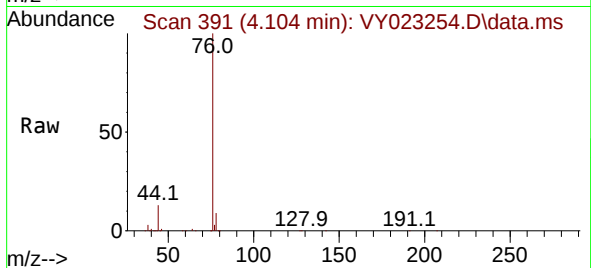




#17
Carbon Disulfide
Concen: 19.923 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

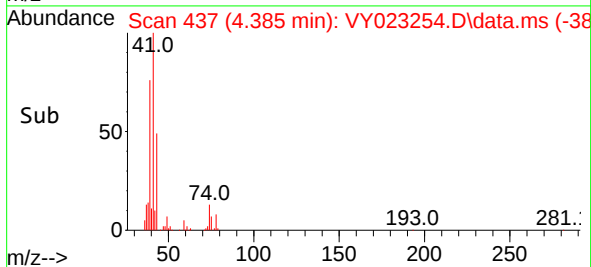
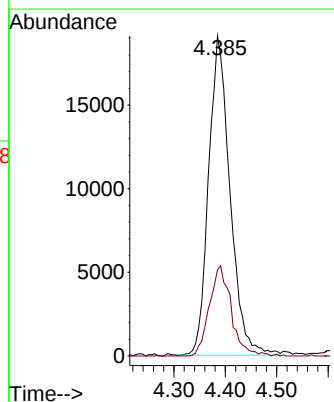
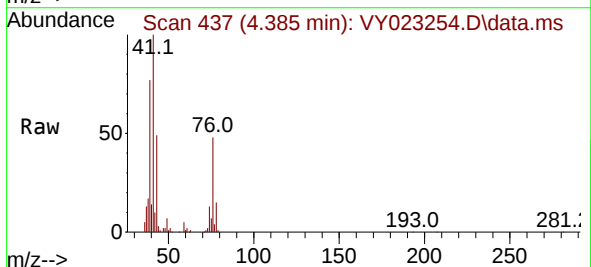
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 76 Resp: 285706
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 19.687 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 43 Resp: 55207
Ion Ratio Lower Upper
43 100
74 28.8 21.2 31.8

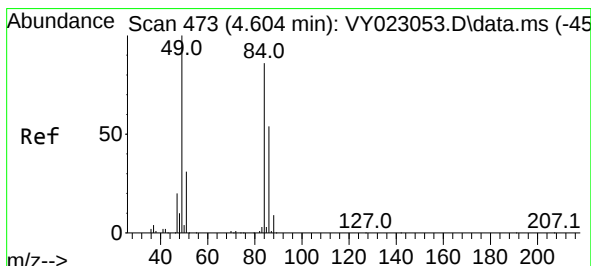
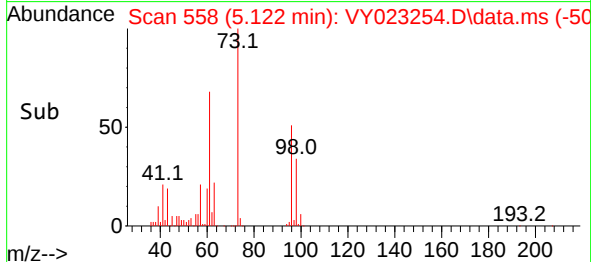
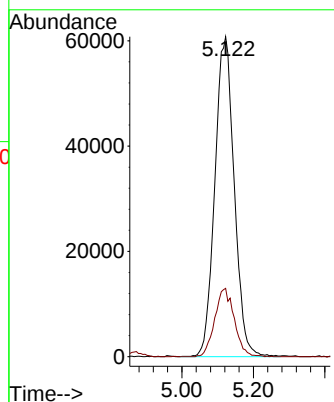
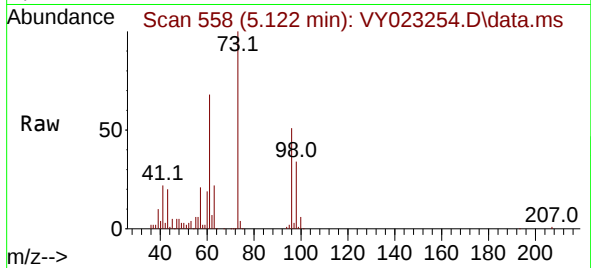




#19
Methyl tert-butyl Ether
Concen: 20.025 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

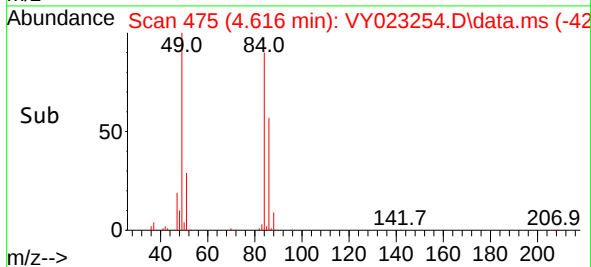
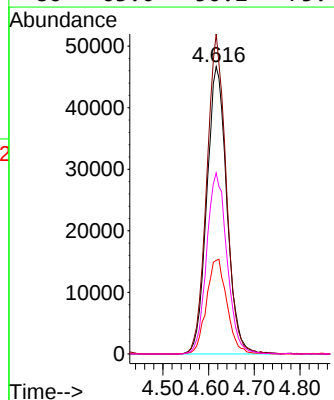
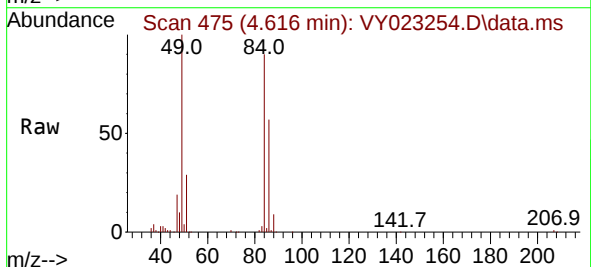
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

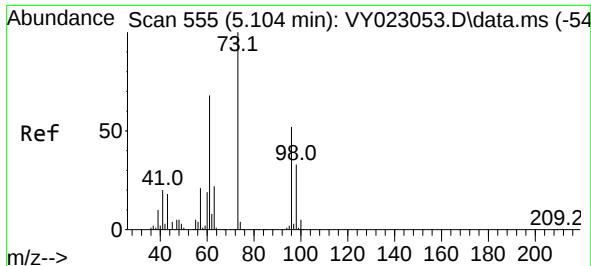
Tgt Ion: 73 Resp: 228215
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 27.764 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 84 Resp: 141871
Ion Ratio Lower Upper
84 100
49 111.4 93.0 139.6
51 32.5 29.0 43.4
86 63.0 50.2 75.4

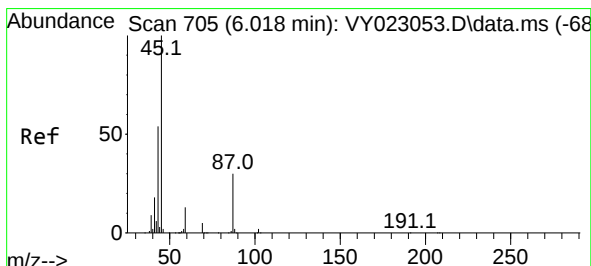
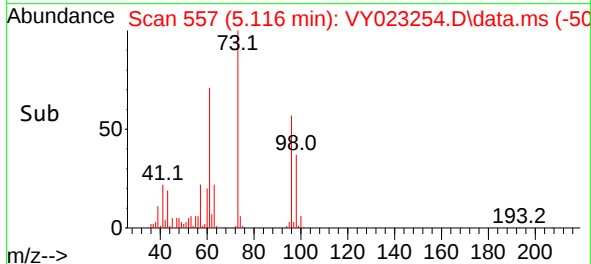
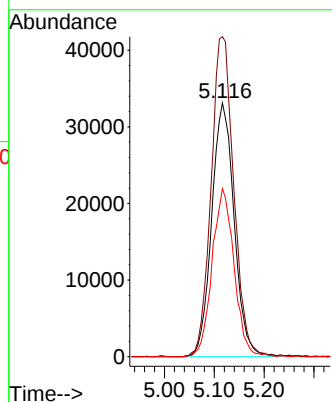
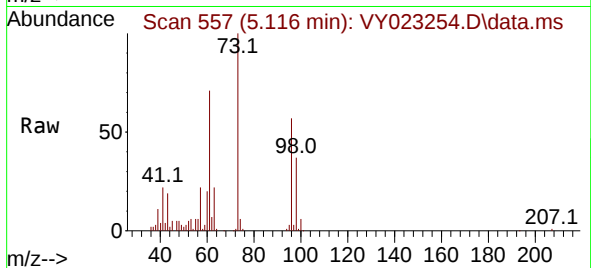




#21
trans-1,2-Dichloroethene
Concen: 20.973 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

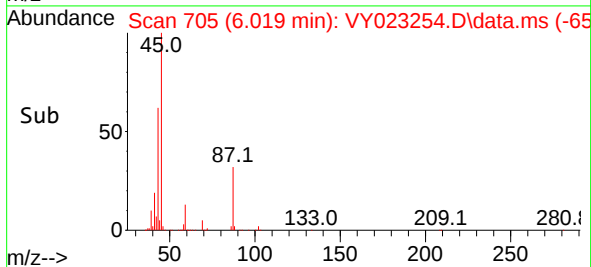
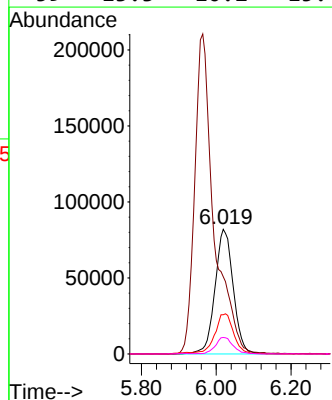
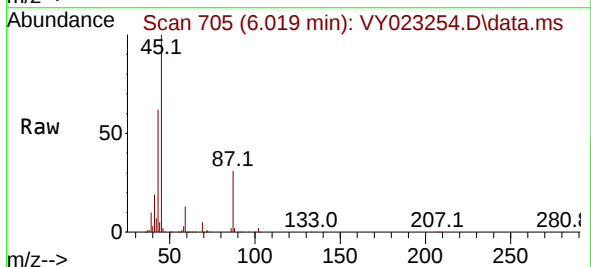
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 96 Resp: 103658
Ion Ratio Lower Upper
96 100
61 126.1 104.8 157.2
98 66.2 50.1 75.1



#22
Diisopropyl ether
Concen: 19.746 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 45 Resp: 277677
Ion Ratio Lower Upper
45 100
43 61.6 43.4 65.0
87 31.5 24.4 36.6
59 13.3 10.2 15.4

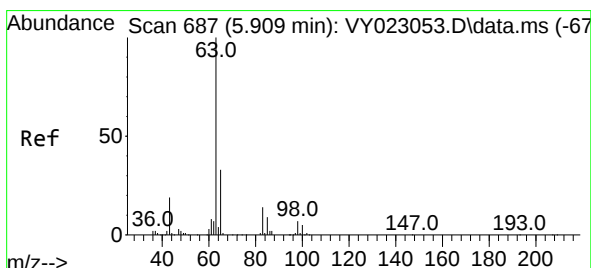
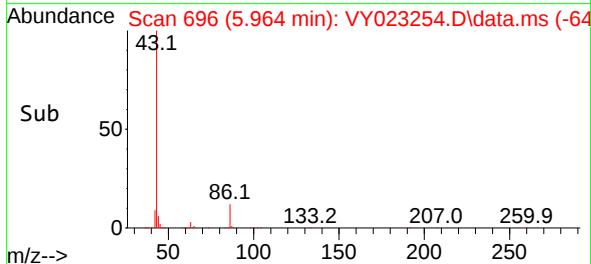
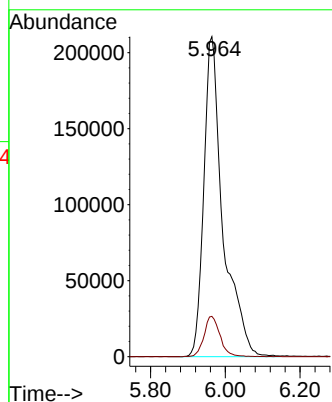
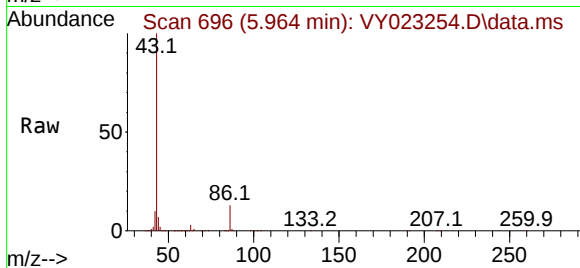




#23
 Vinyl Acetate
 Concen: 96.356 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023254.D
 Acq: 02 Sep 2025 10:32

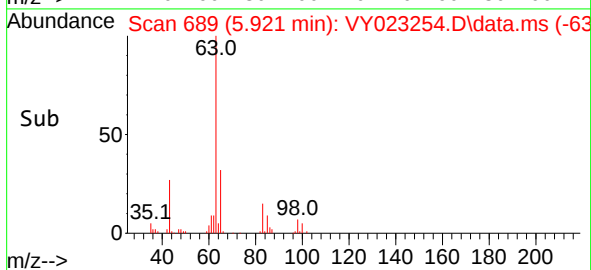
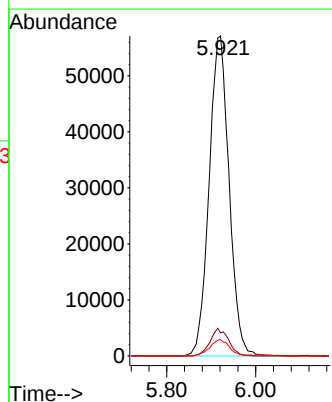
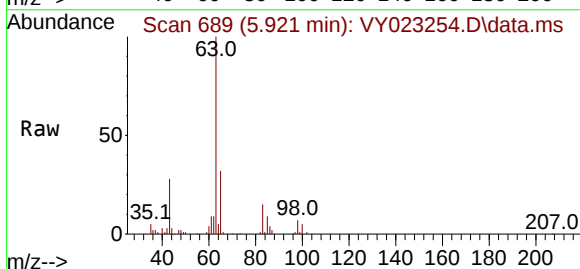
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0902SBS01

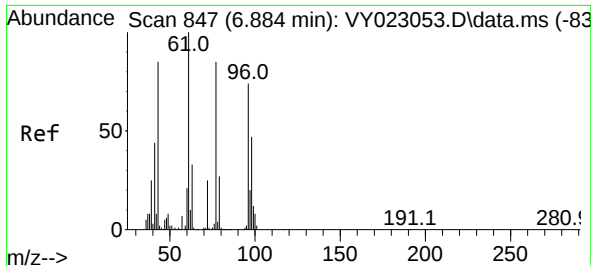
Tgt Ion: 43 Resp: 749248
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.723 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023254.D
 Acq: 02 Sep 2025 10:32

Tgt Ion: 63 Resp: 178165
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 5.1 2.4 7.1

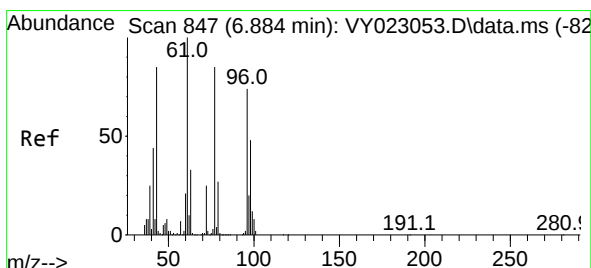
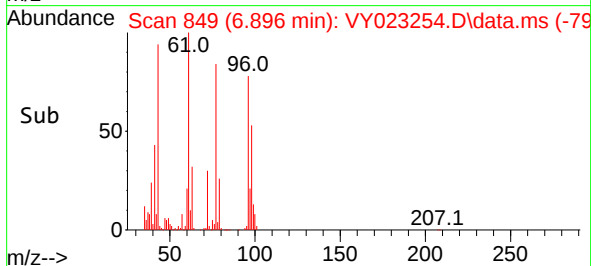
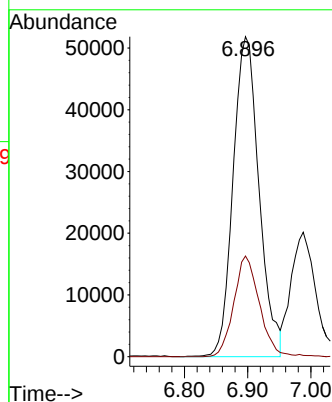
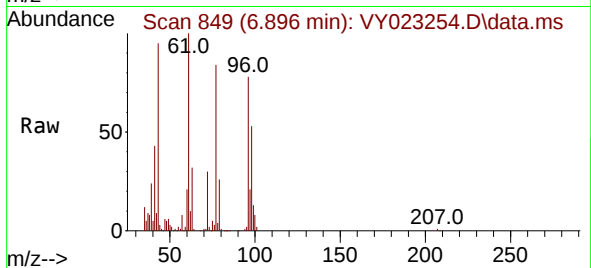




#25
2-Butanone
Concen: 115.409 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

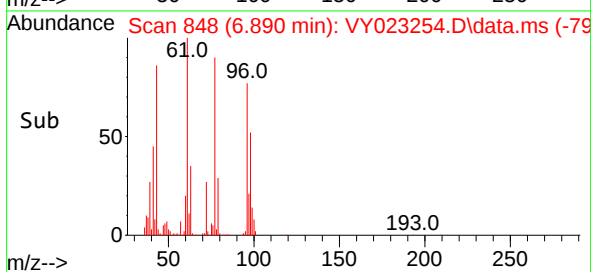
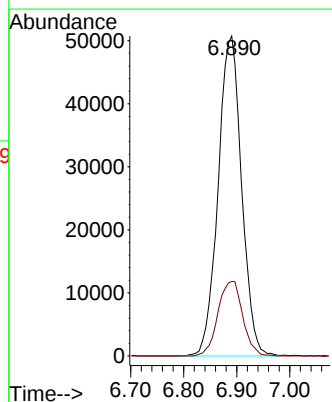
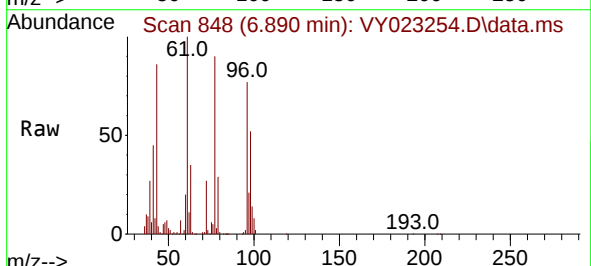
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 43 Resp: 147913
Ion Ratio Lower Upper
43 100
72 31.4 23.5 35.3



#26
2,2-Dichloropropane
Concen: 21.020 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 77 Resp: 155939
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 21.274 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

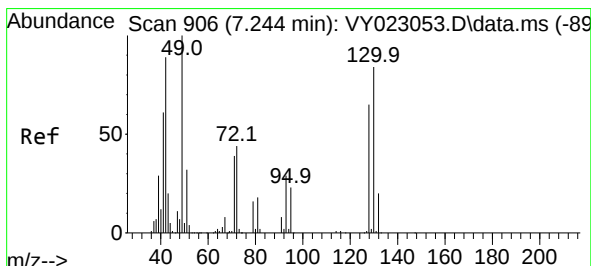
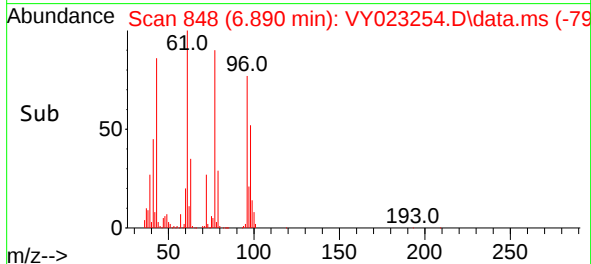
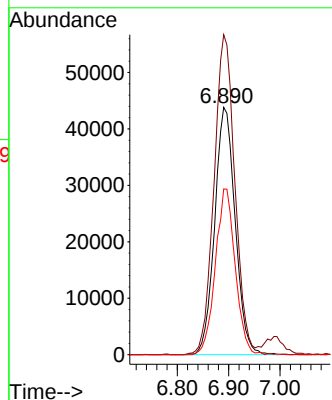
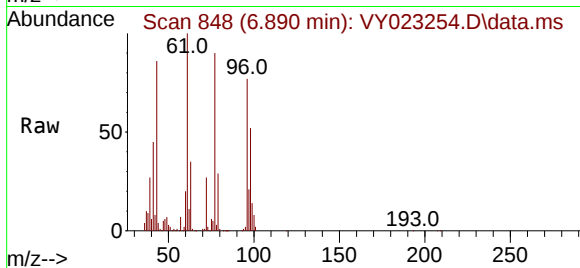
Tgt Ion: 96 Resp: 121553

Ion Ratio Lower Upper

96 100

61 130.9 0.0 278.6

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 21.725 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

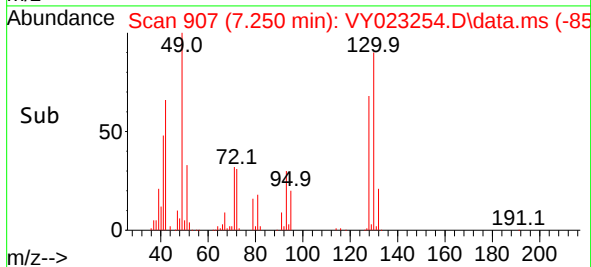
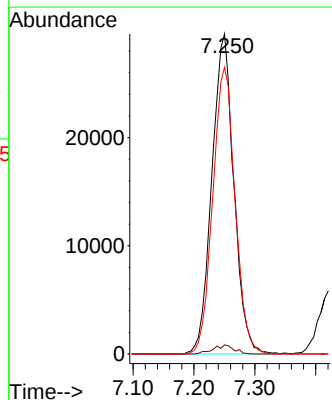
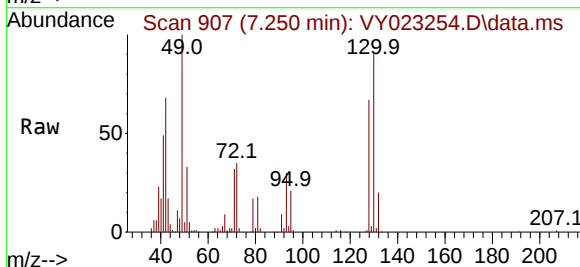
Tgt Ion: 49 Resp: 74105

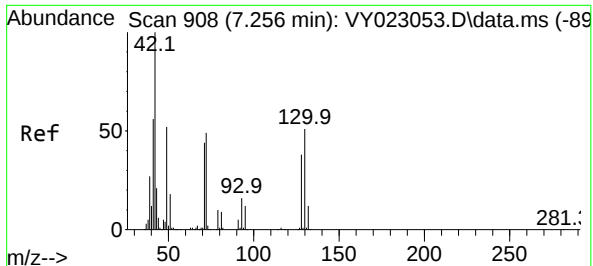
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 90.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 98.840 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

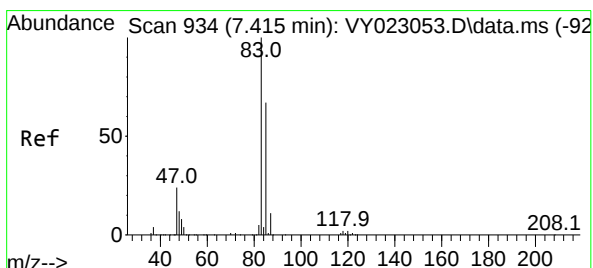
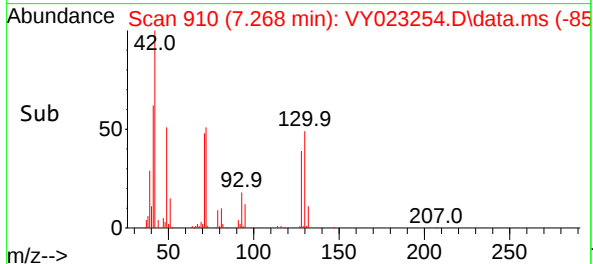
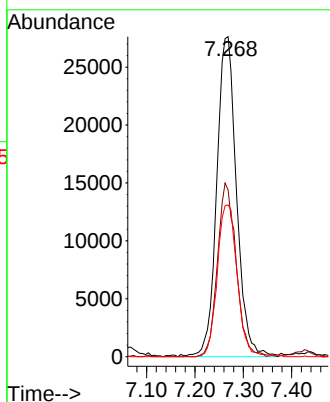
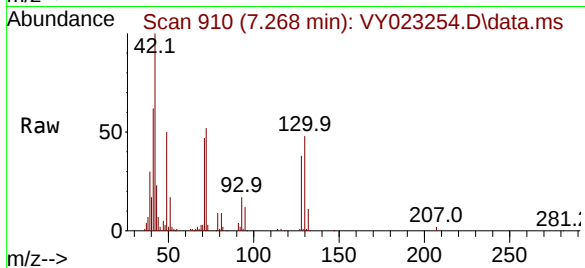
Tgt Ion: 42 Resp: 78522

Ion Ratio Lower Upper

42 100

72 51.2 39.4 59.2

71 47.5 36.5 54.7



#30

Chloroform

Concen: 21.783 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023254.D

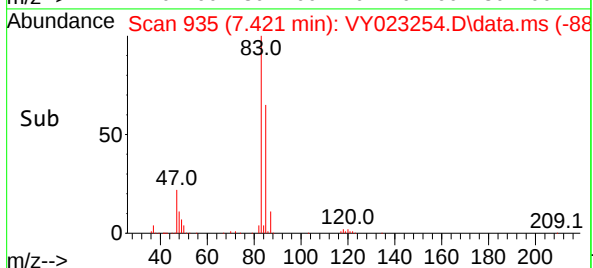
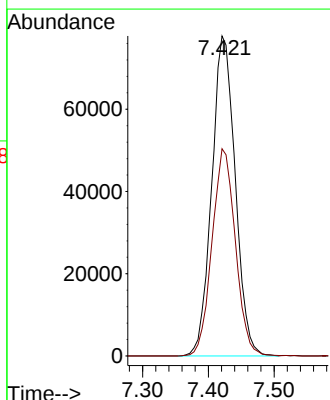
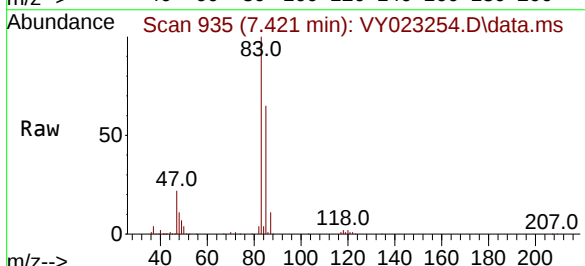
Acq: 02 Sep 2025 10:32

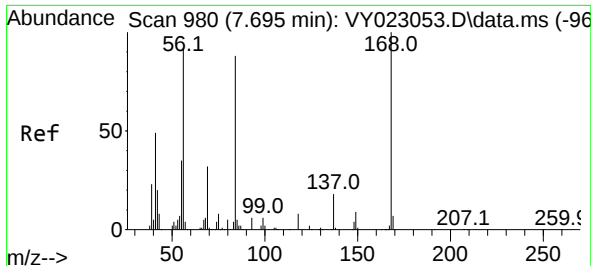
Tgt Ion: 83 Resp: 193153

Ion Ratio Lower Upper

83 100

85 64.8 53.8 80.8

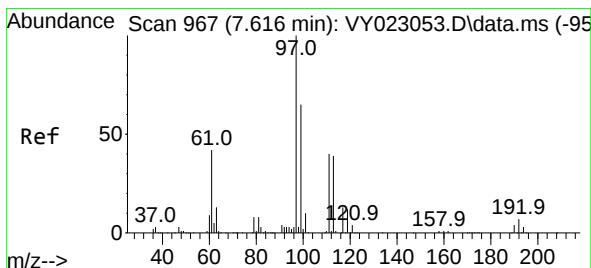
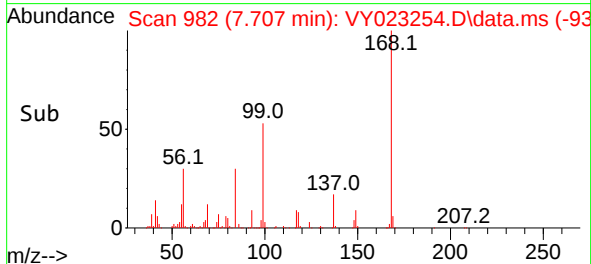
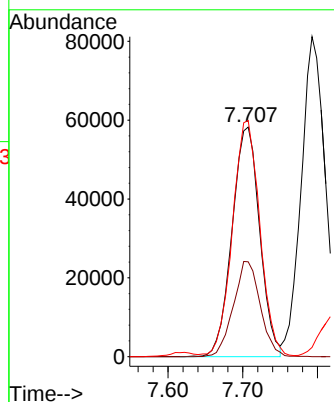
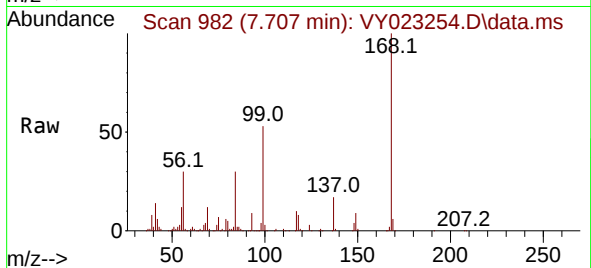




#31
Cyclohexane
Concen: 18.508 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

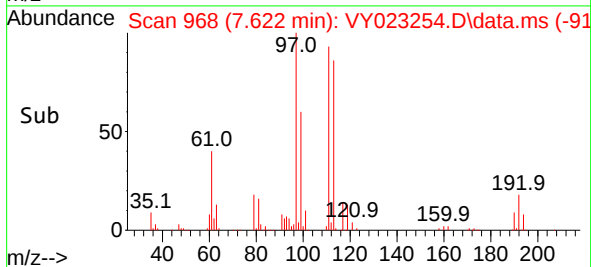
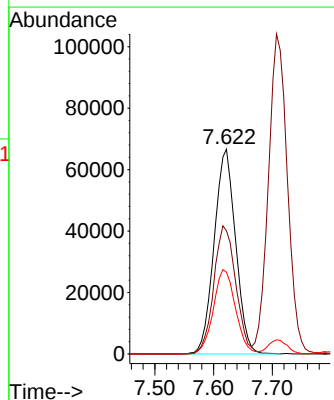
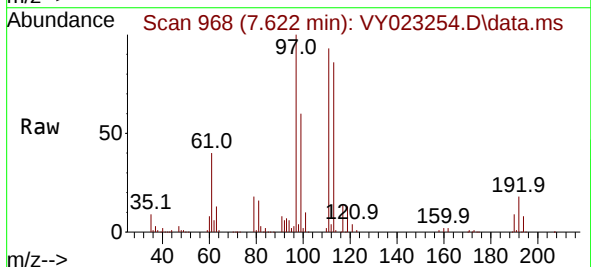
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 56 Resp: 149954
Ion Ratio Lower Upper
56 100
69 41.3 28.2 42.2
84 101.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.498 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 97 Resp: 169137
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.146 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

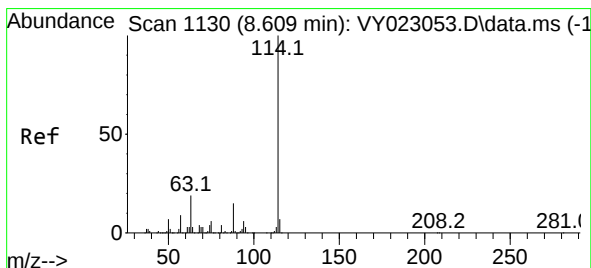
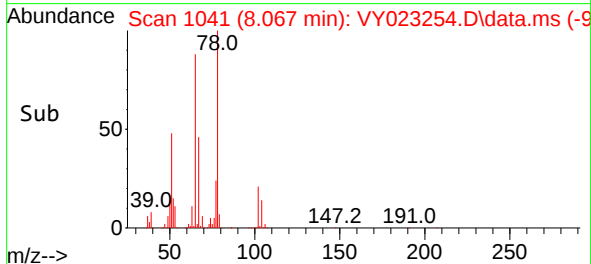
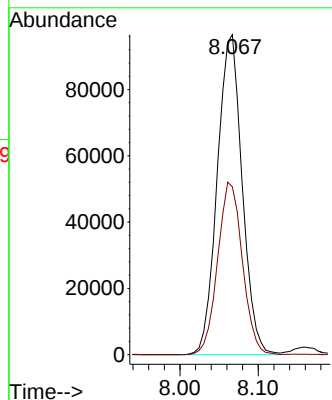
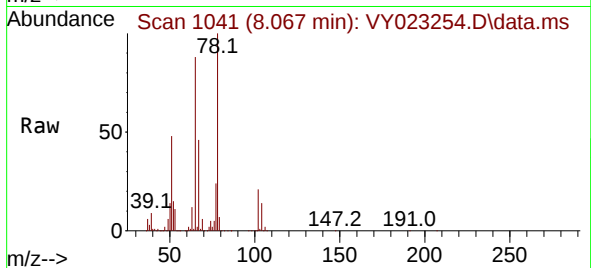
VY0902SBS01

Tgt Ion: 65 Resp: 213772

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

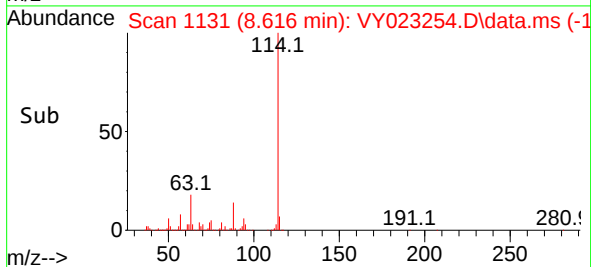
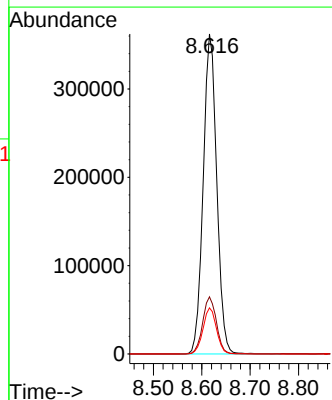
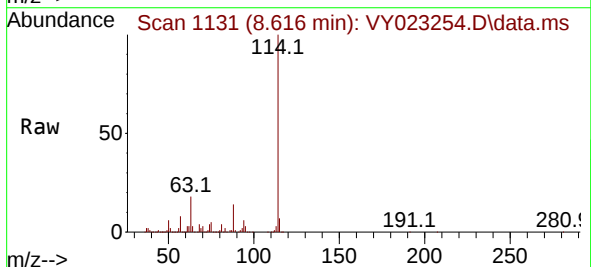
Tgt Ion: 114 Resp: 704595

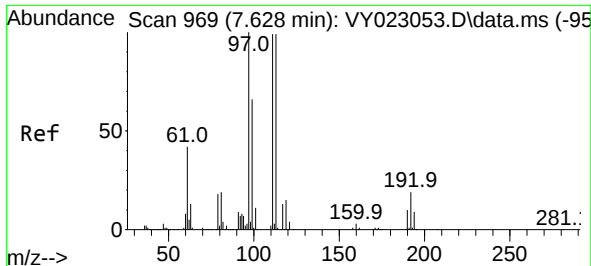
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 14.4 0.0 30.0

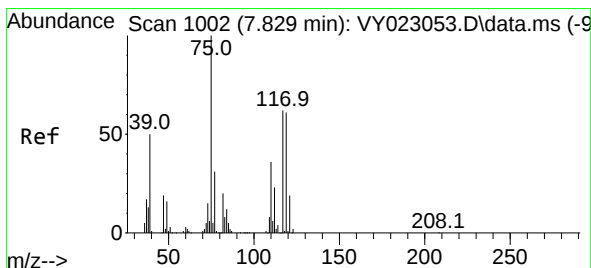
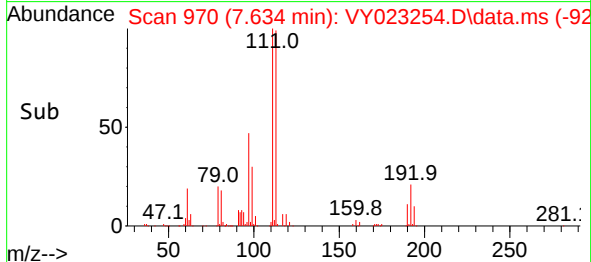
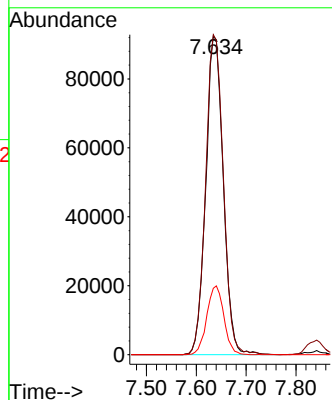
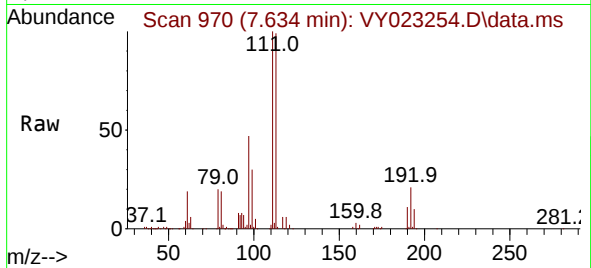




#35
Dibromofluoromethane
Concen: 53.341 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

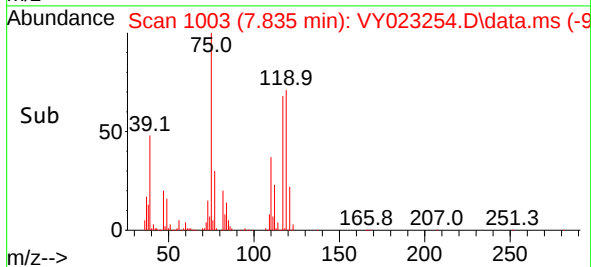
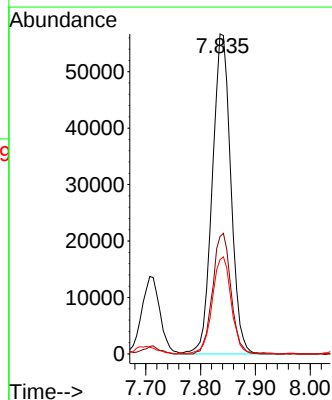
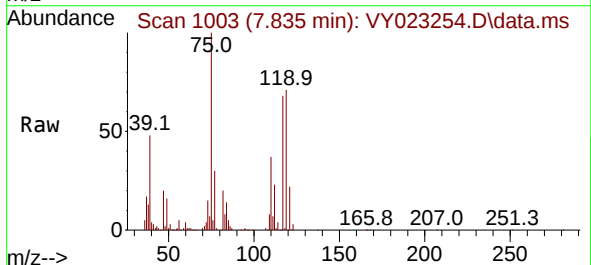
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

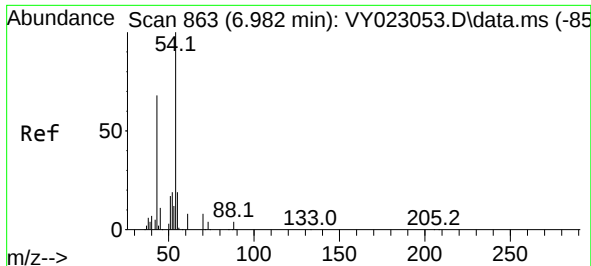
Tgt Ion:113 Resp: 224889
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 21.191 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 75 Resp: 132778
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.4
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 21.000 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

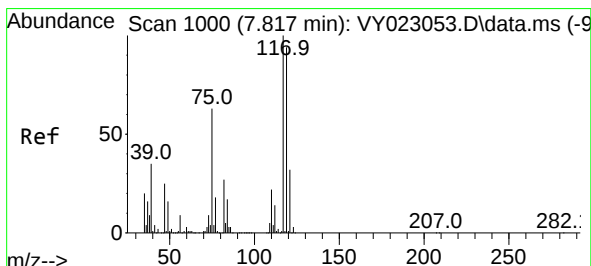
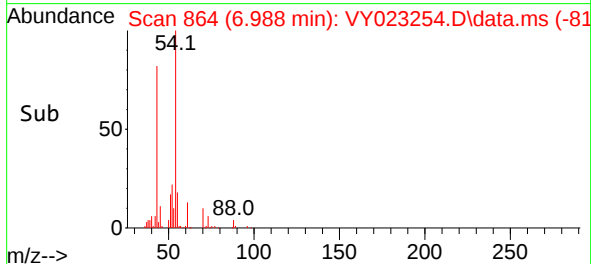
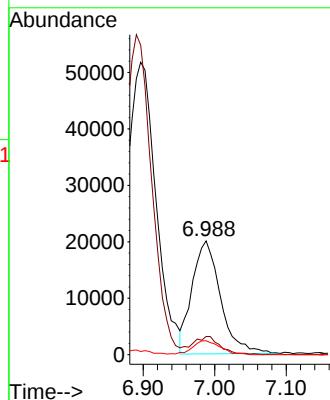
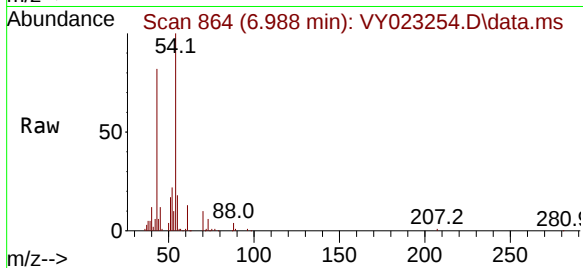
Tgt Ion: 43 Resp: 55273

Ion Ratio Lower Upper

43 100

61 14.1 11.9 17.9

70 12.1 8.8 13.2



#38

Carbon Tetrachloride

Concen: 22.502 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

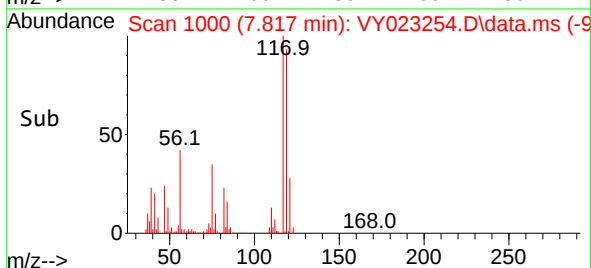
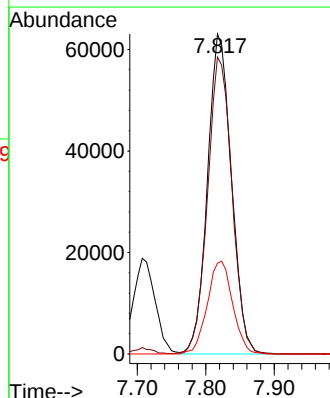
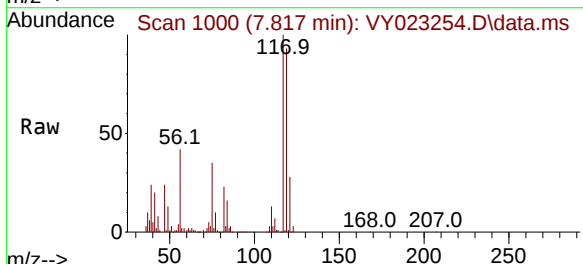
Tgt Ion: 117 Resp: 153135

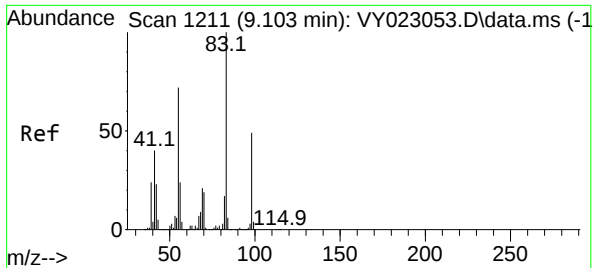
Ion Ratio Lower Upper

117 100

119 92.8 75.6 113.4

121 28.3 25.8 38.8

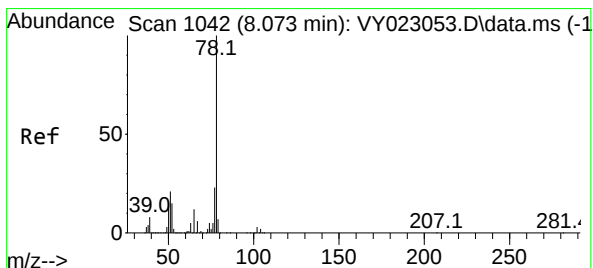
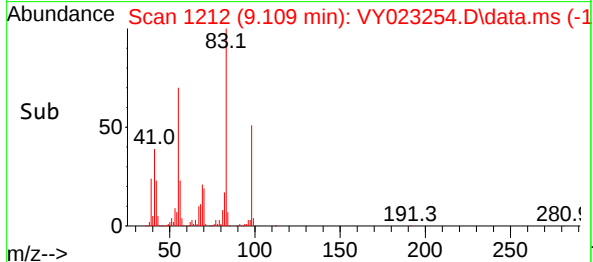
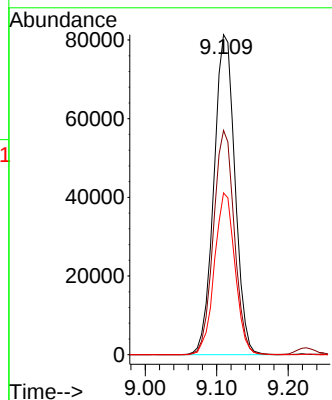
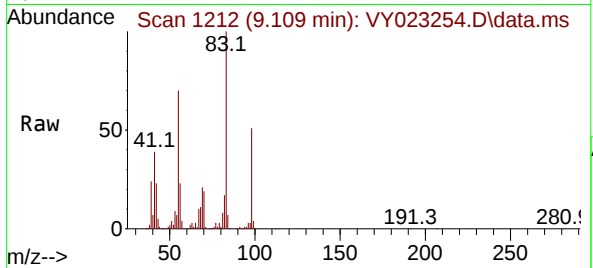




#39
Methylcyclohexane
Concen: 20.209 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

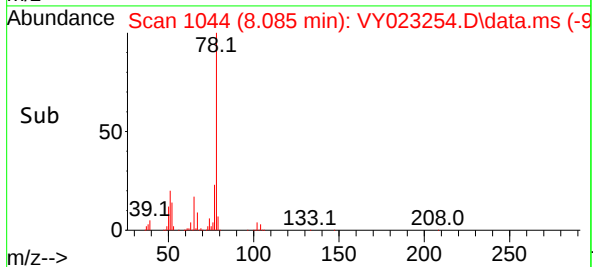
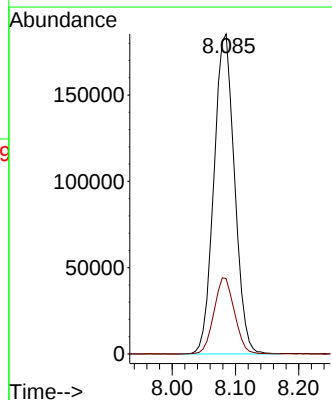
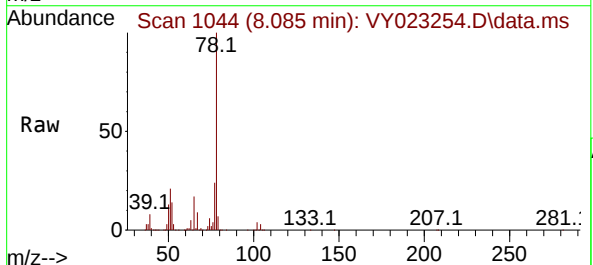
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

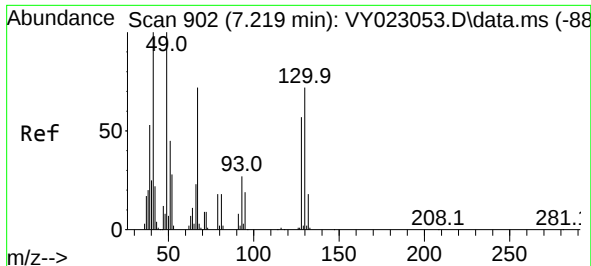
Tgt Ion: 83 Resp: 166749
Ion Ratio Lower Upper
83 100
55 70.1 57.6 86.4
98 50.6 39.2 58.8



#40
Benzene
Concen: 21.771 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 78 Resp: 420440
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0



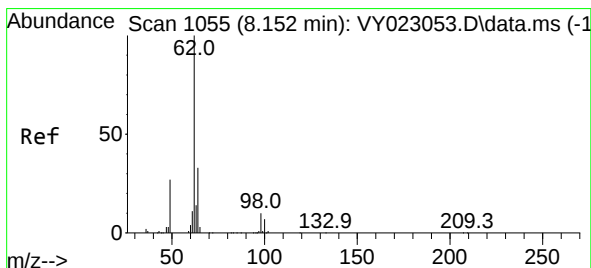
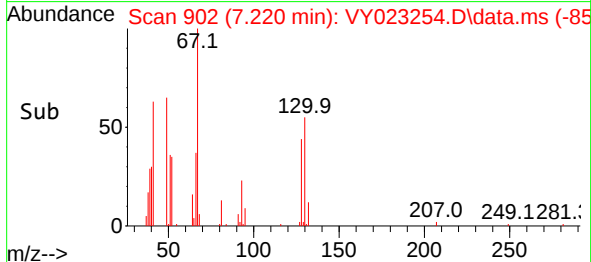
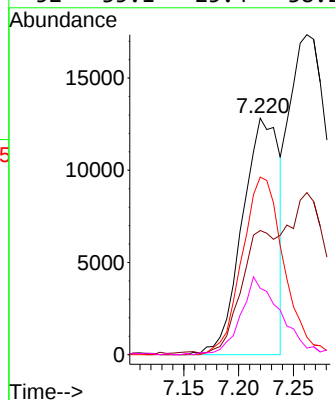
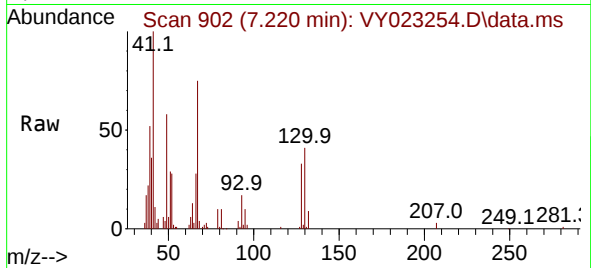


#41
Methacrylonitrile
Concen: 19.825 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 41 Resp: 30115

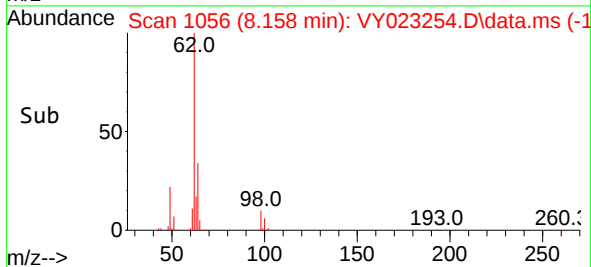
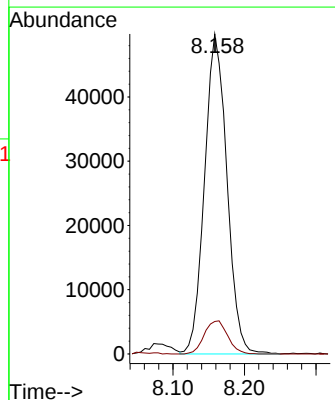
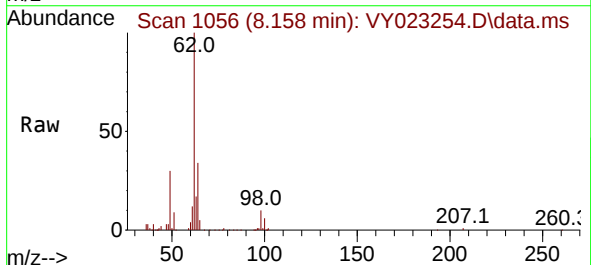
Ion	Ratio	Lower	Upper
41	100		
39	45.5	43.4	65.2
67	84.4	63.6	95.4
52	35.1	25.4	38.2



#42
1,2-Dichloroethane
Concen: 21.566 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 62 Resp: 108316

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6

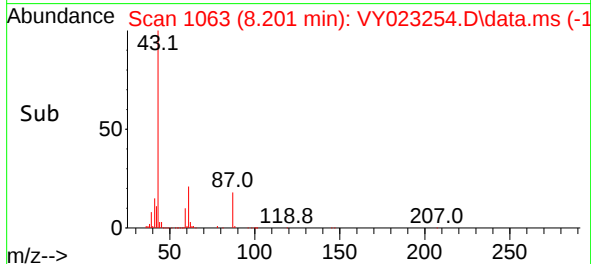
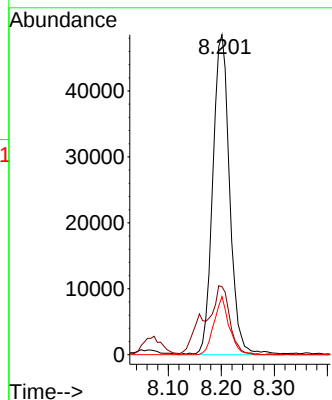
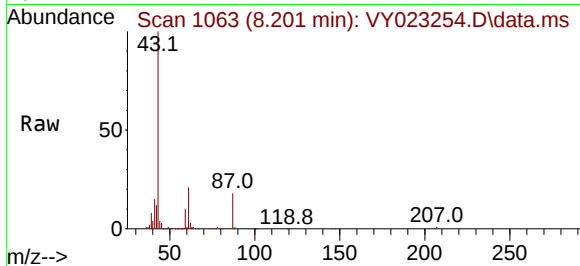




#43
Isopropyl Acetate
Concen: 20.159 ug/l
RT: 8.201 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

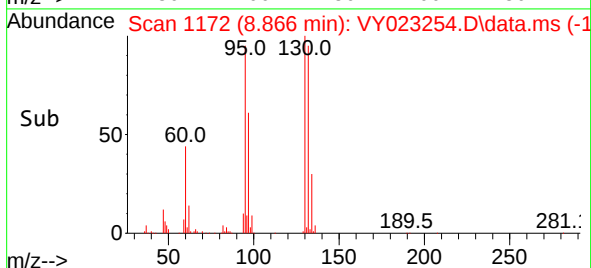
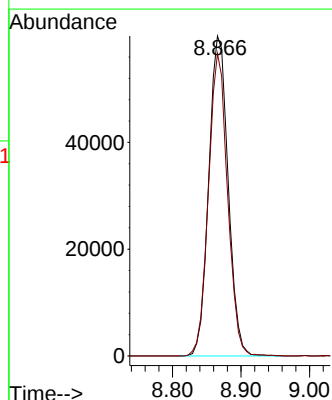
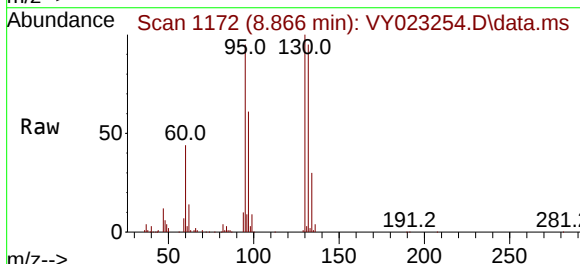
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 43 Resp: 107240
Ion Ratio Lower Upper
43 100
61 22.4 16.4 24.6
87 16.2 11.8 17.6



#44
Trichloroethene
Concen: 23.555 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion:130 Resp: 117554
Ion Ratio Lower Upper
130 100
95 94.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 21.834 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

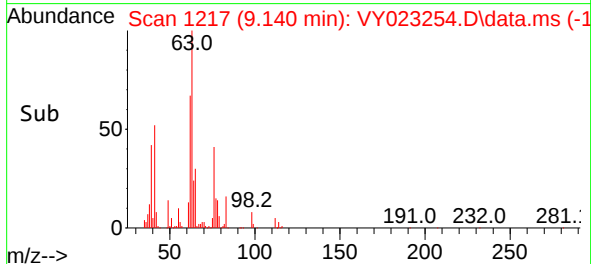
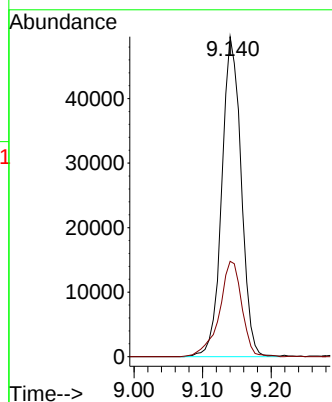
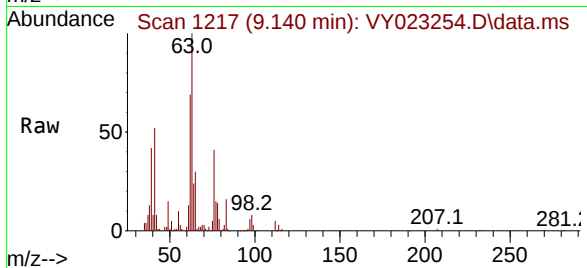
VY0902SBS01

Tgt Ion: 63 Resp: 97017

Ion Ratio Lower Upper

63 100

65 29.8 25.3 37.9



#46

Dibromomethane

Concen: 22.720 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

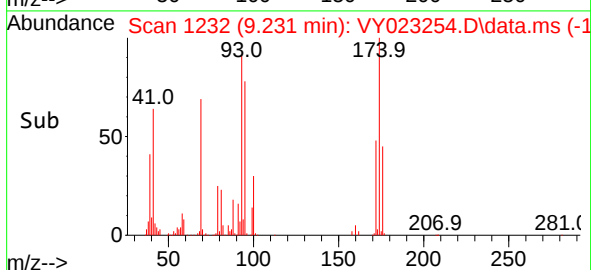
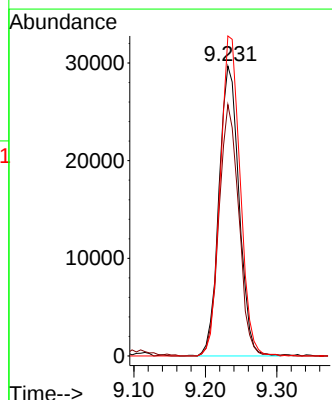
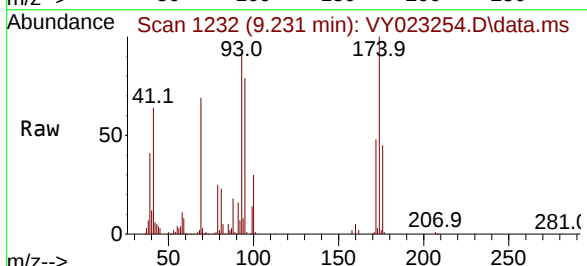
Tgt Ion: 93 Resp: 57944

Ion Ratio Lower Upper

93 100

95 85.2 66.5 99.7

174 109.5 81.8 122.8

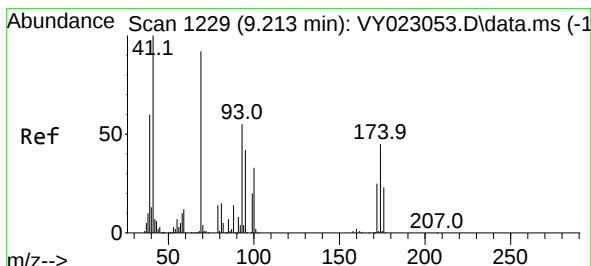
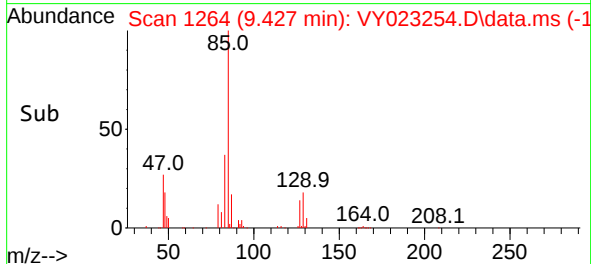
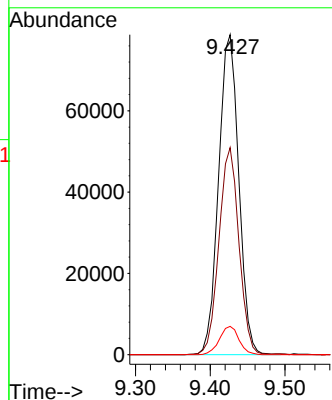
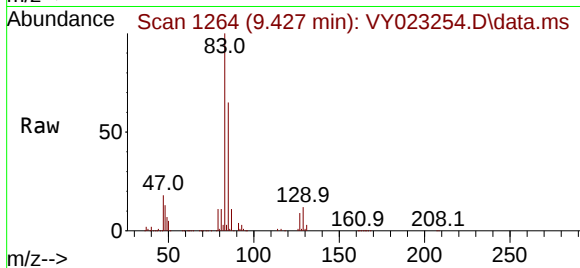




#47
Bromodichloromethane
Concen: 22.508 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

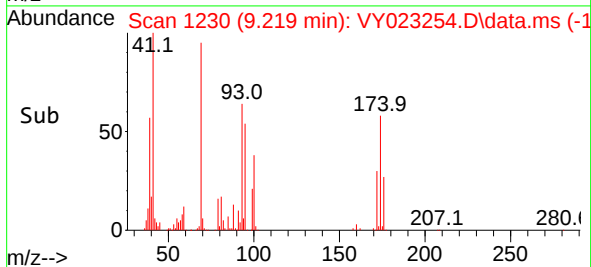
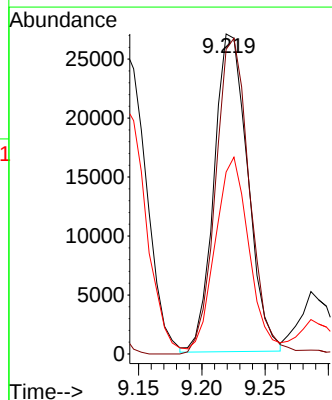
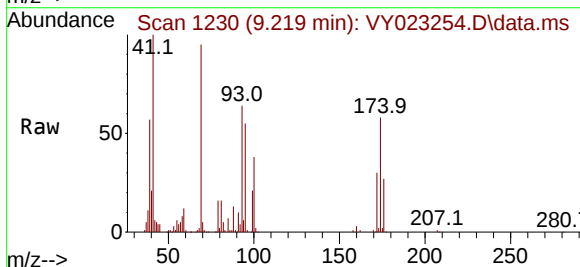
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 83 Resp: 147709
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 19.654 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 41 Resp: 50031
Ion Ratio Lower Upper
41 100
69 100.6 73.2 109.8
39 59.4 47.0 70.4





#49

1,4-Dioxane

Concen: 422.484 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

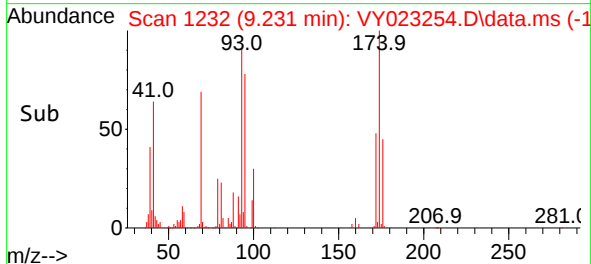
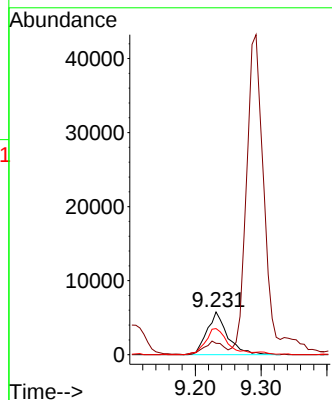
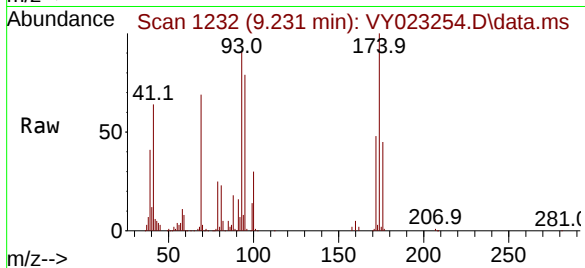
Tgt Ion: 88 Resp: 12634

Ion Ratio Lower Upper

88 100

43 28.4 24.3 36.5

58 65.4 55.4 83.0



#50

Toluene-d8

Concen: 51.862 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023254.D

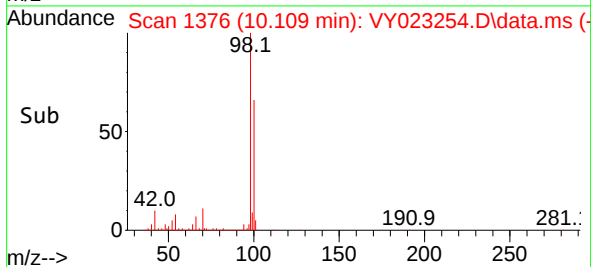
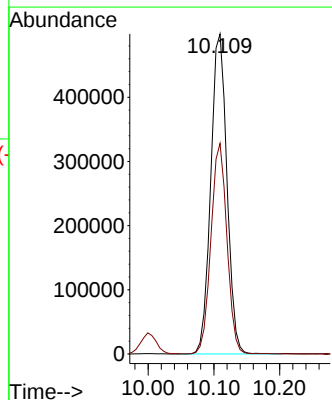
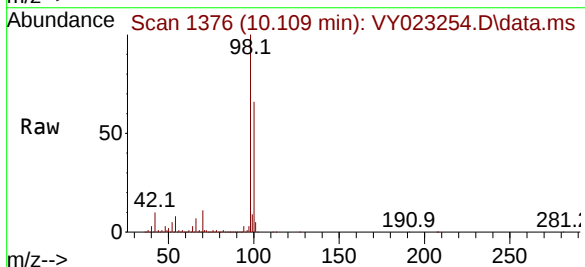
Acq: 02 Sep 2025 10:32

Tgt Ion: 98 Resp: 854184

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

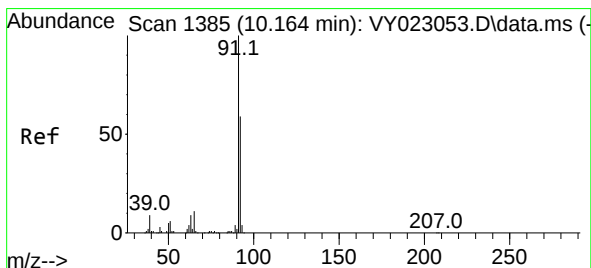
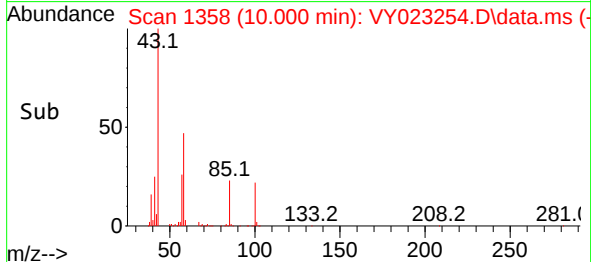
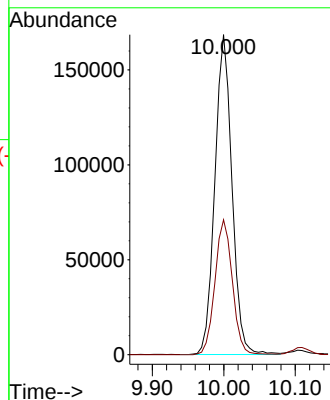
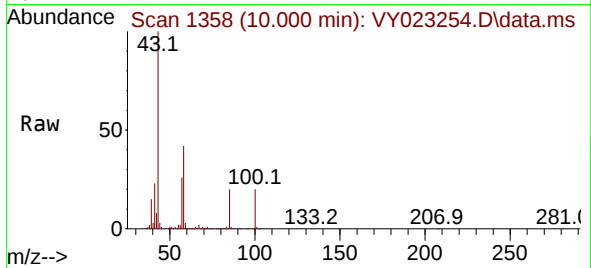




#51
4-Methyl-2-Pentanone
Concen: 102.011 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

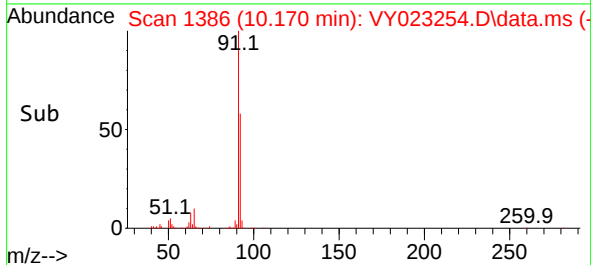
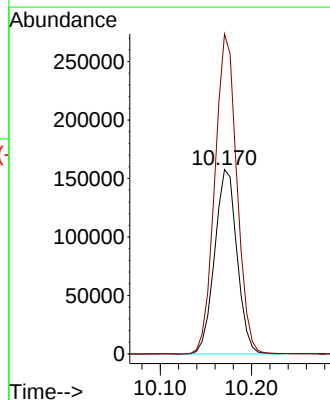
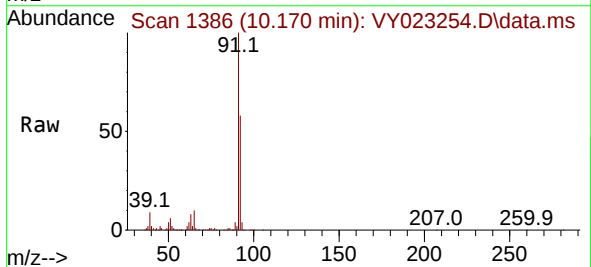
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

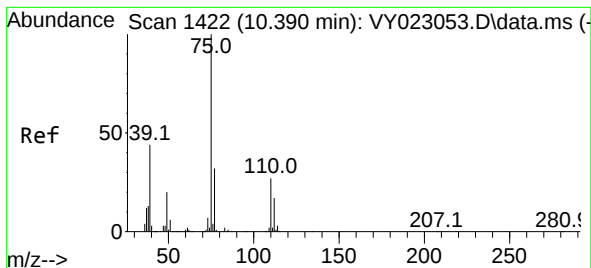
Tgt Ion: 43 Resp: 279928
Ion Ratio Lower Upper
43 100
58 43.0 33.5 50.3



#52
Toluene
Concen: 21.808 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 92 Resp: 267478
Ion Ratio Lower Upper
92 100
91 171.8 136.4 204.6

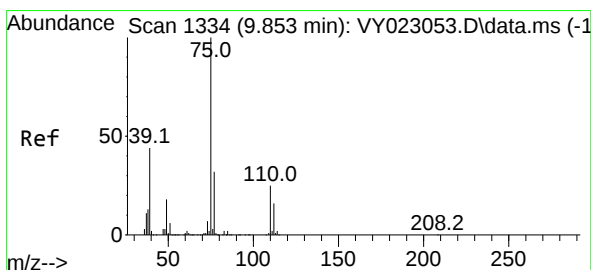
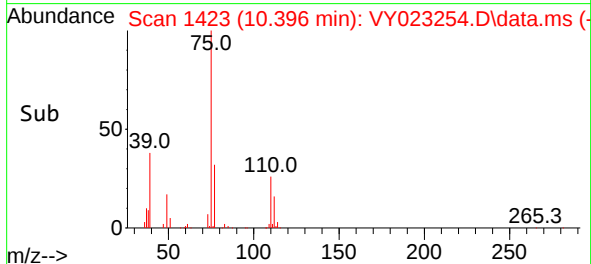
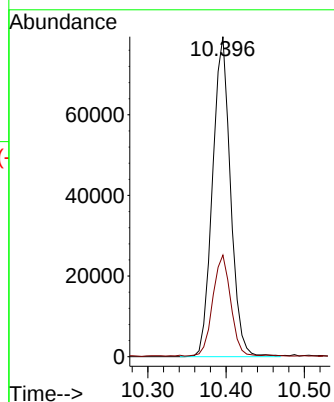
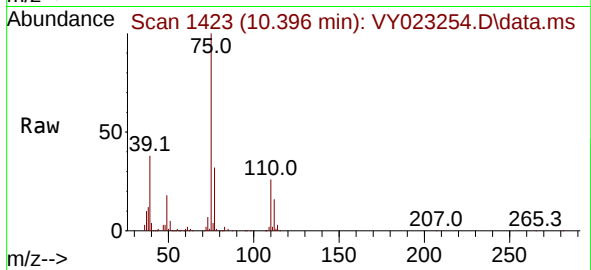




#53
t-1,3-Dichloropropene
Concen: 21.297 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

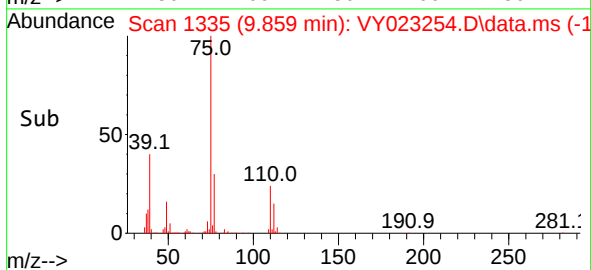
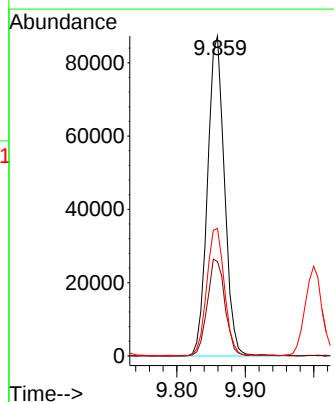
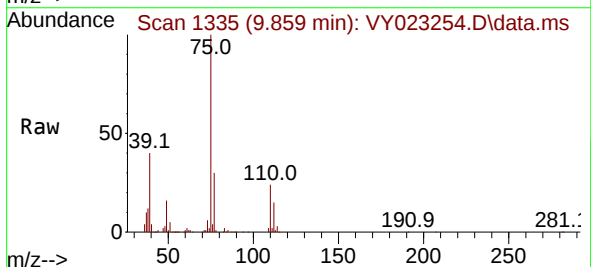
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

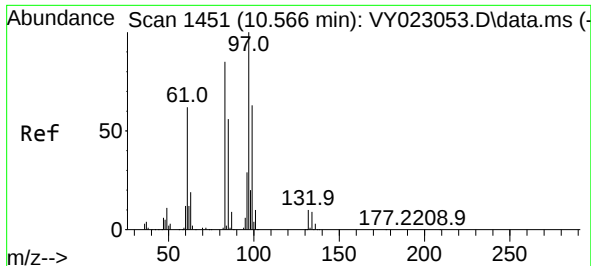
Tgt Ion: 75 Resp: 126561
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 21.387 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 75 Resp: 150288
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0
39 39.8 35.6 53.4



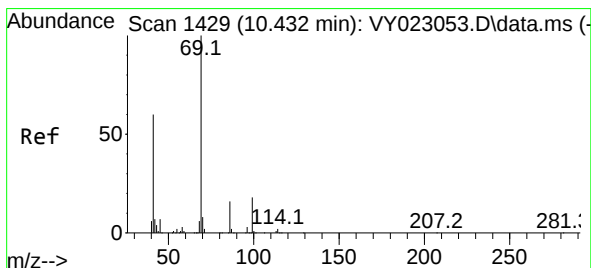
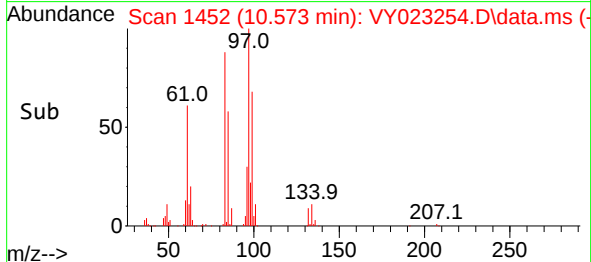
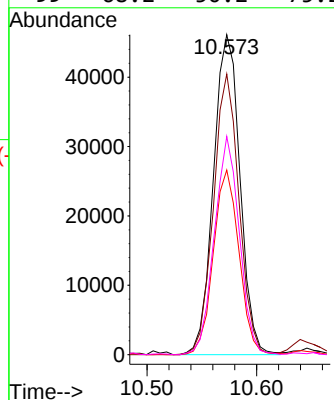
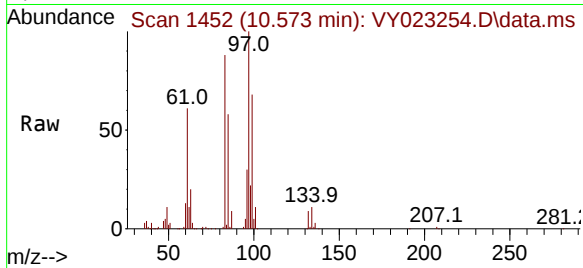


#55
1,1,2-Trichloroethane
Concen: 22.778 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 97 Resp: 77733

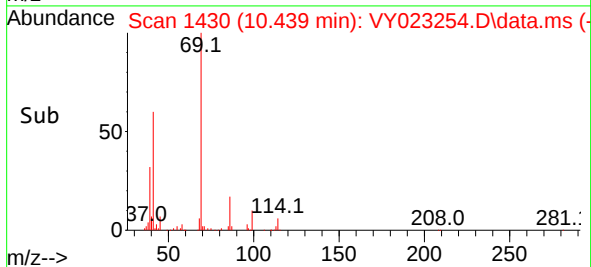
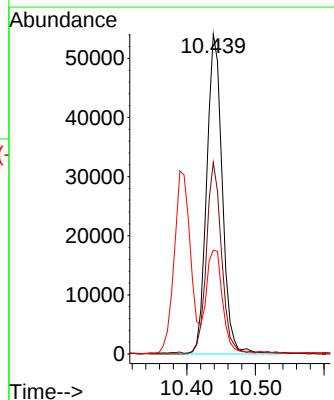
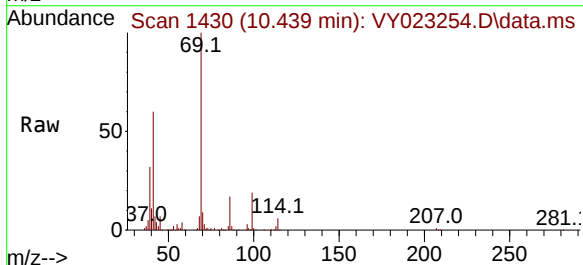
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.7	101.5
85	57.7	44.5	66.7
99	68.2	50.2	75.2

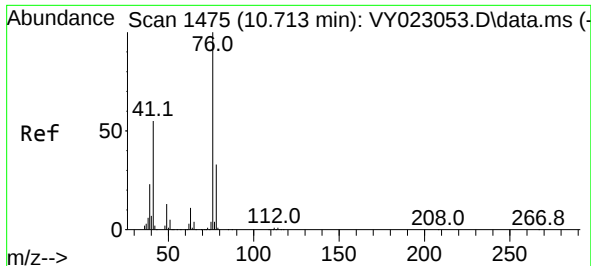


#56
Ethyl methacrylate
Concen: 19.613 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 69 Resp: 85649

Ion	Ratio	Lower	Upper
69	100		
41	57.7	48.6	72.8
39	32.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 22.394 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

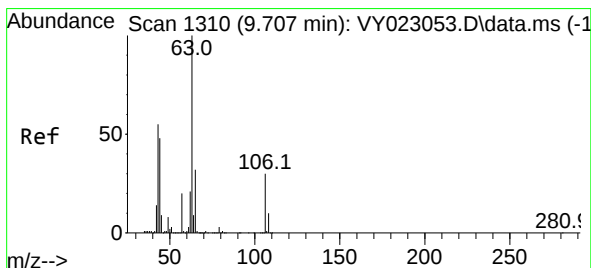
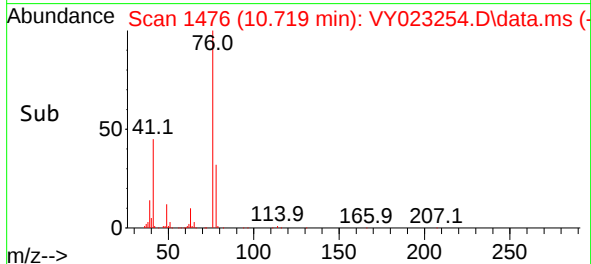
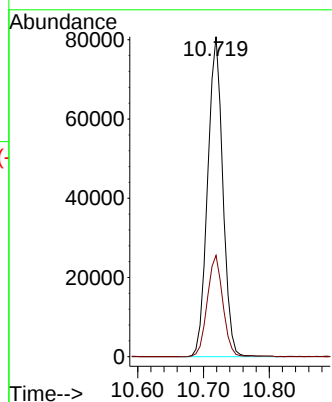
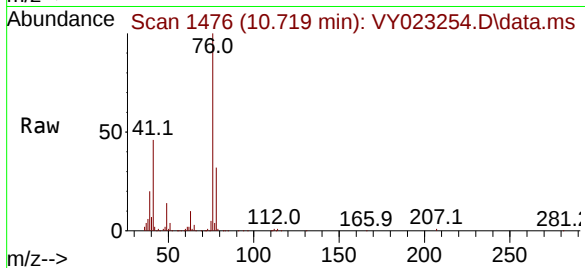
VY0902SBS01

Tgt Ion: 76 Resp: 129608

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 94.292 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023254.D

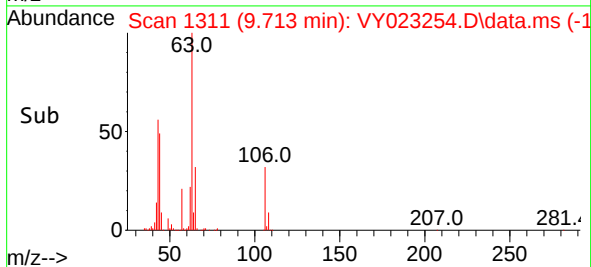
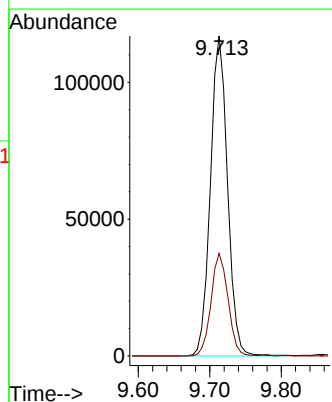
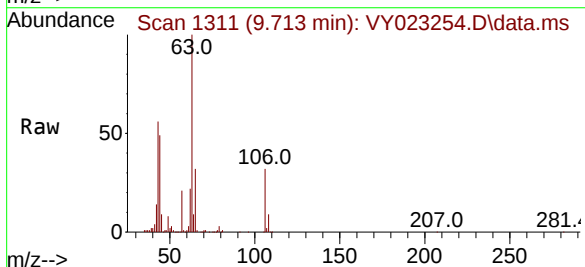
Acq: 02 Sep 2025 10:32

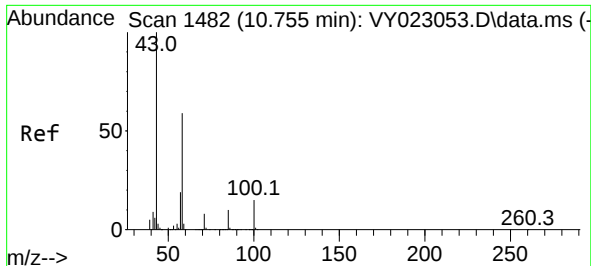
Tgt Ion: 63 Resp: 194228

Ion Ratio Lower Upper

63 100

106 31.7 23.2 34.8

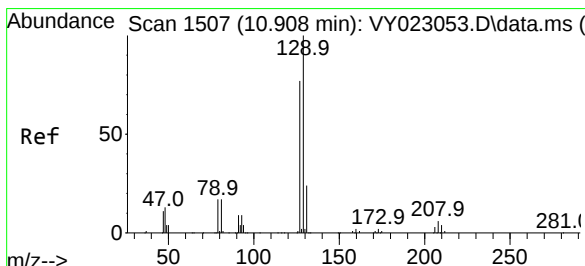
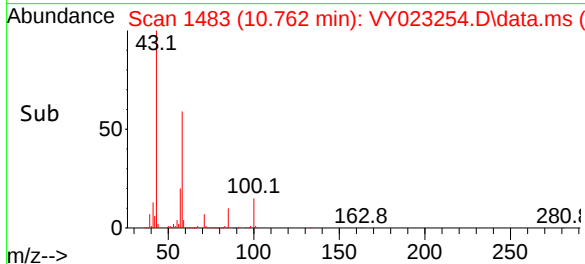
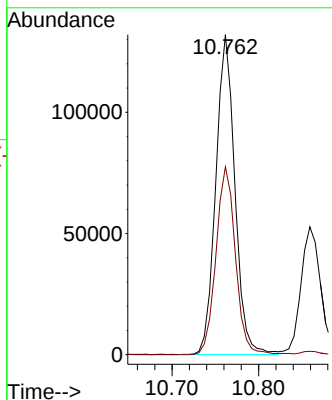
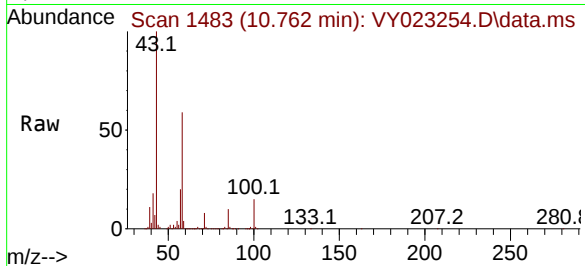




#59
2-Hexanone
Concen: 108.182 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

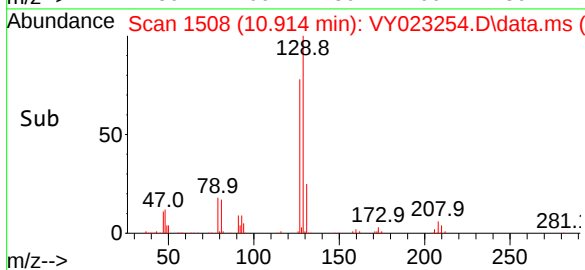
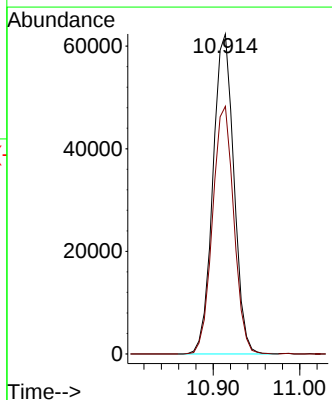
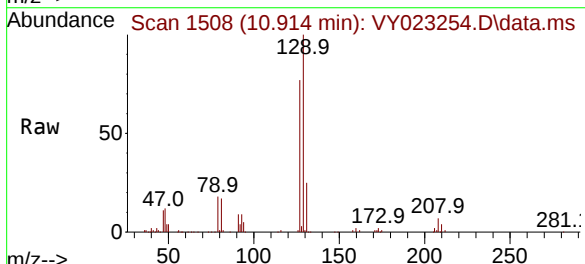
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

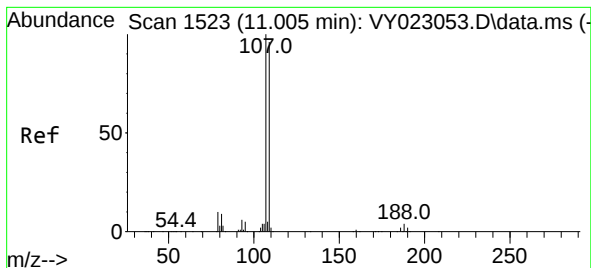
Tgt Ion: 43 Resp: 202142
Ion Ratio Lower Upper
43 100
58 60.0 29.5 88.5



#60
Dibromochloromethane
Concen: 23.267 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 129 Resp: 104774
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

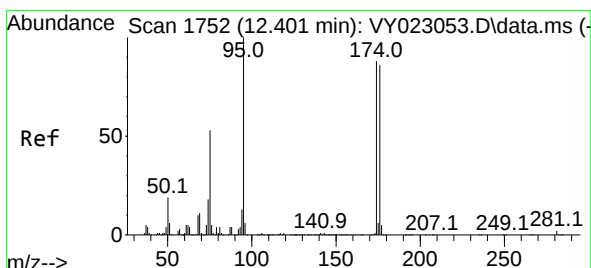
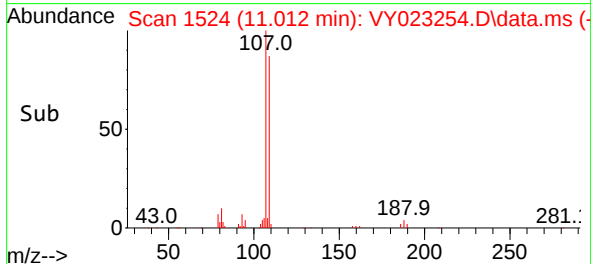
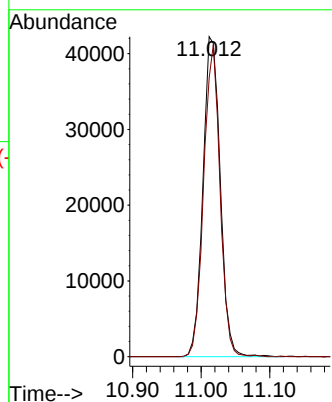
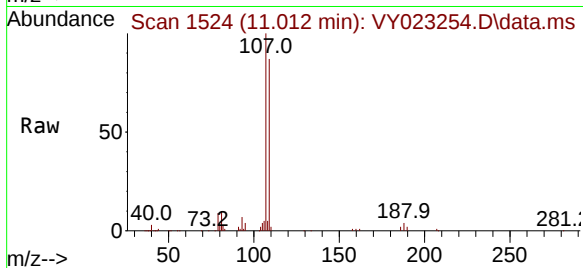




#61
1,2-Dibromoethane
Concen: 23.122 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

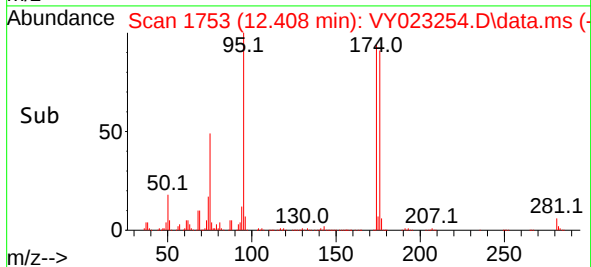
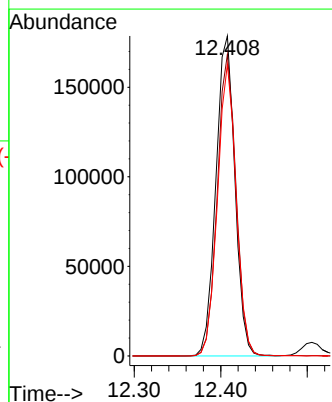
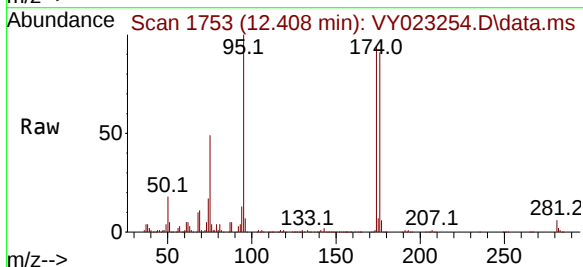
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

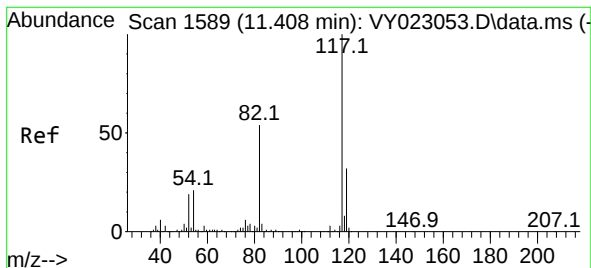
Tgt Ion:107 Resp: 74165
Ion Ratio Lower Upper
107 100
109 92.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.483 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 95 Resp: 272698
Ion Ratio Lower Upper
95 100
174 92.7 0.0 171.6
176 89.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

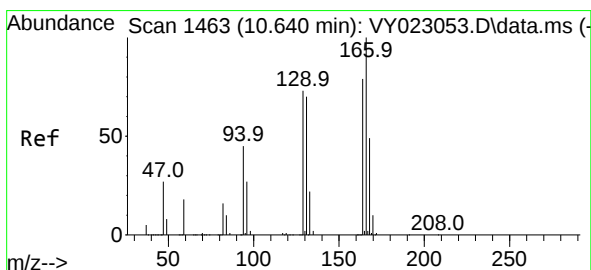
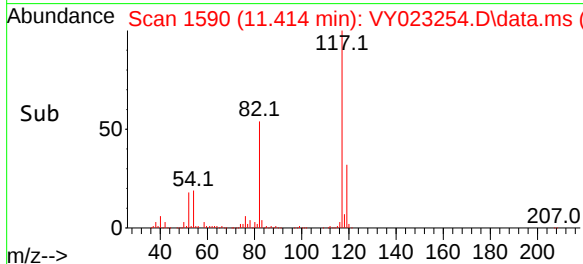
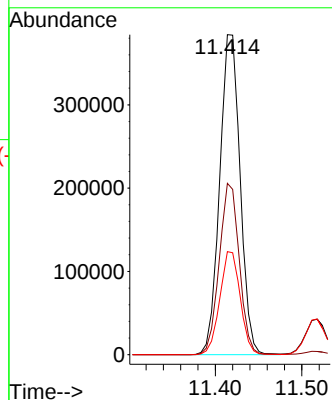
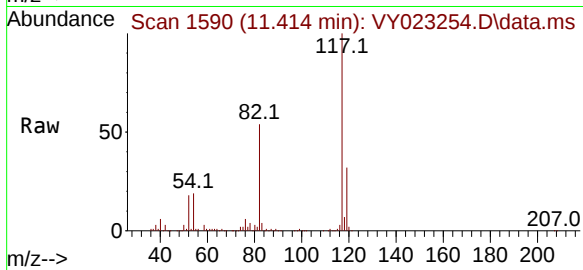
Tgt Ion:117 Resp: 630936

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 25.456 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Tgt Ion:164 Resp: 143416

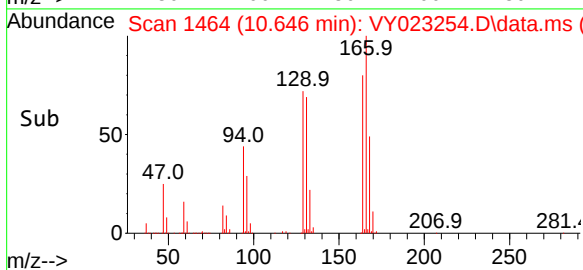
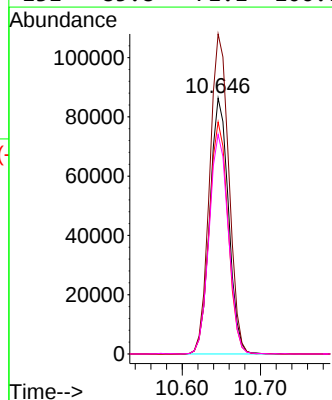
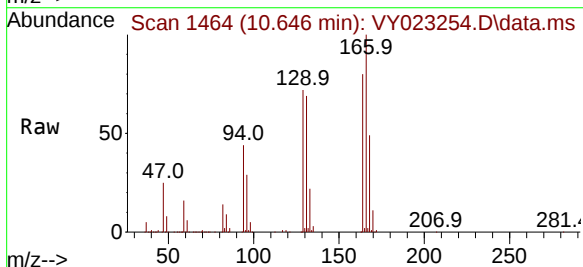
Ion Ratio Lower Upper

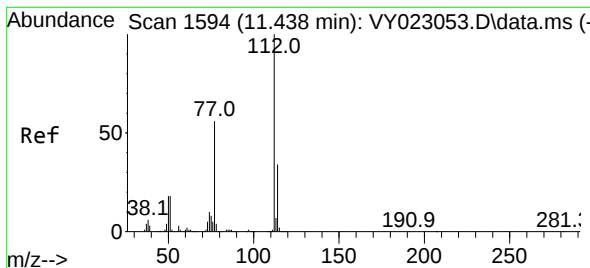
164 100

166 125.1 101.1 151.7

129 90.6 74.0 111.0

131 85.8 71.1 106.7





#65

Chlorobenzene

Concen: 22.040 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

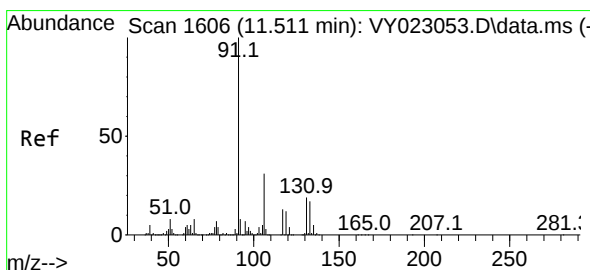
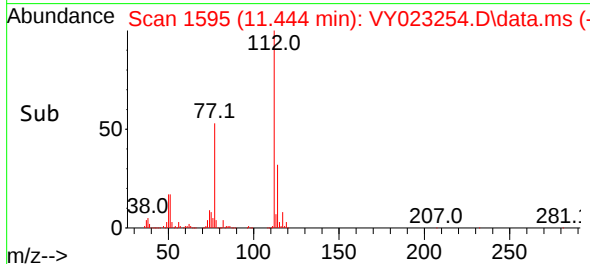
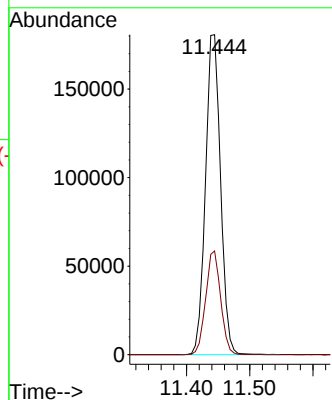
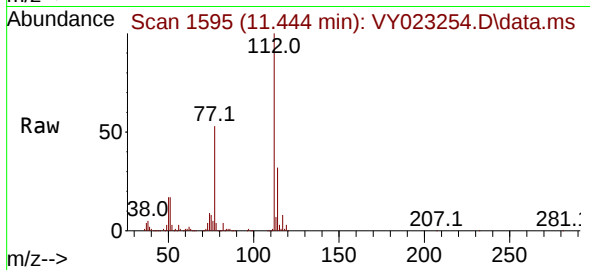
VY0902SBS01

Tgt Ion:112 Resp: 299955

Ion Ratio Lower Upper

112 100

114 32.4 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 23.091 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

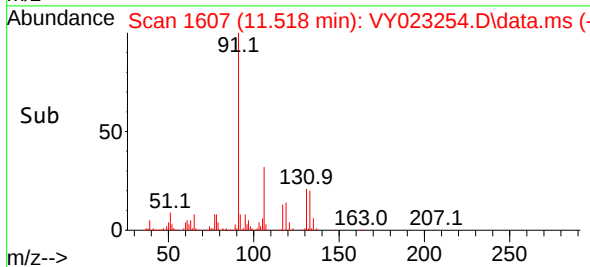
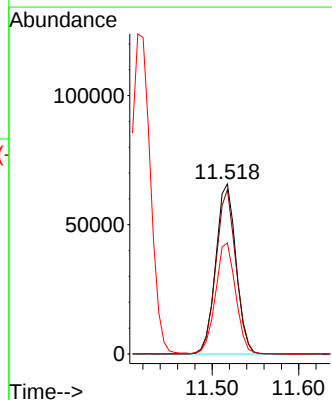
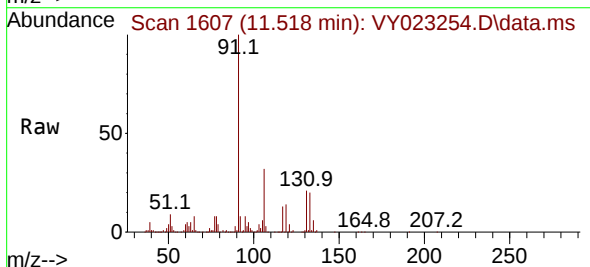
Tgt Ion:131 Resp: 106653

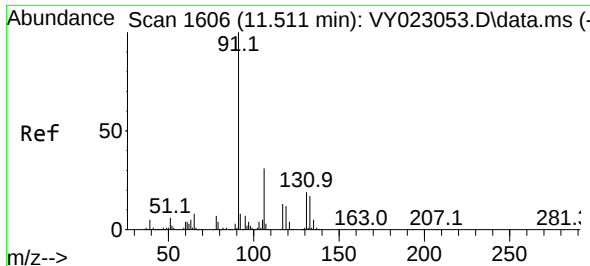
Ion Ratio Lower Upper

131 100

133 95.4 46.9 140.6

119 65.2 33.2 99.6





#67

Ethyl Benzene

Concen: 20.626 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

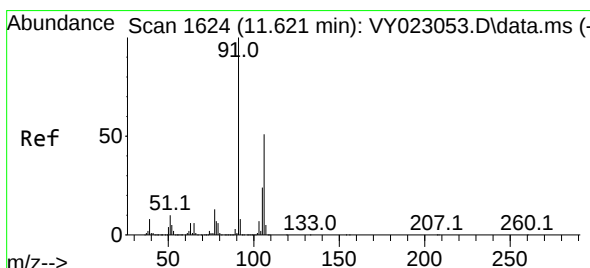
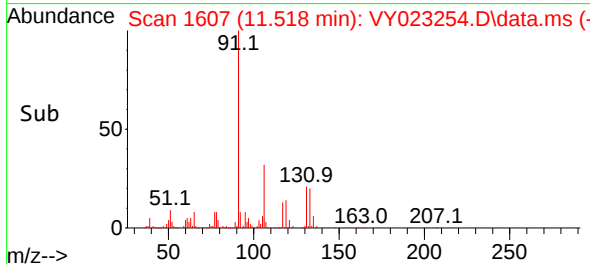
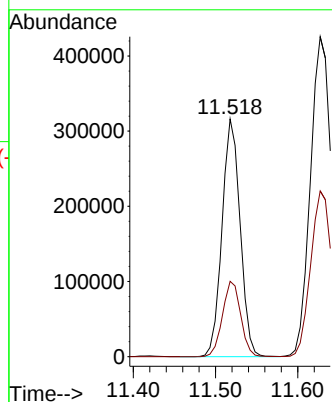
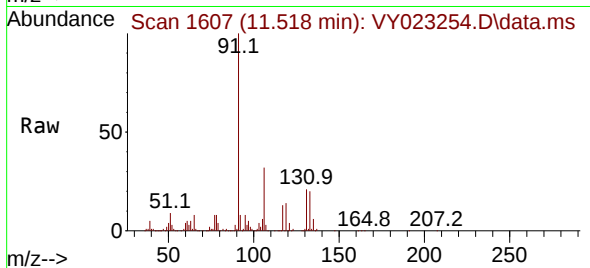
VY0902SBS01

Tgt Ion: 91 Resp: 483058

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 42.951 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023254.D

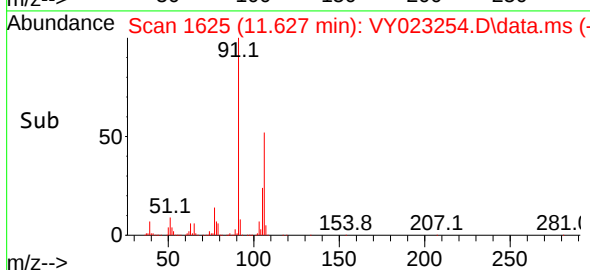
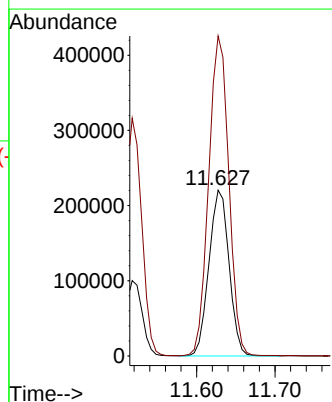
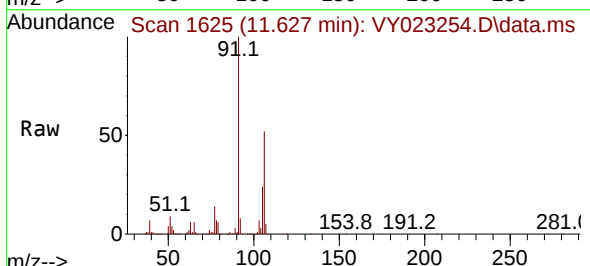
Acq: 02 Sep 2025 10:32

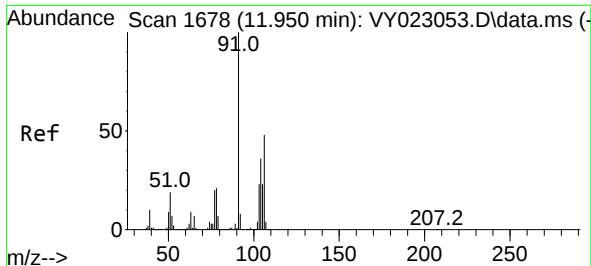
Tgt Ion:106 Resp: 392879

Ion Ratio Lower Upper

106 100

91 193.0 158.6 238.0

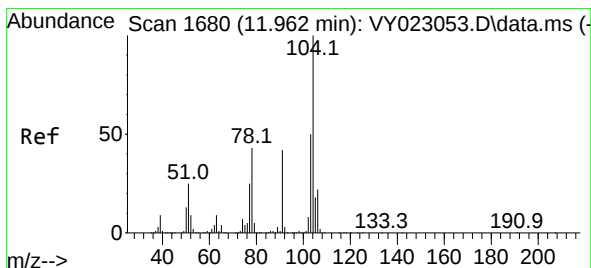
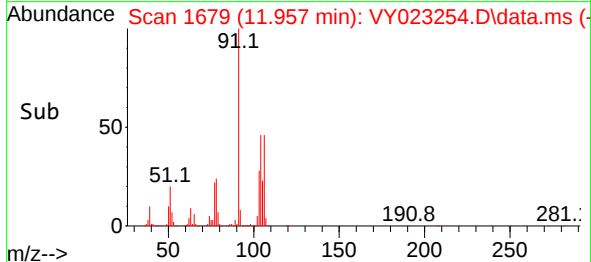
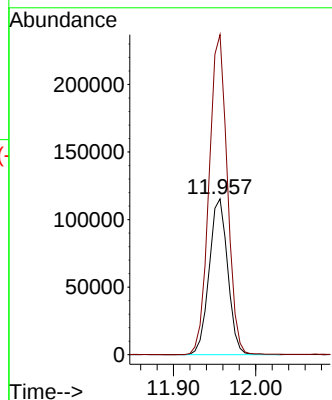
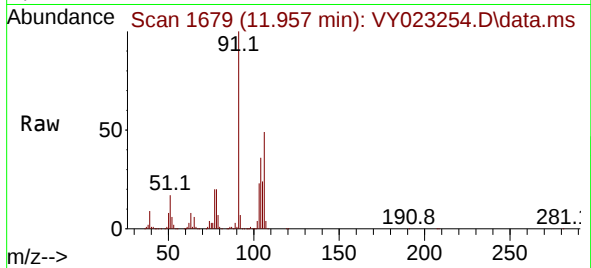




#69
o-Xylene
Concen: 21.050 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

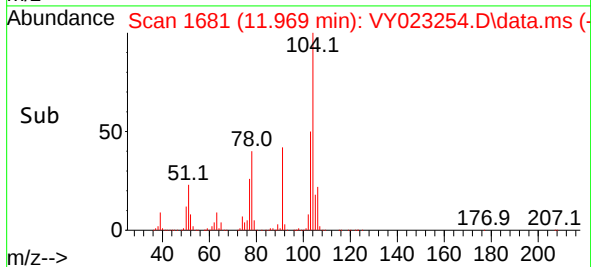
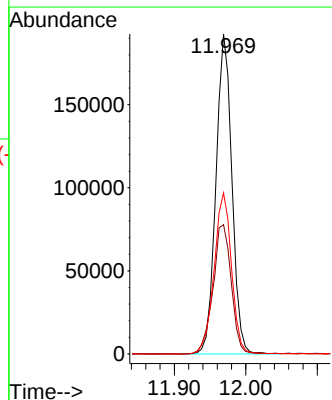
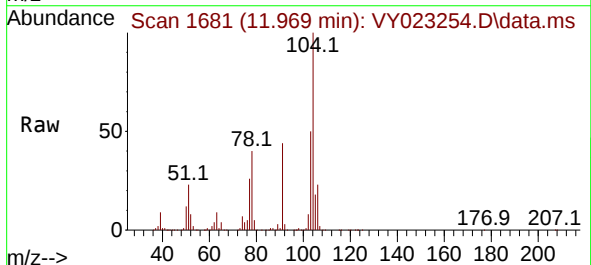
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion:106 Resp: 180336
Ion Ratio Lower Upper
106 100
91 202.3 103.2 309.4



#70
Styrene
Concen: 21.331 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion:104 Resp: 298853
Ion Ratio Lower Upper
104 100
78 46.1 38.5 57.7
103 54.9 43.7 65.5





#71

Bromoform

Concen: 23.605 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

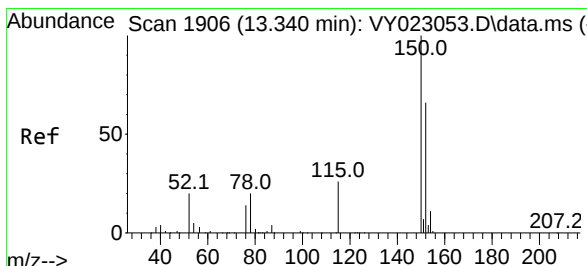
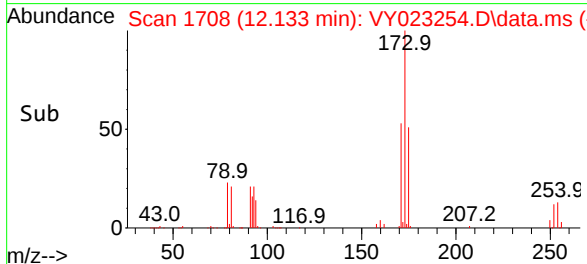
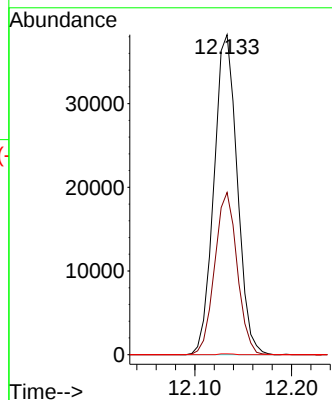
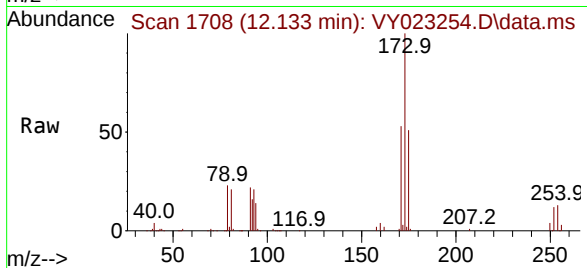
Tgt Ion:173 Resp: 63721

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

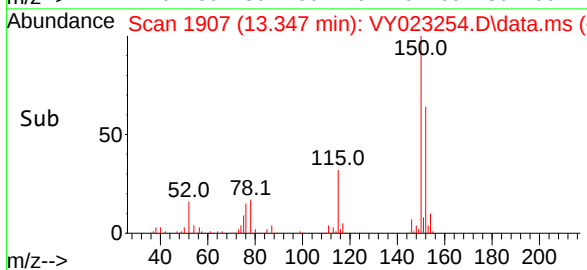
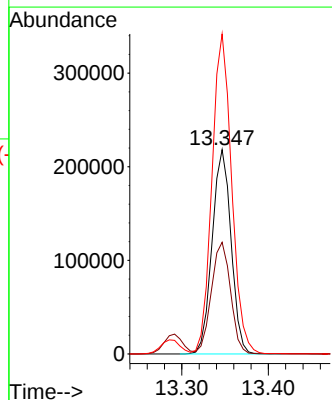
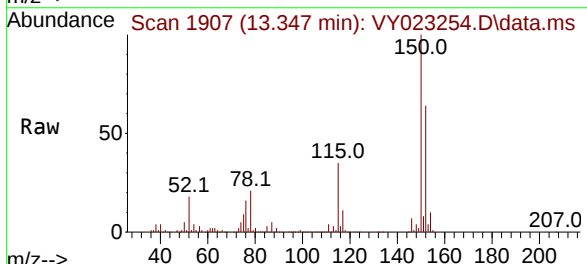
Tgt Ion:152 Resp: 331529

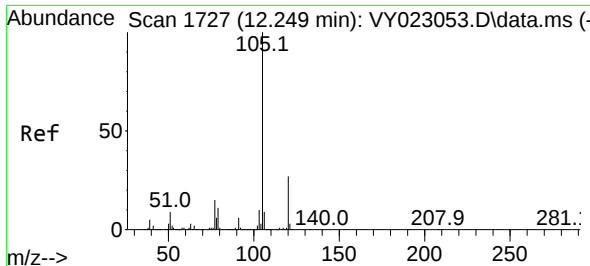
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

150 163.4 0.0 348.0

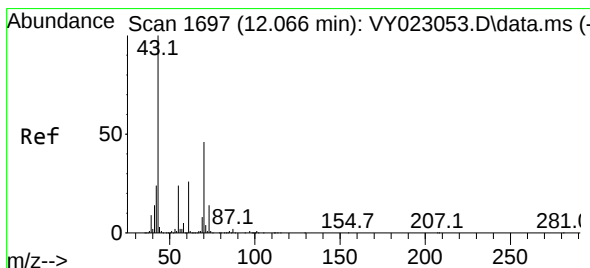
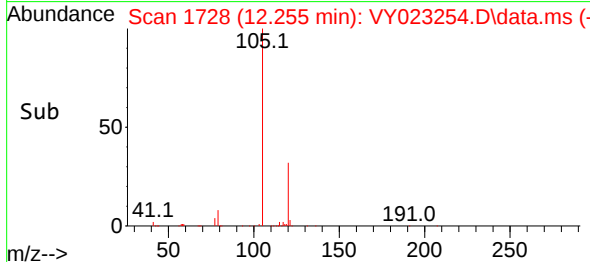
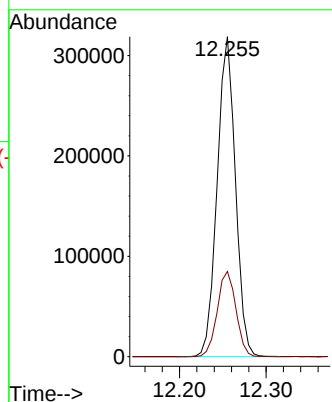
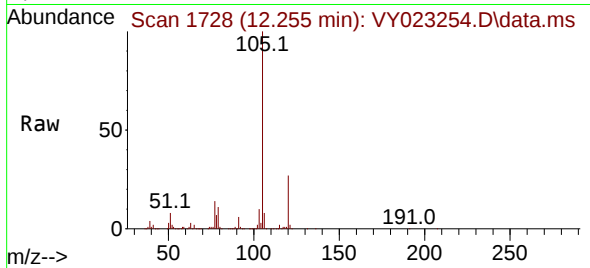




#73
Isopropylbenzene
Concen: 19.931 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

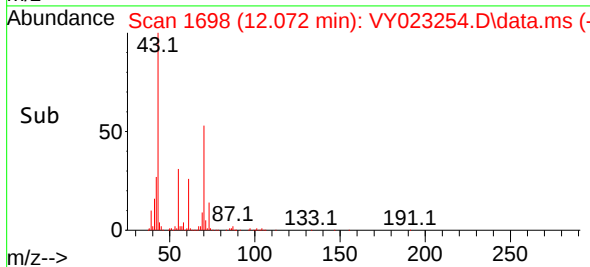
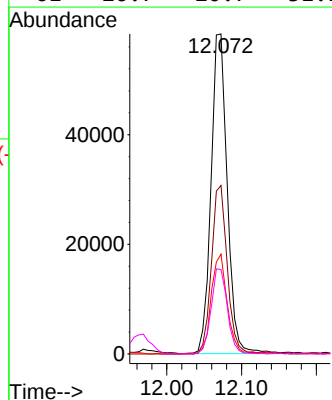
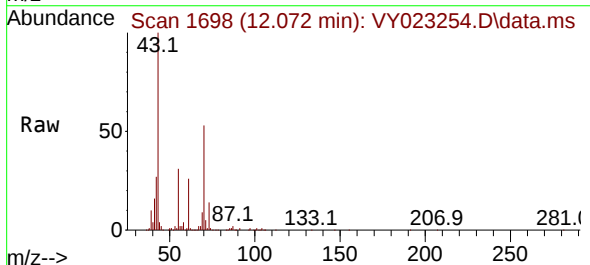
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

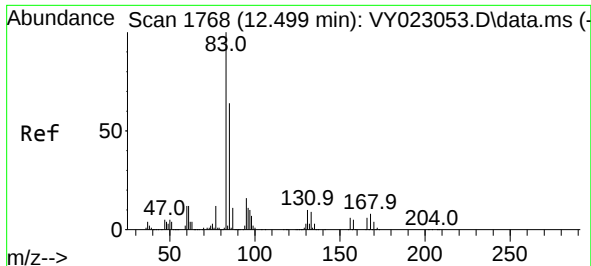
Tgt Ion:105 Resp: 466356
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 17.765 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 43 Resp: 88151
Ion Ratio Lower Upper
43 100
70 51.7 37.5 56.3
55 30.9 20.7 31.1
61 26.7 20.7 31.1

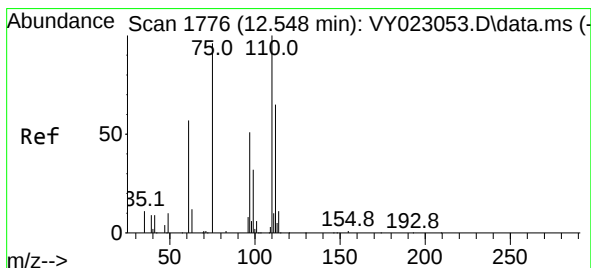
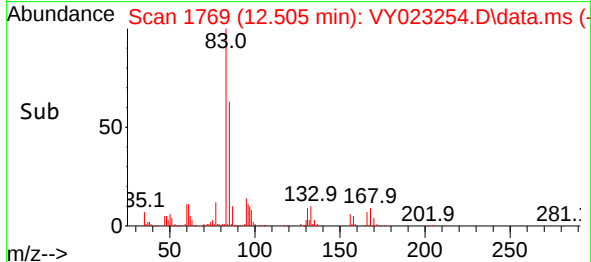
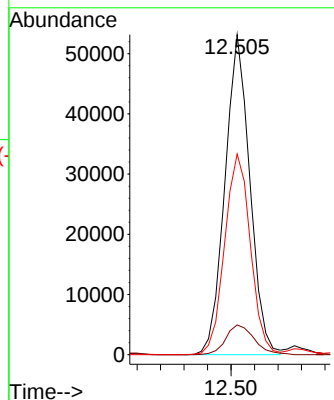
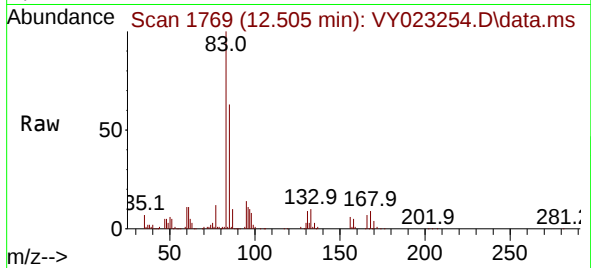




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.590 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023254.D
 Acq: 02 Sep 2025 10:32

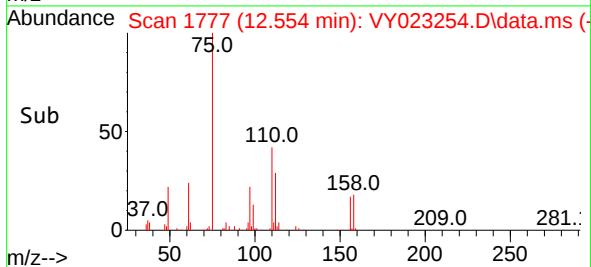
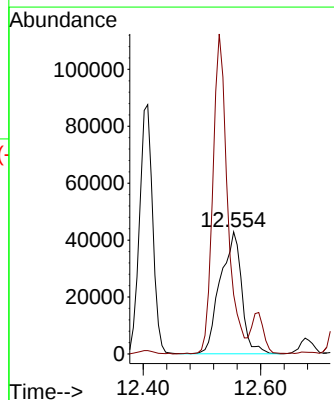
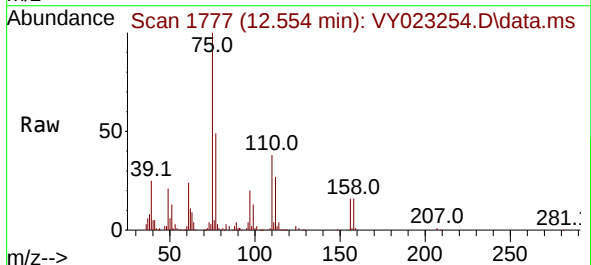
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0902SBS01

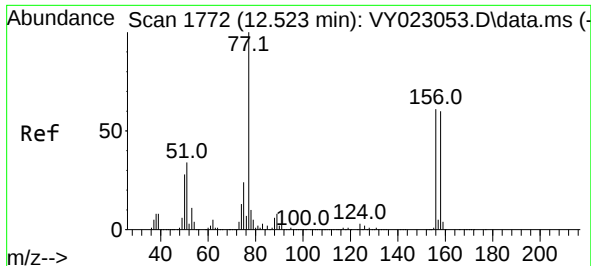
Tgt Ion: 83 Resp: 78270
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 64.9 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 34.015 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023254.D
 Acq: 02 Sep 2025 10:32

Tgt Ion: 75 Resp: 108834
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

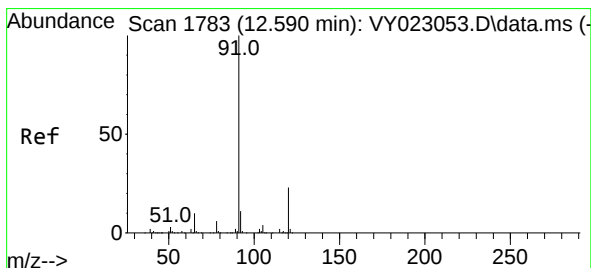
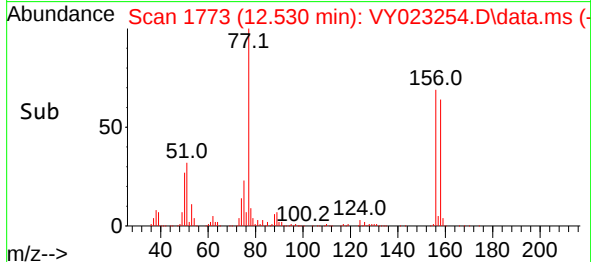
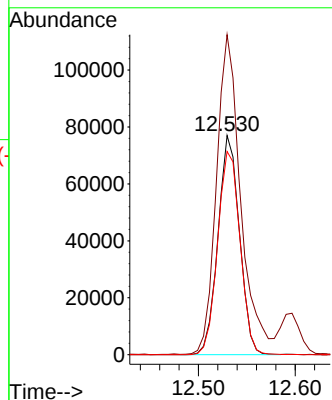
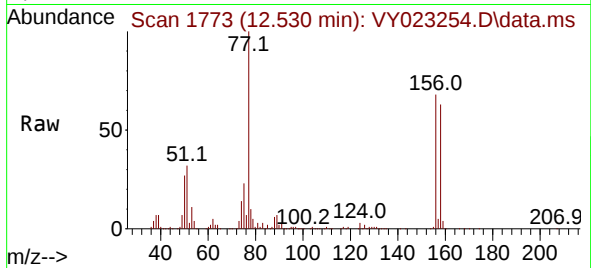




#77
Bromobenzene
Concen: 21.234 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

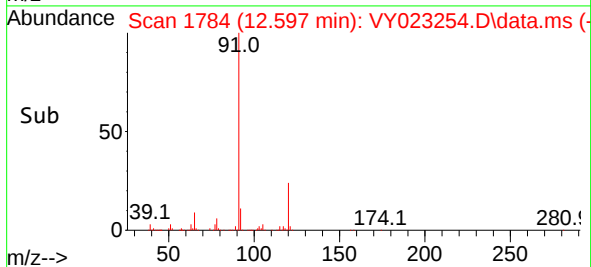
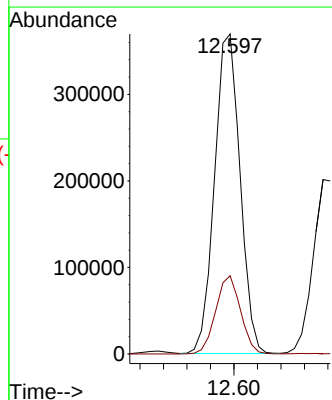
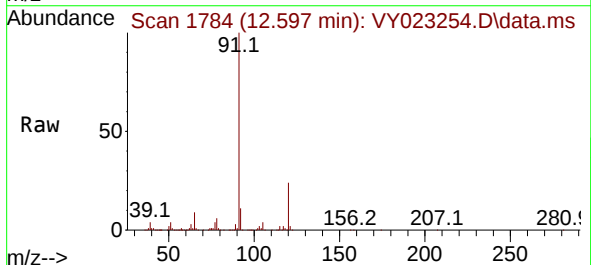
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

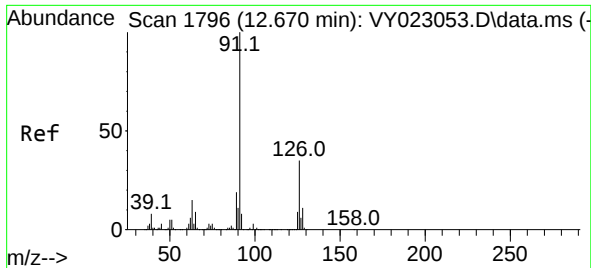
Tgt Ion:156 Resp: 118533
Ion Ratio Lower Upper
156 100
77 164.1 88.1 264.4
158 96.8 48.0 144.0



#78
n-propylbenzene
Concen: 19.960 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 91 Resp: 556041
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.5

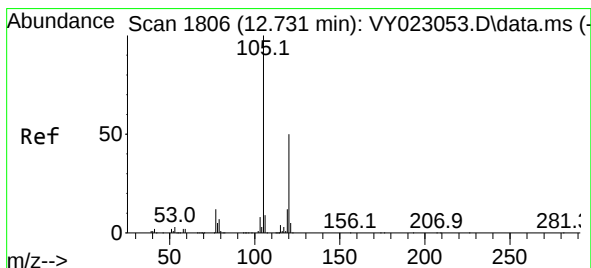
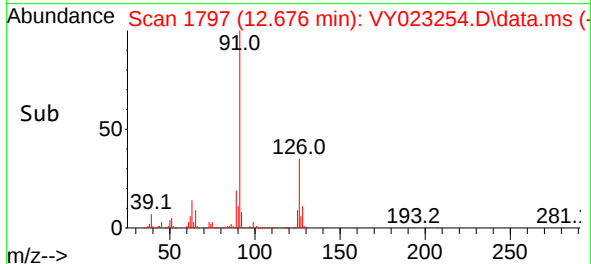
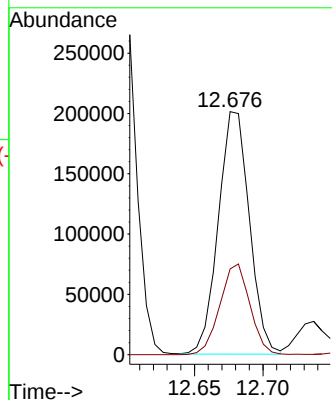
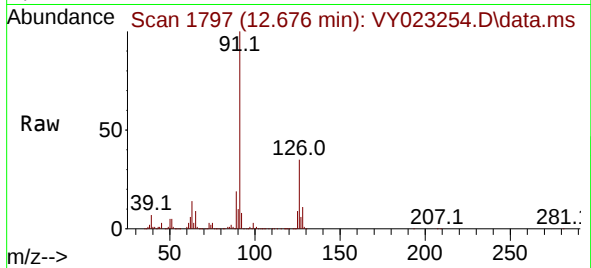




#79
2-Chlorotoluene
Concen: 19.936 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

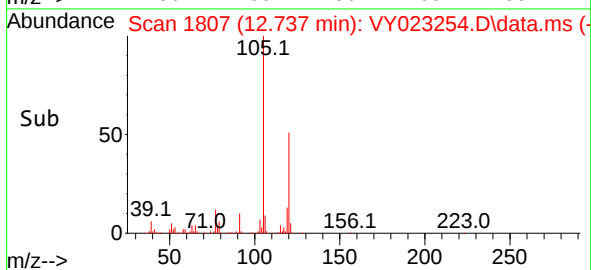
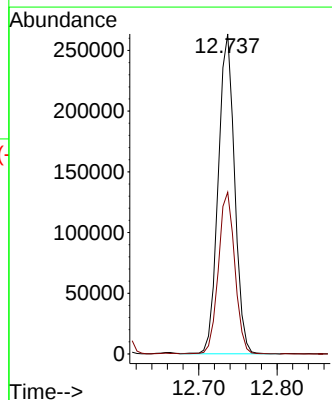
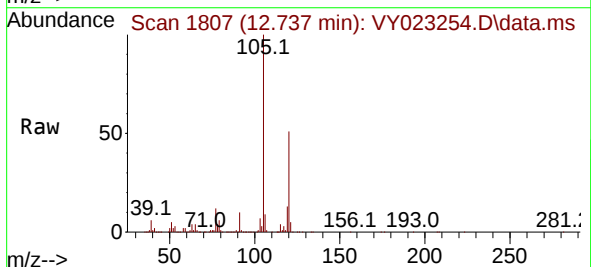
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

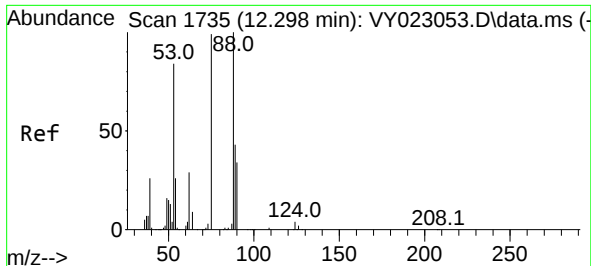
Tgt Ion: 91 Resp: 318200
Ion Ratio Lower Upper
91 100
126 36.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.255 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 105 Resp: 383045
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4

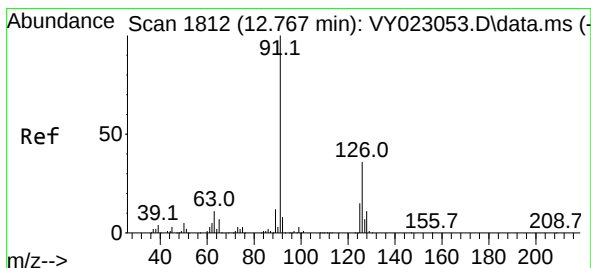
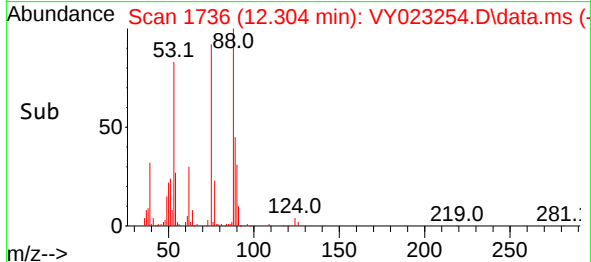
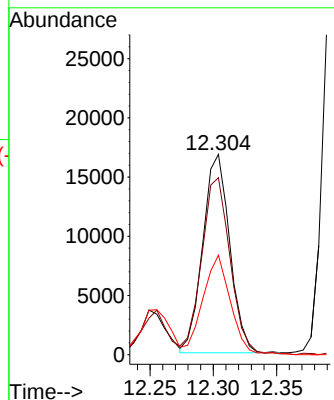
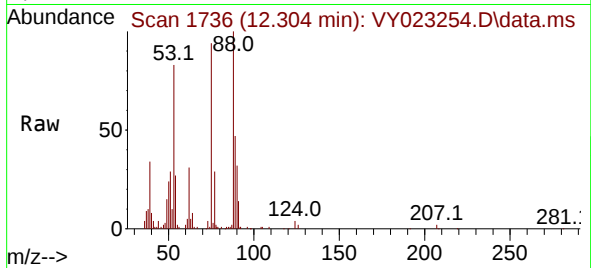




#81
trans-1,4-Dichloro-2-butene
Concen: 18.803 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

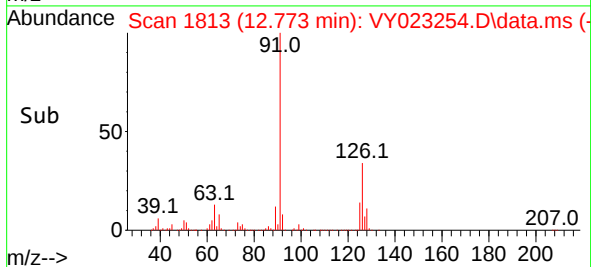
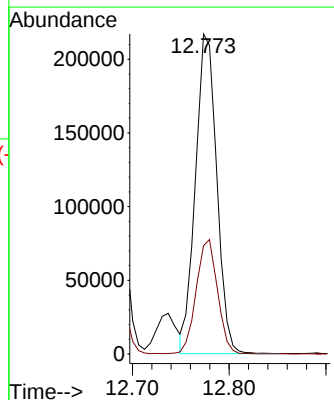
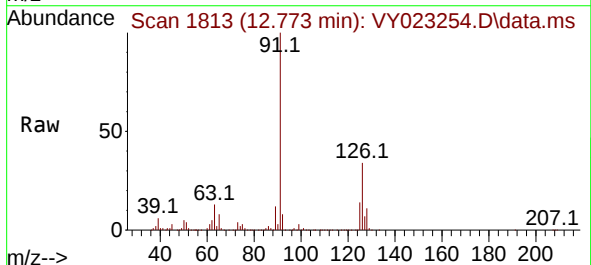
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion: 75 Resp: 24854
Ion Ratio Lower Upper
75 100
53 94.9 70.8 106.2
89 51.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.100 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 91 Resp: 332815
Ion Ratio Lower Upper
91 100
126 35.8 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.793 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

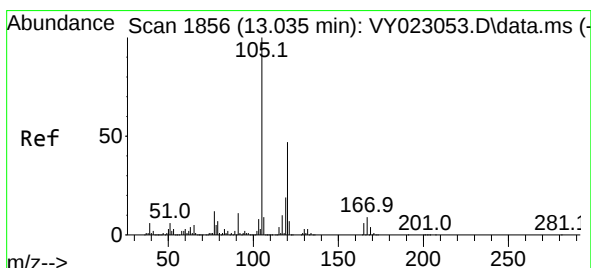
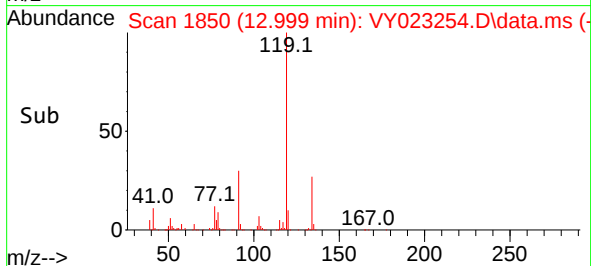
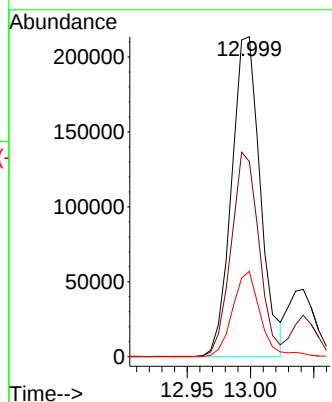
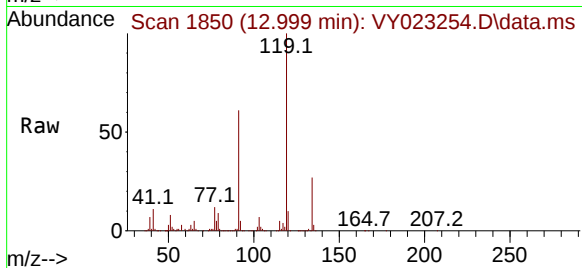
Tgt Ion:119 Resp: 338060

Ion Ratio Lower Upper

119 100

91 61.8 31.6 94.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.428 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023254.D

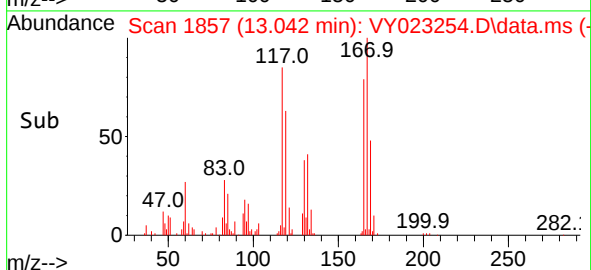
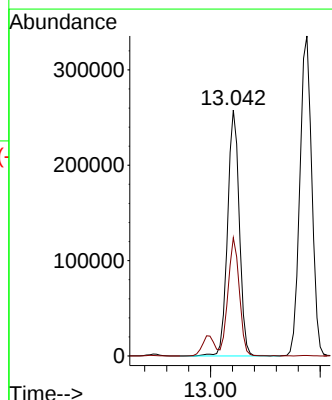
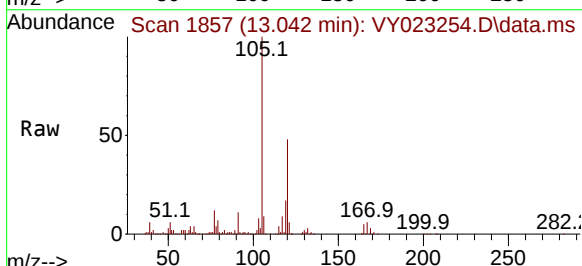
Acq: 02 Sep 2025 10:32

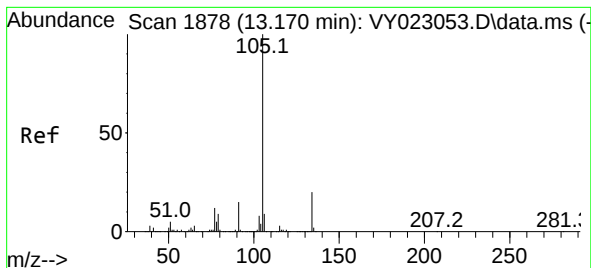
Tgt Ion:105 Resp: 384551

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.060 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

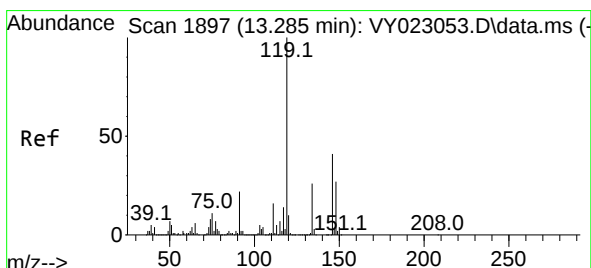
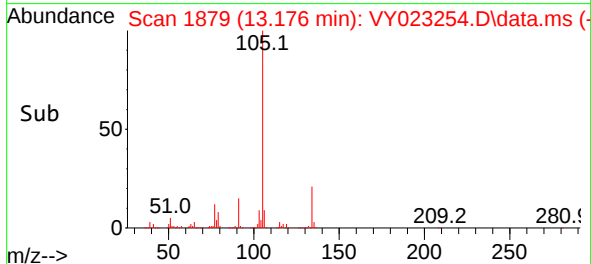
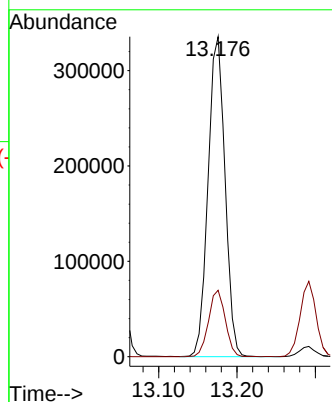
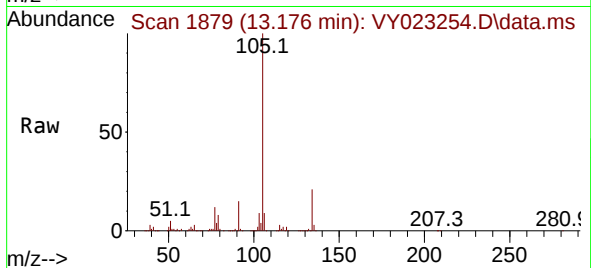
VY0902SBS01

Tgt Ion:105 Resp: 503289

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.111 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

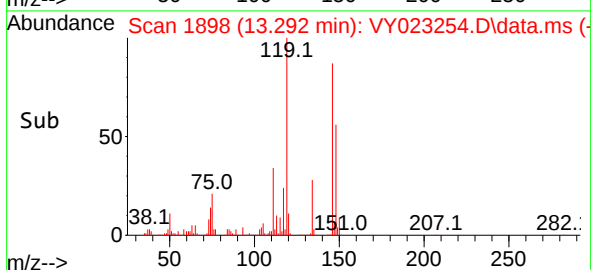
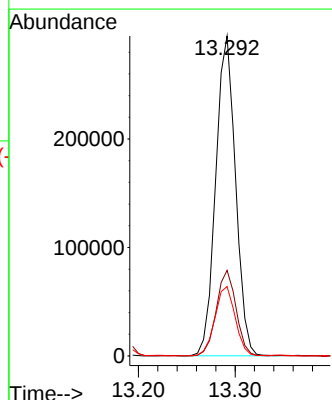
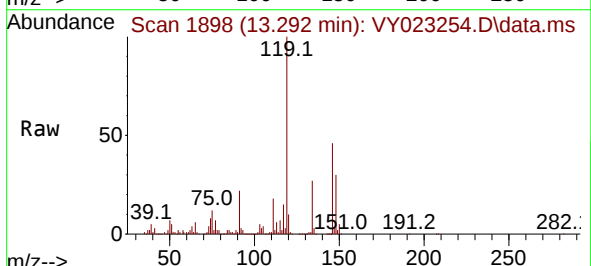
Tgt Ion:119 Resp: 418831

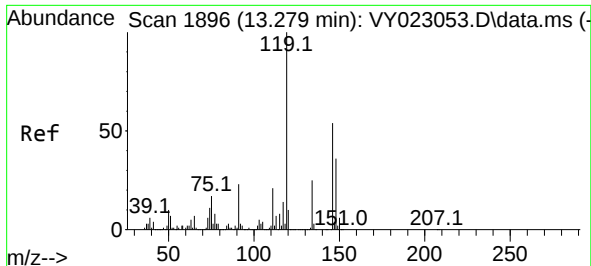
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 21.276 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

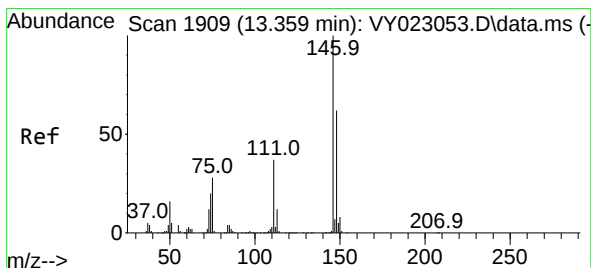
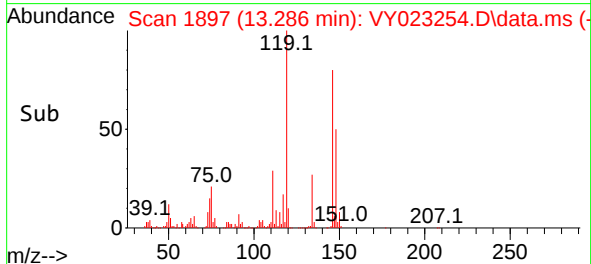
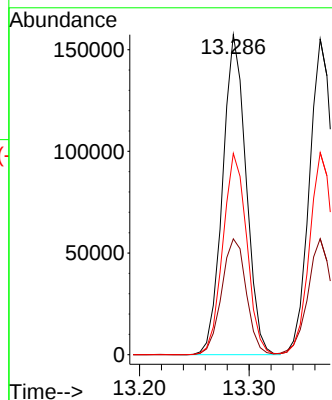
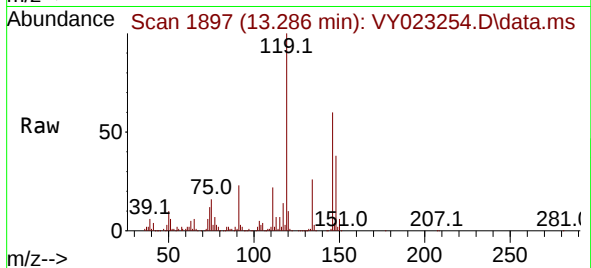
Tgt Ion:146 Resp: 234219

Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.7

148 64.0 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 21.589 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

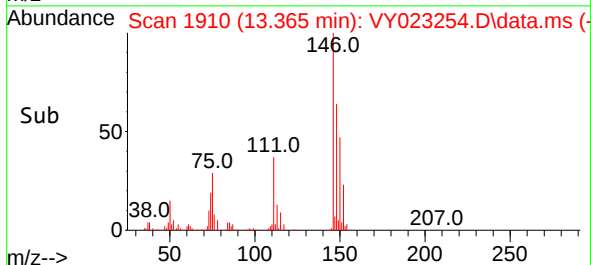
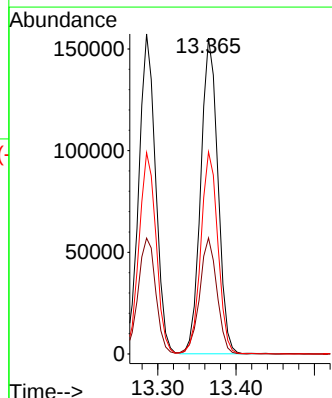
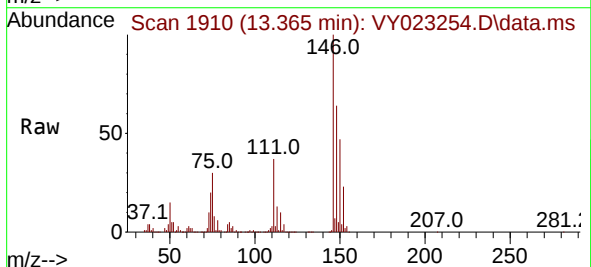
Tgt Ion:146 Resp: 235755

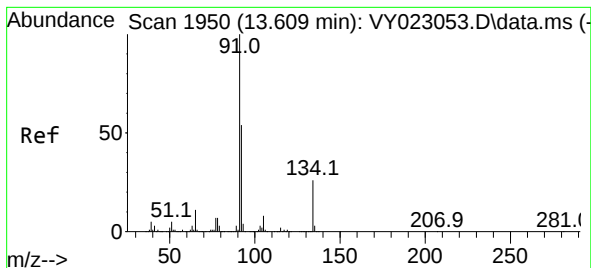
Ion Ratio Lower Upper

146 100

111 37.1 19.1 57.1

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 19.457 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

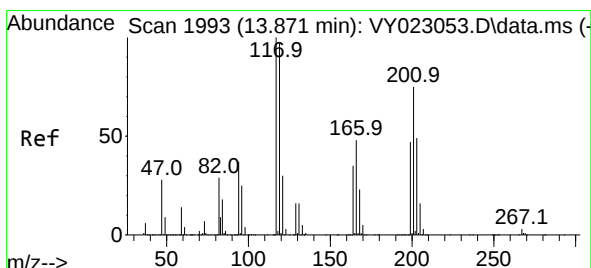
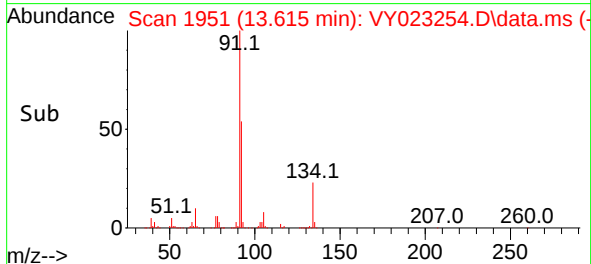
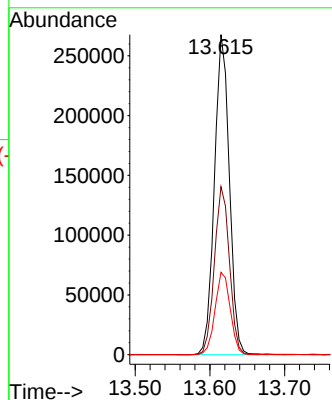
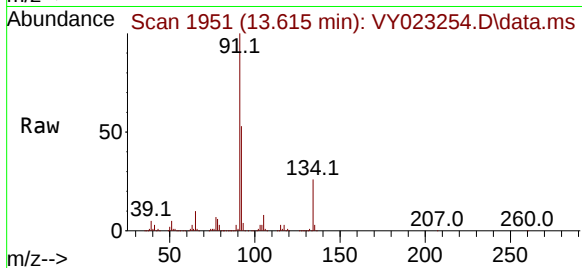
Tgt Ion: 91 Resp: 372158

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

134 26.2 13.2 39.5



#90

Hexachloroethane

Concen: 21.028 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023254.D

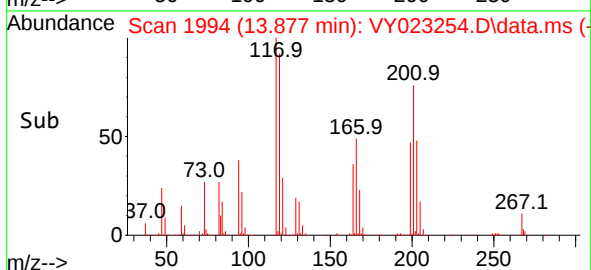
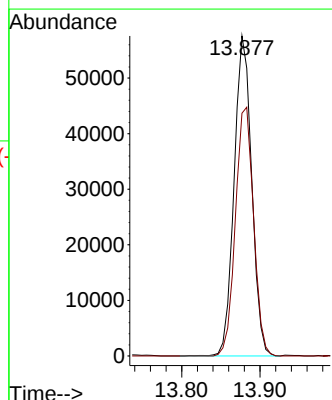
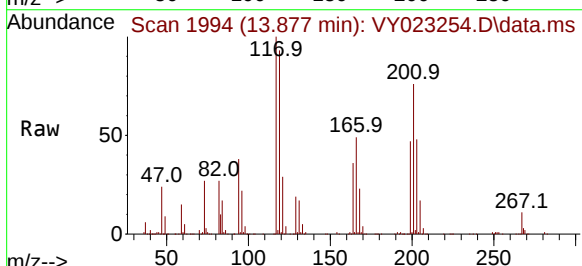
Acq: 02 Sep 2025 10:32

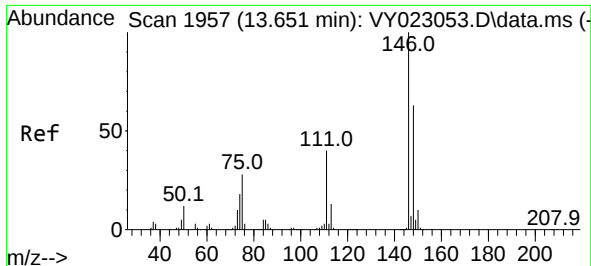
Tgt Ion: 117 Resp: 89650

Ion Ratio Lower Upper

117 100

201 80.2 38.4 115.1

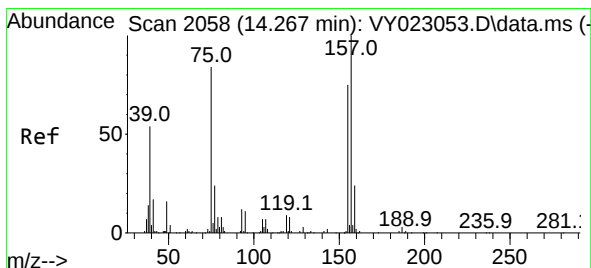
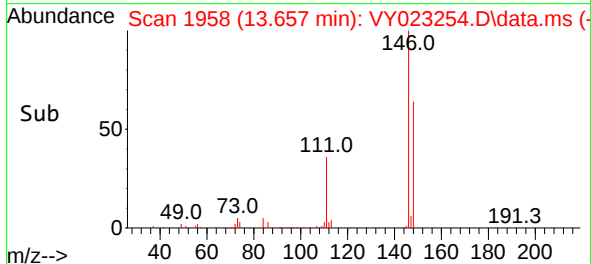
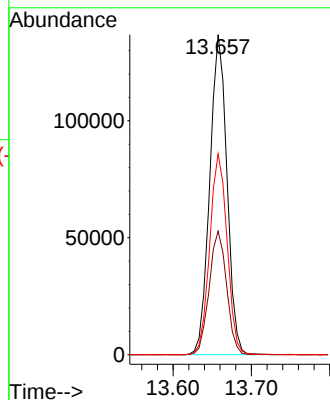
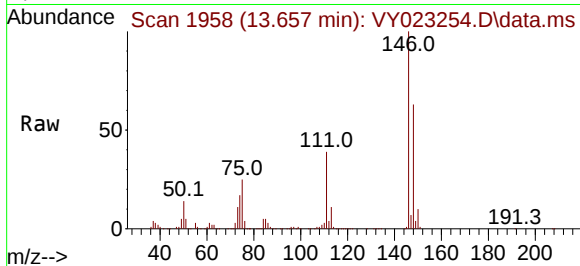




#91
1,2-Dichlorobenzene
Concen: 21.583 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

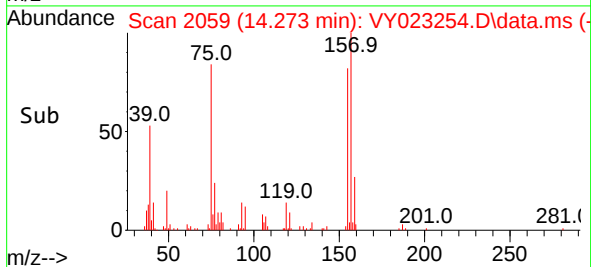
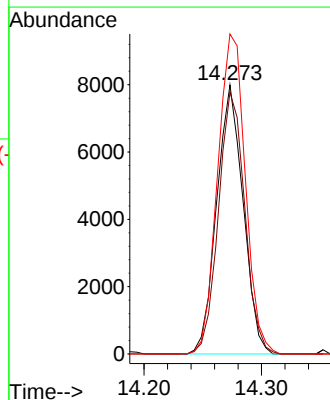
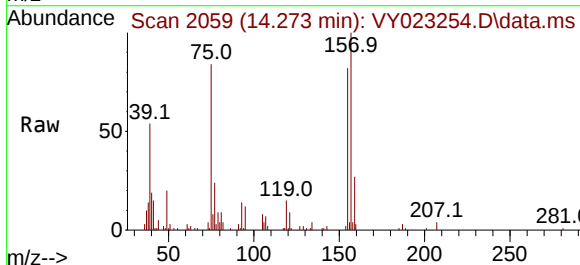
Instrument :
MSVOA_Y
ClientSampleId :
VY0902SBS01

Tgt Ion:146 Resp: 208372
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 63.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.087 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023254.D
Acq: 02 Sep 2025 10:32

Tgt Ion: 75 Resp: 12495
Ion Ratio Lower Upper
75 100
155 96.6 43.9 131.6
157 124.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.855 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

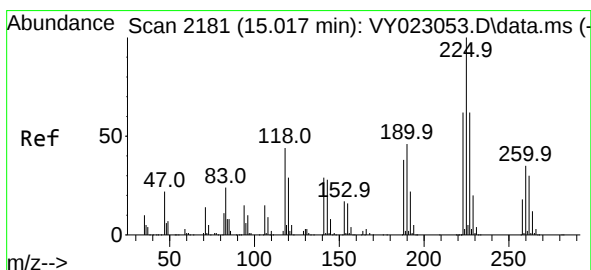
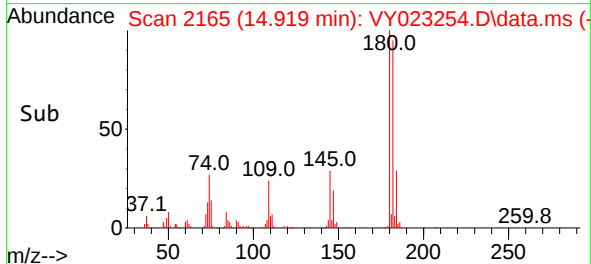
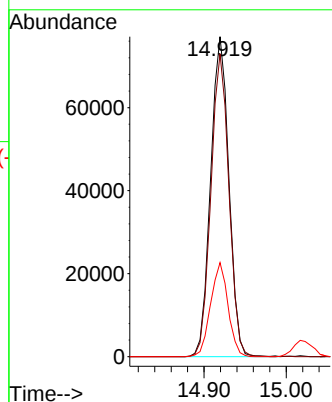
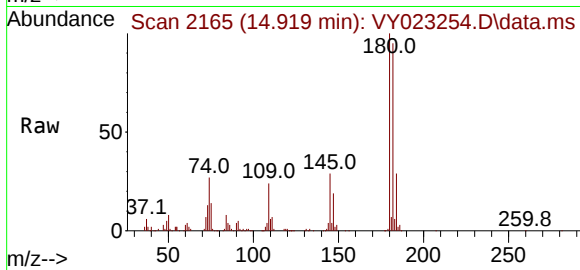
Tgt Ion:180 Resp: 119064

Ion Ratio Lower Upper

180 100

182 93.2 46.8 140.4

145 28.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 21.986 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

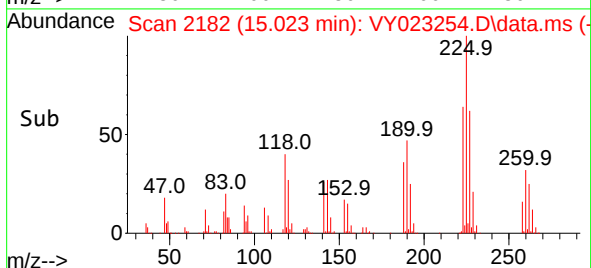
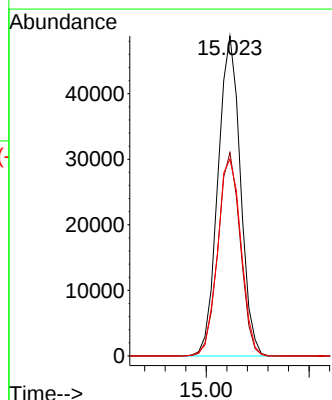
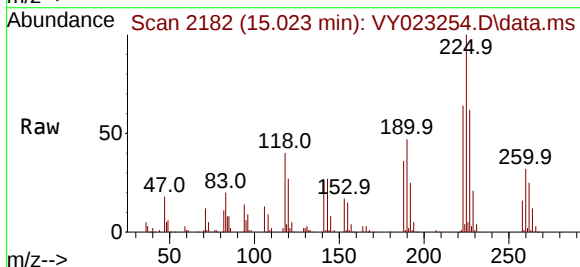
Tgt Ion:225 Resp: 73759

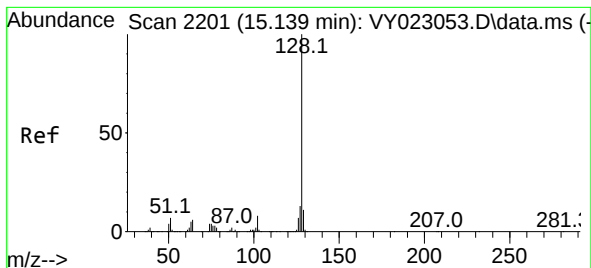
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.8

227 64.4 31.5 94.5





#95

Naphthalene

Concen: 19.245 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0902SBS01

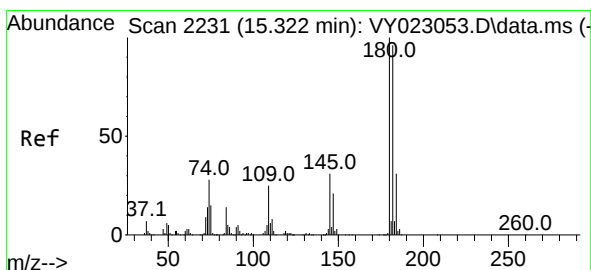
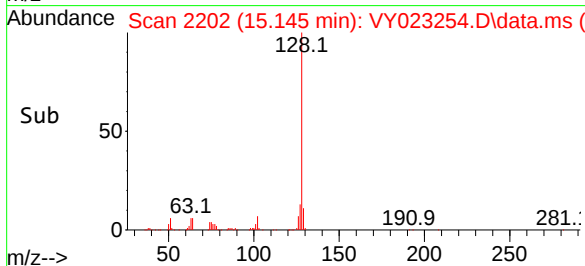
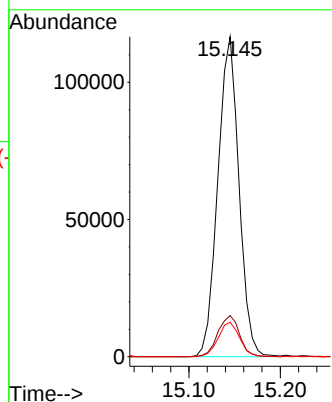
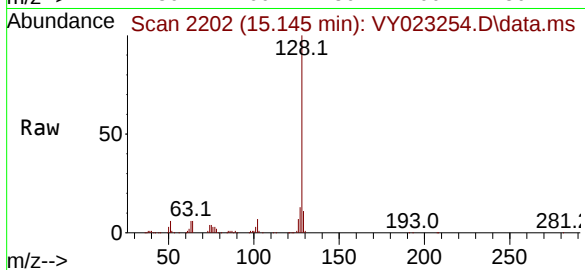
Tgt Ion:128 Resp: 187354

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 21.107 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023254.D

Acq: 02 Sep 2025 10:32

Tgt Ion:180 Resp: 103841

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 31.0 15.9 47.7

