

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023851.D
 Acq On : 02 Dec 2025 10:53
 Operator : SY/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 01:00:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	491473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	764018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	662350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	339534	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.073	65	229109	47.869	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.740%
35) Dibromofluoromethane	7.640	113	219750	48.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.100%
50) Toluene-d8	10.109	98	861612	47.928	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.408	95	278377	47.062	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.873	85	80289	21.677	ug/l	99
3) Chloromethane	2.074	50	104219	18.392	ug/l	96
4) Vinyl Chloride	2.214	62	117983	19.248	ug/l	98
5) Bromomethane	2.598	94	87932	20.335	ug/l	100
6) Chloroethane	2.745	64	80298	20.101	ug/l	100
7) Trichlorofluoromethane	3.068	101	176807	21.335	ug/l	98
8) Diethyl Ether	3.464	74	53616	20.541	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.830	101	110161	22.776	ug/l	97
10) Methyl Iodide	4.019	142	93739	17.686	ug/l	99
11) Tert butyl alcohol	4.878	59	40648	103.407	ug/l	98
12) 1,1-Dichloroethene	3.799	96	97387	20.466	ug/l	96
13) Acrolein	3.665	56	42343	74.932	ug/l	97
14) Allyl chloride	4.397	41	159030	21.096	ug/l	97
15) Acrylonitrile	5.073	53	122984	109.169	ug/l	100
16) Acetone	3.879	43	177462	128.691	ug/l	95
17) Carbon Disulfide	4.116	76	267510	17.420	ug/l	98
18) Methyl Acetate	4.391	43	51638	19.390	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	253496	20.846	ug/l	98
20) Methylene Chloride	4.628	84	113349	19.443	ug/l	91
21) trans-1,2-Dichloroethene	5.122	96	105063	19.942	ug/l	95
22) Diisopropyl ether	6.031	45	359271	22.041	ug/l	98
23) Vinyl Acetate	5.970	43	1000679	110.400	ug/l	100
24) 1,1-Dichloroethane	5.927	63	203723	21.246	ug/l	98
25) 2-Butanone	6.902	43	207338	123.204	ug/l	98
26) 2,2-Dichloropropane	6.890	77	182586	21.482	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	127302	20.807	ug/l	100
28) Bromochloromethane	7.256	49	75283	18.874	ug/l	100
29) Tetrahydrofuran	7.274	42	100602	107.180	ug/l	97
30) Chloroform	7.427	83	207629	21.534	ug/l	99
31) Cyclohexane	7.707	56	186947	20.317	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	184291	21.533	ug/l	98
36) 1,1-Dichloropropene	7.841	75	147335	21.232	ug/l	99
37) Ethyl Acetate	6.994	43	72426	22.189	ug/l	99
38) Carbon Tetrachloride	7.823	117	165772	21.763	ug/l	97
39) Methylcyclohexane	9.115	83	188264	20.542	ug/l	97
40) Benzene	8.085	78	460426	21.560	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	37463	22.989	ug/l	96
42) 1,2-Dichloroethane	8.164	62	120116	21.818	ug/l	99
43) Isopropyl Acetate	8.207	43	134089	21.982	ug/l #	86
44) Trichloroethene	8.872	130	118233	21.578	ug/l	95
45) 1,2-Dichloropropane	9.146	63	110259	21.899	ug/l	95
46) Dibromomethane	9.237	93	59571	21.804	ug/l	99
47) Bromodichloromethane	9.426	83	156370	21.900	ug/l	97
48) Methyl methacrylate	9.225	41	61974	21.579	ug/l	98
49) 1,4-Dioxane	9.243	88	13204	431.231	ug/l	92
51) 4-Methyl-2-Pentanone	10.005	43	364810	113.608	ug/l	96
52) Toluene	10.176	92	285889	21.595	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	136696	20.900	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	167599	21.407	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	80847	22.091	ug/l	96
56) Ethyl methacrylate	10.444	69	100425	20.898	ug/l	98
57) 1,3-Dichloropropane	10.719	76	140674	22.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	228950	99.175	ug/l	100
59) 2-Hexanone	10.768	43	288131	121.341	ug/l	97
60) Dibromochloromethane	10.914	129	107128	21.813	ug/l	100
61) 1,2-Dibromoethane	11.018	107	72217	21.258	ug/l	99
64) Tetrachloroethene	10.652	164	138582	22.055	ug/l	98
65) Chlorobenzene	11.444	112	310203	21.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	107508	21.766	ug/l	99
67) Ethyl Benzene	11.524	91	532535	21.444	ug/l	99
68) m/p-Xylenes	11.633	106	415378	43.406	ug/l	99
69) o-Xylene	11.956	106	189968	21.175	ug/l	99
70) Styrene	11.975	104	315843	21.371	ug/l	99
71) Bromoform	12.133	173	62102	21.555	ug/l #	99
73) Isopropylbenzene	12.255	105	514860	21.366	ug/l	100
74) N-amyl acetate	12.072	43	110681	20.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	85367	21.517	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	116641	39.504	ug/l #	100
77) Bromobenzene	12.536	156	118620	20.928	ug/l	99
78) n-propylbenzene	12.596	91	625892	21.573	ug/l	100
79) 2-Chlorotoluene	12.682	91	355607	21.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	416339	21.164	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29206	20.908	ug/l	94
82) 4-Chlorotoluene	12.779	91	358487	20.905	ug/l	99
83) tert-Butylbenzene	12.999	119	379674	21.484	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	414737	21.096	ug/l	99
85) sec-Butylbenzene	13.176	105	567484	21.754	ug/l	100
86) p-Isopropyltoluene	13.291	119	471817	21.638	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	238758	21.018	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	239031	21.081	ug/l	99
89) n-Butylbenzene	13.621	91	426112	21.313	ug/l	99
90) Hexachloroethane	13.883	117	97537	21.291	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	213541	21.497	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13310	20.043	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	118087	19.938	ug/l	99
94) Hexachlorobutadiene	15.029	225	77778	21.087	ug/l	99
95) Naphthalene	15.145	128	184390	18.460	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	101635	20.149	ug/l	97

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ClientSampleId :

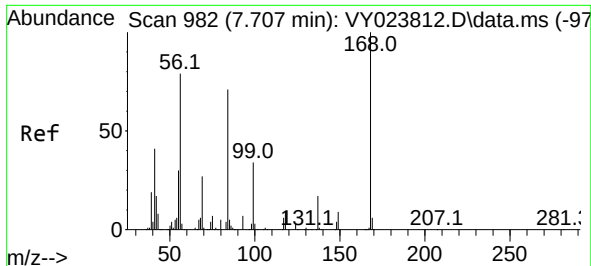
Quant Time: Dec 03 01:00:04 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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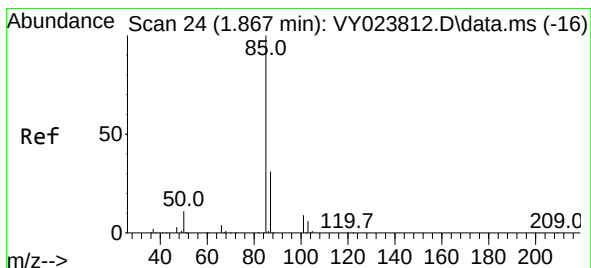
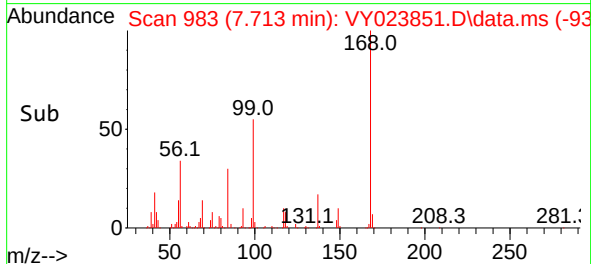
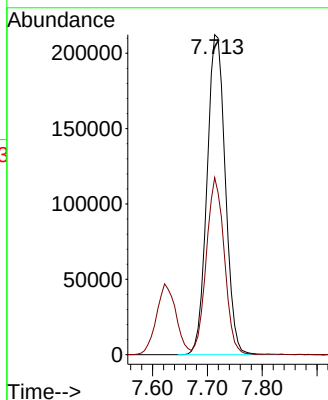
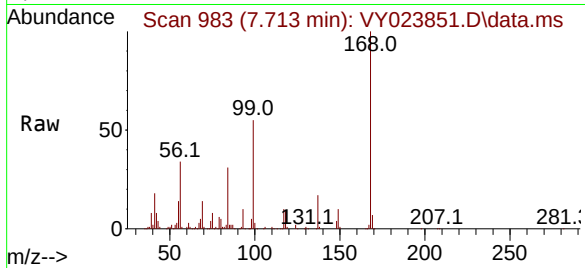




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

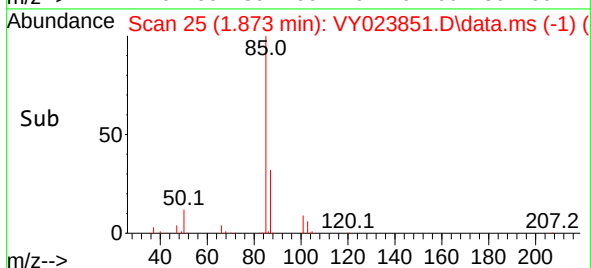
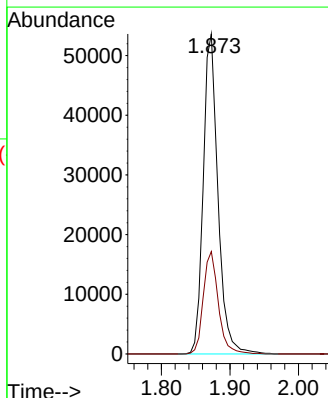
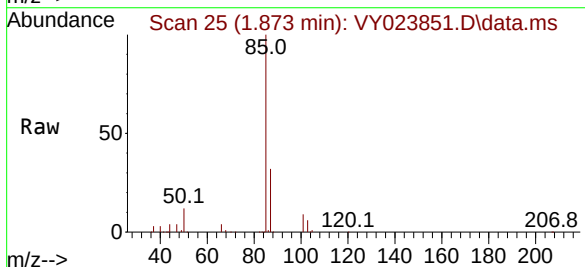
Instrument :
MSVOA_Y
ClientSampleId :

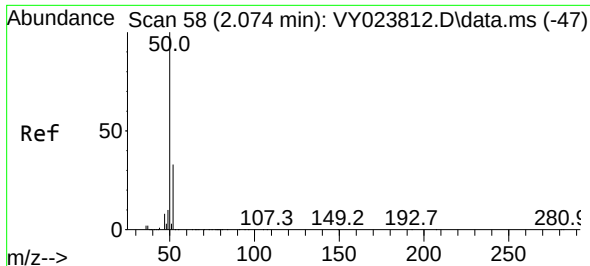
Tgt Ion:168 Resp: 491473
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 21.677 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

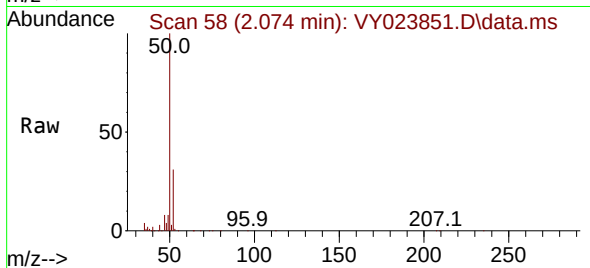
Tgt Ion: 85 Resp: 80289
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.1



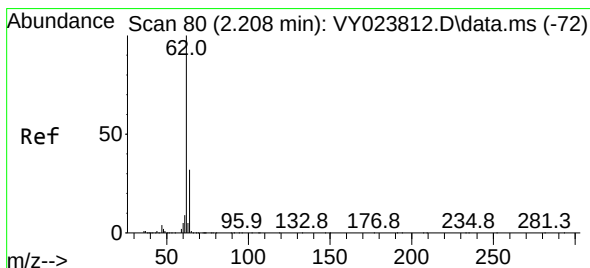
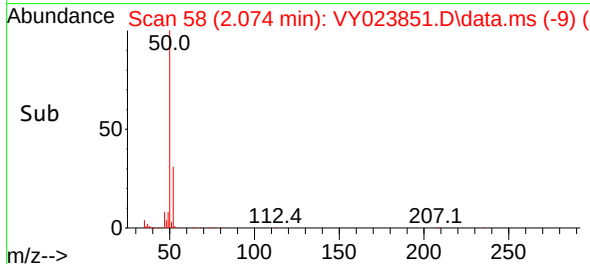
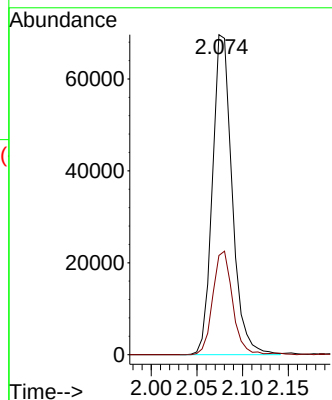


#3
Chloromethane
Concen: 18.392 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Instrument :
MSVOA_Y
ClientSampleId :

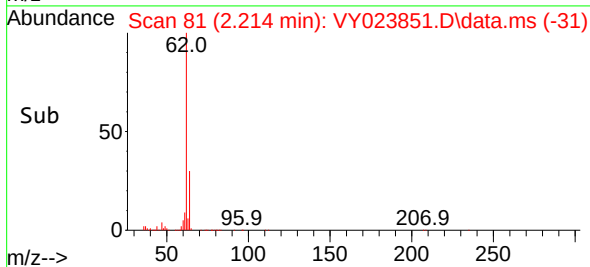
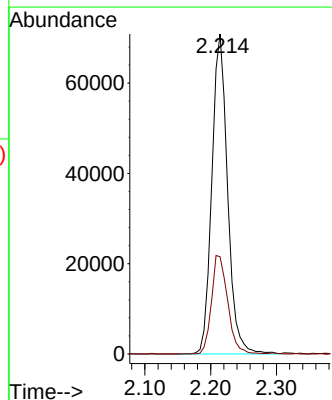
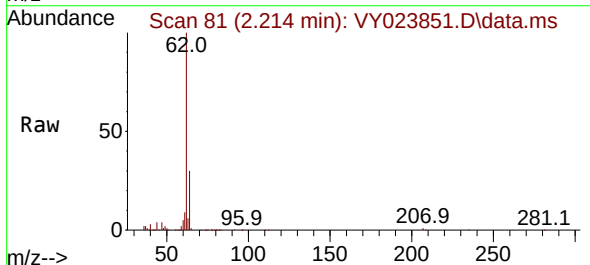


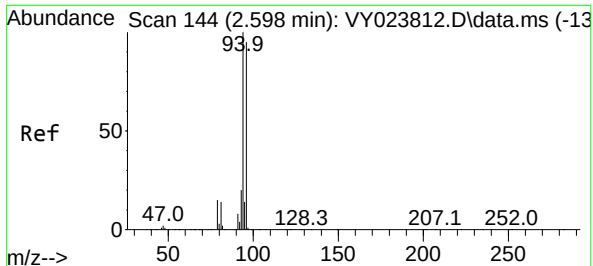
Tgt Ion: 50 Resp: 104219
Ion Ratio Lower Upper
50 100
52 31.0 26.6 39.8



#4
Vinyl Chloride
Concen: 19.248 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 62 Resp: 117983
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0

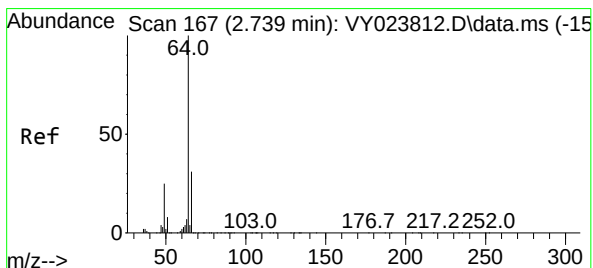
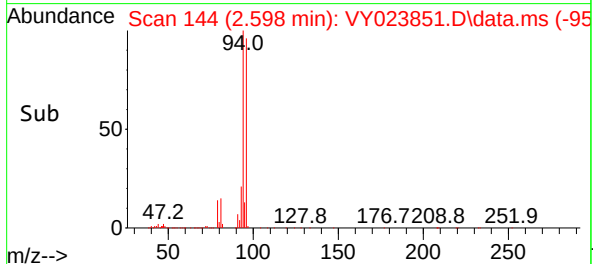
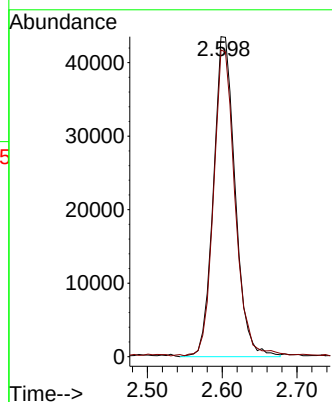
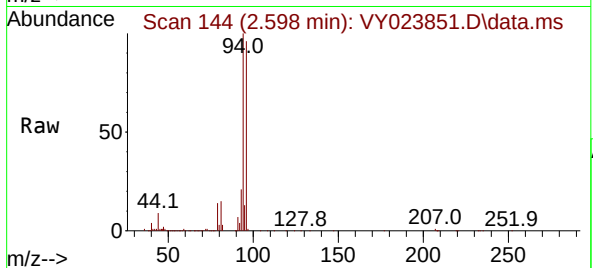




#5
Bromomethane
Concen: 20.335 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

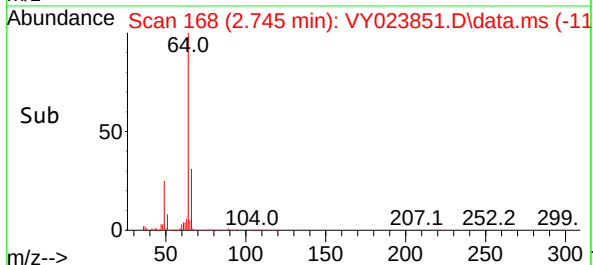
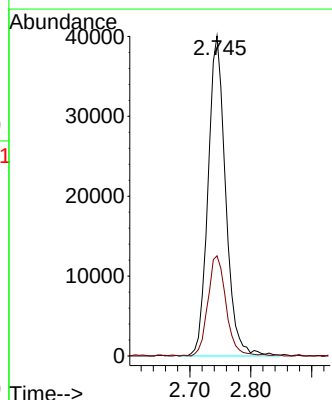
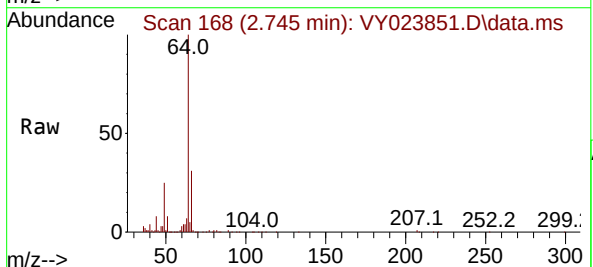
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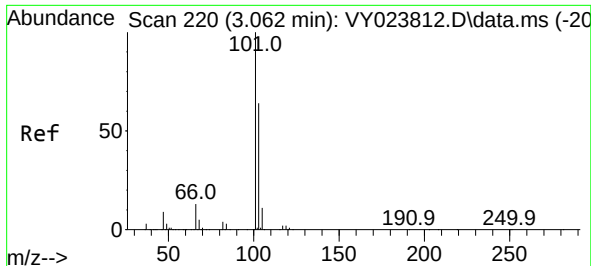
Tgt Ion: 94 Resp: 87932
Ion Ratio Lower Upper
94 100
96 95.2 76.1 114.1



#6
Chloroethane
Concen: 20.101 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 64 Resp: 80298
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

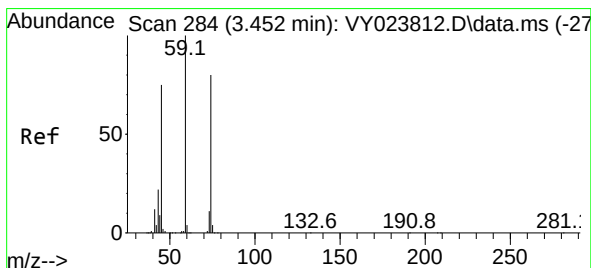
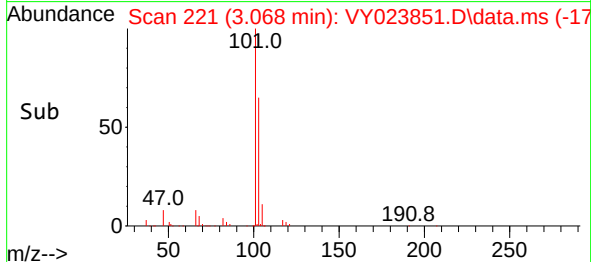
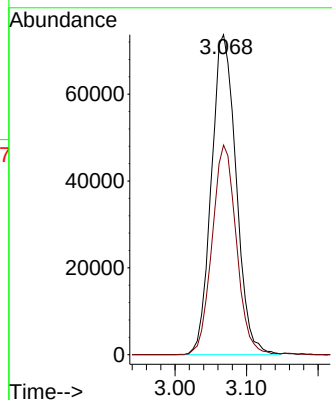
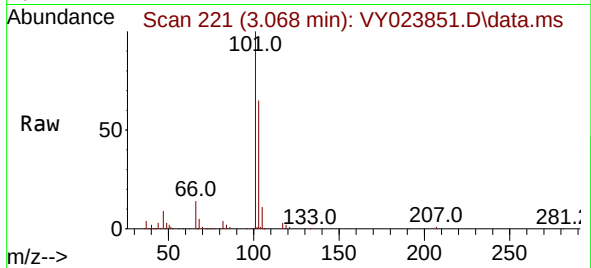




#7
 Trichlorofluoromethane
 Concen: 21.335 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

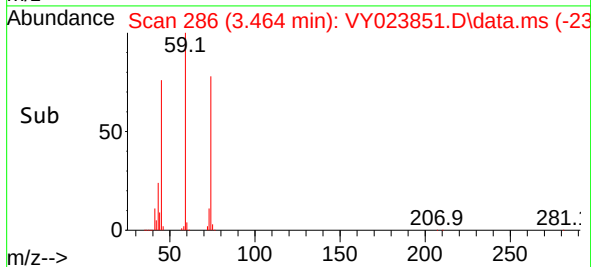
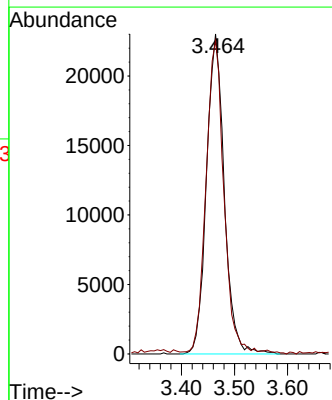
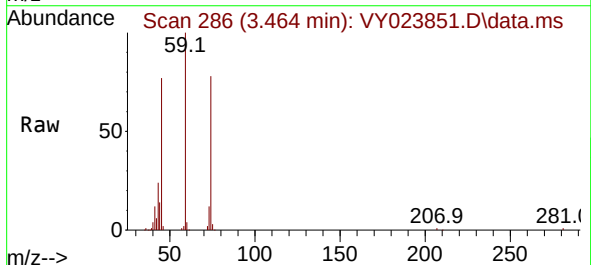
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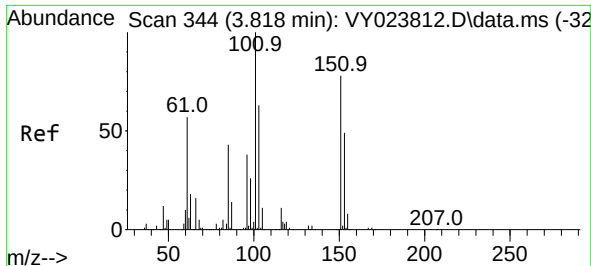
Tgt Ion:101 Resp: 176807
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.8 76.2



#8
 Diethyl Ether
 Concen: 20.541 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

Tgt Ion: 74 Resp: 53616
 Ion Ratio Lower Upper
 74 100
 45 96.3 47.0 141.0

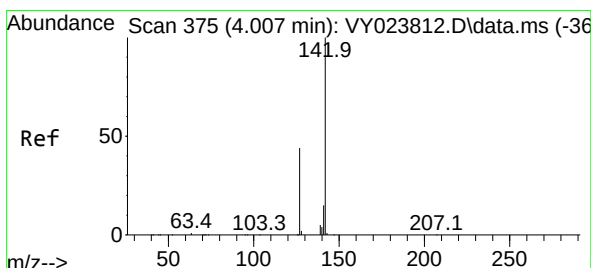
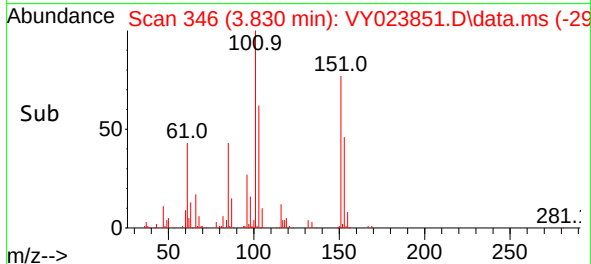
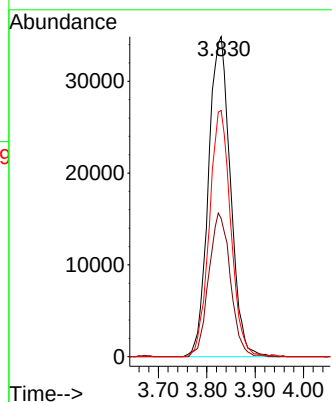
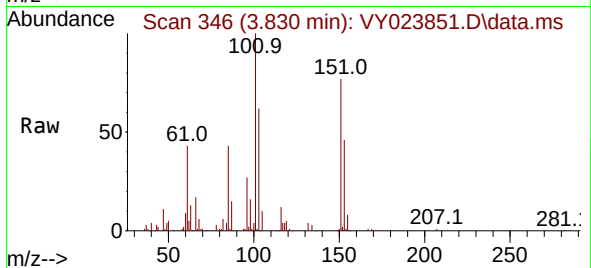




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.776 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023851.D
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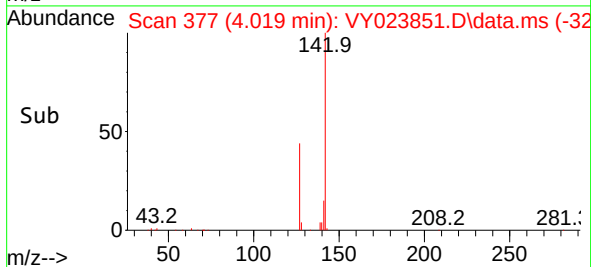
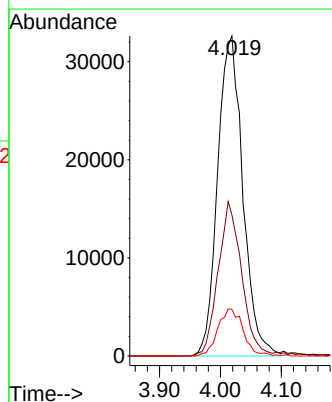
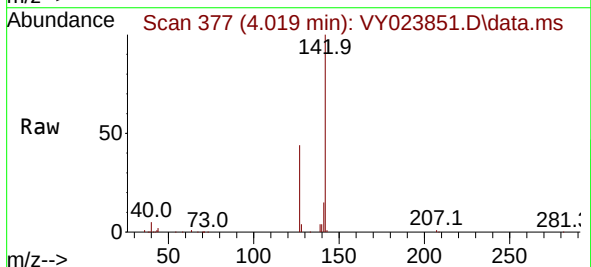
Instrument :
MSVOA_Y
ClientSampleId :

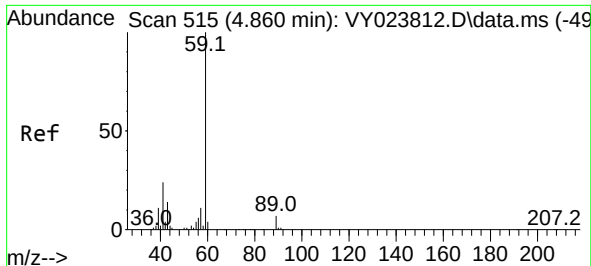
Tgt Ion:101 Resp: 110161
Ion Ratio Lower Upper
101 100
85 44.1 35.8 53.8
151 74.9 62.8 94.2



#10
Methyl Iodide
Concen: 17.686 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion:142 Resp: 93739
Ion Ratio Lower Upper
142 100
127 44.8 36.2 54.2
141 14.8 11.4 17.0

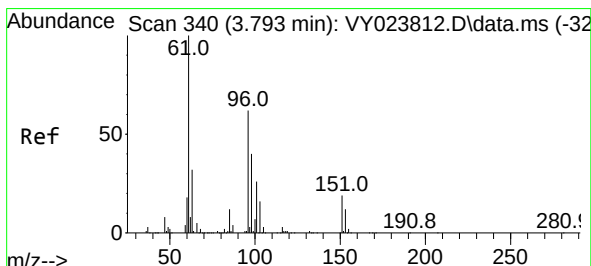
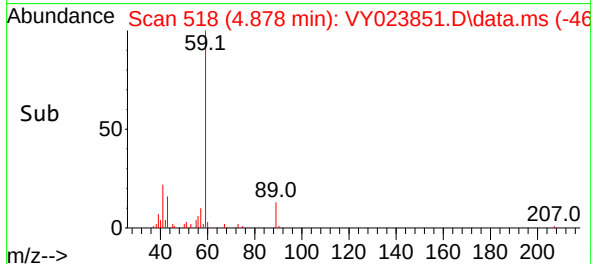
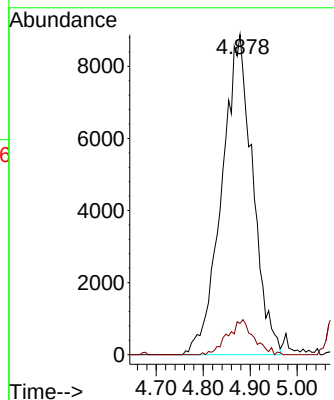
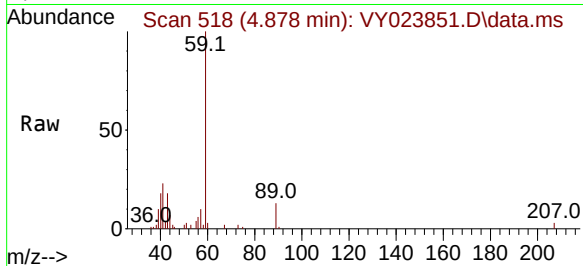




#11
Tert butyl alcohol
Concen: 103.407 ug/l
RT: 4.878 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

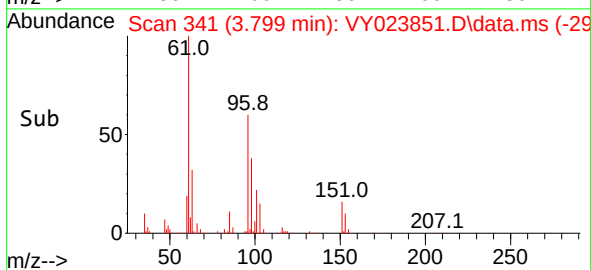
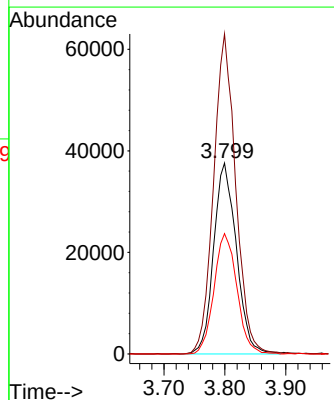
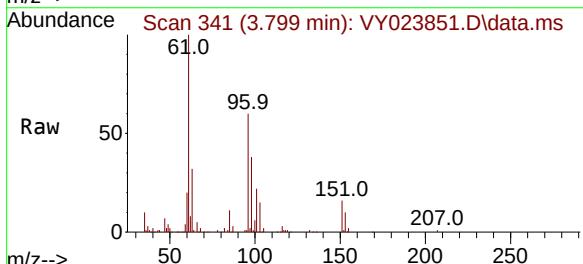
Instrument :
MSVOA_Y
ClientSampleId :

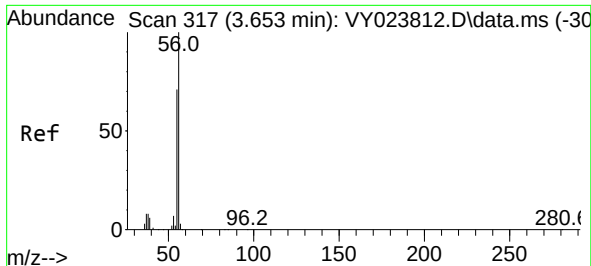
Tgt Ion: 59 Resp: 40648
Ion Ratio Lower Upper
59 100
57 9.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.466 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 96 Resp: 97387
Ion Ratio Lower Upper
96 100
61 167.7 128.9 193.3
98 63.0 51.8 77.6

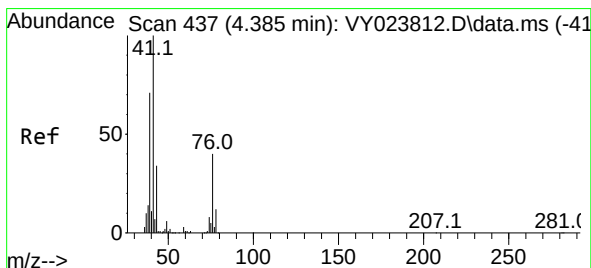
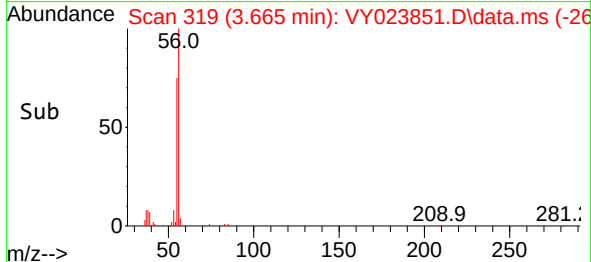
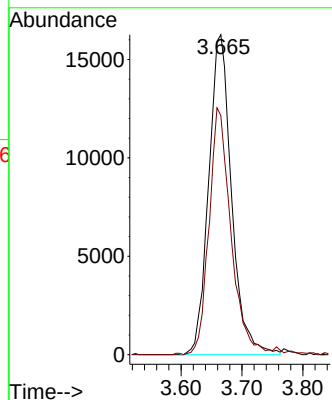
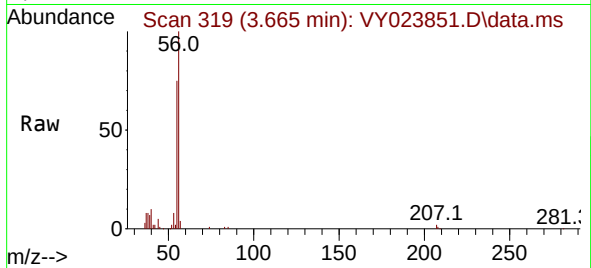




#13
Acrolein
Concen: 74.932 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

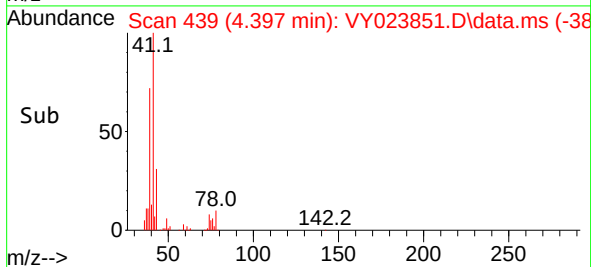
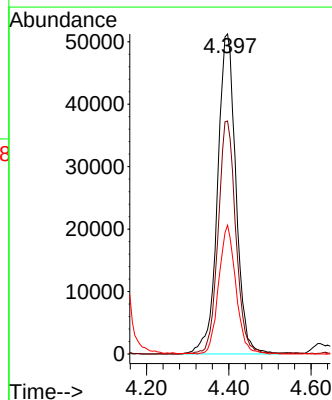
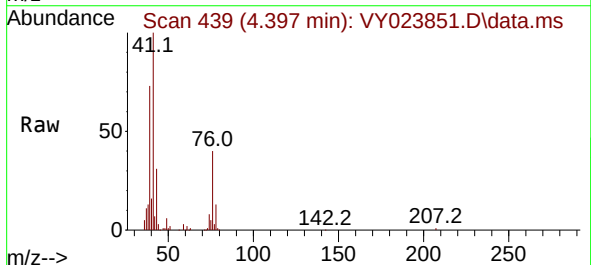
Instrument :
MSVOA_Y
ClientSampleId :

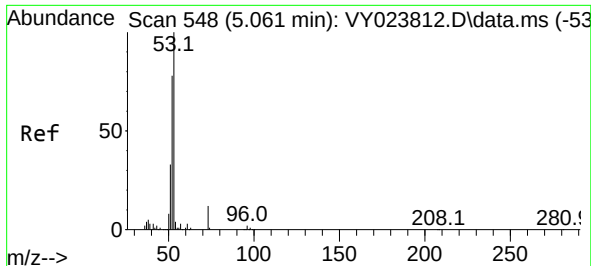
Tgt Ion: 56 Resp: 42343
Ion Ratio Lower Upper
56 100
55 73.9 57.1 85.7



#14
Allyl chloride
Concen: 21.096 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 41 Resp: 159030
Ion Ratio Lower Upper
41 100
39 70.2 54.1 81.1
76 37.5 31.0 46.6

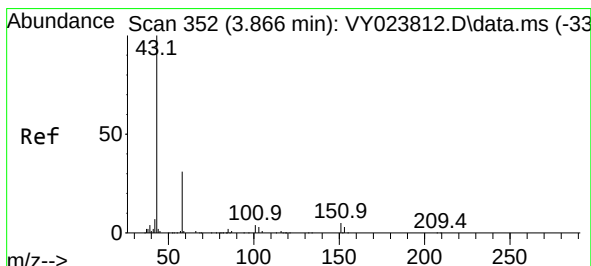
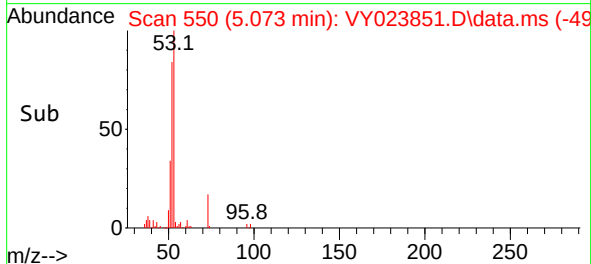
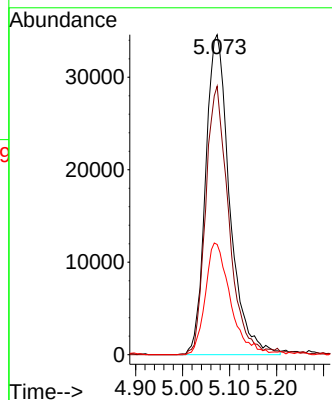
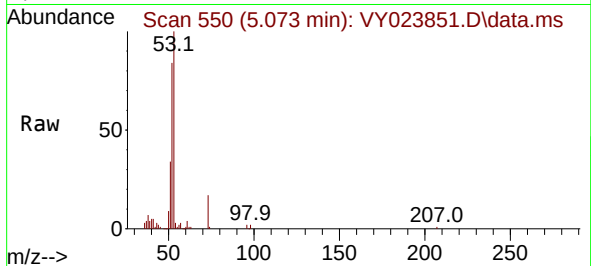




#15
Acrylonitrile
Concen: 109.169 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

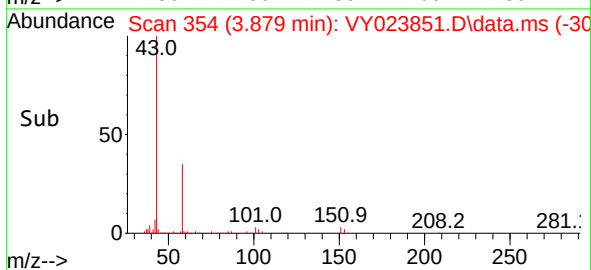
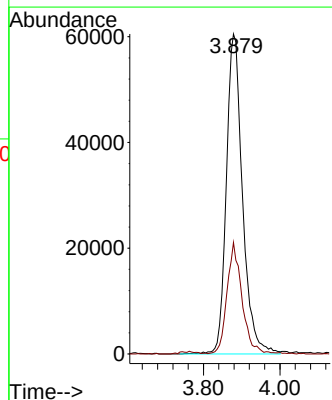
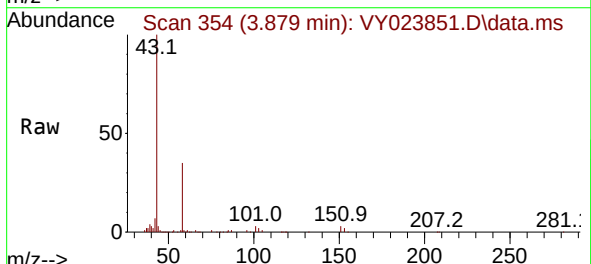
Instrument :
MSVOA_Y
ClientSampleId :

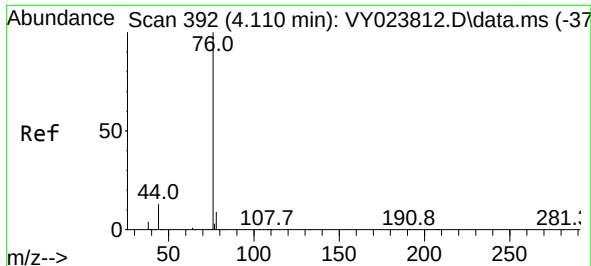
Tgt Ion: 53 Resp: 122984
Ion Ratio Lower Upper
53 100
52 80.1 64.0 96.0
51 36.4 28.7 43.1



#16
Acetone
Concen: 128.691 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 43 Resp: 177462
Ion Ratio Lower Upper
43 100
58 34.4 25.4 38.2

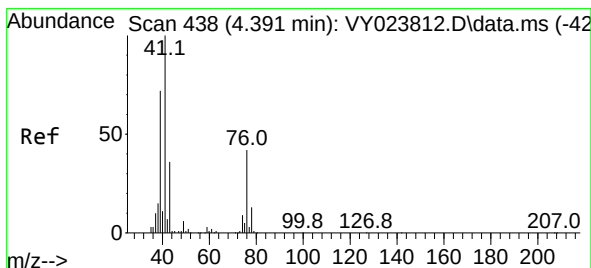
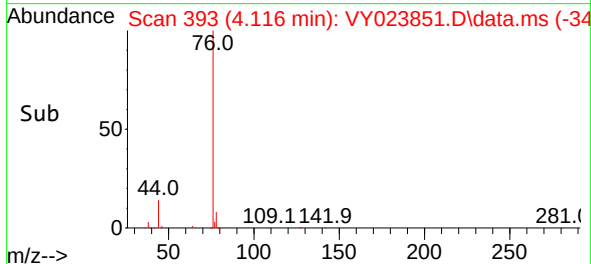
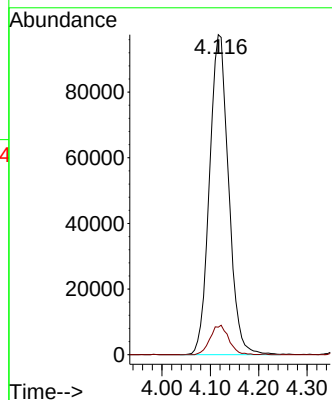
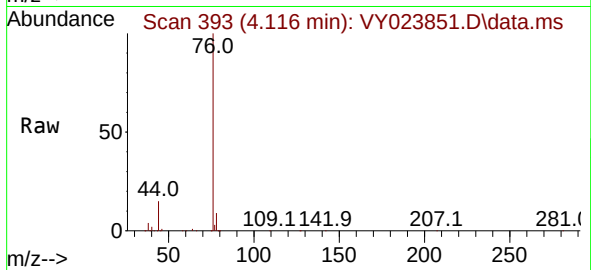




#17
Carbon Disulfide
Concen: 17.420 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

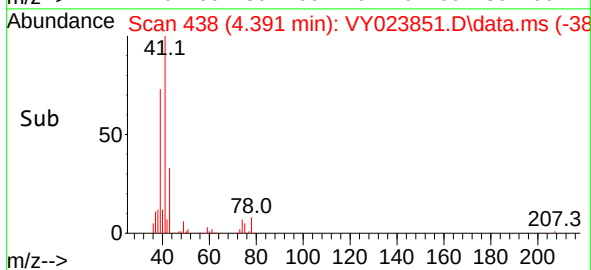
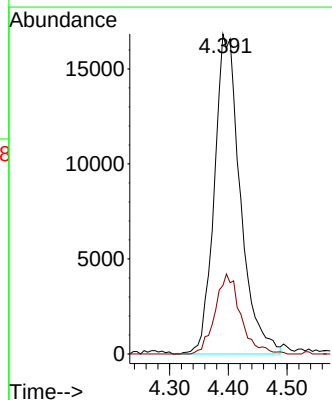
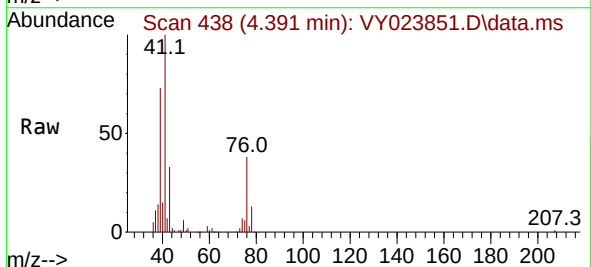
Instrument :
MSVOA_Y
ClientSampleId :

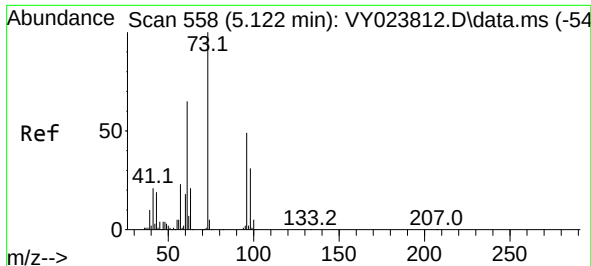
Tgt Ion: 76 Resp: 267510
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 19.390 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 43 Resp: 51638
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 20.846 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

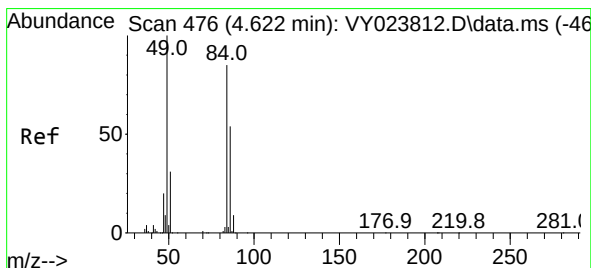
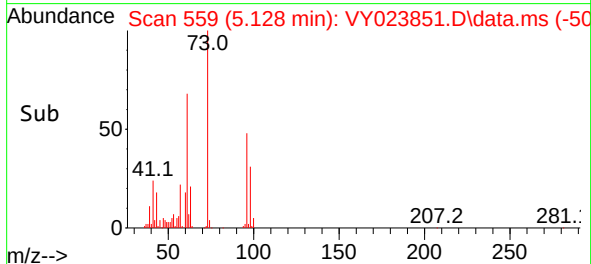
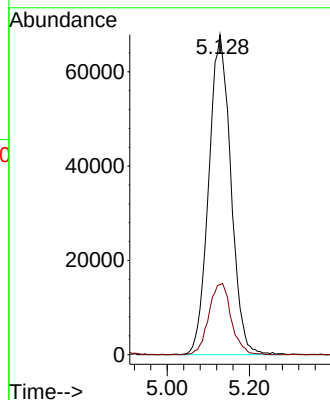
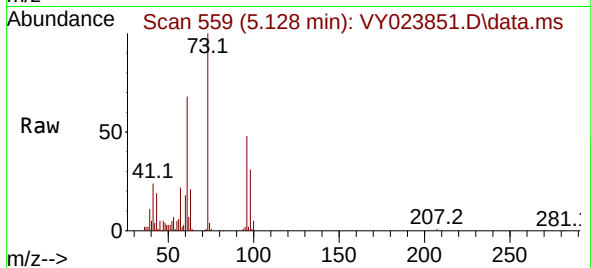
ClientSampleId :

Tgt Ion: 73 Resp: 253496

Ion Ratio Lower Upper

73 100

57 21.9 18.4 27.6



#20

Methylene Chloride

Concen: 19.443 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Tgt Ion: 84 Resp: 113349

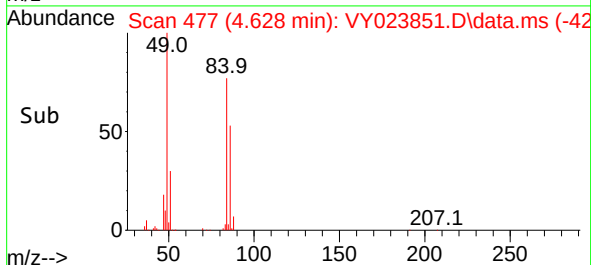
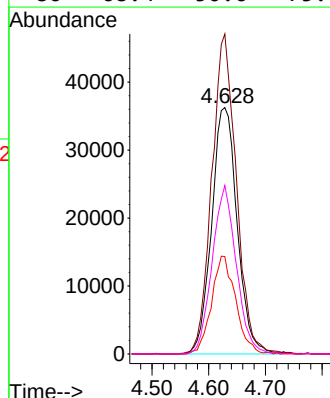
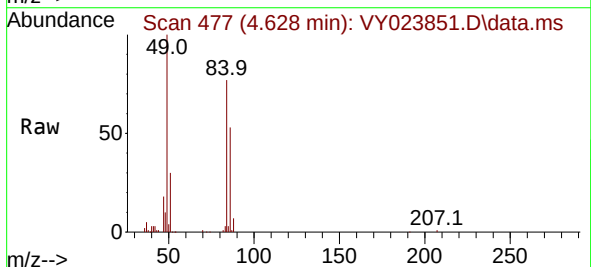
Ion Ratio Lower Upper

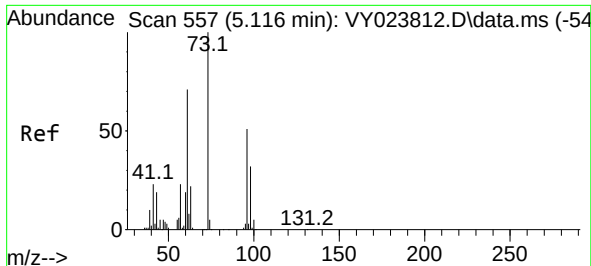
84 100

49 129.7 94.0 141.0

51 39.6 29.2 43.8

86 68.4 50.6 75.8

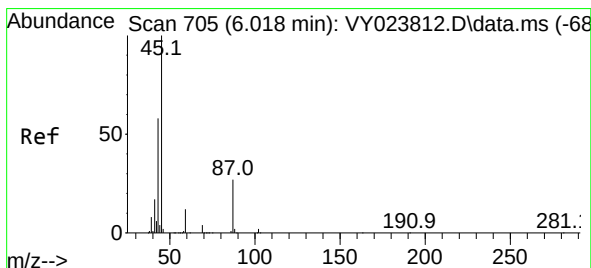
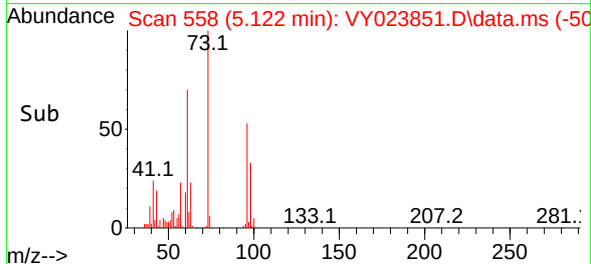
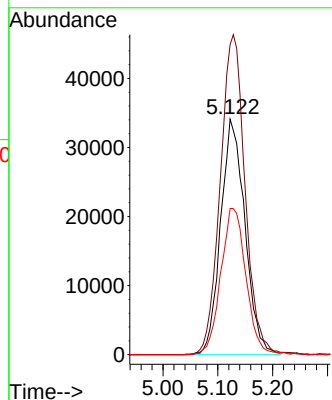
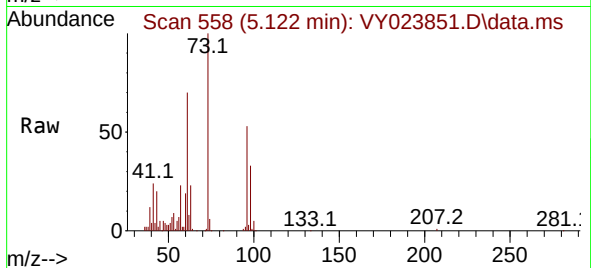




#21
trans-1,2-Dichloroethene
Concen: 19.942 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

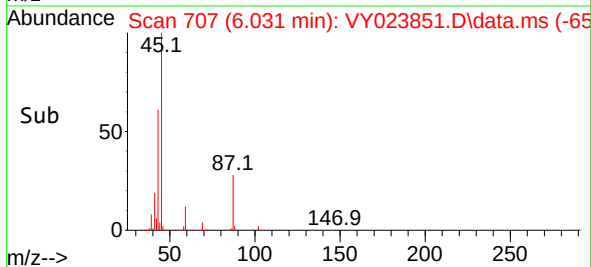
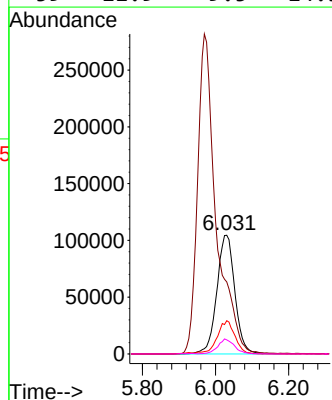
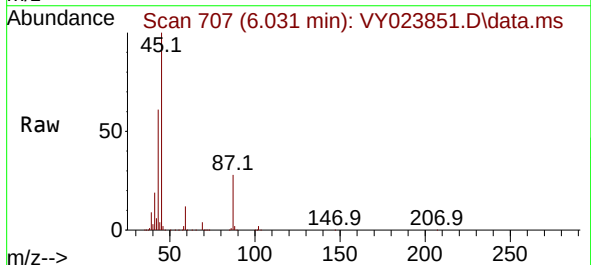
Instrument :
MSVOA_Y
ClientSampleId :

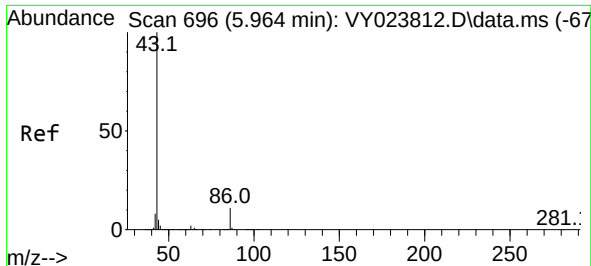
Tgt Ion: 96 Resp: 105063
Ion Ratio Lower Upper
96 100
61 131.7 111.2 166.8
98 62.1 50.5 75.7



#22
Diisopropyl ether
Concen: 22.041 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 45 Resp: 359271
Ion Ratio Lower Upper
45 100
43 60.4 46.4 69.6
87 28.1 22.1 33.1
59 11.9 9.5 14.3

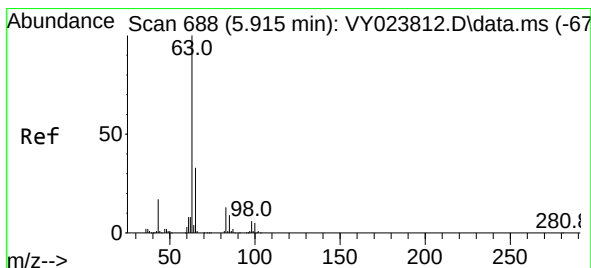
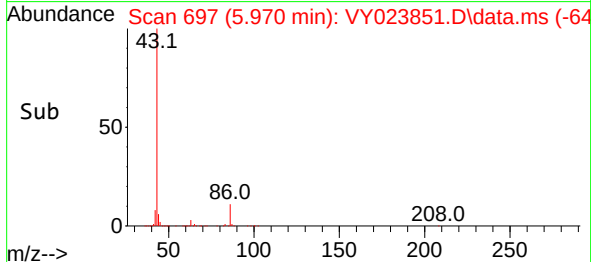
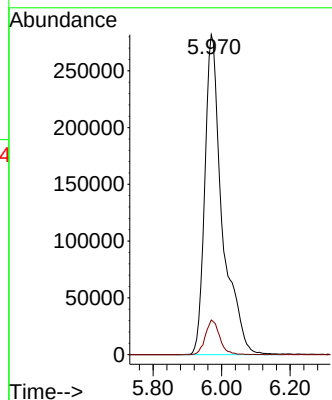
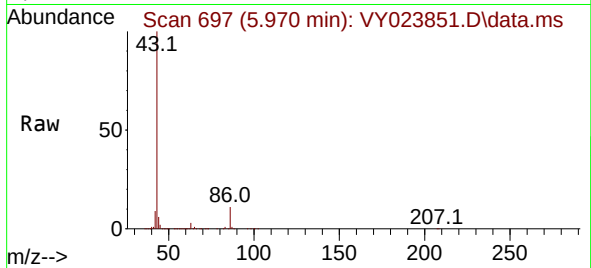




#23
 Vinyl Acetate
 Concen: 110.400 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

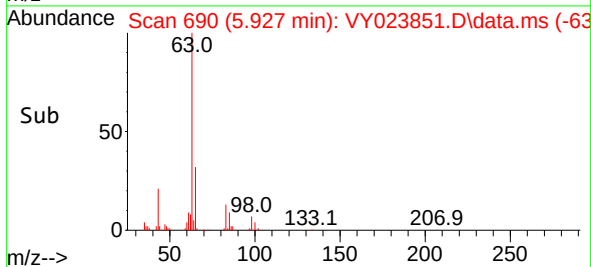
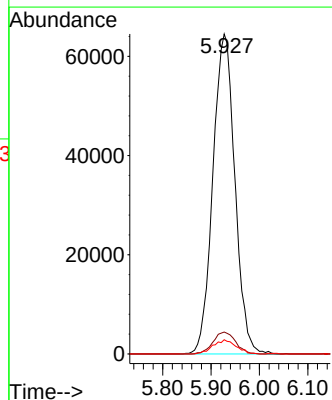
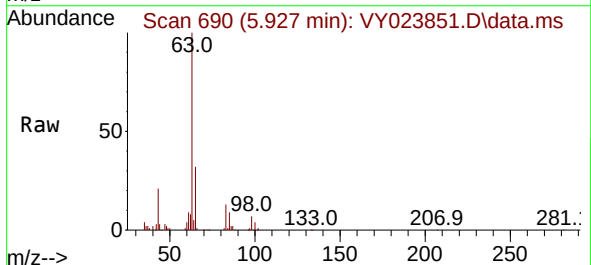
Instrument :
 MSVOA_Y
 ClientSampleId :

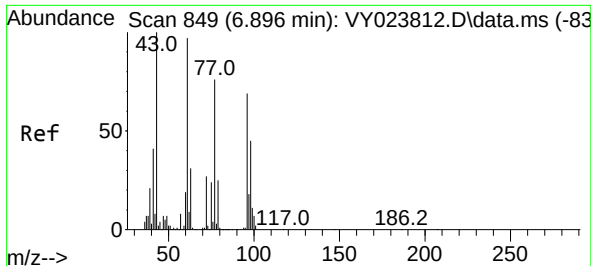
Tgt Ion: 43 Resp: 1000679
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.246 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

Tgt Ion: 63 Resp: 203723
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.8
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 123.204 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

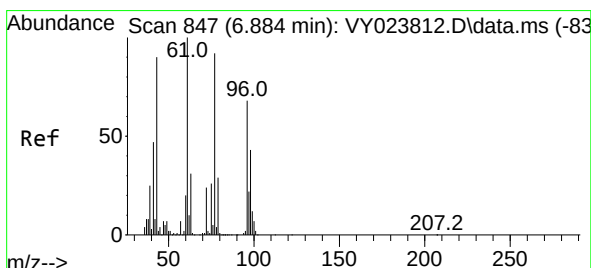
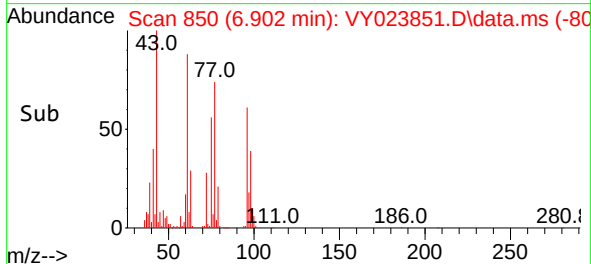
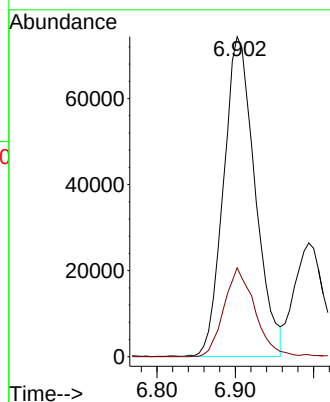
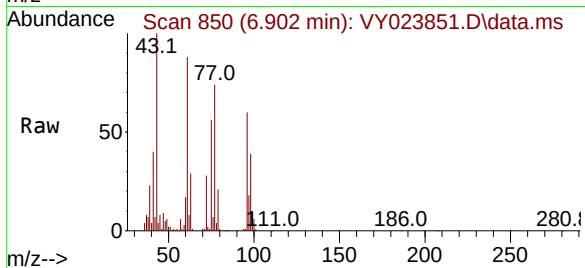
ClientSampleId :

Tgt Ion: 43 Resp: 207338

Ion Ratio Lower Upper

43 100

72 27.8 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.482 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023851.D

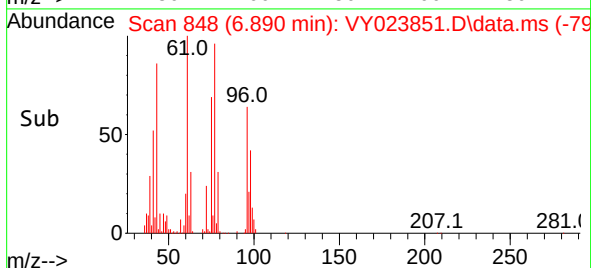
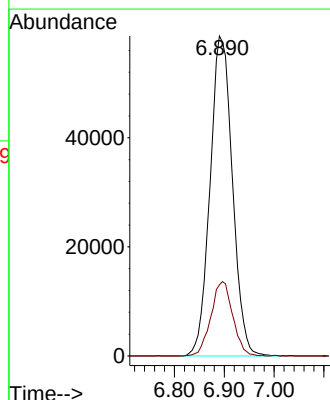
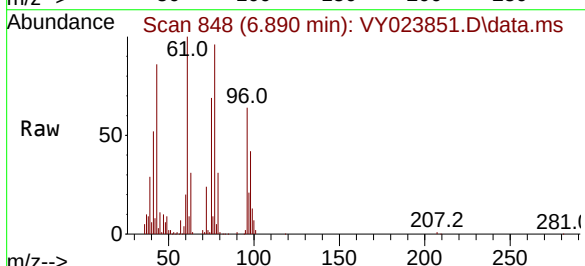
Acq: 02 Dec 2025 10:53

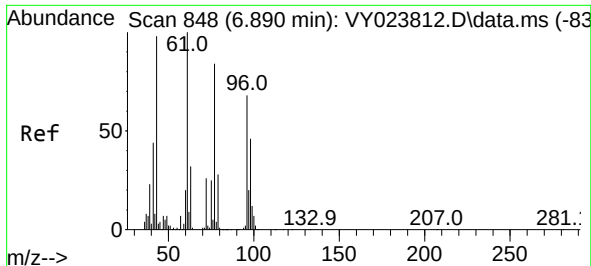
Tgt Ion: 77 Resp: 182586

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.807 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

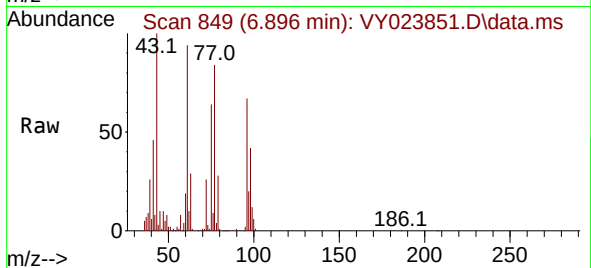
Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :



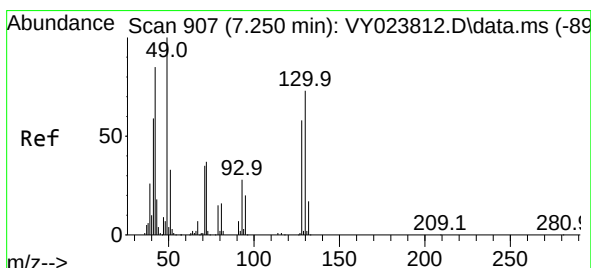
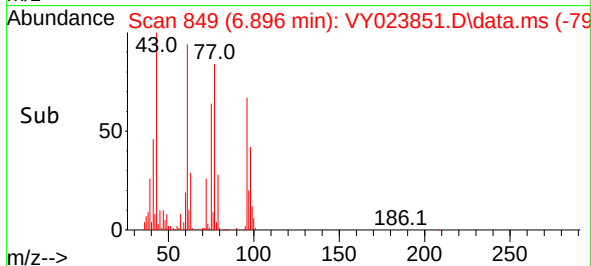
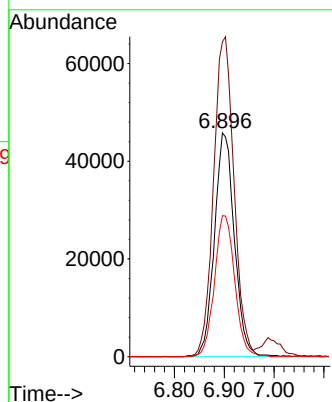
Tgt Ion: 96 Resp: 127302

Ion Ratio Lower Upper

96 100

61 146.0 0.0 291.2

98 64.0 0.0 128.6



#28

Bromochloromethane

Concen: 18.874 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

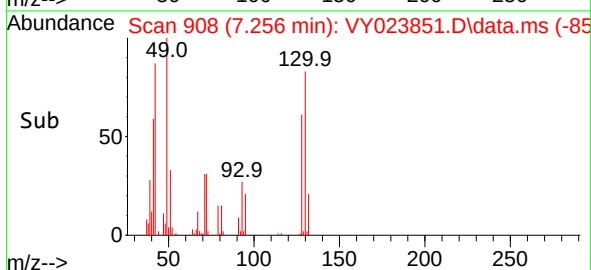
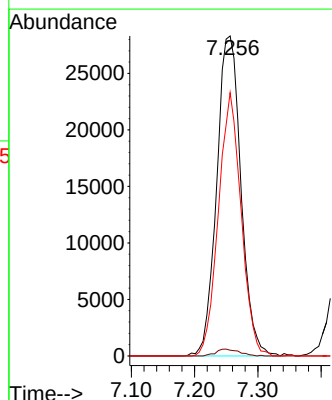
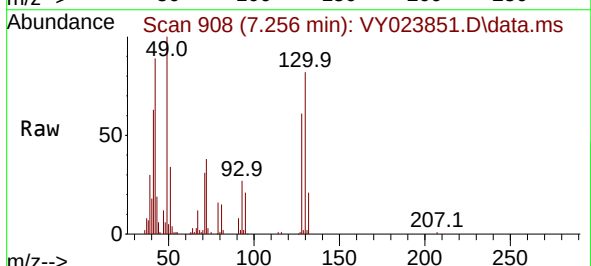
Tgt Ion: 49 Resp: 75283

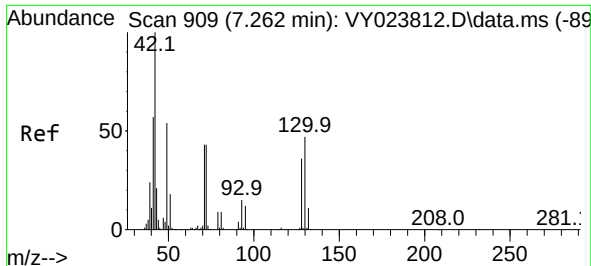
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 76.8 61.4 92.2





#29

Tetrahydrofuran

Concen: 107.180 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

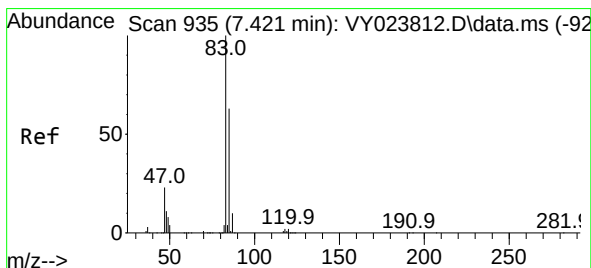
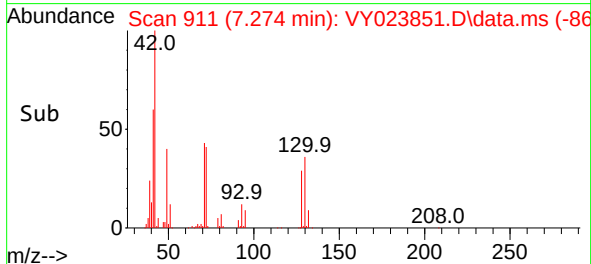
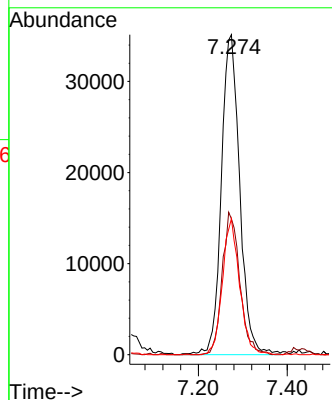
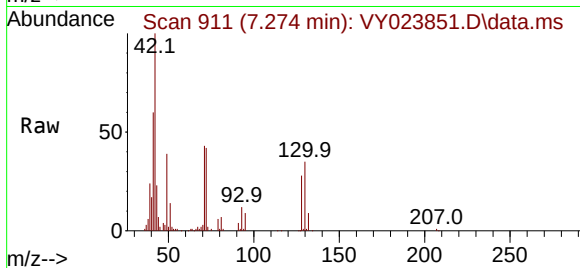
Tgt Ion: 42 Resp: 100602

Ion Ratio Lower Upper

42 100

72 42.6 35.9 53.9

71 39.8 33.3 49.9



#30

Chloroform

Concen: 21.534 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023851.D

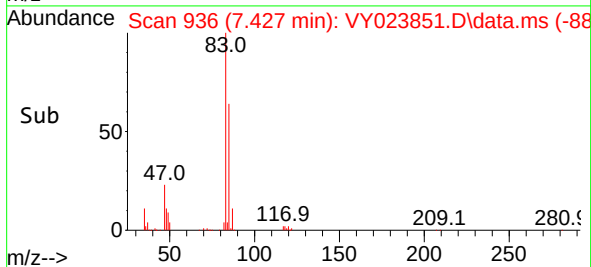
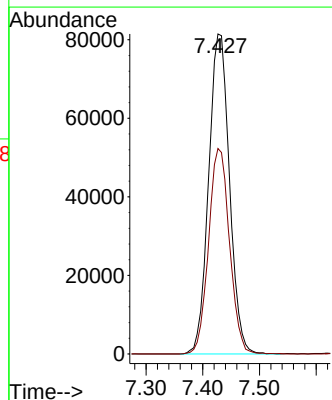
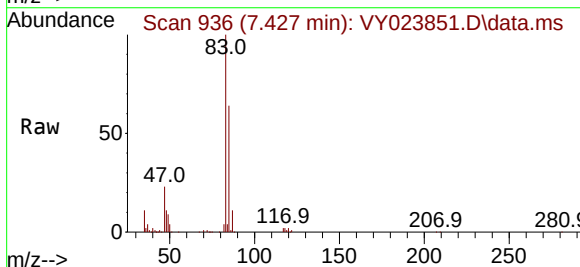
Acq: 02 Dec 2025 10:53

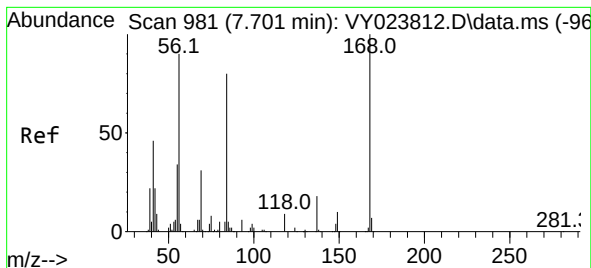
Tgt Ion: 83 Resp: 207629

Ion Ratio Lower Upper

83 100

85 64.2 50.6 76.0





#31

Cyclohexane

Concen: 20.317 ug/l

RT: 7.707 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

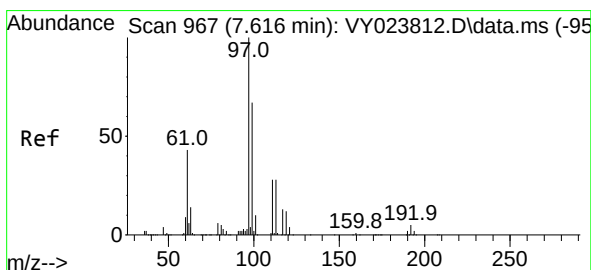
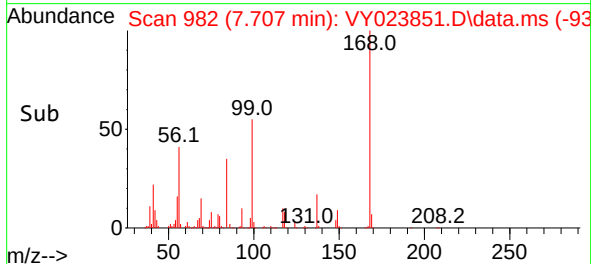
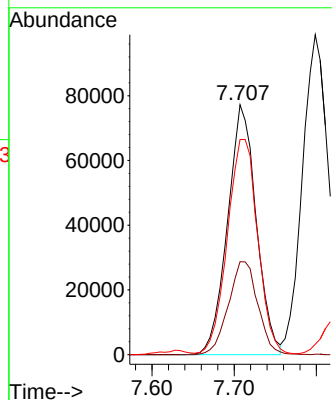
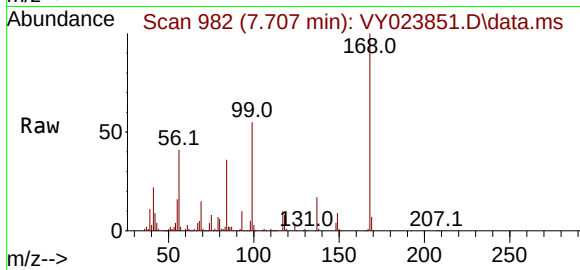
Tgt Ion: 56 Resp: 186947

Ion Ratio Lower Upper

56 100

69 37.2 27.8 41.6

84 84.4 71.8 107.8



#32

1,1,1-Trichloroethane

Concen: 21.533 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

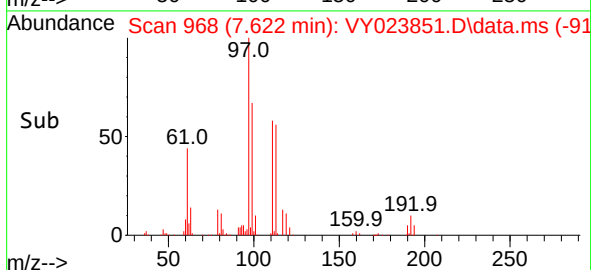
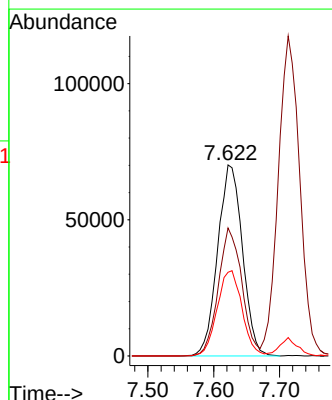
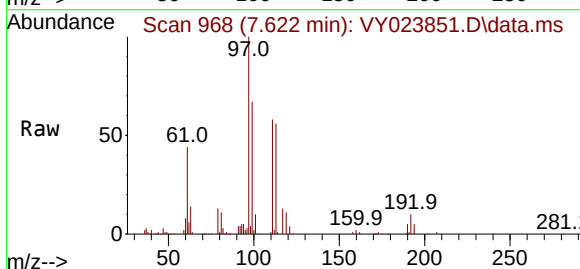
Tgt Ion: 97 Resp: 184291

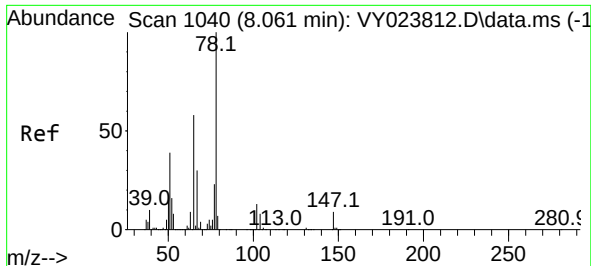
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.6

61 44.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.869 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

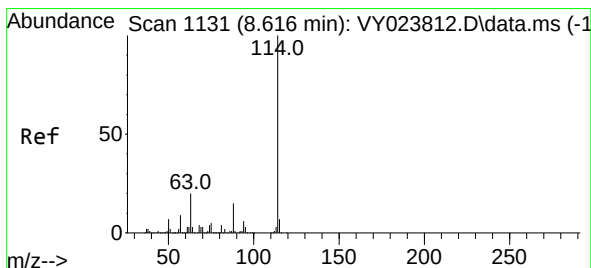
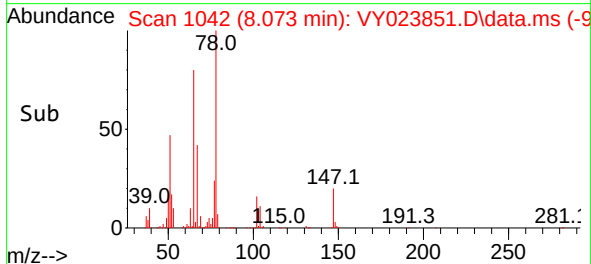
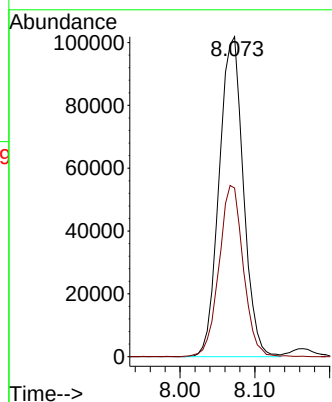
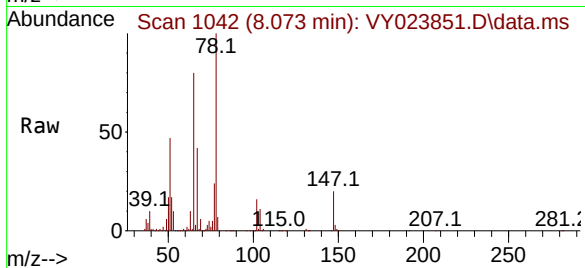
ClientSampleId :

Tgt Ion: 65 Resp: 229109

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

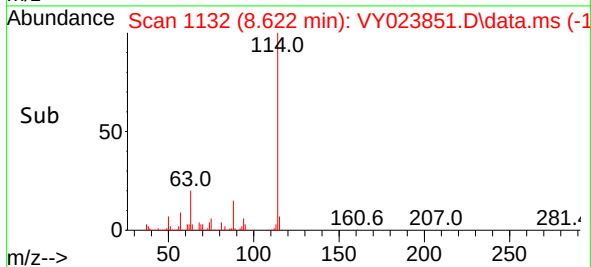
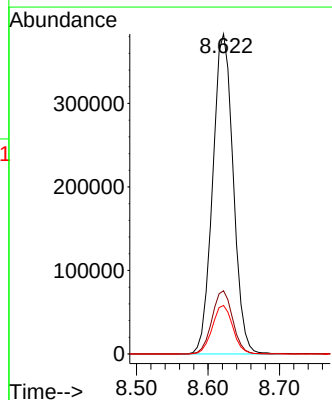
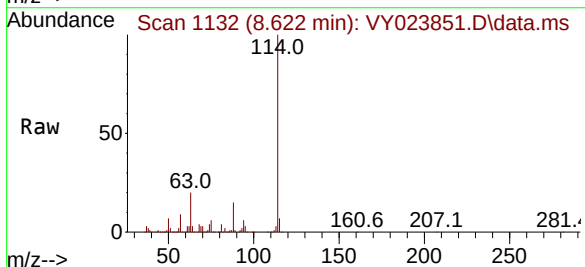
Tgt Ion:114 Resp: 764018

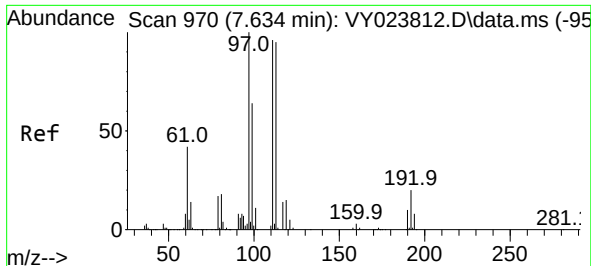
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.553 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

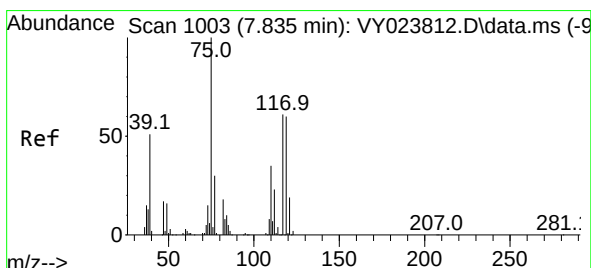
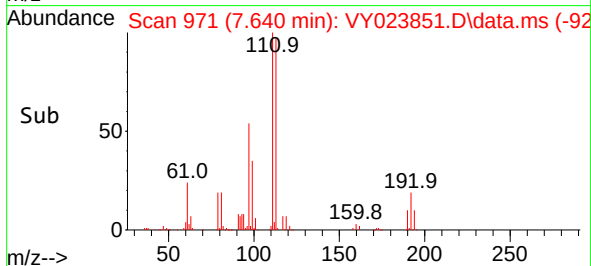
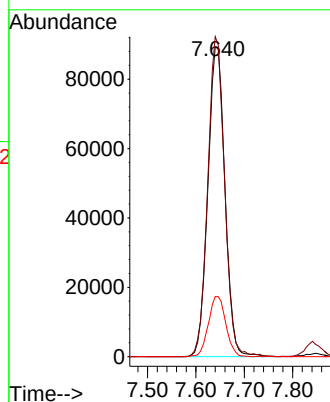
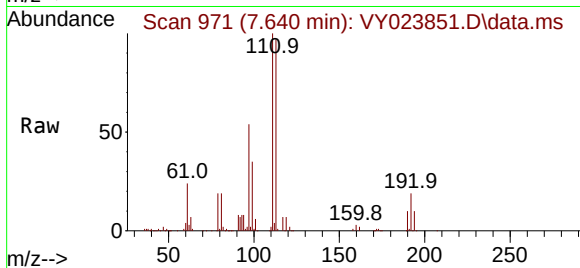
Tgt Ion:113 Resp: 219750

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 19.8 15.8 23.8



#36

1,1-Dichloropropene

Concen: 21.232 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

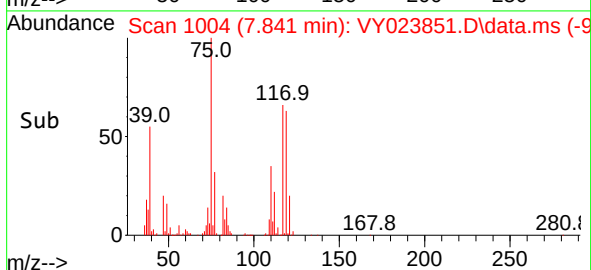
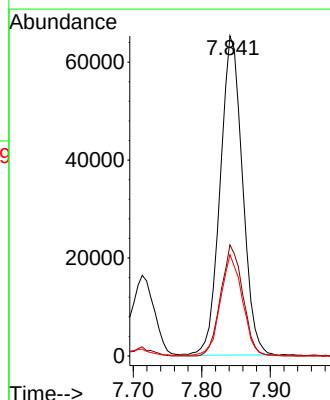
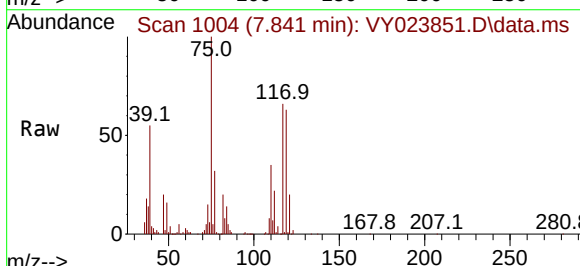
Tgt Ion: 75 Resp: 147335

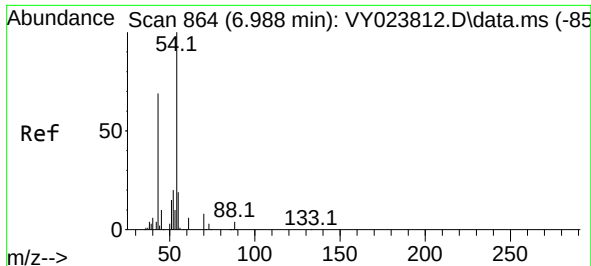
Ion Ratio Lower Upper

75 100

110 34.3 17.6 52.8

77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 22.189 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

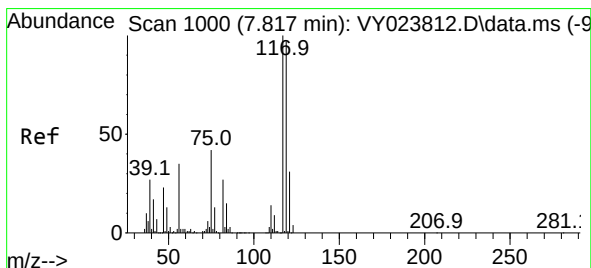
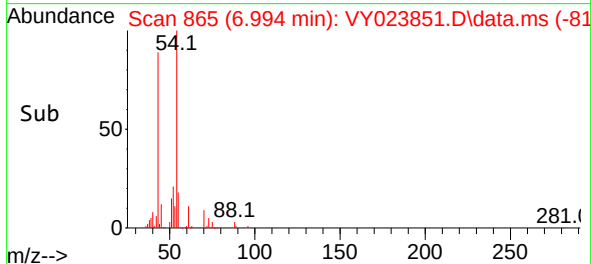
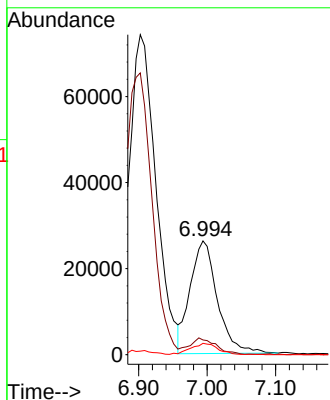
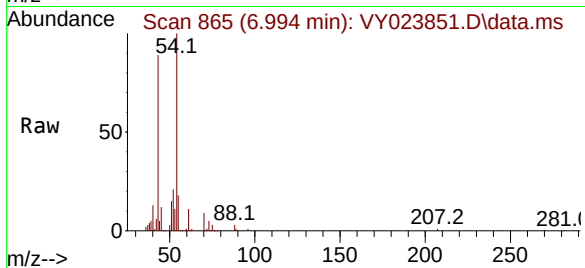
Tgt Ion: 43 Resp: 72426

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.763 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

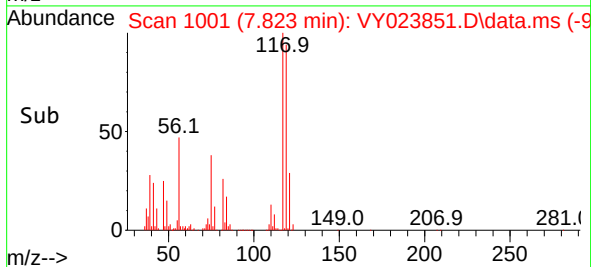
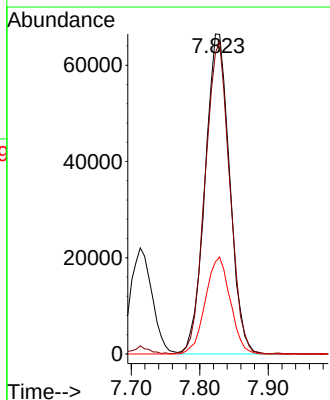
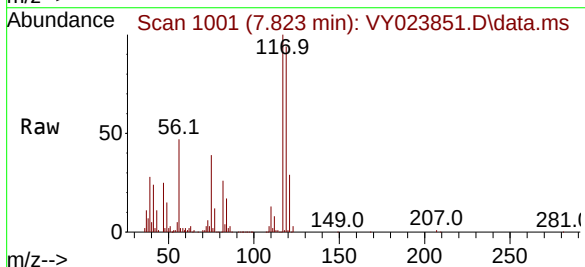
Tgt Ion: 117 Resp: 165772

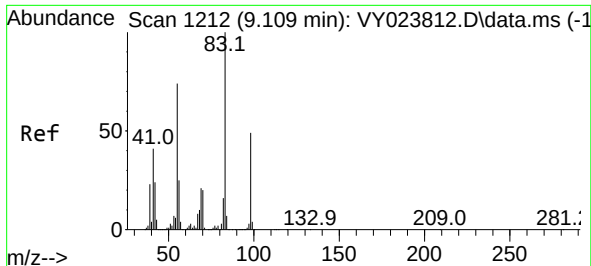
Ion Ratio Lower Upper

117 100

119 93.9 77.3 115.9

121 28.8 25.0 37.6





#39

Methylcyclohexane

Concen: 20.542 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

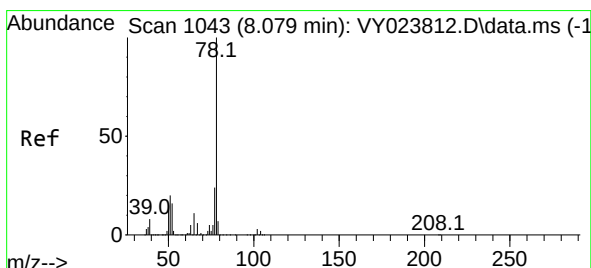
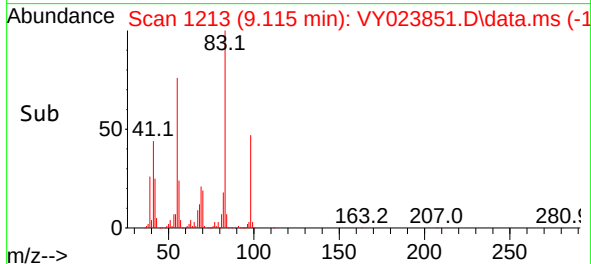
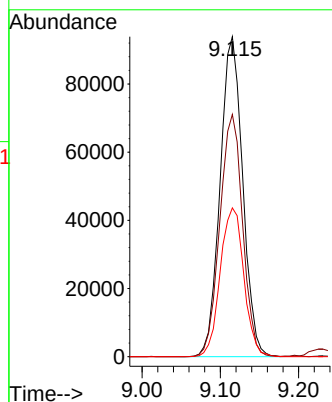
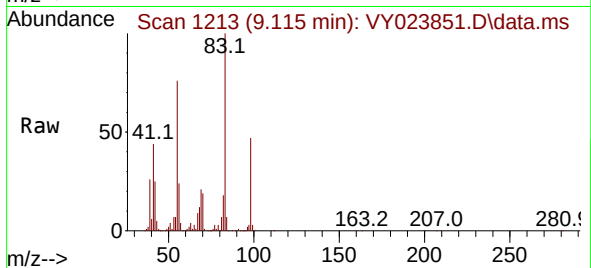
Tgt Ion: 83 Resp: 188264

Ion Ratio Lower Upper

83 100

55 75.7 59.4 89.2

98 46.5 39.5 59.3



#40

Benzene

Concen: 21.560 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023851.D

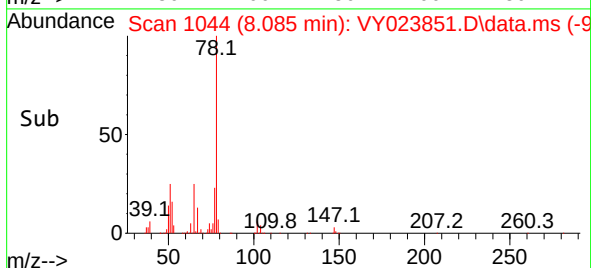
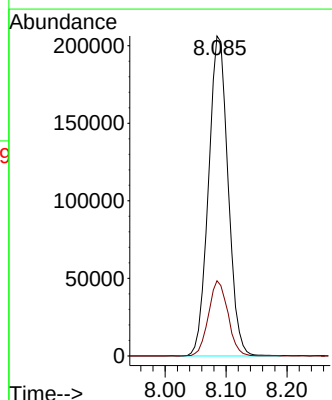
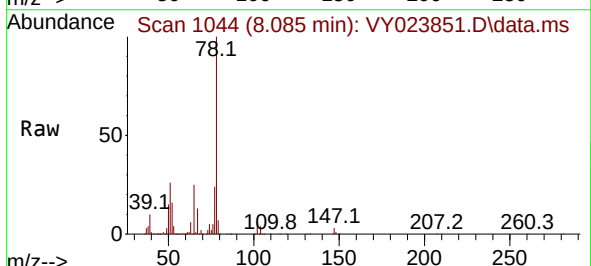
Acq: 02 Dec 2025 10:53

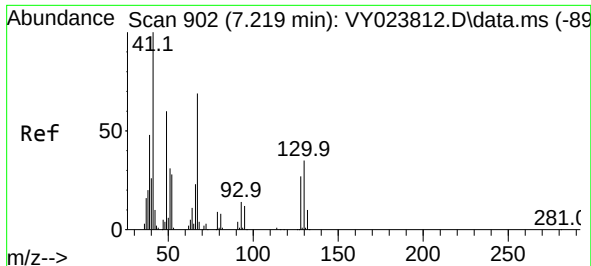
Tgt Ion: 78 Resp: 460426

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

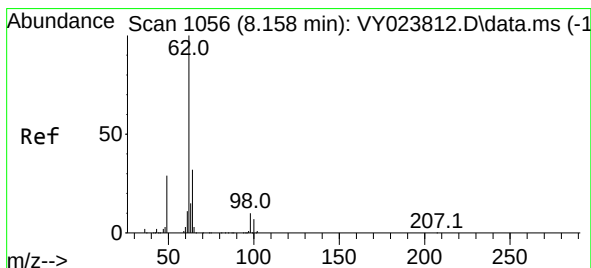
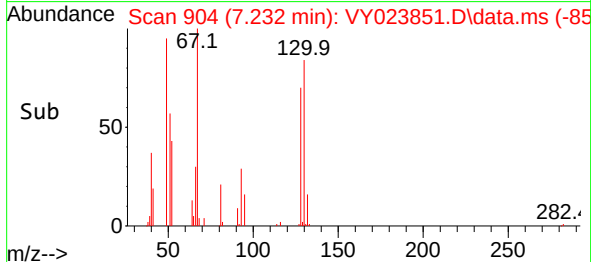
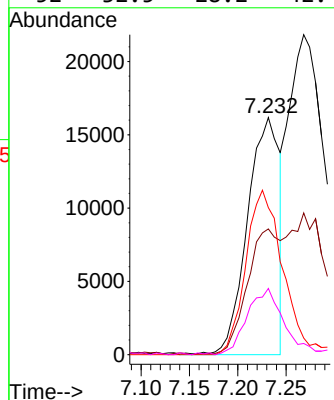
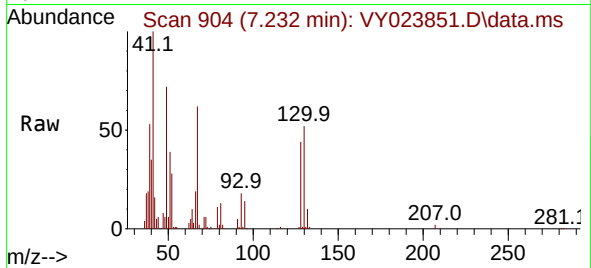




#41
Methacrylonitrile
Concen: 22.989 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

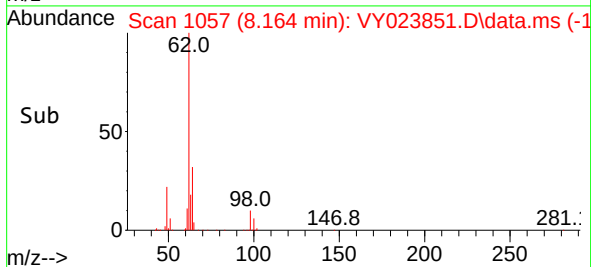
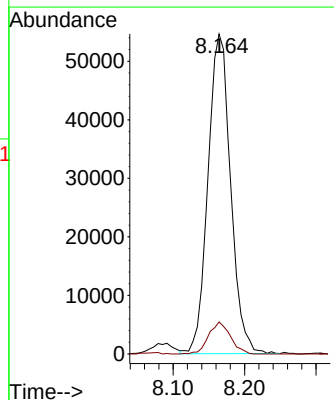
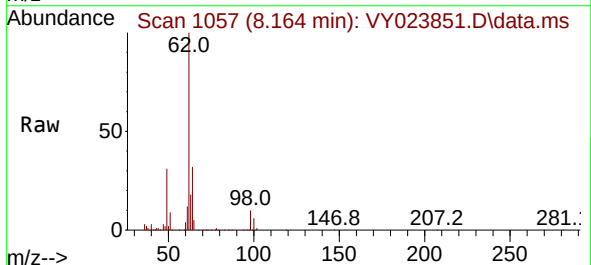
Instrument :
MSVOA_Y
ClientSampleId :

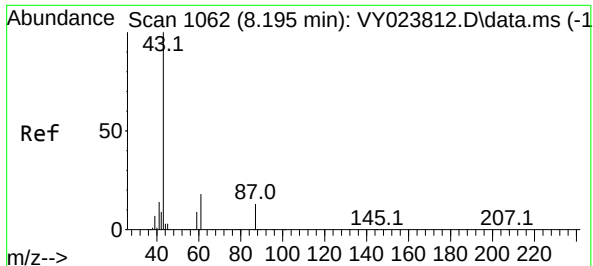
Tgt Ion: 41 Resp: 37463
Ion Ratio Lower Upper
41 100
39 53.9 40.6 61.0
67 81.3 67.9 101.9
52 32.5 28.2 42.4



#42
1,2-Dichloroethane
Concen: 21.818 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 62 Resp: 120116
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8

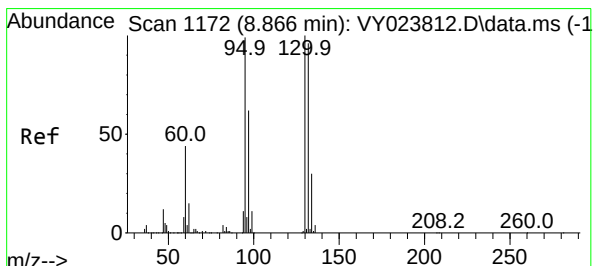
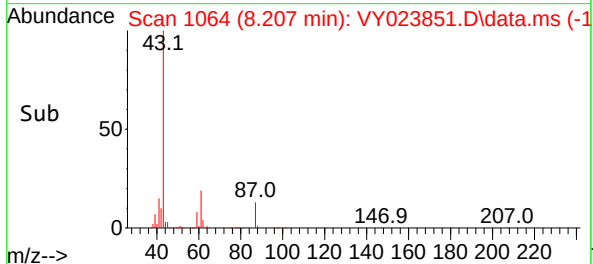
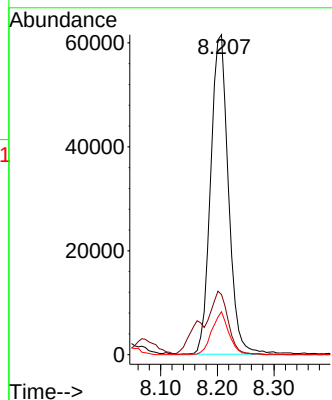
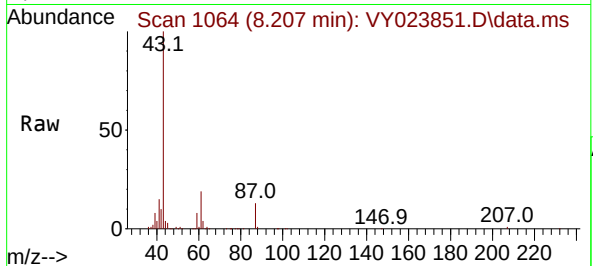




#43
Isopropyl Acetate
Concen: 21.982 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

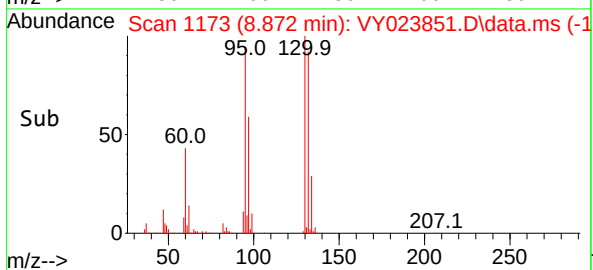
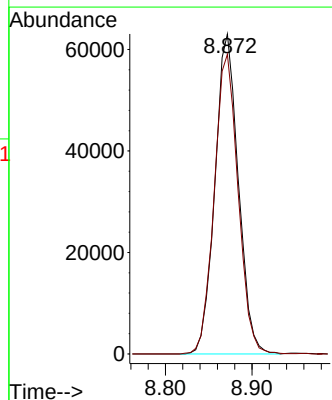
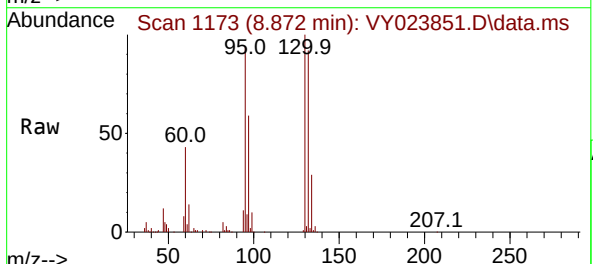
Instrument :
MSVOA_Y
ClientSampleId :

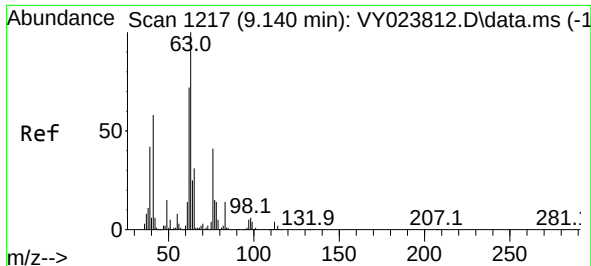
Tgt Ion: 43 Resp: 134089
Ion Ratio Lower Upper
43 100
61 20.0 24.3 36.5#
87 12.9 11.0 16.4



#44
Trichloroethene
Concen: 21.578 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion:130 Resp: 118233
Ion Ratio Lower Upper
130 100
95 93.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 21.899 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

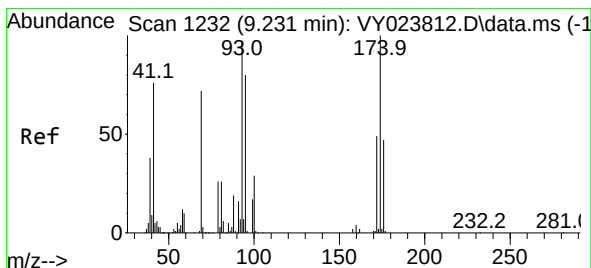
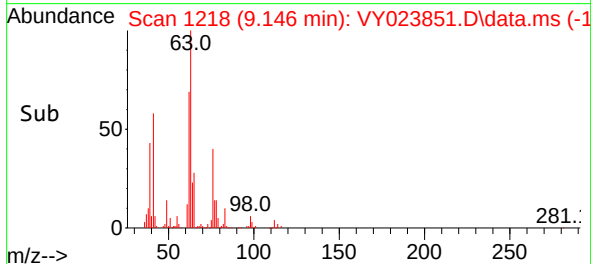
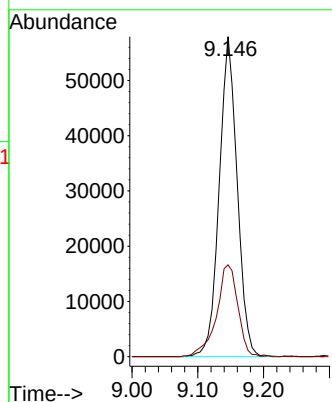
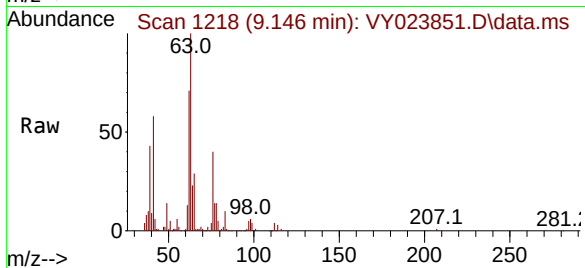
ClientSampleId :

Tgt Ion: 63 Resp: 110259

Ion Ratio Lower Upper

63 100

65 28.7 25.0 37.6



#46

Dibromomethane

Concen: 21.804 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

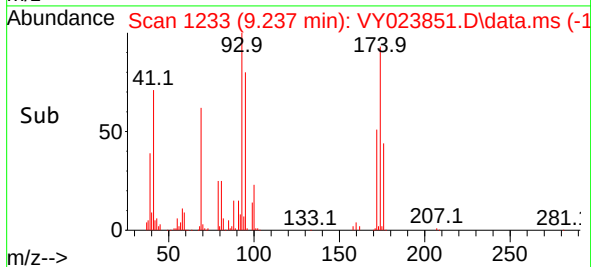
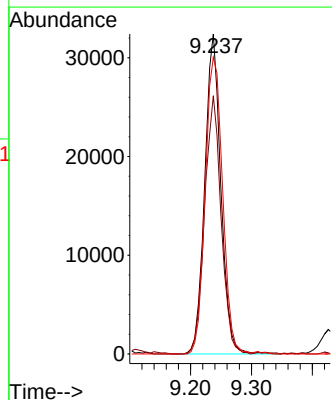
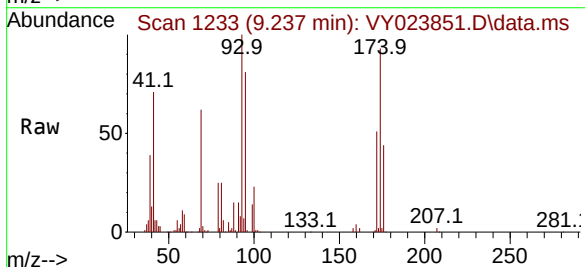
Tgt Ion: 93 Resp: 59571

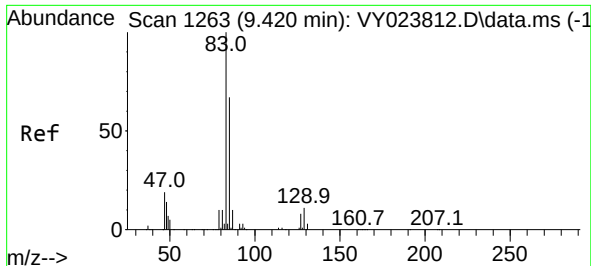
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 100.2 80.6 121.0





#47

Bromodichloromethane

Concen: 21.900 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

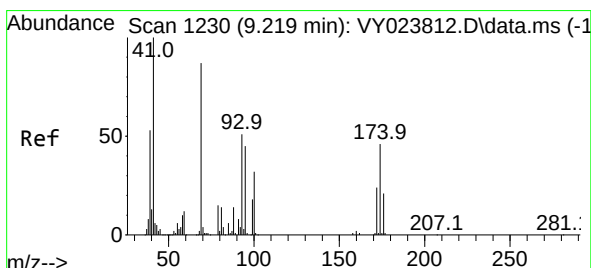
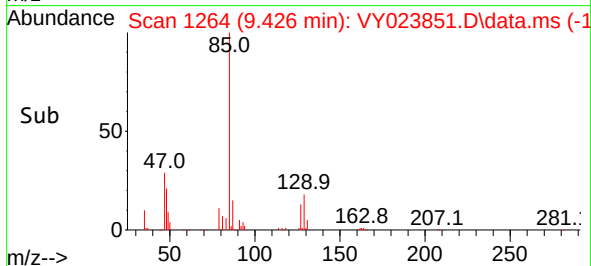
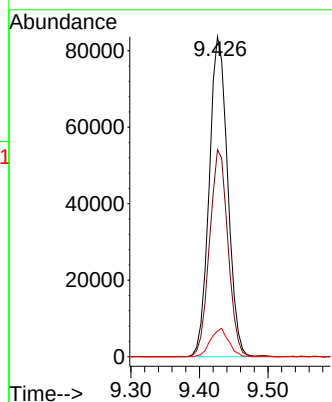
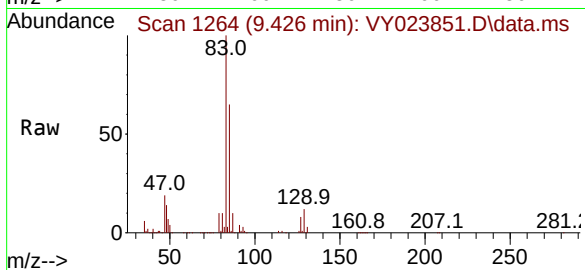
Tgt Ion: 83 Resp: 156370

Ion Ratio Lower Upper

83 100

85 64.7 53.7 80.5

127 8.1 6.6 10.0



#48

Methyl methacrylate

Concen: 21.579 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

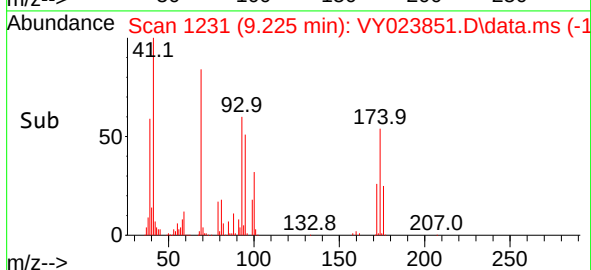
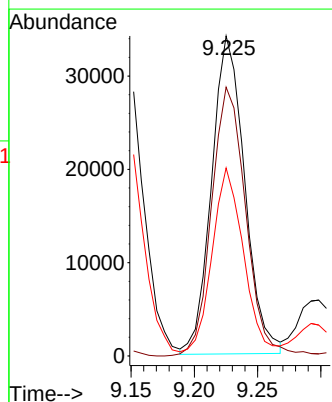
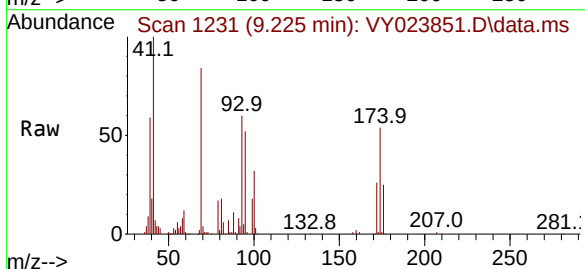
Tgt Ion: 41 Resp: 61974

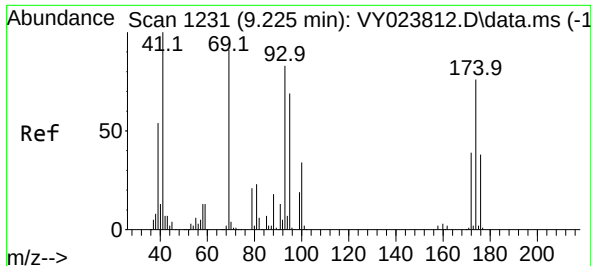
Ion Ratio Lower Upper

41 100

69 87.6 69.1 103.7

39 54.3 41.2 61.8





#49

1,4-Dioxane

Concen: 431.231 ug/l

RT: 9.243 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

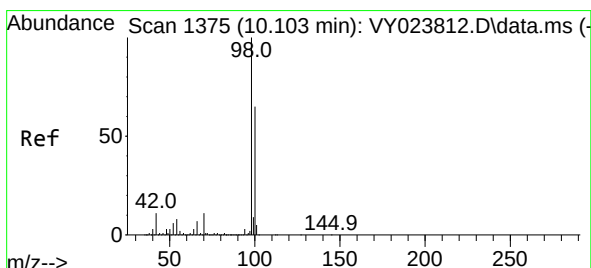
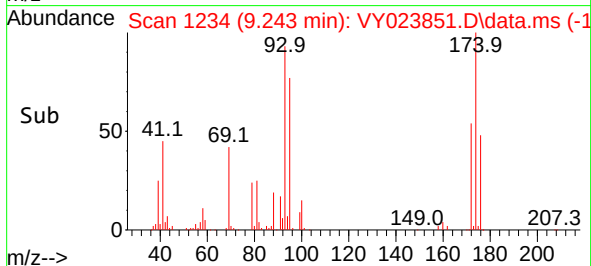
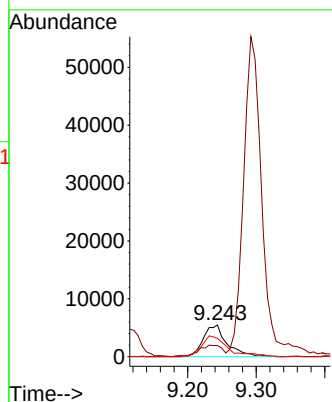
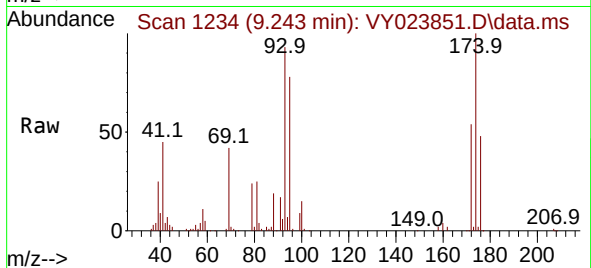
Tgt Ion: 88 Resp: 13204

Ion Ratio Lower Upper

88 100

43 36.0 24.6 37.0

58 72.5 53.4 80.2



#50

Toluene-d8

Concen: 47.928 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023851.D

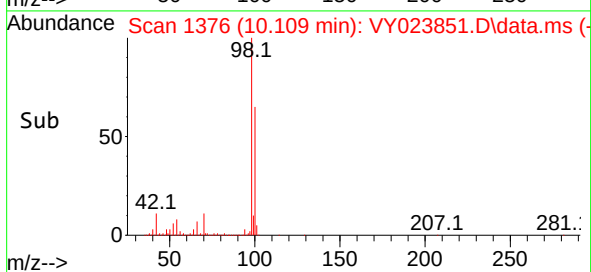
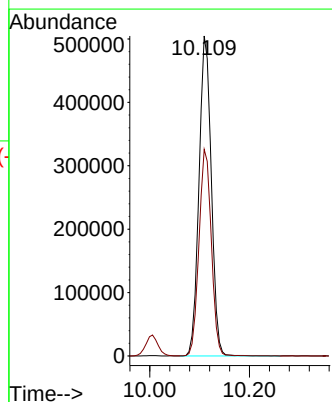
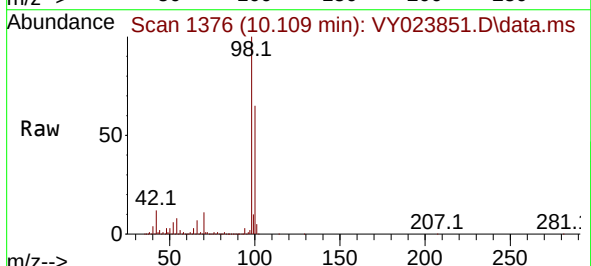
Acq: 02 Dec 2025 10:53

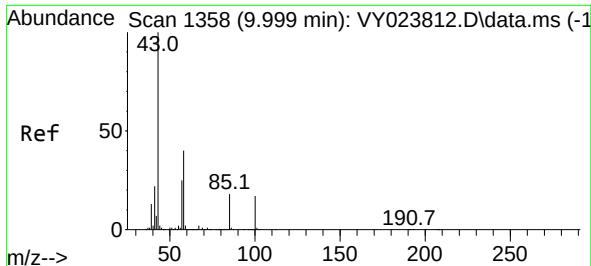
Tgt Ion: 98 Resp: 861612

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 113.608 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

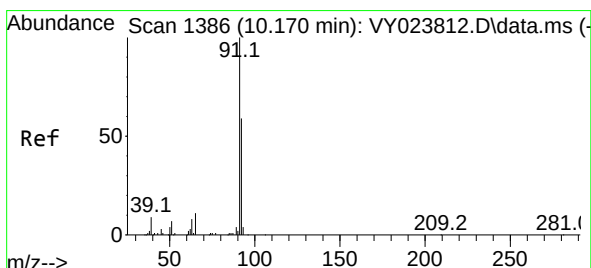
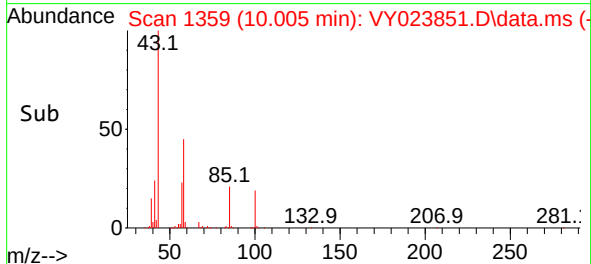
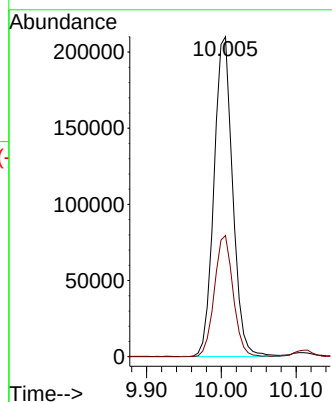
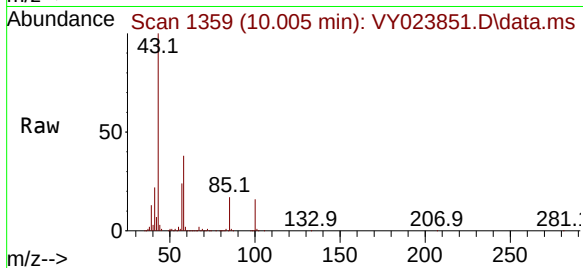
ClientSampleId :

Tgt Ion: 43 Resp: 364810

Ion Ratio Lower Upper

43 100

58 38.0 32.4 48.6



#52

Toluene

Concen: 21.595 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY023851.D

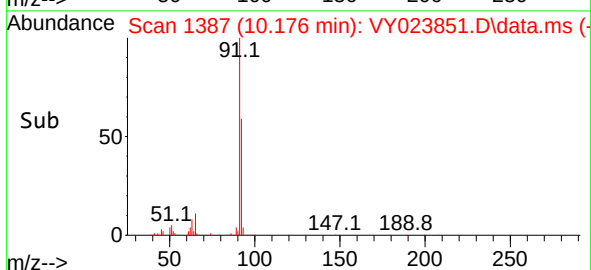
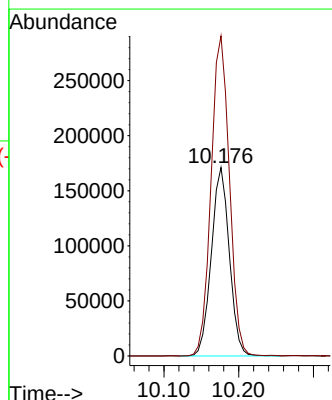
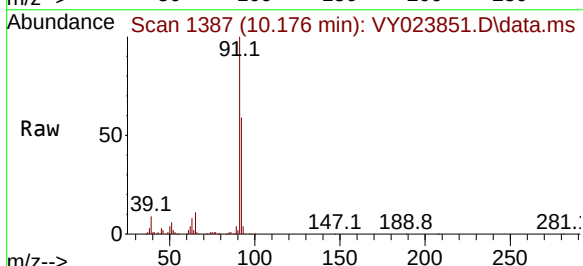
Acq: 02 Dec 2025 10:53

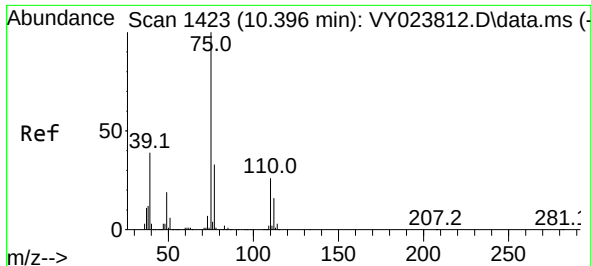
Tgt Ion: 92 Resp: 285889

Ion Ratio Lower Upper

92 100

91 173.3 136.8 205.2

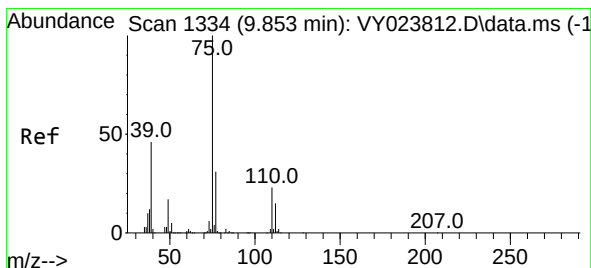
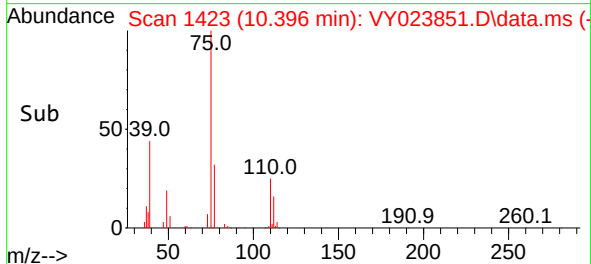
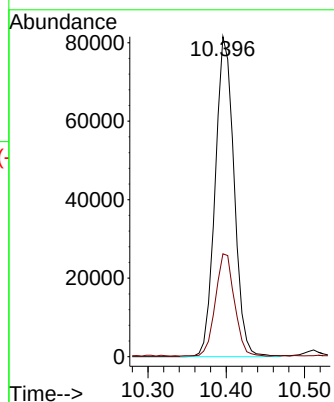
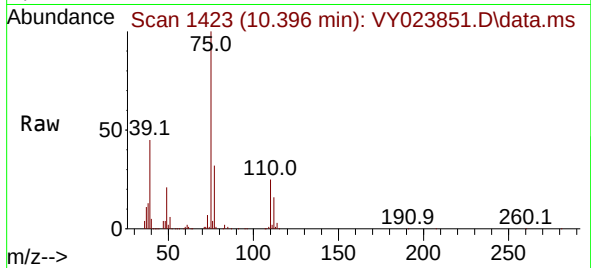




#53
 t-1,3-Dichloropropene
 Concen: 20.900 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

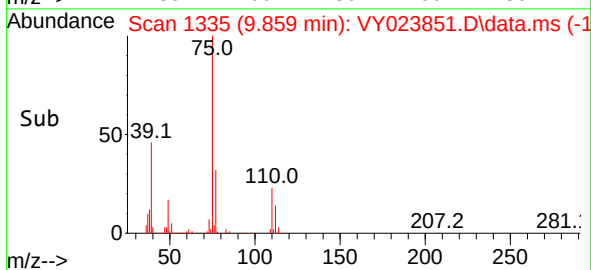
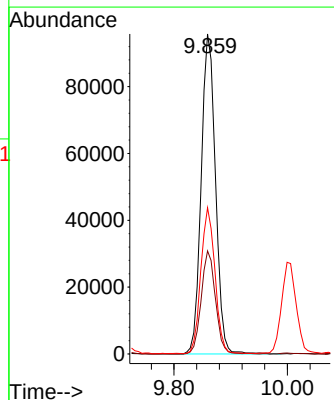
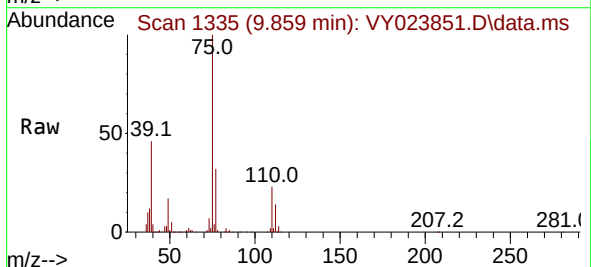
Instrument :
 MSVOA_Y
 ClientSampleId :

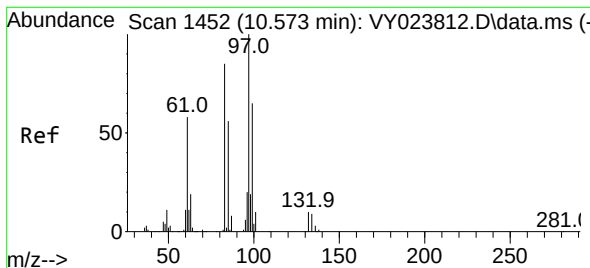
Tgt Ion: 75 Resp: 136696
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.407 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

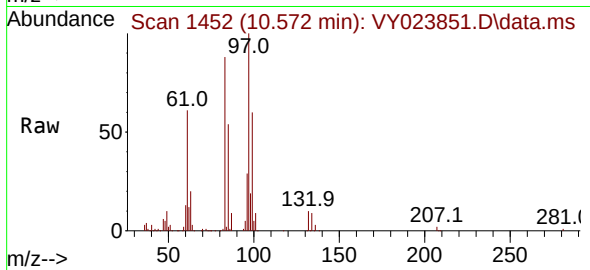
Tgt Ion: 75 Resp: 167599
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 45.6 36.6 55.0



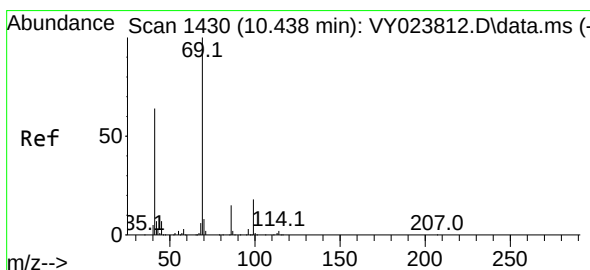
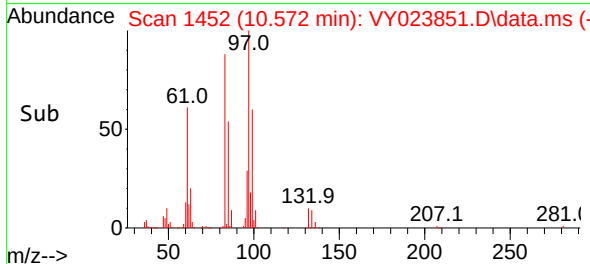
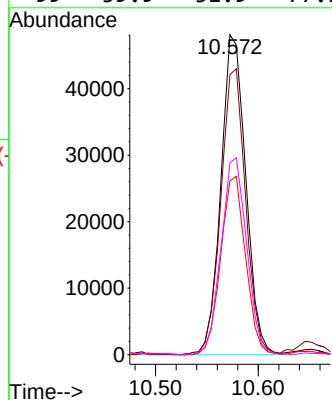


#55
1,1,2-Trichloroethane
Concen: 22.091 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Instrument :
MSVOA_Y
ClientSampleId :

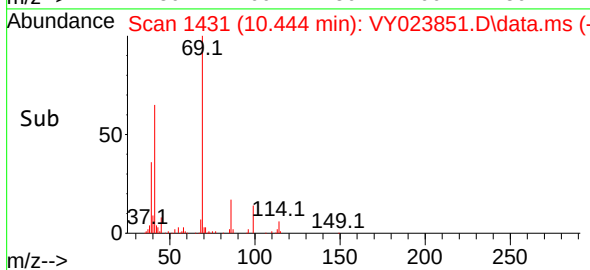
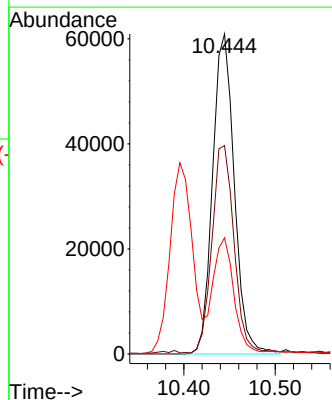
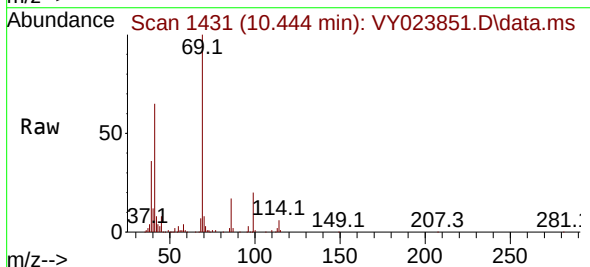


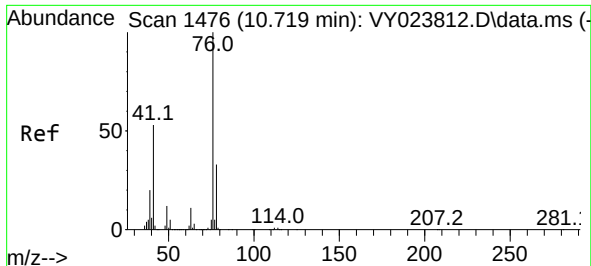
Tgt Ion: 97	Resp: 80847
Ion Ratio	Lower Upper
97 100	
83 87.5	68.1 102.1
85 54.3	45.0 67.4
99 59.9	51.9 77.9



#56
Ethyl methacrylate
Concen: 20.898 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 69	Resp: 100425
Ion Ratio	Lower Upper
69 100	
41 65.8	50.9 76.3
39 34.4	26.6 40.0





#57

1,3-Dichloropropane

Concen: 22.034 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

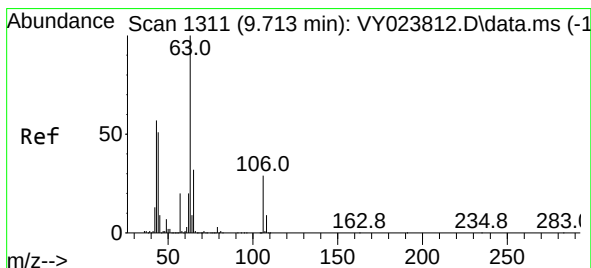
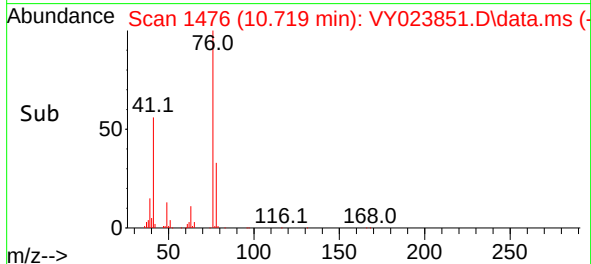
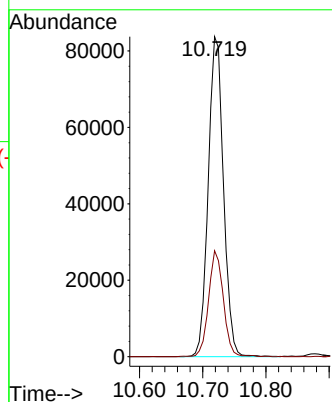
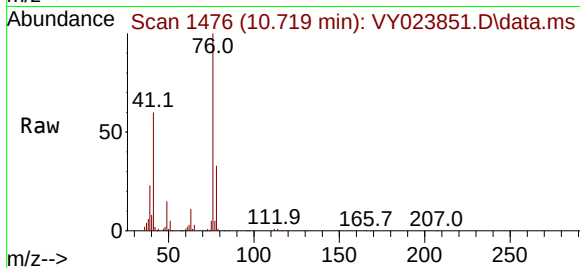
ClientSampleId :

Tgt Ion: 76 Resp: 140674

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 99.175 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023851.D

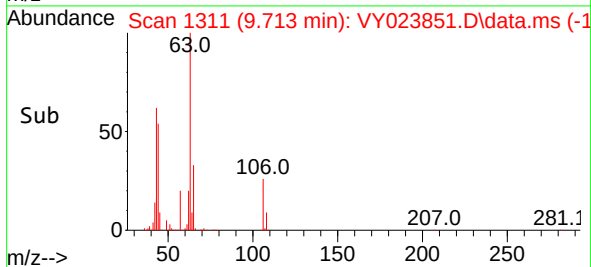
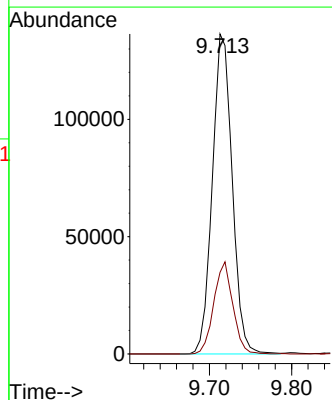
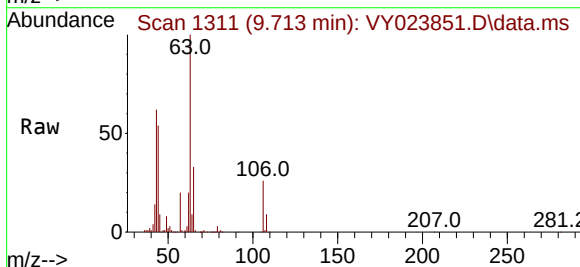
Acq: 02 Dec 2025 10:53

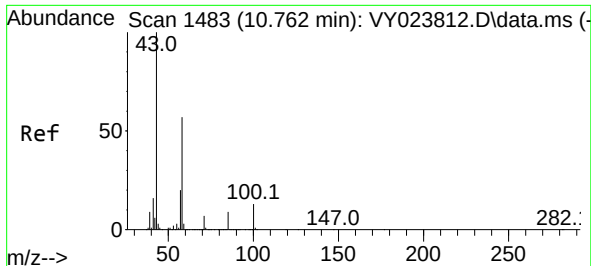
Tgt Ion: 63 Resp: 228950

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.2

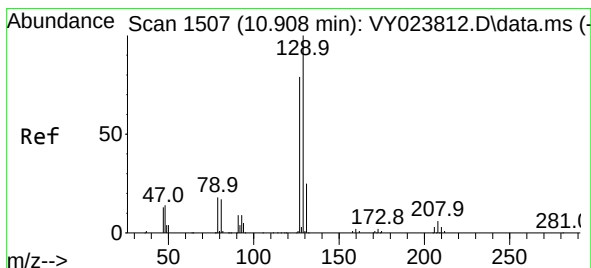
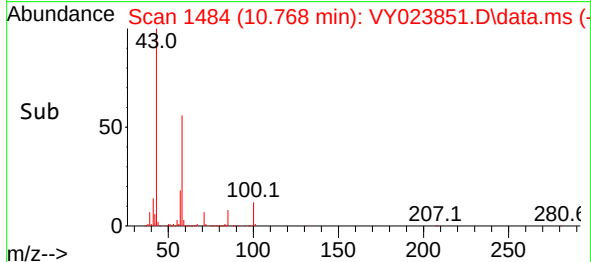
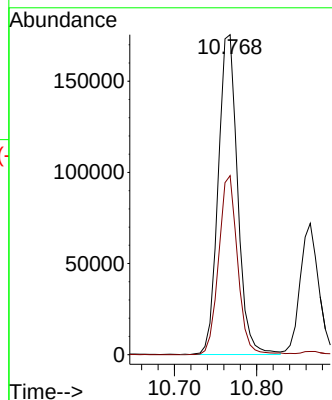
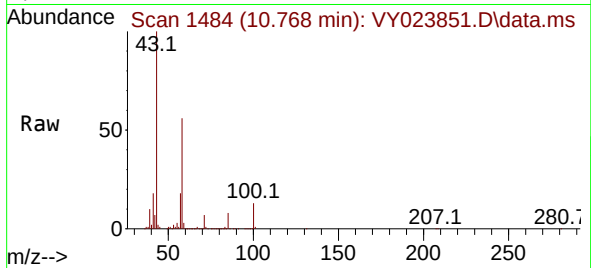




#59
2-Hexanone
Concen: 121.341 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

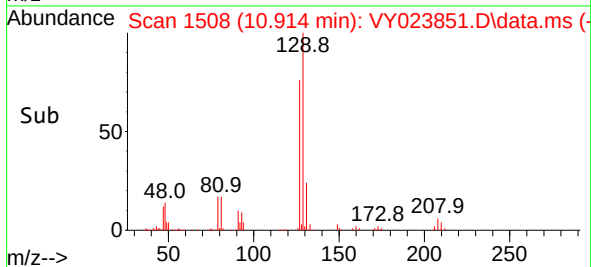
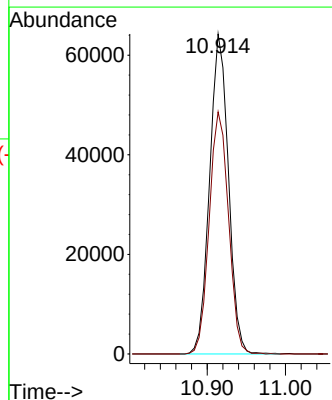
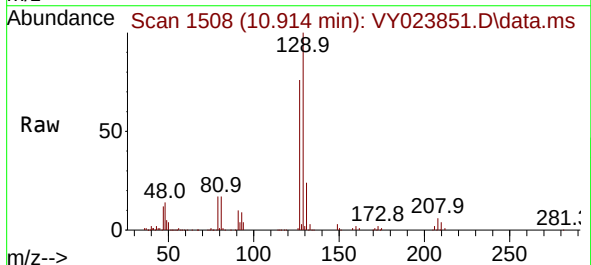
Instrument :
MSVOA_Y
ClientSampleId :

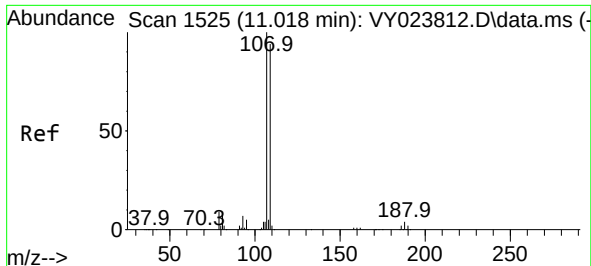
Tgt Ion: 43 Resp: 288131
Ion Ratio Lower Upper
43 100
58 54.8 28.3 85.0



#60
Dibromochloromethane
Concen: 21.813 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion:129 Resp: 107128
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6

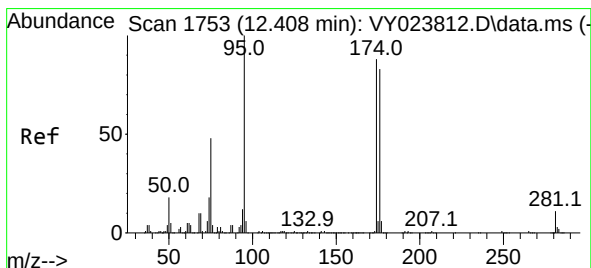
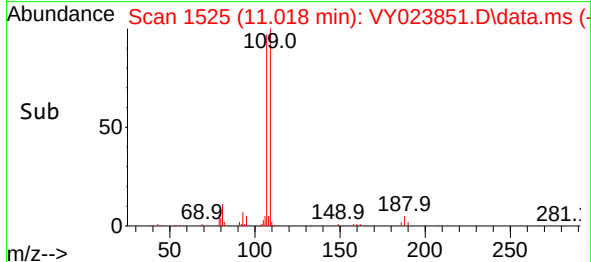
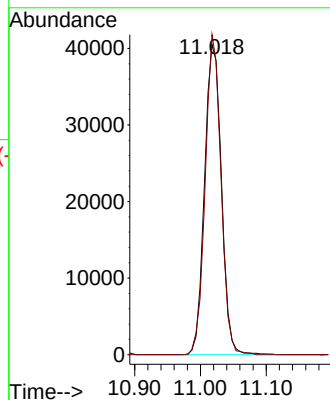
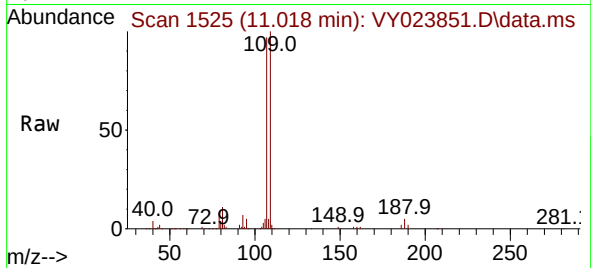




#61
1,2-Dibromoethane
Concen: 21.258 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

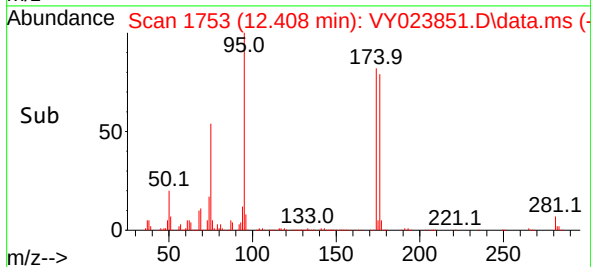
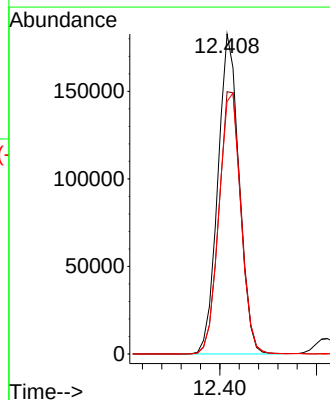
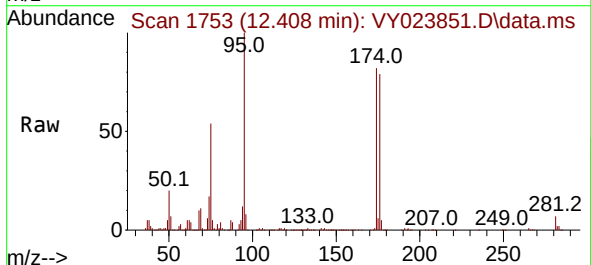
Instrument :
MSVOA_Y
ClientSampleId :

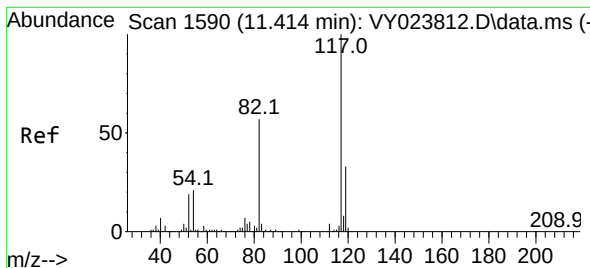
Tgt Ion:107 Resp: 72217
Ion Ratio Lower Upper
107 100
109 96.6 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 47.062 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 95 Resp: 278377
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.6
176 83.9 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

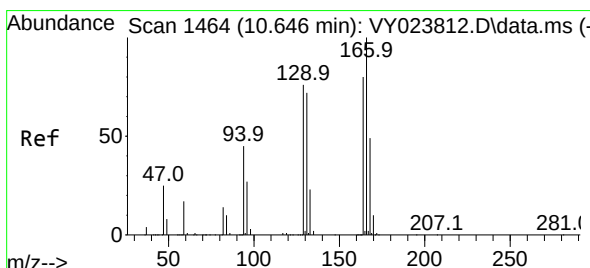
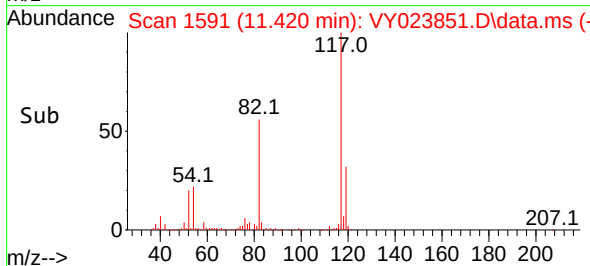
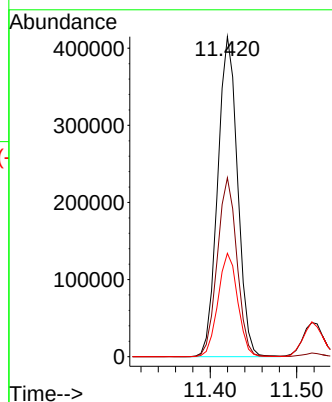
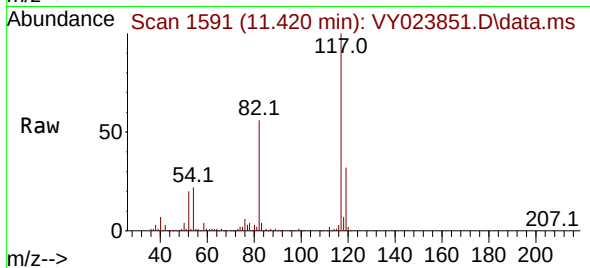
Tgt Ion:117 Resp: 662350

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 32.3 26.0 39.0



#64

Tetrachloroethene

Concen: 22.055 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Tgt Ion:164 Resp: 138582

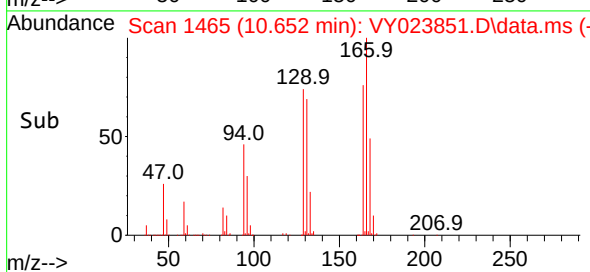
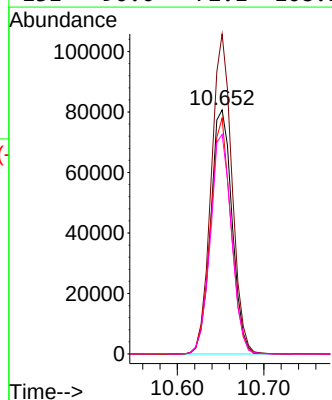
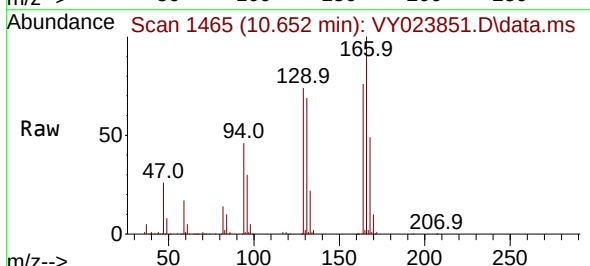
Ion Ratio Lower Upper

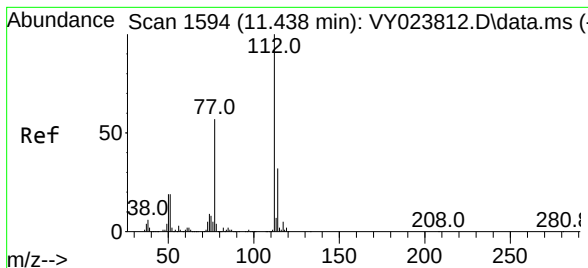
164 100

166 131.1 100.6 150.8

129 96.6 76.0 114.0

131 90.0 72.1 108.1

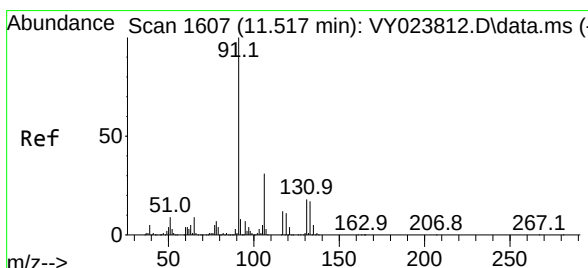
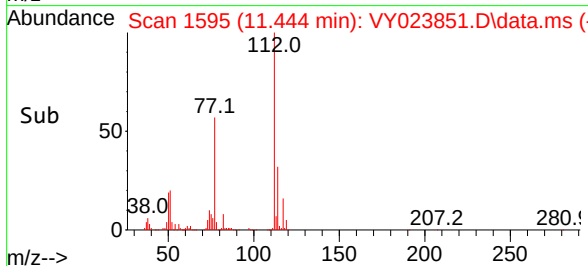
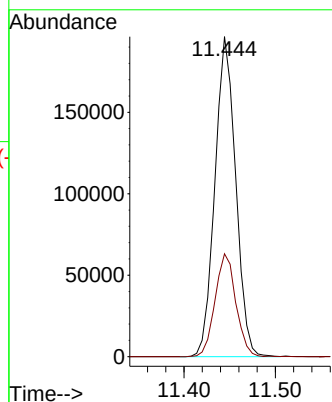
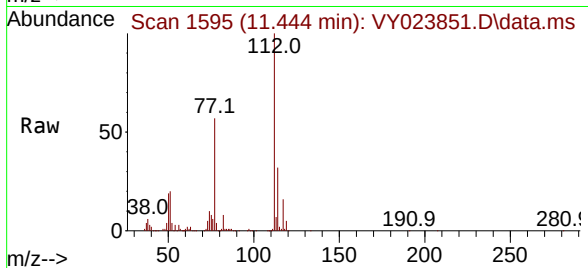




#65
Chlorobenzene
Concen: 21.336 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

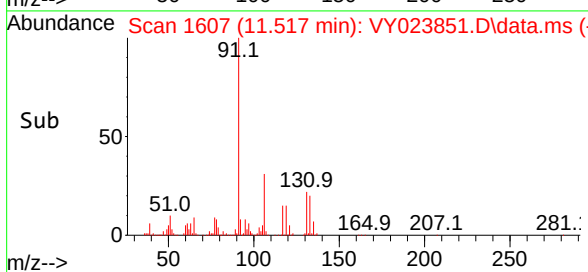
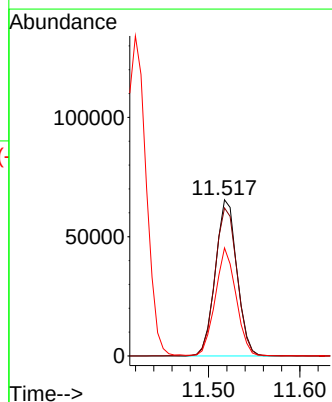
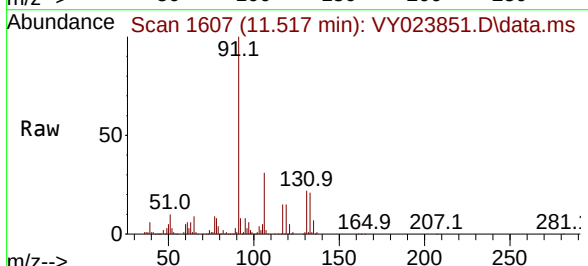
Instrument :
MSVOA_Y
ClientSampleId :

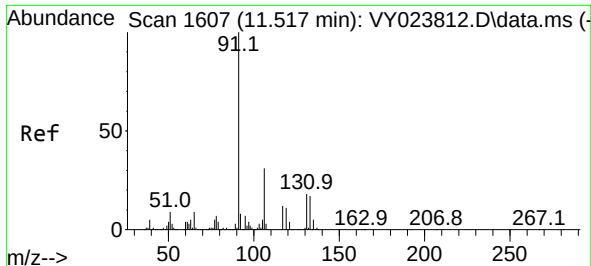
Tgt Ion:112 Resp: 310203
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.766 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion:131 Resp: 107508
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 66.8 33.0 98.9





#67

Ethyl Benzene

Concen: 21.444 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

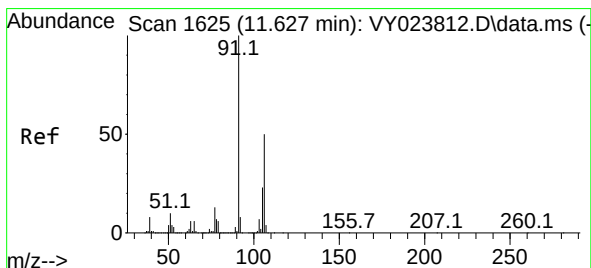
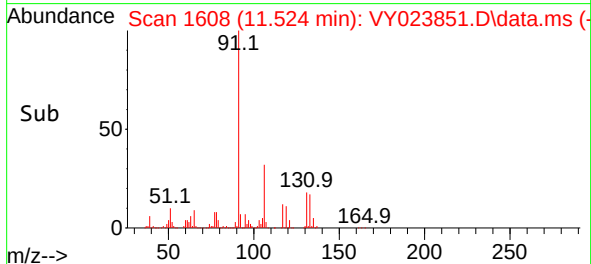
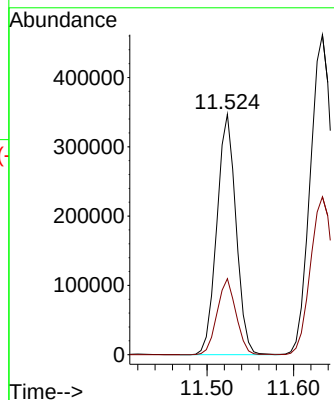
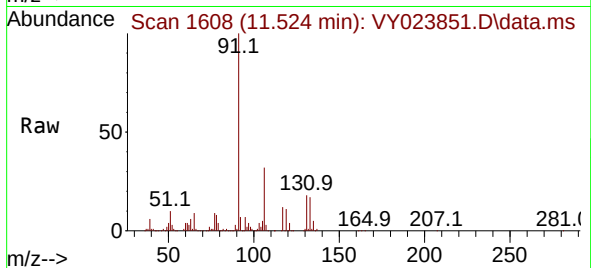
ClientSampleId :

Tgt Ion: 91 Resp: 532535

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 43.406 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023851.D

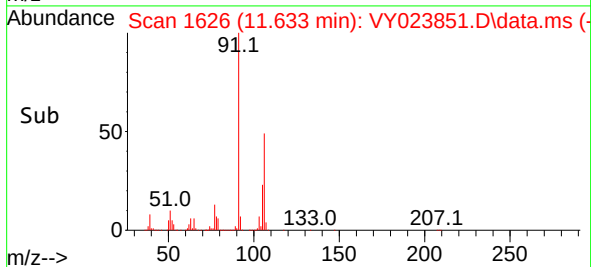
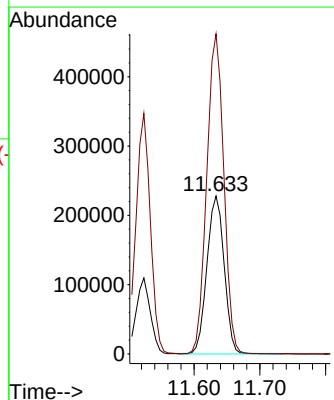
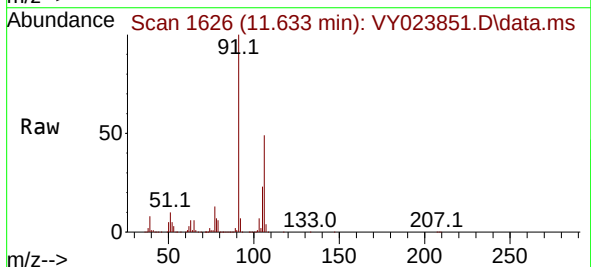
Acq: 02 Dec 2025 10:53

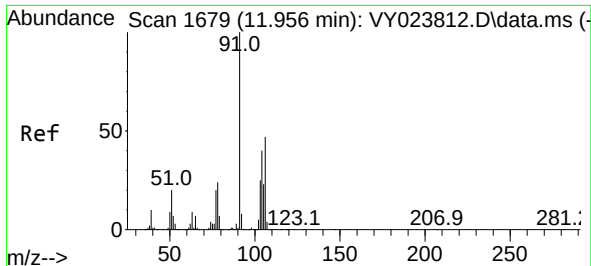
Tgt Ion:106 Resp: 415378

Ion Ratio Lower Upper

106 100

91 200.3 159.5 239.3

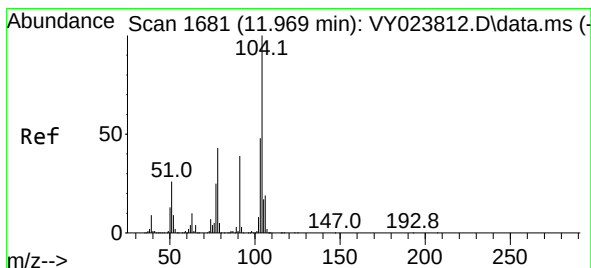
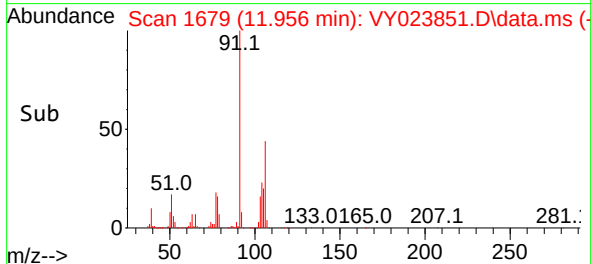
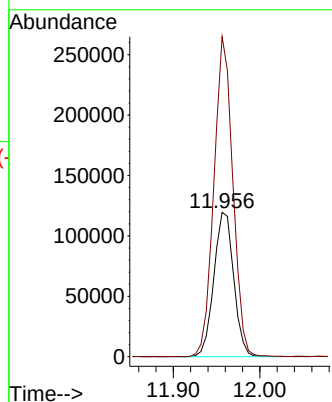
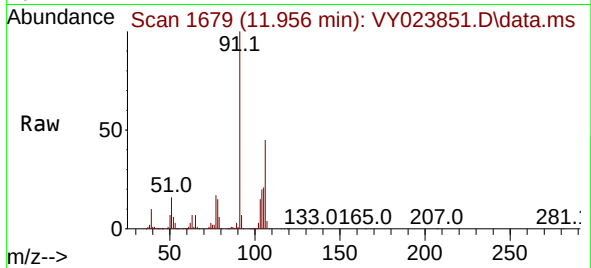




#69
o-Xylene
Concen: 21.175 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

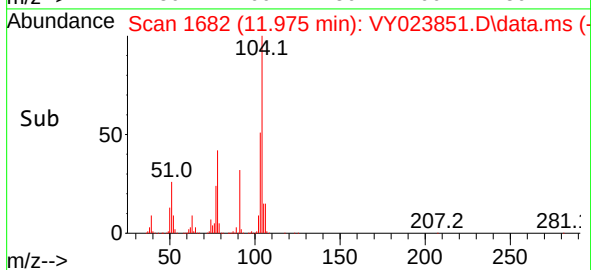
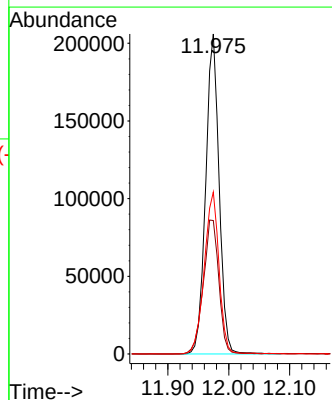
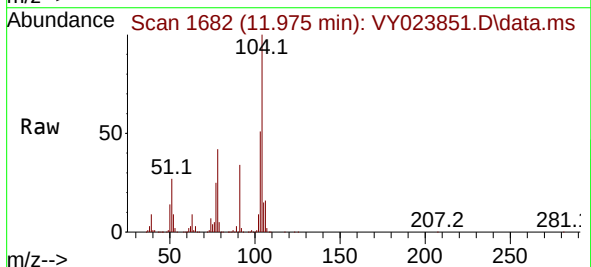
Instrument :
MSVOA_Y
ClientSampleId :

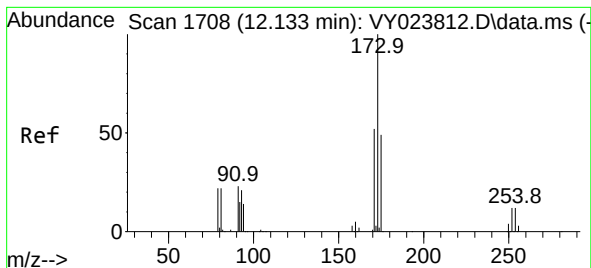
Tgt Ion:106 Resp: 189968
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.6



#70
Styrene
Concen: 21.371 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion:104 Resp: 315843
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 55.6 43.4 65.0





#71

Bromoform

Concen: 21.555 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

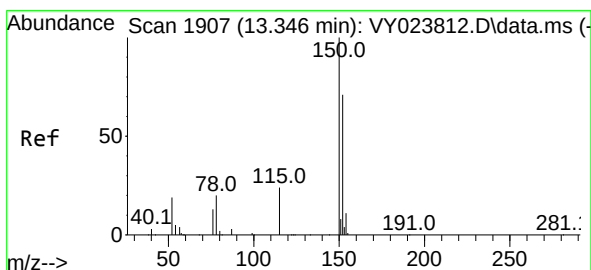
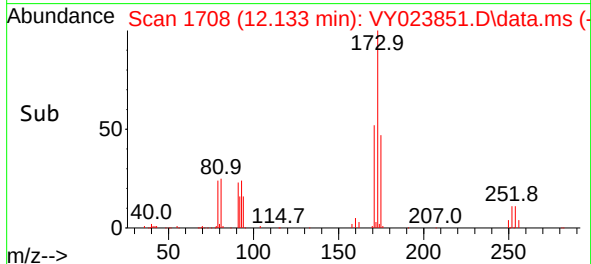
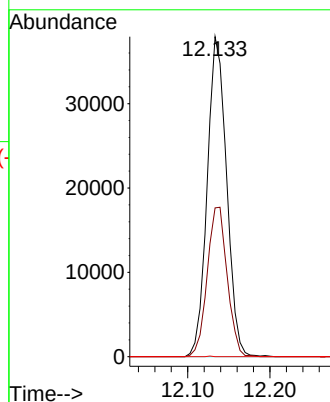
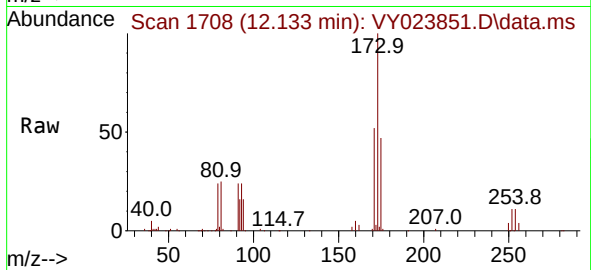
Tgt Ion:173 Resp: 62102

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

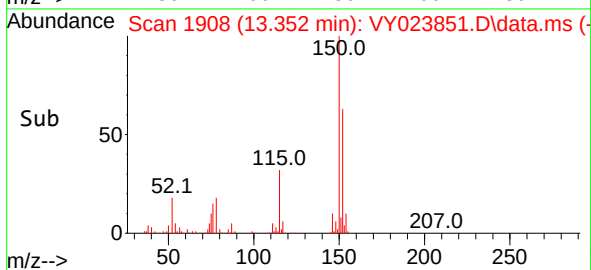
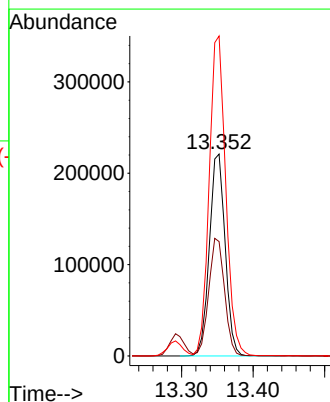
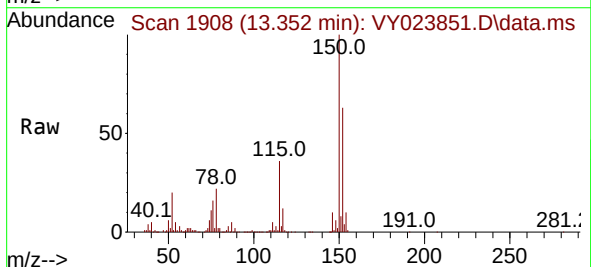
Tgt Ion:152 Resp: 339534

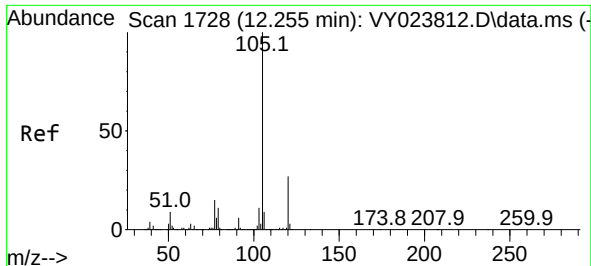
Ion Ratio Lower Upper

152 100

115 58.5 28.7 86.3

150 165.5 0.0 345.6

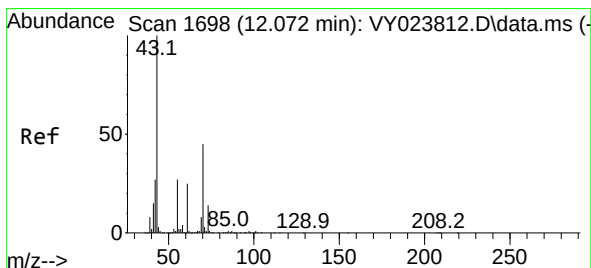
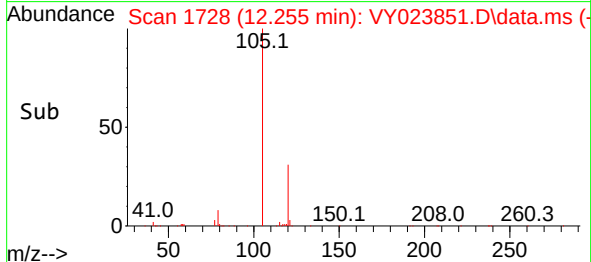
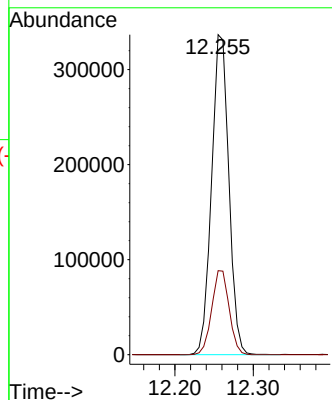
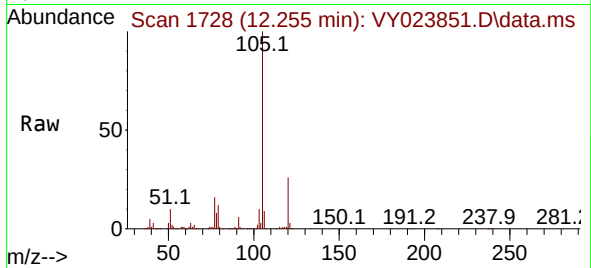




#73
Isopropylbenzene
Concen: 21.366 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

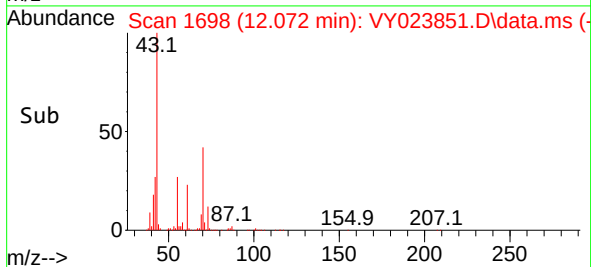
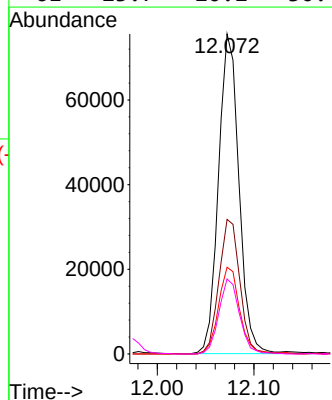
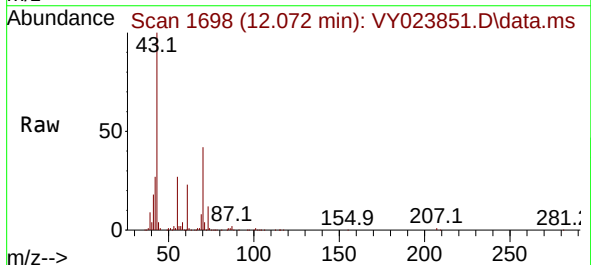
Instrument :
MSVOA_Y
ClientSampleId :

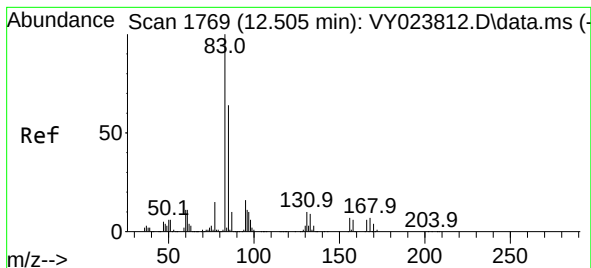
Tgt Ion:105 Resp: 514860
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 20.559 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 43 Resp: 110681
Ion Ratio Lower Upper
43 100
70 43.2 36.2 54.2
55 28.3 21.8 32.8
61 23.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.517 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

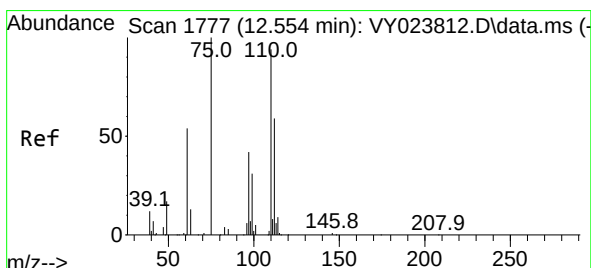
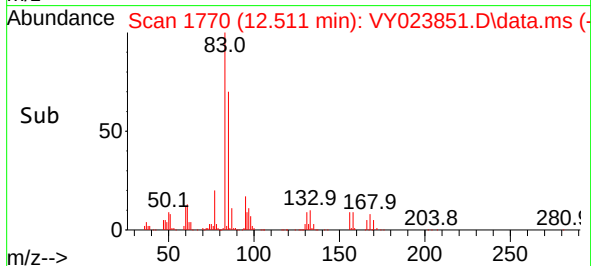
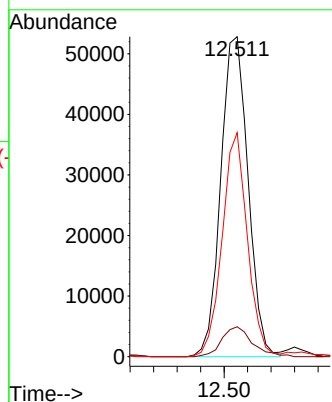
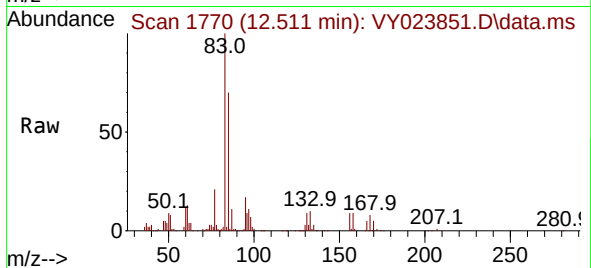
Tgt Ion: 83 Resp: 85367

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 64.6 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 39.504 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023851.D

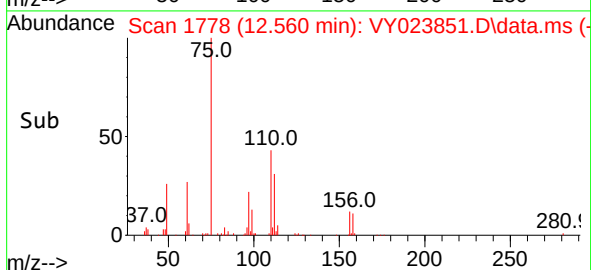
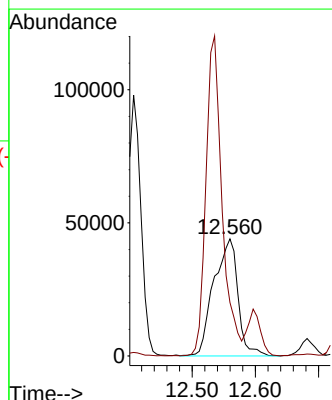
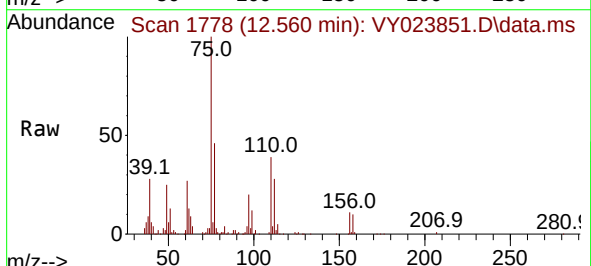
Acq: 02 Dec 2025 10:53

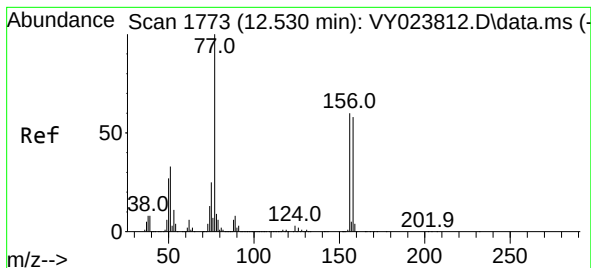
Tgt Ion: 75 Resp: 116641

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.928 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

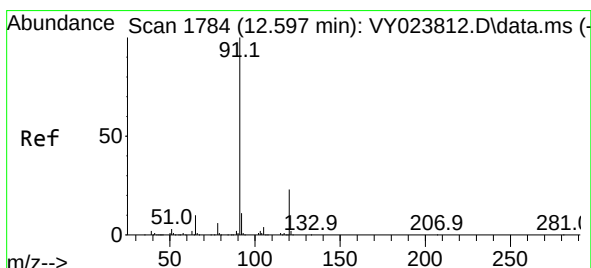
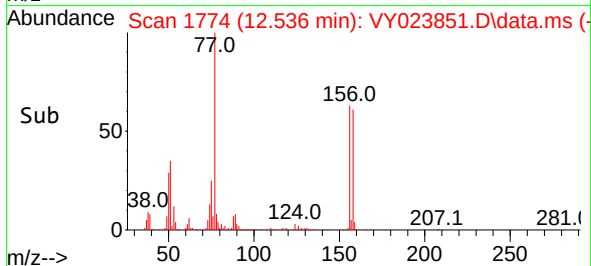
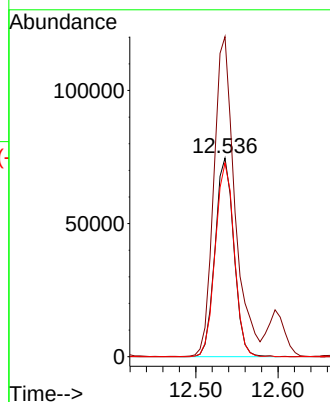
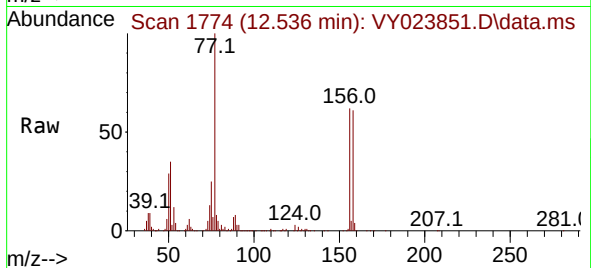
Tgt Ion:156 Resp: 118620

Ion Ratio Lower Upper

156 100

77 180.1 90.8 272.3

158 98.2 48.4 145.3



#78

n-propylbenzene

Concen: 21.573 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023851.D

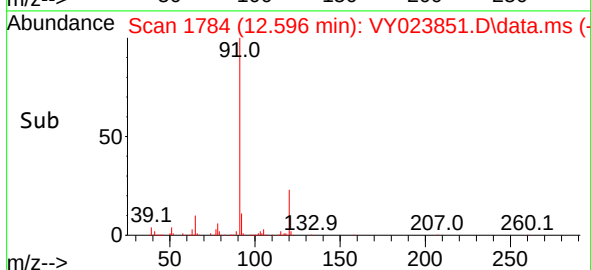
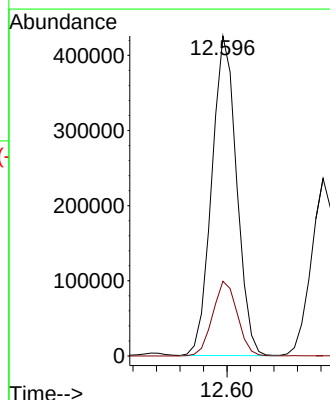
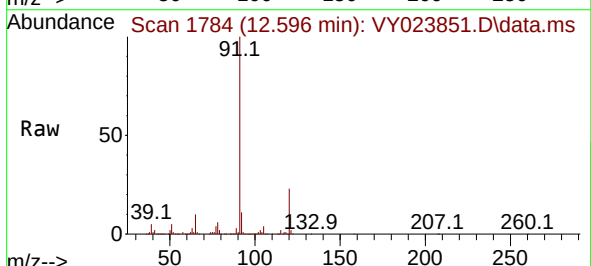
Acq: 02 Dec 2025 10:53

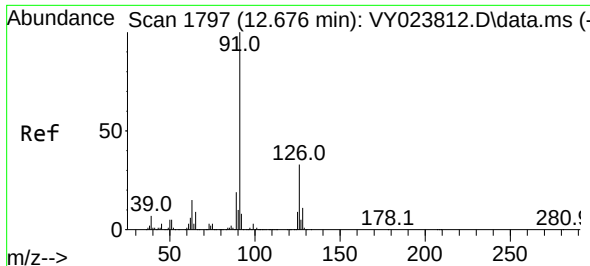
Tgt Ion: 91 Resp: 625892

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

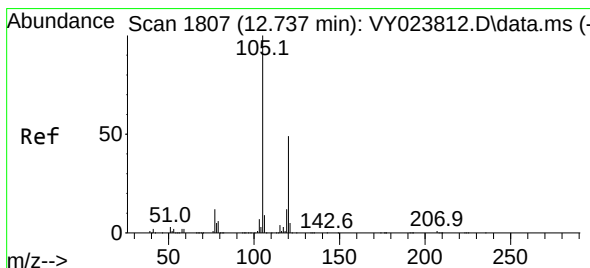
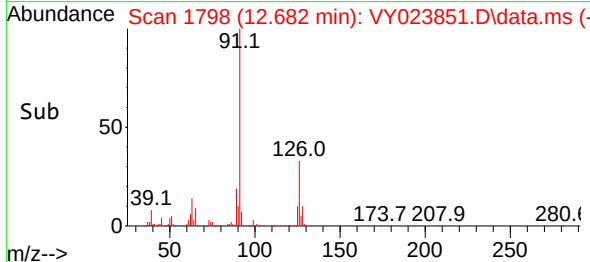
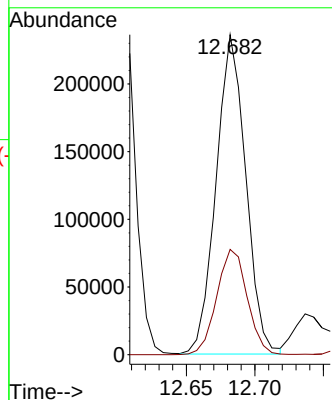
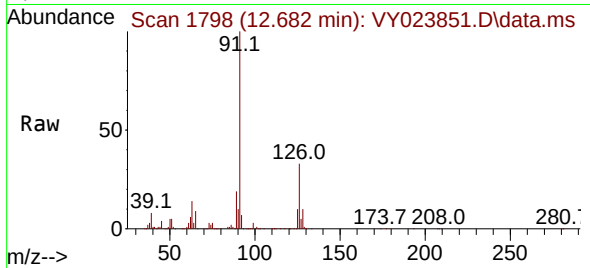




#79
2-Chlorotoluene
Concen: 21.297 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

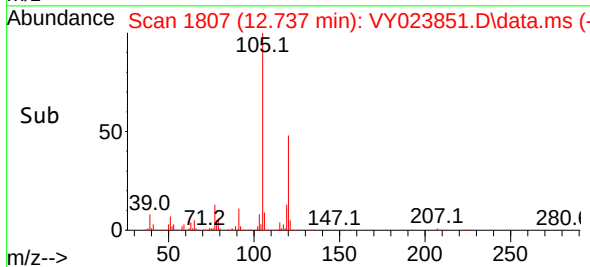
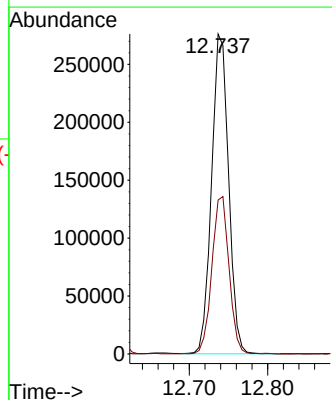
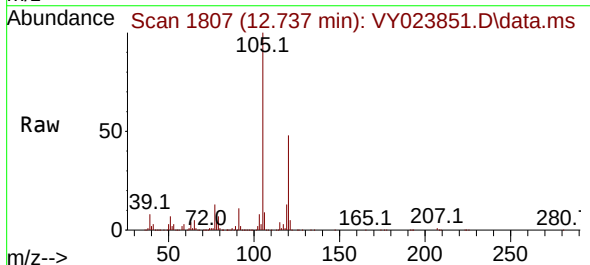
Instrument :
MSVOA_Y
ClientSampleId :

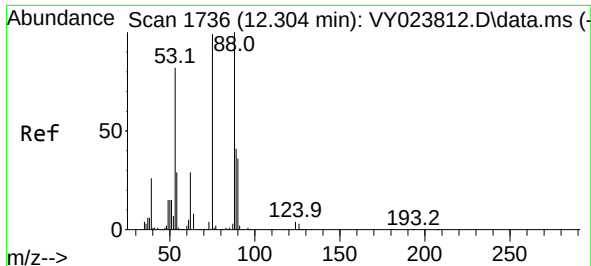
Tgt Ion: 91 Resp: 355607
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 21.164 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 105 Resp: 416339
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.8

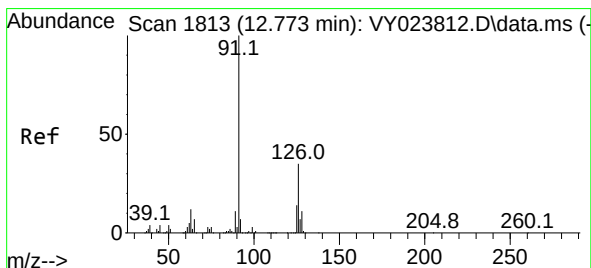
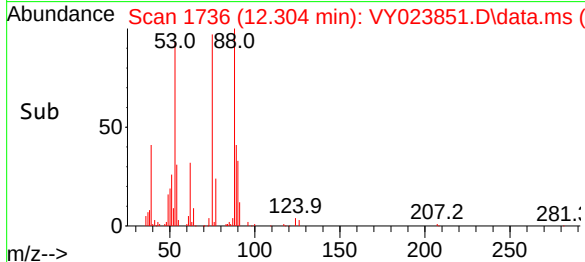
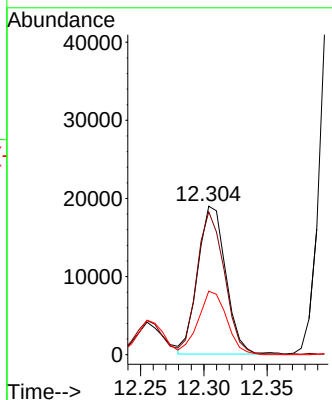
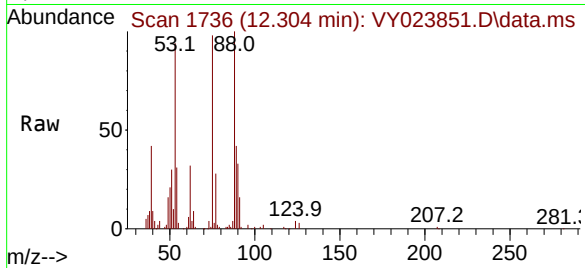




#81
trans-1,4-Dichloro-2-butene
Concen: 20.908 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

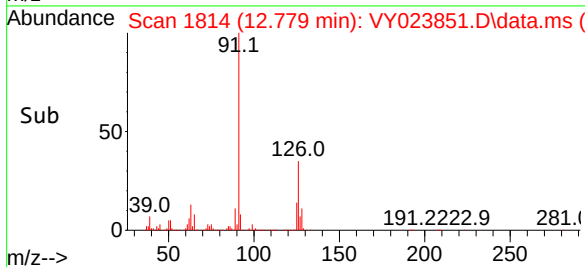
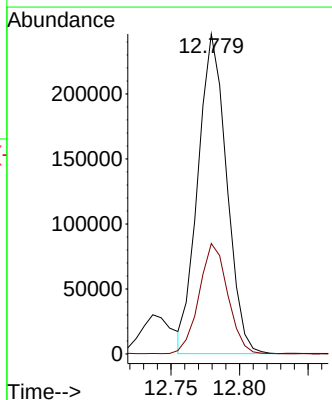
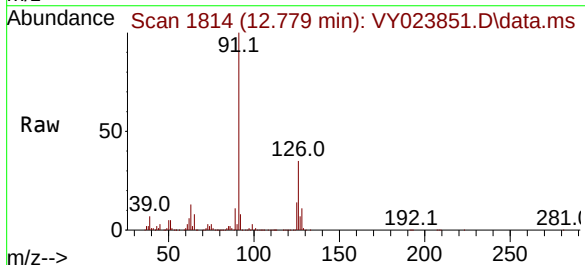
Instrument :
MSVOA_Y
ClientSampleId :

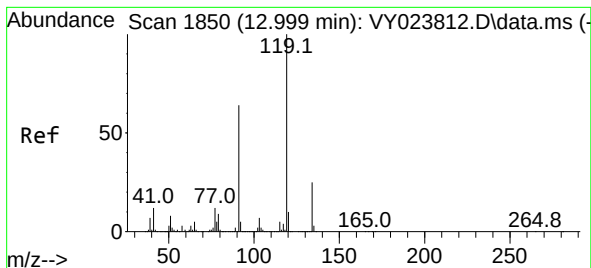
Tgt Ion: 75 Resp: 29206
Ion Ratio Lower Upper
75 100
53 95.3 71.3 106.9
89 43.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.905 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 91 Resp: 358487
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

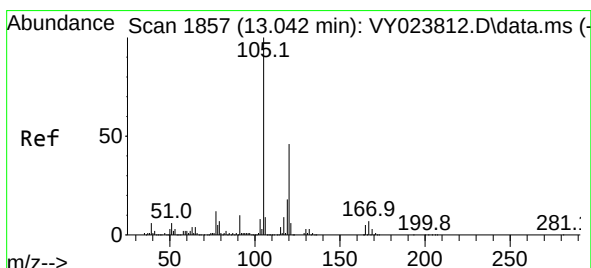
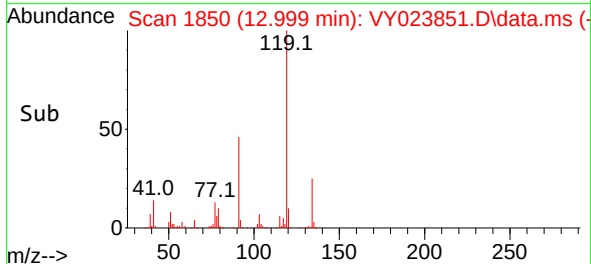
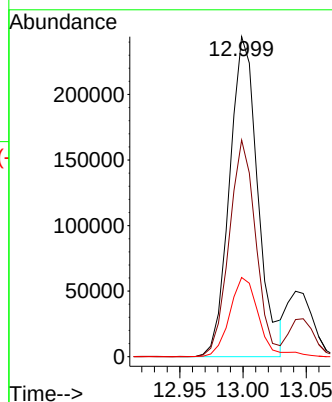
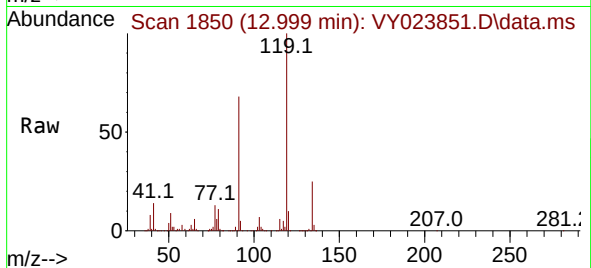




#83
 tert-Butylbenzene
 Concen: 21.484 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

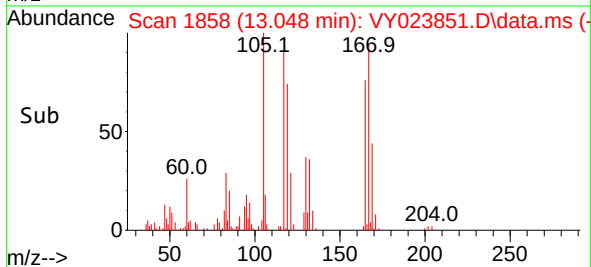
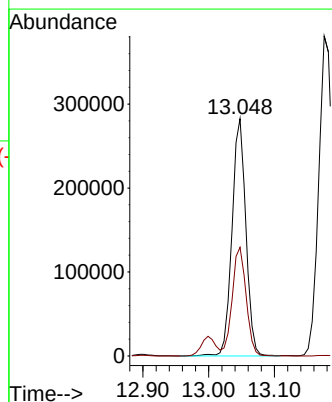
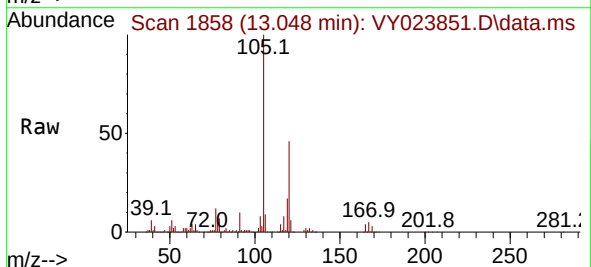
Instrument :
 MSVOA_Y
 ClientSampleId :

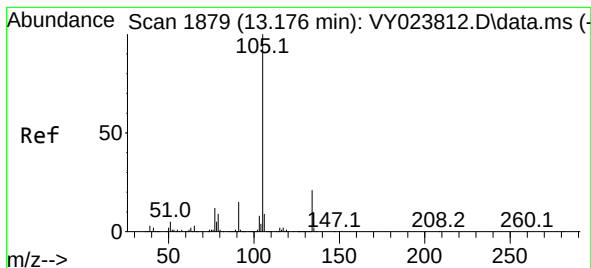
Tgt Ion:119 Resp: 379674
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.0 96.0
 134 25.5 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.096 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

Tgt Ion:105 Resp: 414737
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 21.754 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

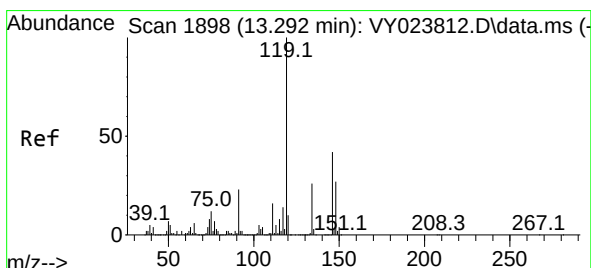
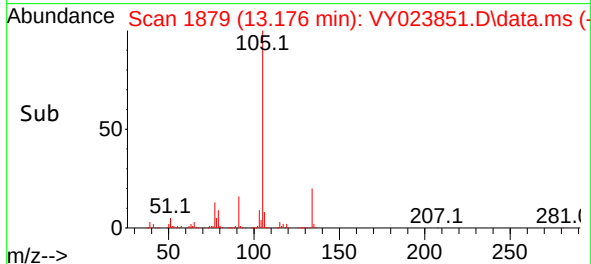
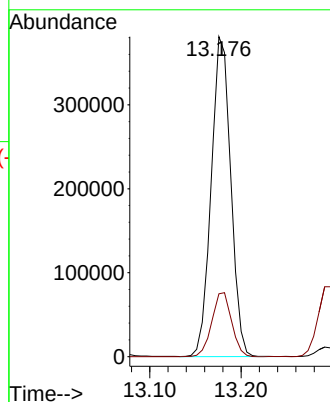
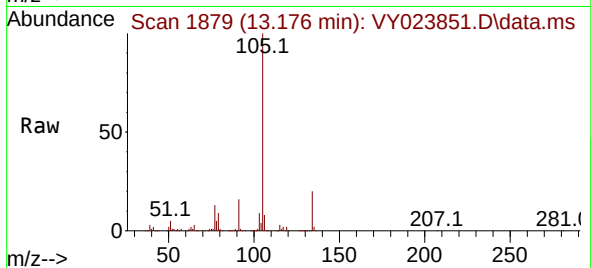
ClientSampleId :

Tgt Ion:105 Resp: 567484

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.638 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

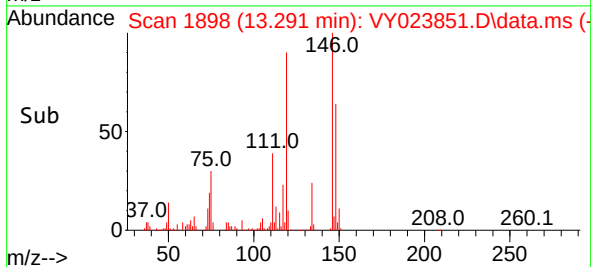
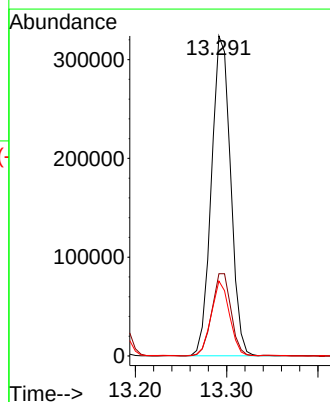
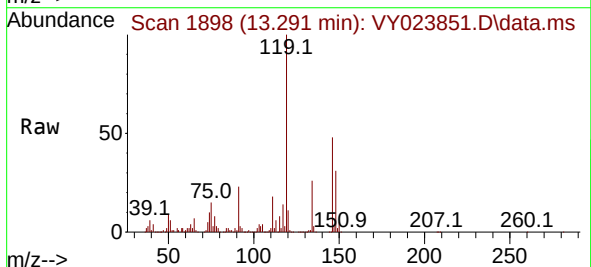
Tgt Ion:119 Resp: 471817

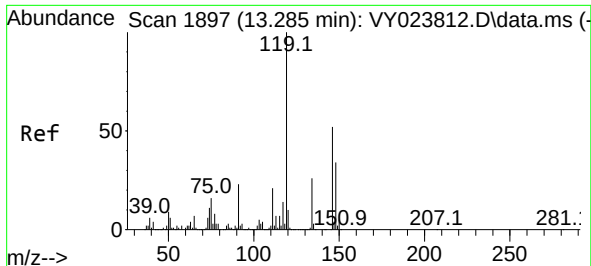
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 22.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 21.018 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

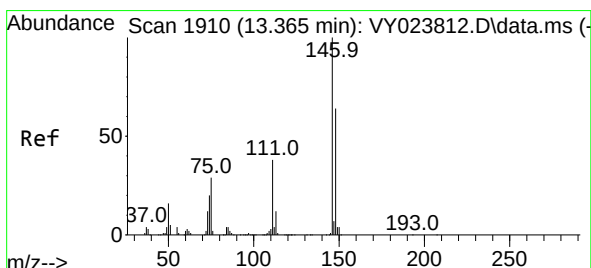
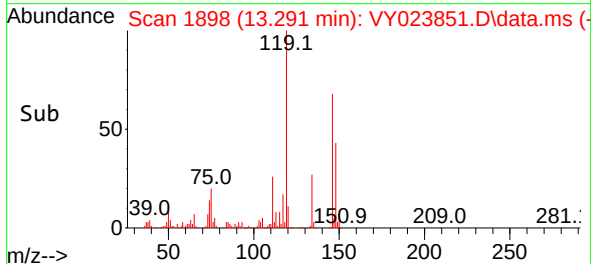
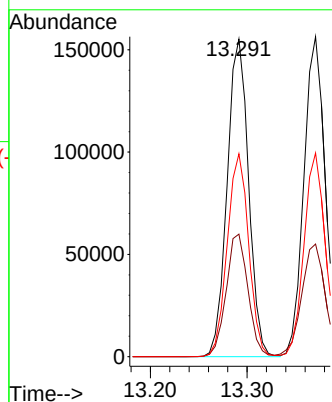
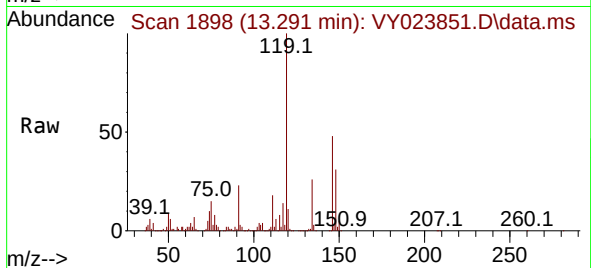
Tgt Ion:146 Resp: 238758

Ion Ratio Lower Upper

146 100

111 39.3 20.0 60.0

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 21.081 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

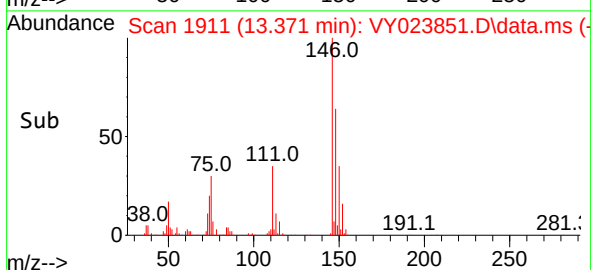
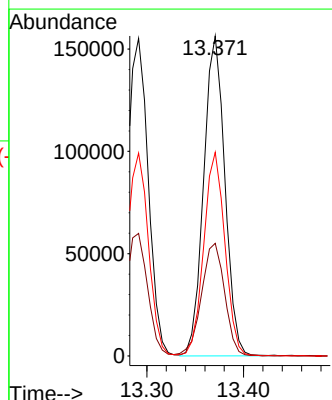
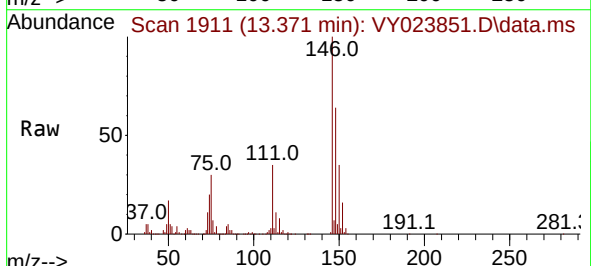
Tgt Ion:146 Resp: 239031

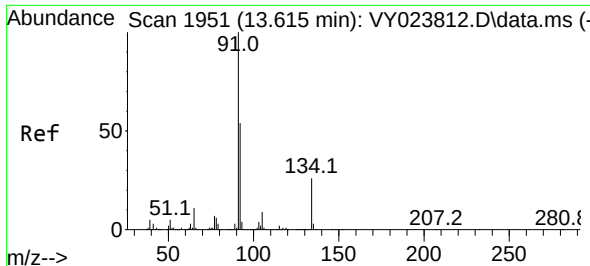
Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.4 32.0 96.0

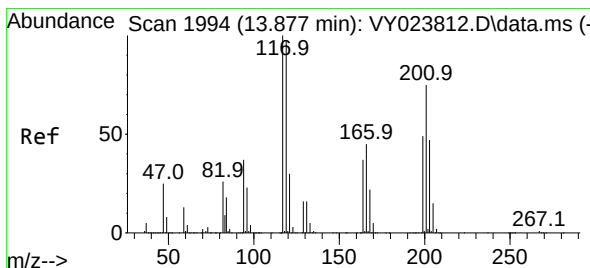
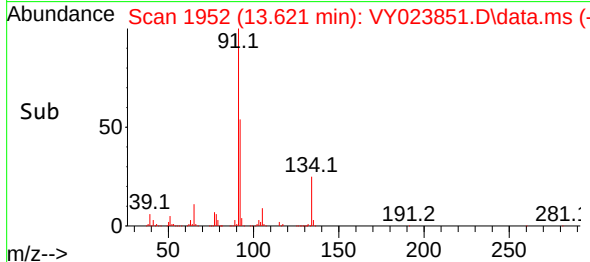
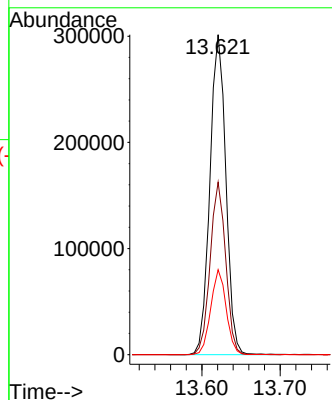
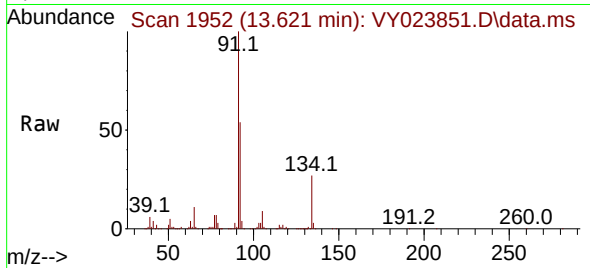




#89
n-Butylbenzene
Concen: 21.313 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

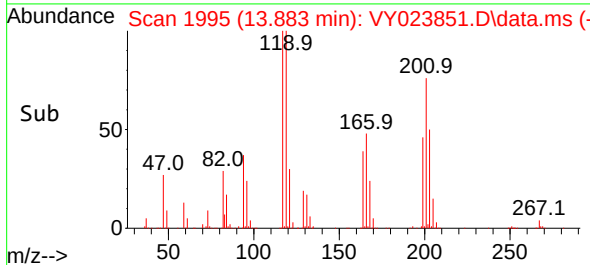
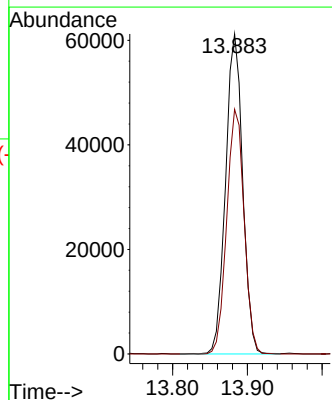
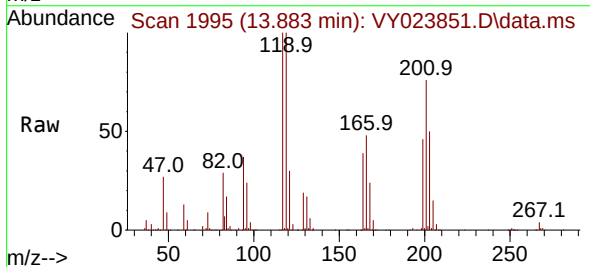
Instrument :
MSVOA_Y
ClientSampleId :

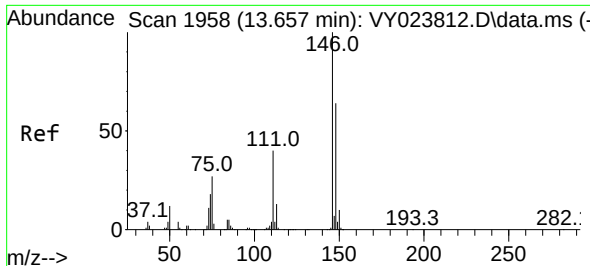
Tgt Ion: 91 Resp: 426112
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.3
134 25.7 13.0 39.0



#90
Hexachloroethane
Concen: 21.291 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023851.D
Acq: 02 Dec 2025 10:53

Tgt Ion: 117 Resp: 97537
Ion Ratio Lower Upper
117 100
201 77.6 38.6 115.8

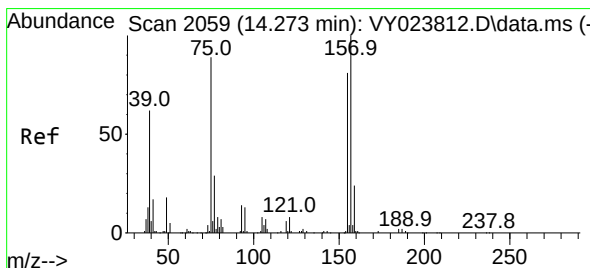
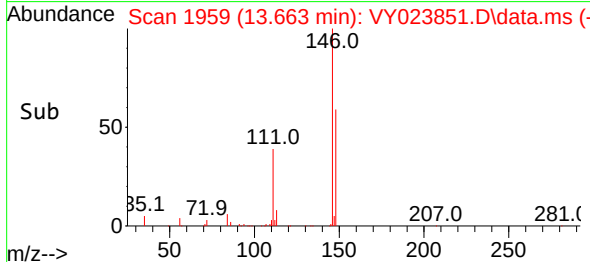
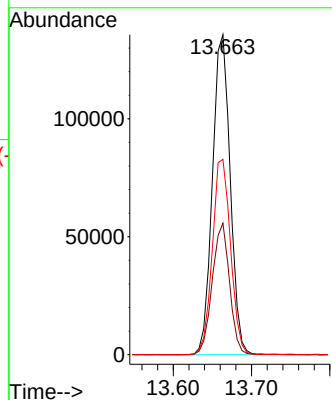
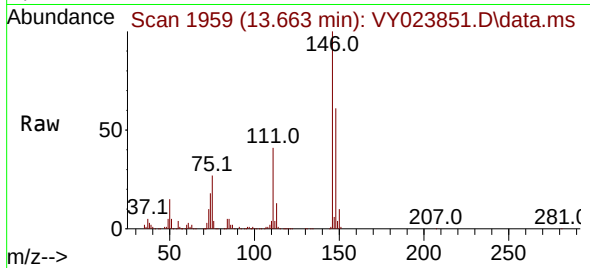




#91
 1,2-Dichlorobenzene
 Concen: 21.497 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

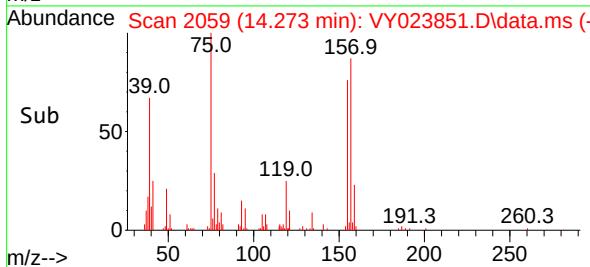
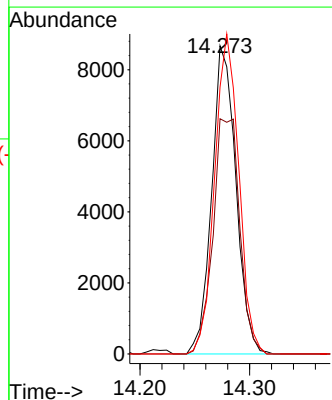
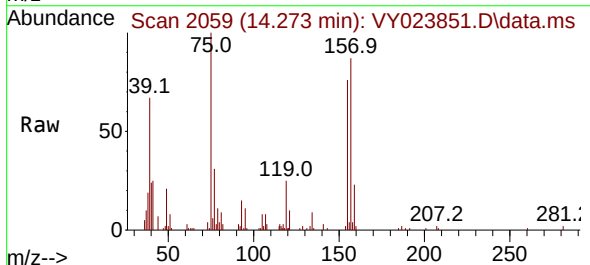
Instrument :
 MSVOA_Y
 ClientSampleId :

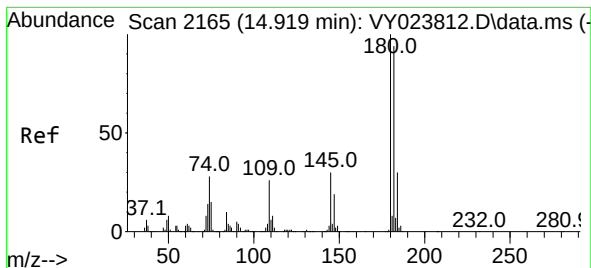
Tgt Ion:146 Resp: 213541
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.5 61.5
 148 62.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.043 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023851.D
 Acq: 02 Dec 2025 10:53

Tgt Ion: 75 Resp: 13310
 Ion Ratio Lower Upper
 75 100
 155 84.4 44.0 132.1
 157 103.6 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 19.938 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

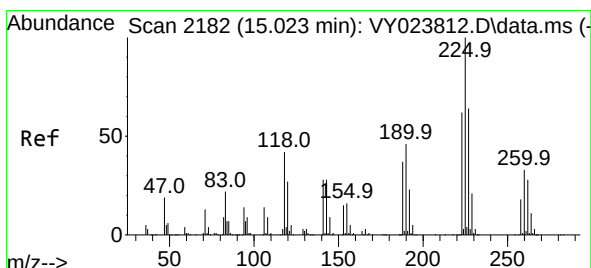
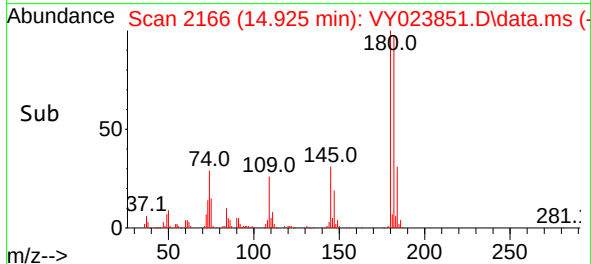
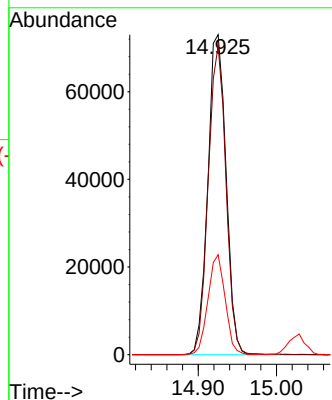
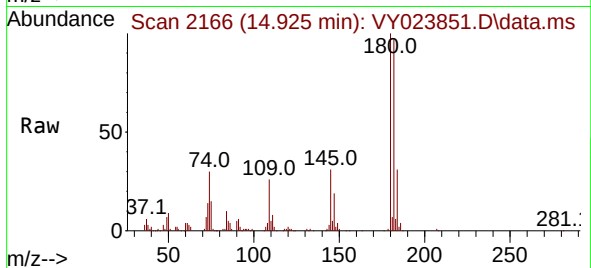
Tgt Ion:180 Resp: 118087

Ion Ratio Lower Upper

180 100

182 93.6 47.2 141.6

145 29.4 15.4 46.2



#94

Hexachlorobutadiene

Concen: 21.087 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

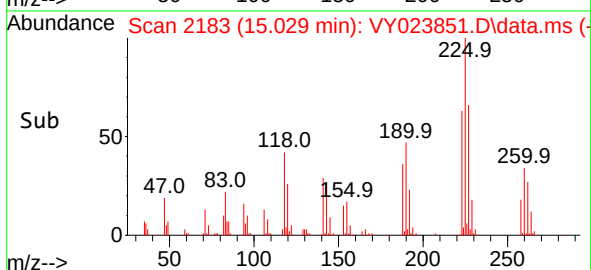
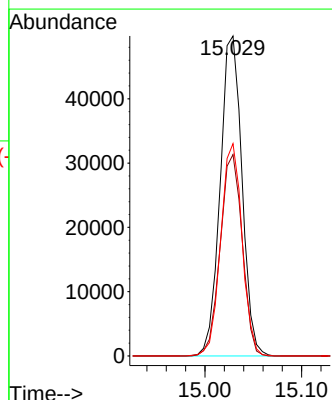
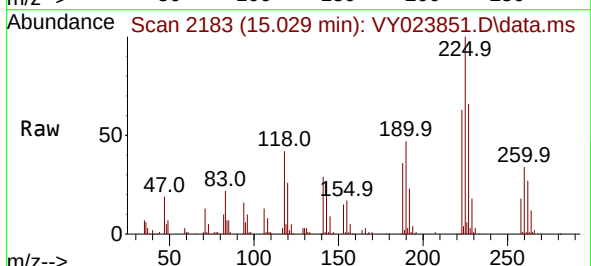
Tgt Ion:225 Resp: 77778

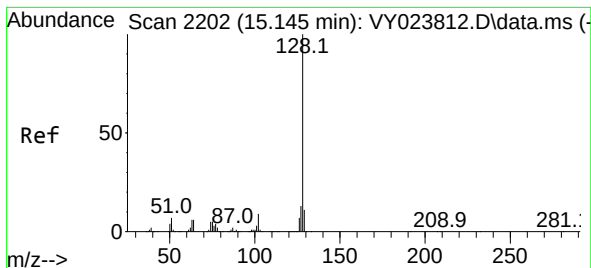
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.9 32.8 98.3





#95

Naphthalene

Concen: 18.460 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

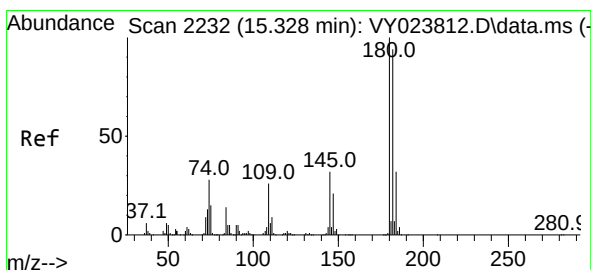
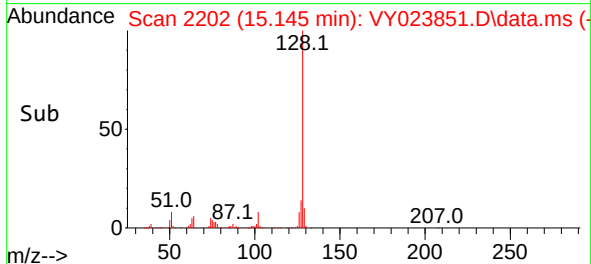
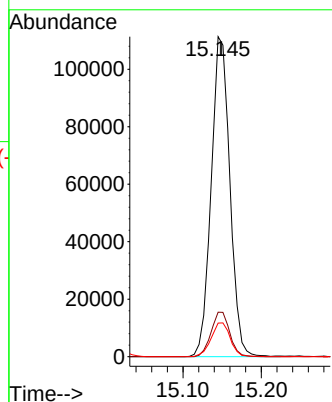
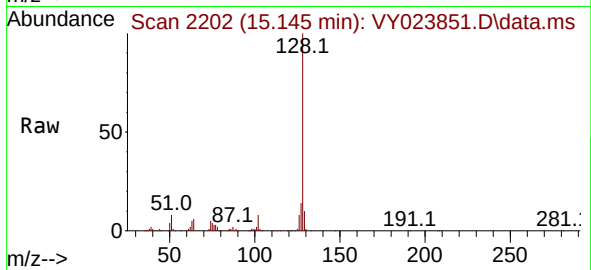
Tgt Ion:128 Resp: 184390

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.149 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023851.D

Acq: 02 Dec 2025 10:53

Tgt Ion:180 Resp: 101635

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.2

145 30.5 16.5 49.5

