

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023990.D
 Acq On : 16 Dec 2025 15:14
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 17 03:37:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	570006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	795991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	688040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	354478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	576908	133.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 267.820%#	
35) Dibromofluoromethane	7.646	113	634317	133.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 266.320%#	
50) Toluene-d8	10.109	98	2309368	134.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 268.700%#	
62) 4-Bromofluorobenzene	12.407	95	781312	138.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 277.360%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	441608	120.751	ug/l	97
3) Chloromethane	2.074	50	586938	137.115	ug/l	98
4) Vinyl Chloride	2.214	62	729978	134.981	ug/l	98
5) Bromomethane	2.598	94	704241	146.732	ug/l	99
6) Chloroethane	2.744	64	514935	135.173	ug/l	99
7) Trichlorofluoromethane	3.067	101	1124139	130.220	ug/l	99
8) Diethyl Ether	3.464	74	322465	139.785	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.823	101	656723	126.934	ug/l	99
10) Methyl Iodide	4.012	142	827696	143.961	ug/l	99
11) Tert butyl alcohol	4.890	59	186150	738.153	ug/l	99
12) 1,1-Dichloroethene	3.799	96	632628	134.920	ug/l	96
13) Acrolein	3.659	56	301189	712.289	ug/l	96
14) Allyl chloride	4.396	41	813111	143.167	ug/l	99
15) Acrylonitrile	5.073	53	658038	734.315	ug/l	100
16) Acetone	3.884	43	731227	737.629	ug/l	97
17) Carbon Disulfide	4.116	76	1693152	144.296	ug/l	100
18) Methyl Acetate	4.396	43	297526	152.906	ug/l	97
19) Methyl tert-butyl Ether	5.134	73	1618976	145.328	ug/l	99
20) Methylene Chloride	4.628	84	646702	109.233	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	700212	137.415	ug/l	97
22) Diisopropyl ether	6.030	45	1902149	145.020	ug/l	97
23) Vinyl Acetate	5.969	43	5499472	770.242	ug/l	99
24) 1,1-Dichloroethane	5.927	63	1147551	134.457	ug/l	98
25) 2-Butanone	6.902	43	914943	691.936	ug/l	99
26) 2,2-Dichloropropane	6.896	77	1072051	134.604	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	827002	137.013	ug/l	99
28) Bromochloromethane	7.256	49	567805	166.701	ug/l	98
29) Tetrahydrofuran	7.274	42	523203	781.523	ug/l	100
30) Chloroform	7.432	83	1245456	131.538	ug/l	98
31) Cyclohexane	7.713	56	1004274	133.183	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	1156681	131.695	ug/l	100
36) 1,1-Dichloropropene	7.841	75	892240	136.656	ug/l	99
37) Ethyl Acetate	6.994	43	375372	151.875	ug/l	99
38) Carbon Tetrachloride	7.829	117	1079126	131.945	ug/l	99
39) Methylcyclohexane	9.115	83	1230741	141.376	ug/l	99
40) Benzene	8.091	78	2718951	135.818	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	200753	134.513	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	707635	137.194	ug/l	100
43) Isopropyl Acetate	8.201	43	744782	155.782	ug/l	98
44) Trichloroethene	8.871	130	791628	134.187	ug/l	100
45) 1,2-Dichloropropane	9.146	63	611118	135.943	ug/l	98
46) Dibromomethane	9.237	93	370832	137.562	ug/l	99
47) Bromodichloromethane	9.426	83	957015	136.831	ug/l	96
48) Methyl methacrylate	9.225	41	359528	154.289	ug/l	99
49) 1,4-Dioxane	9.237	88	84682	2884.088	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	1975411	789.345	ug/l	100
52) Toluene	10.176	92	1822308	130.765	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	888051	149.389	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	1026586	144.145	ug/l	99
55) 1,1,2-Trichloroethane	10.578	97	504755	136.322	ug/l	97
56) Ethyl methacrylate	10.444	69	688552	146.754	ug/l	98
57) 1,3-Dichloropropane	10.718	76	829100	139.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1649380	745.877	ug/l	99
59) 2-Hexanone	10.761	43	1449649	770.805	ug/l	100
60) Dibromochloromethane	10.914	129	721113	138.485	ug/l	100
61) 1,2-Dibromoethane	11.017	107	482928	140.860	ug/l	99
64) Tetrachloroethene	10.651	164	896158	126.944	ug/l	99
65) Chlorobenzene	11.444	112	2047347	135.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	720594	134.839	ug/l	99
67) Ethyl Benzene	11.523	91	3504631	142.274	ug/l	99
68) m/p-Xylenes	11.633	106	2780491	281.033	ug/l	100
69) o-Xylene	11.956	106	1323903	143.863	ug/l	99
70) Styrene	11.974	104	2185023	147.931	ug/l	100
71) Bromoform	12.133	173	449030	140.839	ug/l	99
73) Isopropylbenzene	12.255	105	3438885	140.838	ug/l	100
74) N-amyl acetate	12.072	43	701085	143.819	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	543968	147.042	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	727691	231.859	ug/l #	100
77) Bromobenzene	12.535	156	833723	135.842	ug/l	96
78) n-propylbenzene	12.596	91	3945697	140.999	ug/l	100
79) 2-Chlorotoluene	12.682	91	2233501	139.423	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	2716847	141.506	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	187570	152.947	ug/l	98
82) 4-Chlorotoluene	12.779	91	2264059	137.652	ug/l	99
83) tert-Butylbenzene	12.999	119	2527875	140.263	ug/l	97
84) 1,2,4-Trimethylbenzene	13.047	105	2692984	141.864	ug/l	99
85) sec-Butylbenzene	13.175	105	3611254	138.812	ug/l	100
86) p-Isopropyltoluene	13.291	119	3080480	140.943	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	1594211	134.999	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	1525182	131.597	ug/l	99
89) n-Butylbenzene	13.620	91	2708883	143.464	ug/l	99
90) Hexachloroethane	13.883	117	612850	134.306	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	1370352	134.536	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	82798	153.576	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	851690	146.987	ug/l	100
94) Hexachlorobutadiene	15.029	225	521928	128.663	ug/l	99
95) Naphthalene	15.145	128	1489506	145.282	ug/l	100
96) 1,2,3-Trichlorobenzene	15.333	180	727357	149.583	ug/l	100

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Response via : Initial Calibration

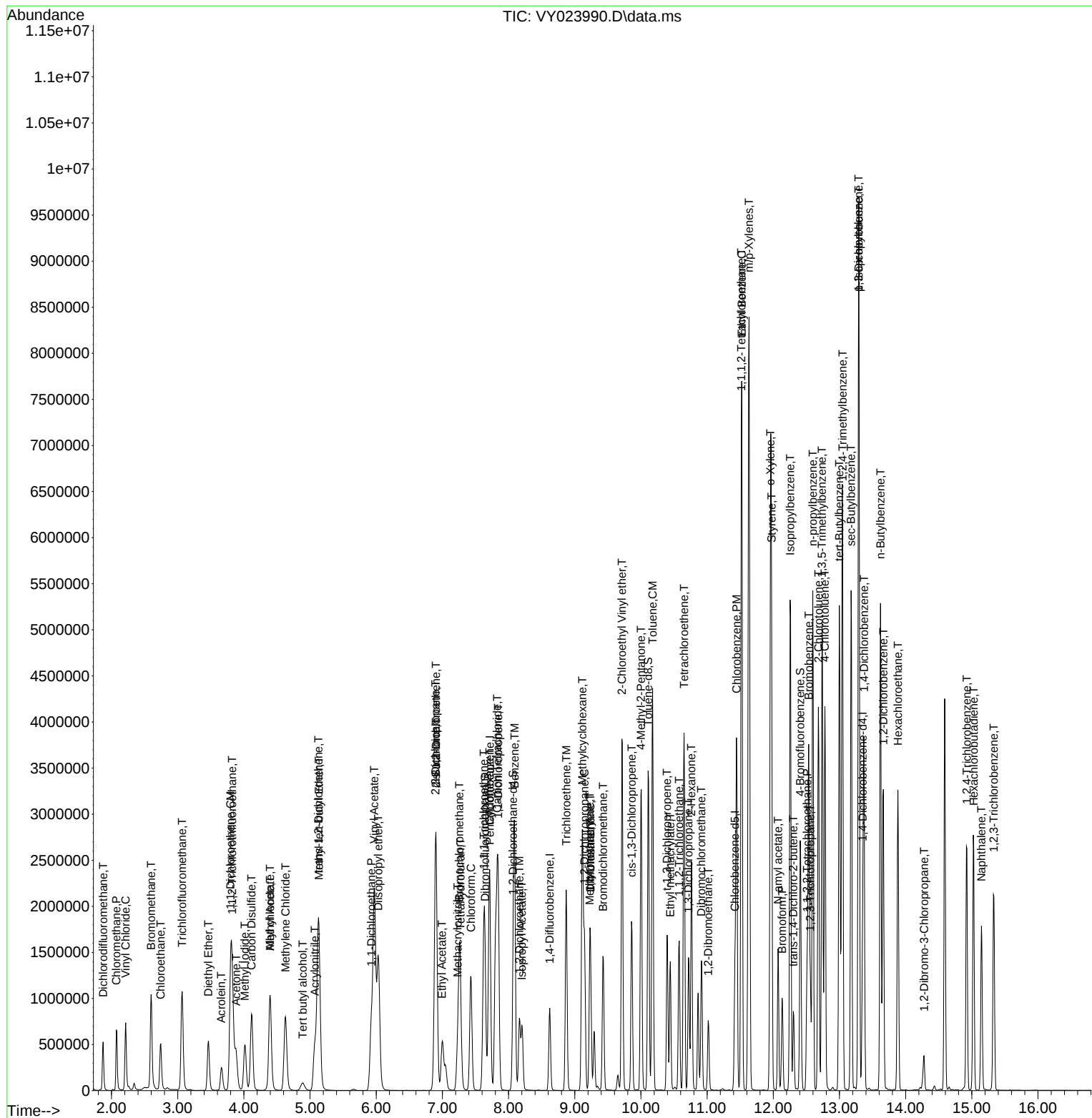
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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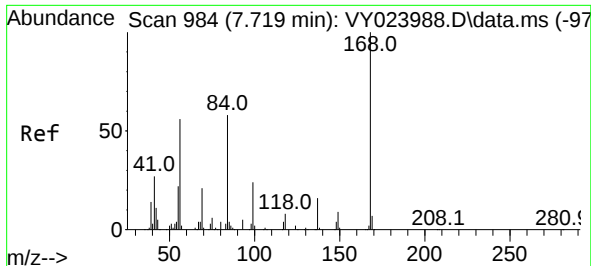
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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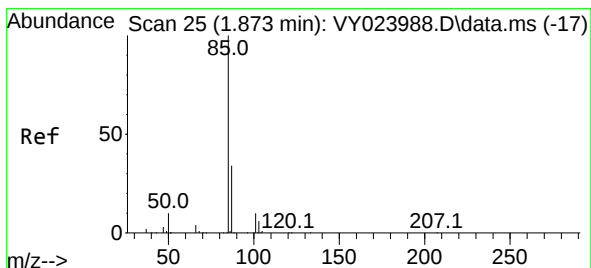
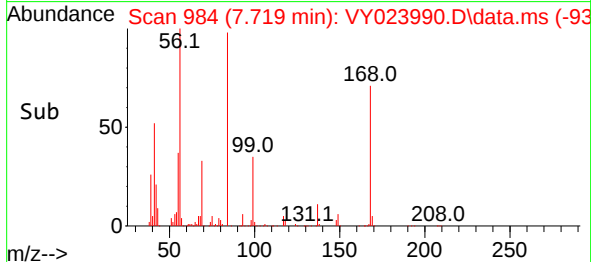
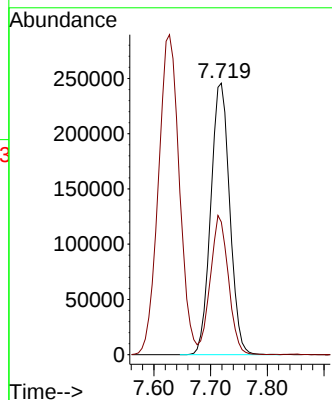
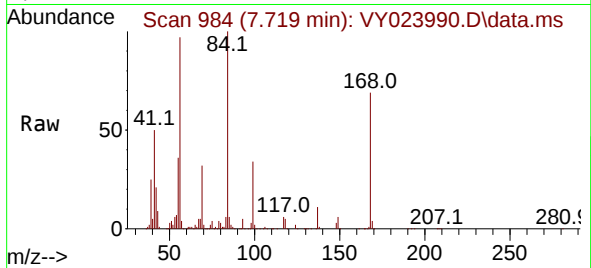




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023990.D
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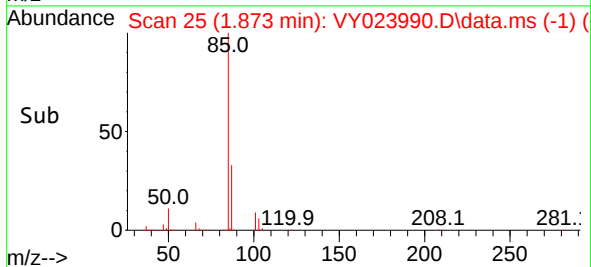
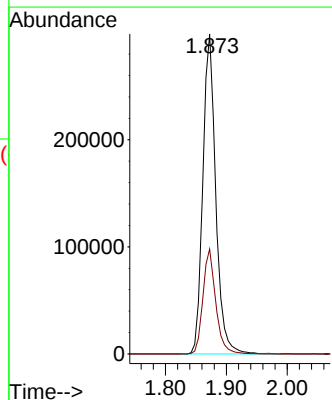
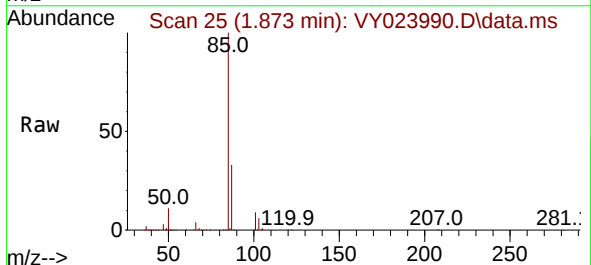
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

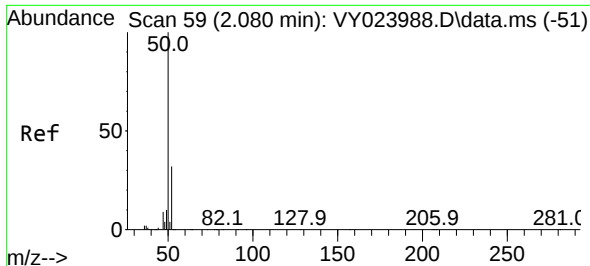
Tgt Ion:168 Resp: 570006
Ion Ratio Lower Upper
168 100
99 48.8 38.3 57.5



#2
Dichlorodifluoromethane
Concen: 120.751 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 85 Resp: 441608
Ion Ratio Lower Upper
85 100
87 32.8 17.3 51.7

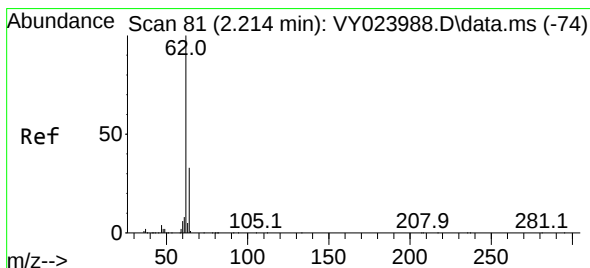
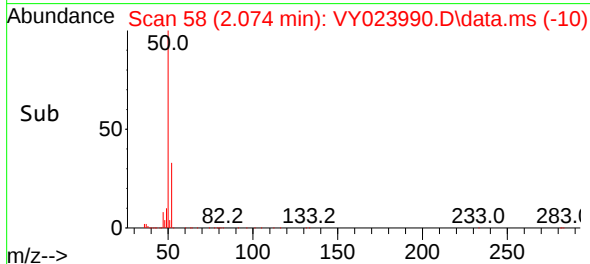
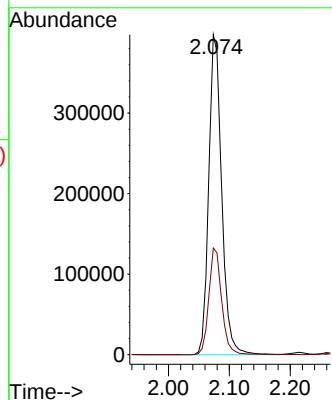
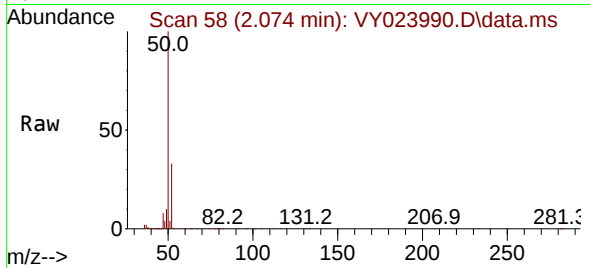




#3
Chloromethane
Concen: 137.115 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

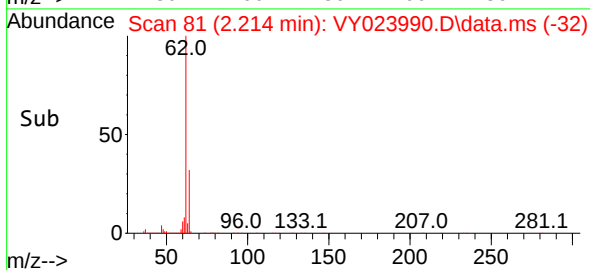
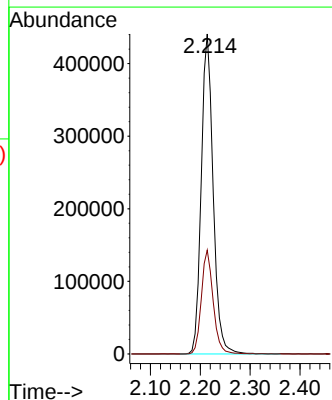
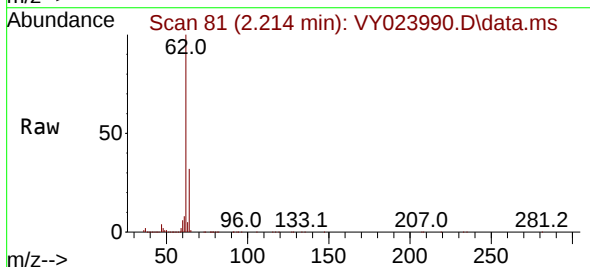
Instrument :
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ClientSampleId :
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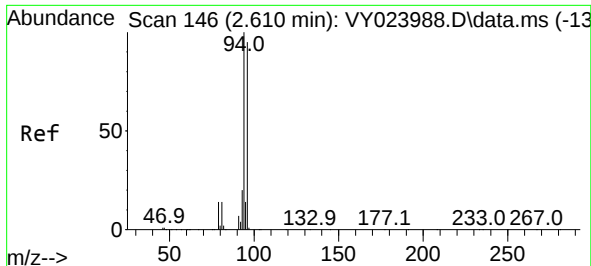
Tgt Ion: 50 Resp: 586938
Ion Ratio Lower Upper
50 100
52 33.3 25.8 38.8



#4
Vinyl Chloride
Concen: 134.981 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 62 Resp: 729978
Ion Ratio Lower Upper
62 100
64 32.4 26.6 40.0

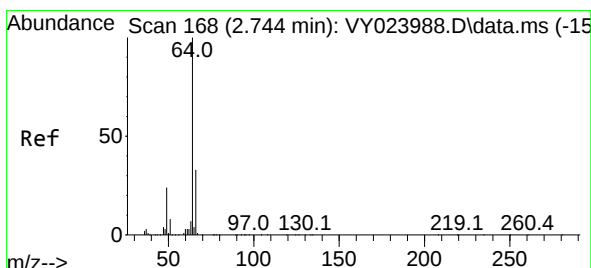
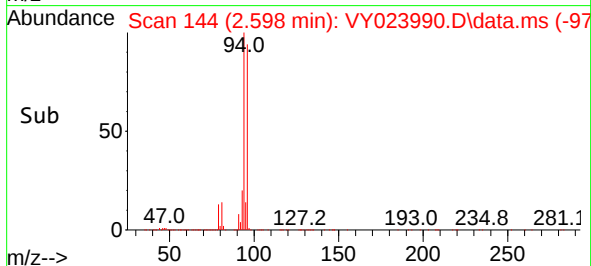
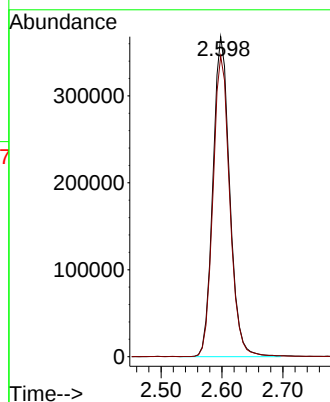
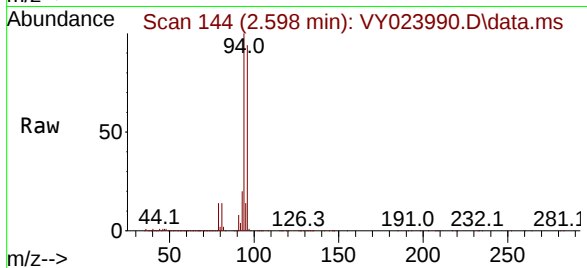




#5
Bromomethane
Concen: 146.732 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY023990.D
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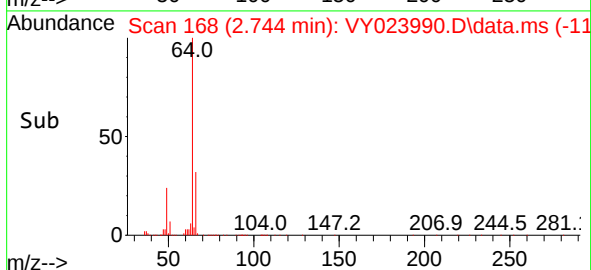
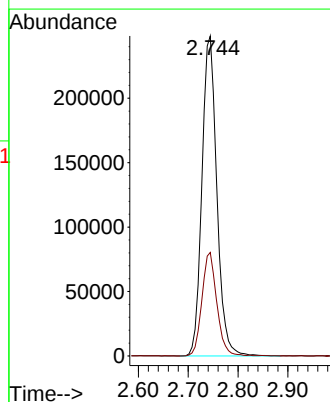
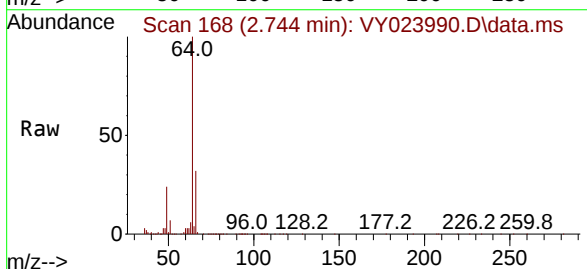
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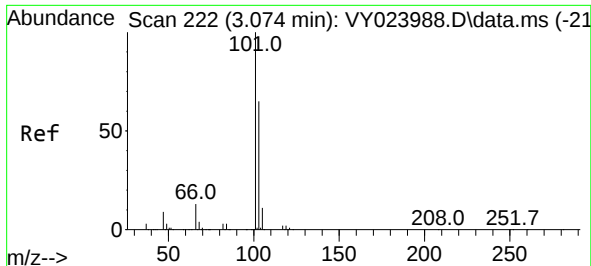
Tgt Ion: 94 Resp: 704241
Ion Ratio Lower Upper
94 100
96 94.0 75.6 113.4



#6
Chloroethane
Concen: 135.173 ug/l
RT: 2.744 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY023990.D
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Tgt Ion: 64 Resp: 514935
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

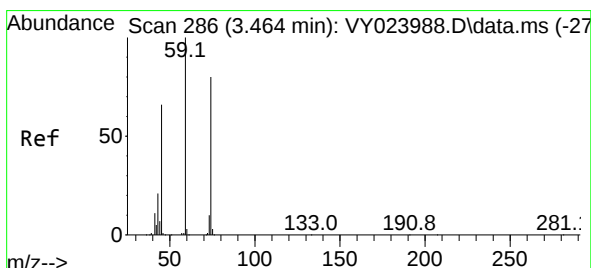
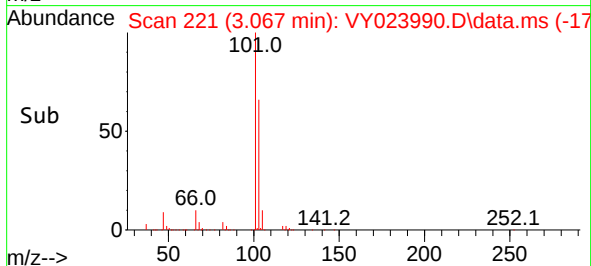
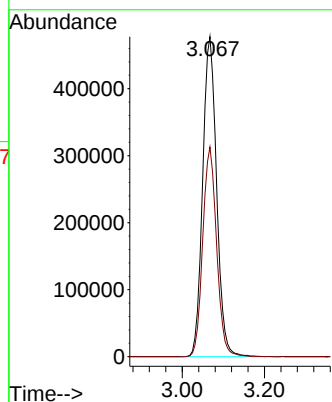
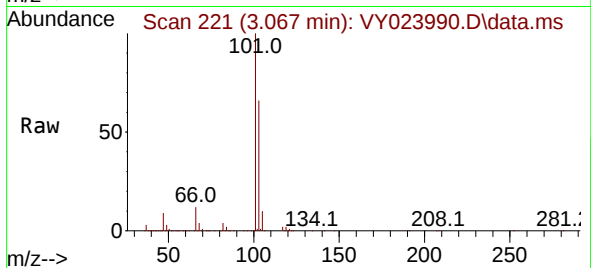




#7
Trichlorofluoromethane
Concen: 130.220 ug/l
RT: 3.067 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

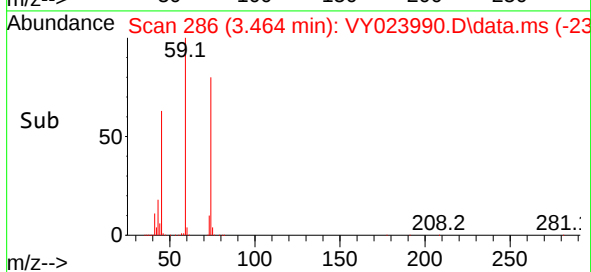
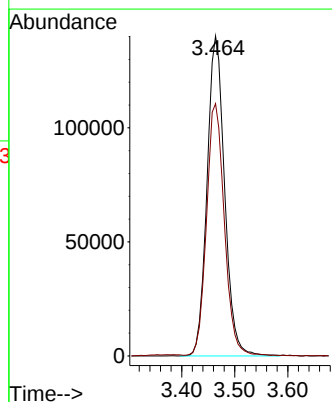
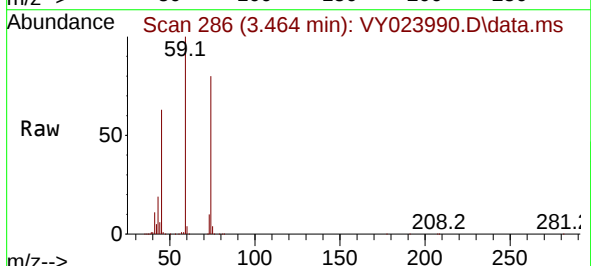
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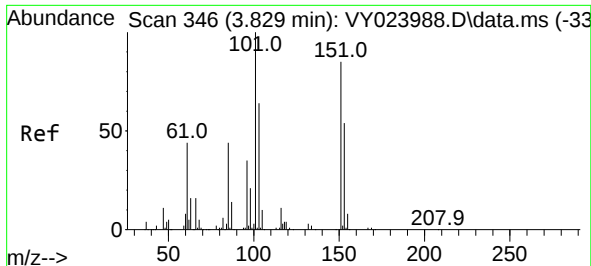
Tgt Ion:101 Resp: 1124139
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6



#8
Diethyl Ether
Concen: 139.785 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 74 Resp: 322465
Ion Ratio Lower Upper
74 100
45 80.0 39.9 119.7

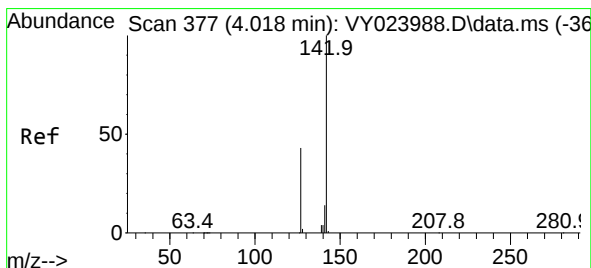
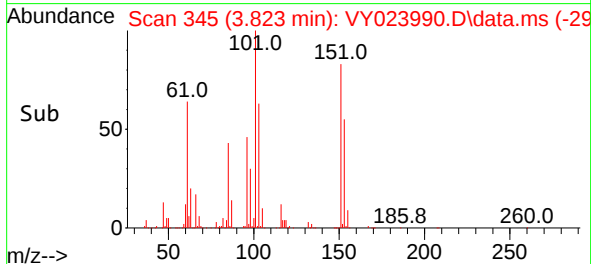
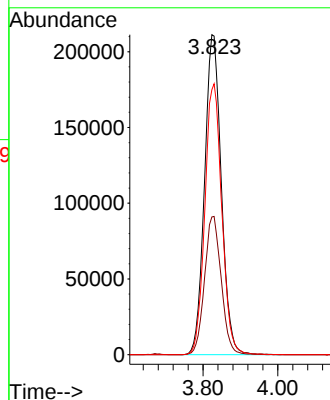
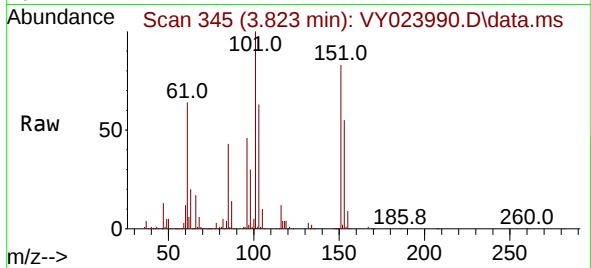




#9
1,1,2-Trichlorotrifluoroethane
Concen: 126.934 ug/l
RT: 3.823 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

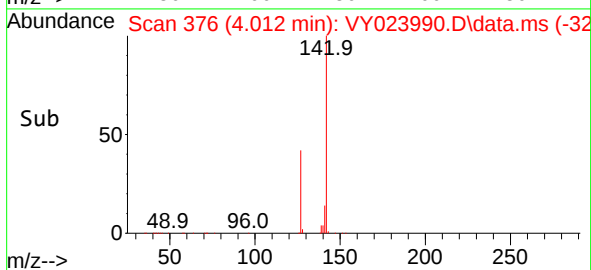
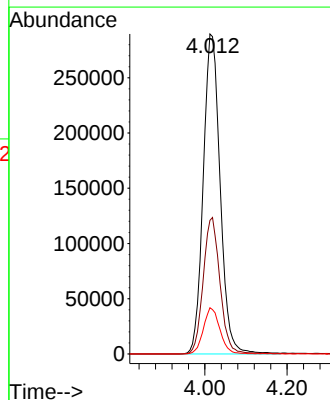
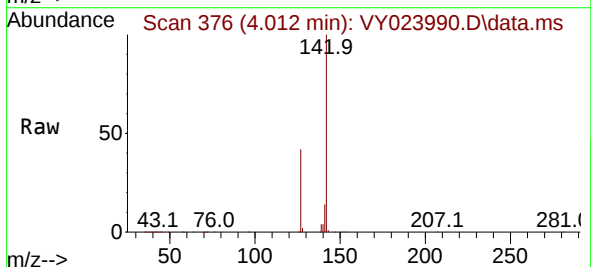
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

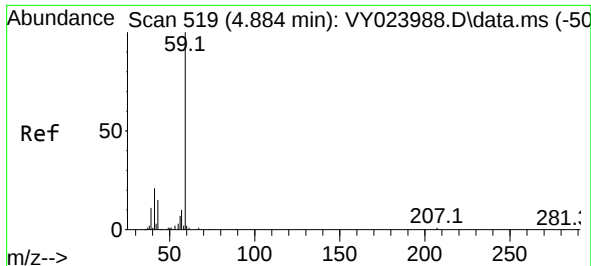
Tgt Ion:101 Resp: 656723
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 85.8 67.6 101.4



#10
Methyl Iodide
Concen: 143.961 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion:142 Resp: 827696
Ion Ratio Lower Upper
142 100
127 42.4 34.3 51.5
141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 738.153 ug/l

RT: 4.890 min Scan# 519

Delta R.T. 0.006 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

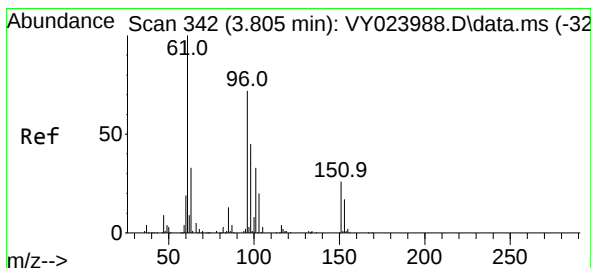
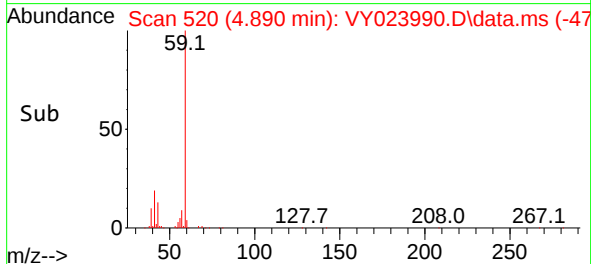
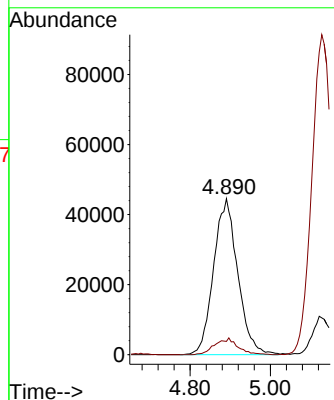
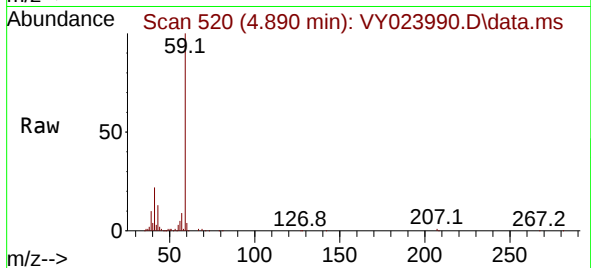
VSTDIC150

Tgt Ion: 59 Resp: 186150

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 134.920 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.006 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

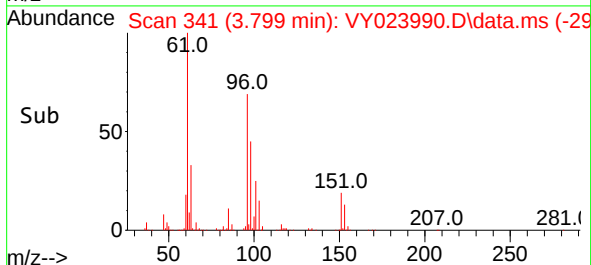
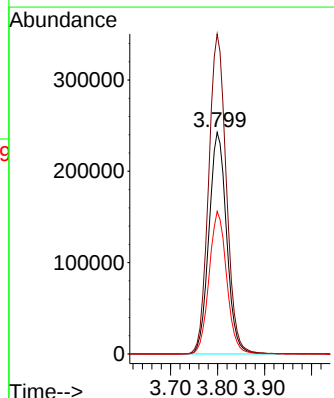
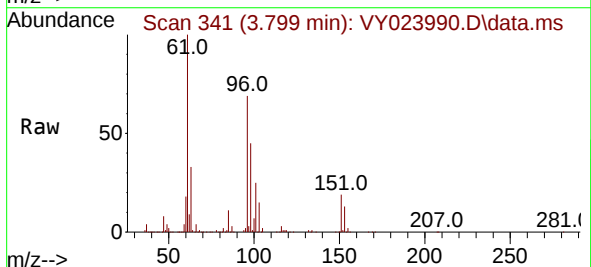
Tgt Ion: 96 Resp: 632628

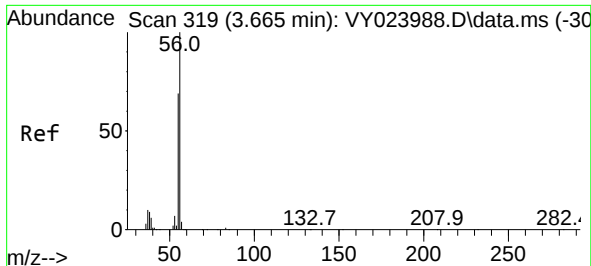
Ion Ratio Lower Upper

96 100

61 144.4 111.1 166.7

98 64.3 50.2 75.2

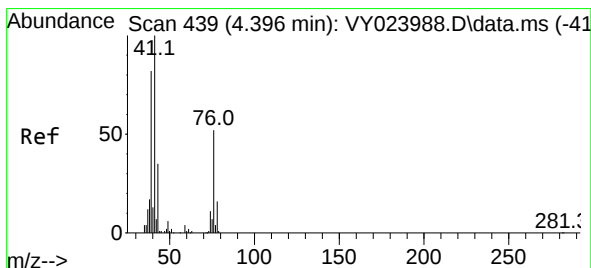
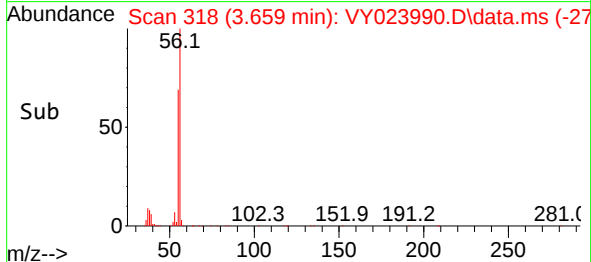
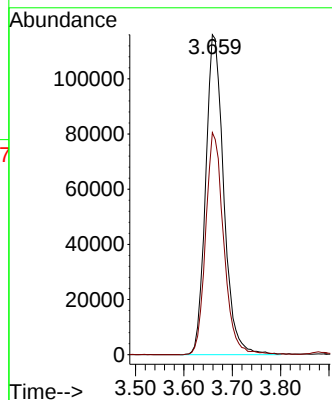
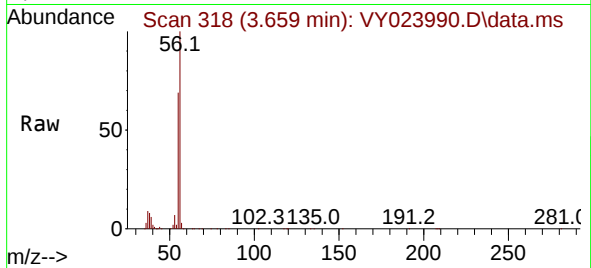




#13
Acrolein
Concen: 712.289 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

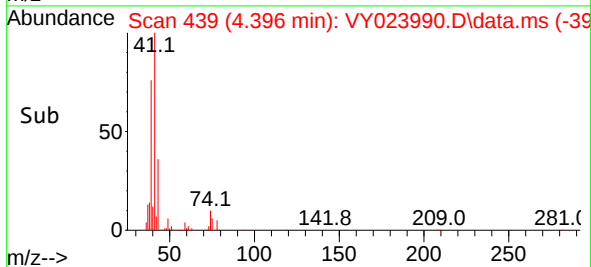
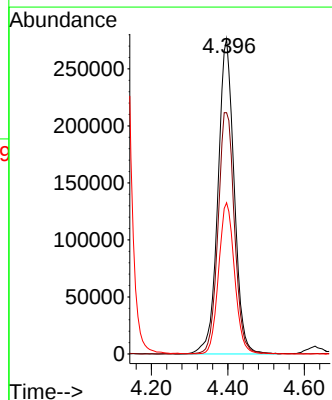
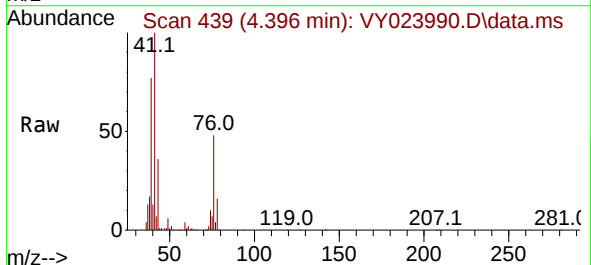
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

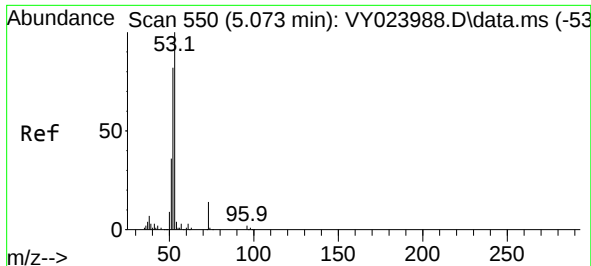
Tgt Ion: 56 Resp: 301189
Ion Ratio Lower Upper
56 100
55 69.6 58.1 87.1



#14
Allyl chloride
Concen: 143.167 ug/l
RT: 4.396 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 41 Resp: 813111
Ion Ratio Lower Upper
41 100
39 77.8 62.9 94.3
76 47.1 38.7 58.1

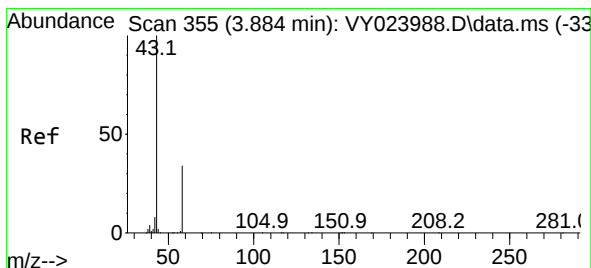
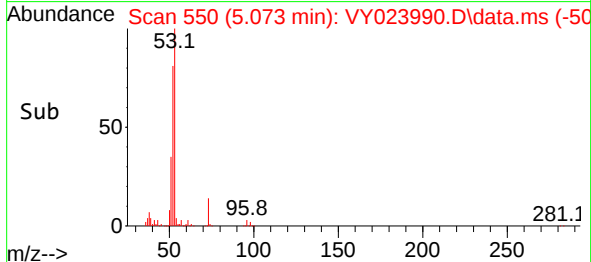
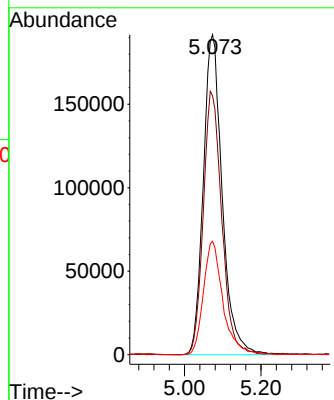
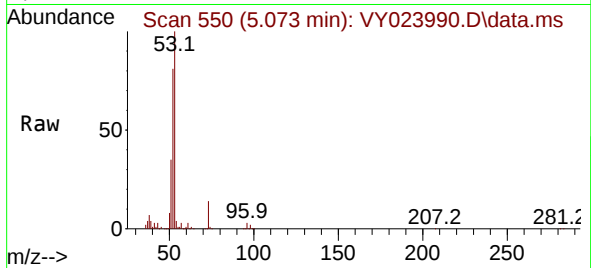




#15
Acrylonitrile
Concen: 734.315 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

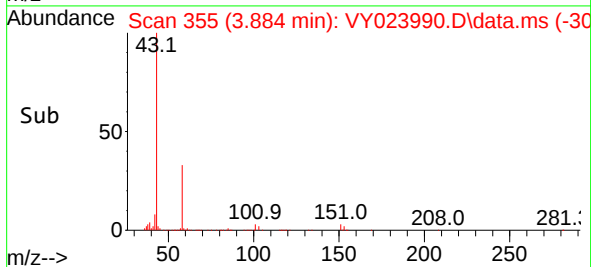
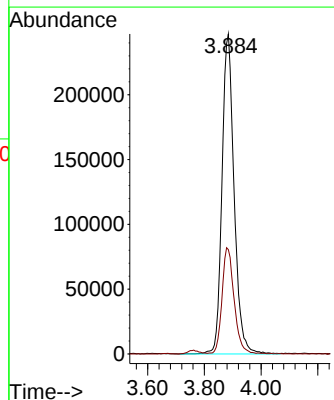
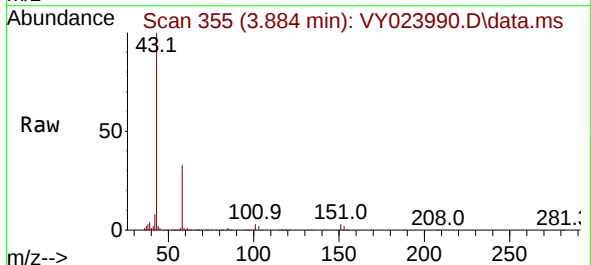
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

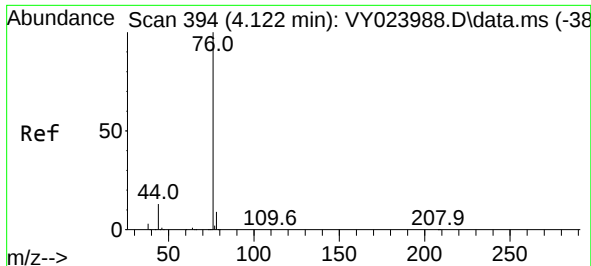
Tgt Ion: 53 Resp: 658038
Ion Ratio Lower Upper
53 100
52 80.6 64.2 96.4
51 36.4 29.1 43.7



#16
Acetone
Concen: 737.629 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 43 Resp: 731227
Ion Ratio Lower Upper
43 100
58 32.6 27.7 41.5

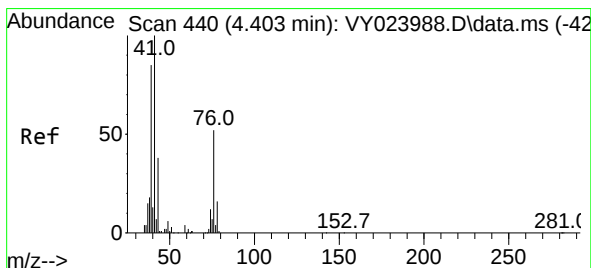
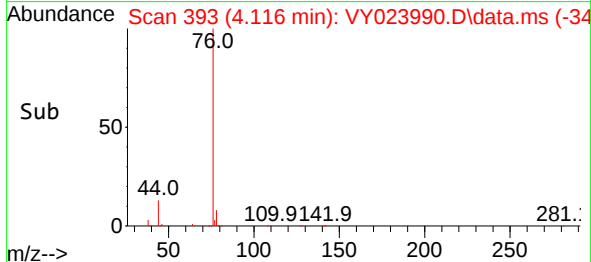
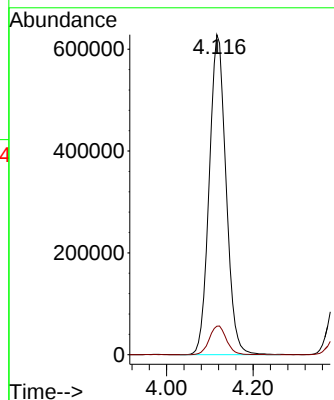
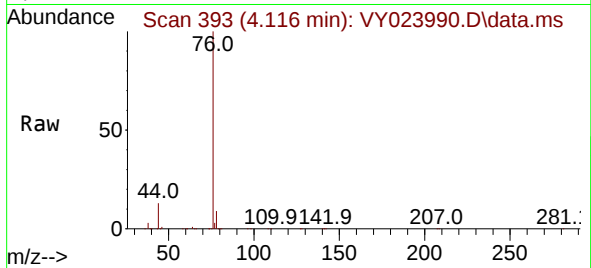




#17
Carbon Disulfide
Concen: 144.296 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

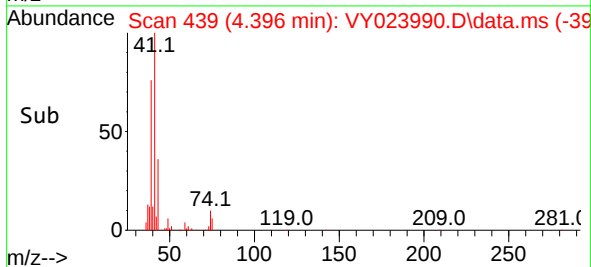
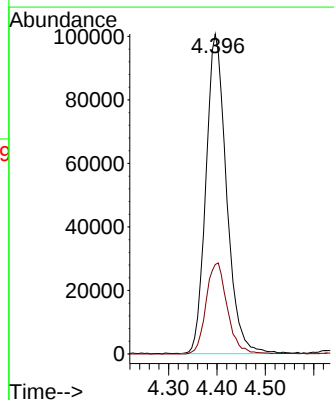
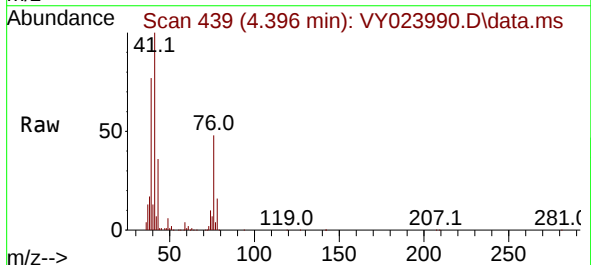
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

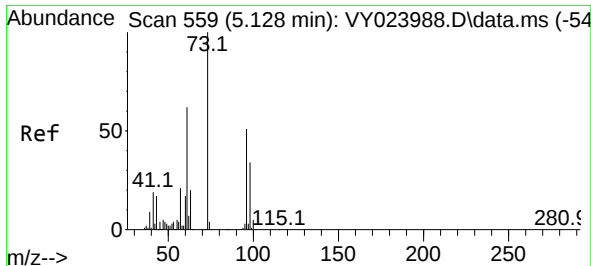
Tgt Ion: 76 Resp: 1693152
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 152.906 ug/l
RT: 4.396 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 43 Resp: 297526
Ion Ratio Lower Upper
43 100
74 29.3 24.7 37.1

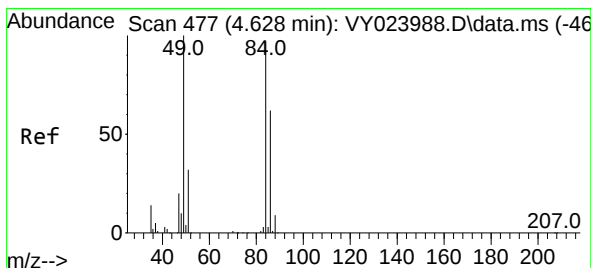
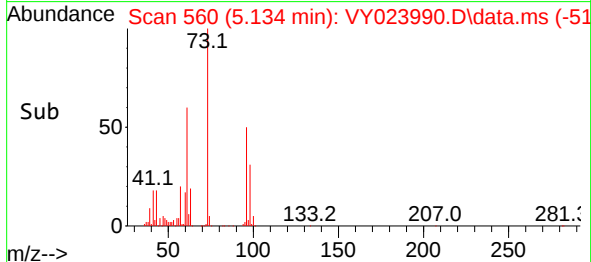
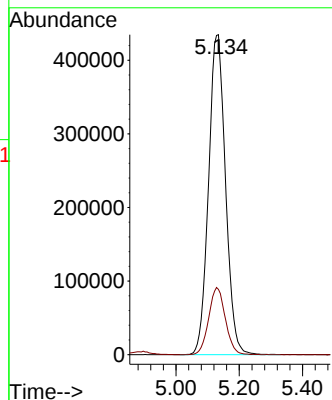
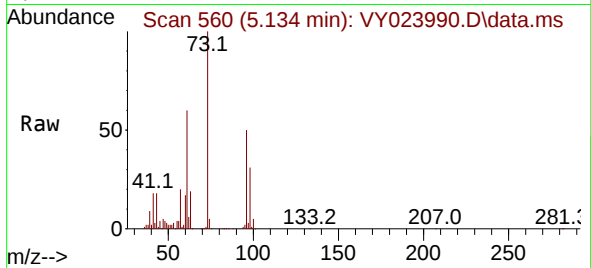




#19
Methyl tert-butyl Ether
Concen: 145.328 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

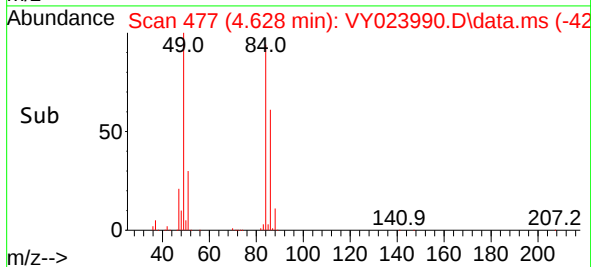
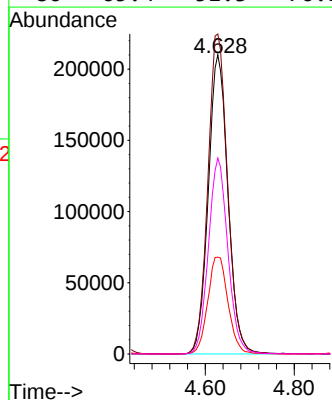
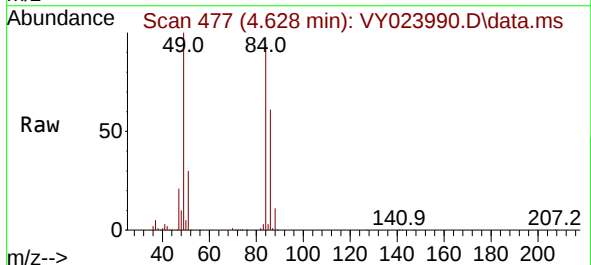
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

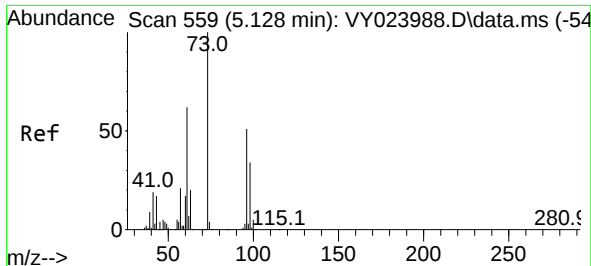
Tgt Ion: 73 Resp: 1618976
Ion Ratio Lower Upper
73 100
57 20.4 16.6 24.8



#20
Methylene Chloride
Concen: 109.233 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 84 Resp: 646702
Ion Ratio Lower Upper
84 100
49 106.9 82.6 124.0
51 32.4 26.4 39.6
86 65.4 51.3 76.9

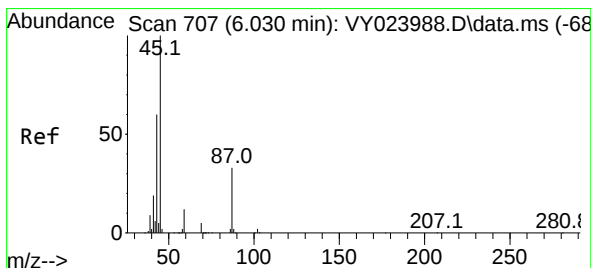
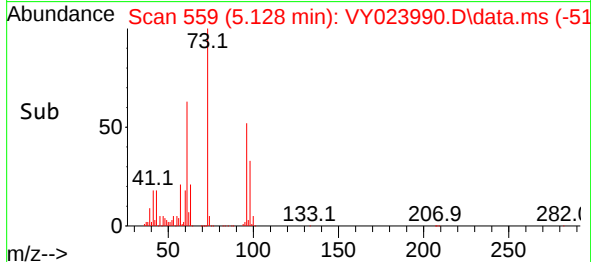
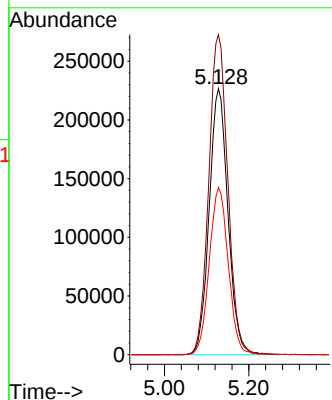
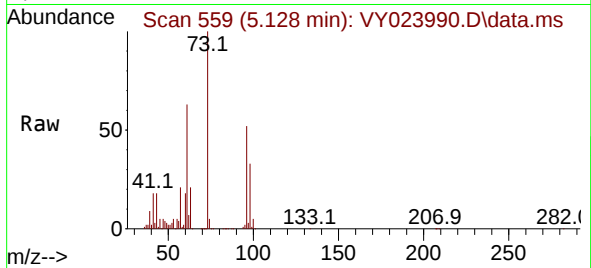




#21
trans-1,2-Dichloroethene
Concen: 137.415 ug/l
RT: 5.128 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

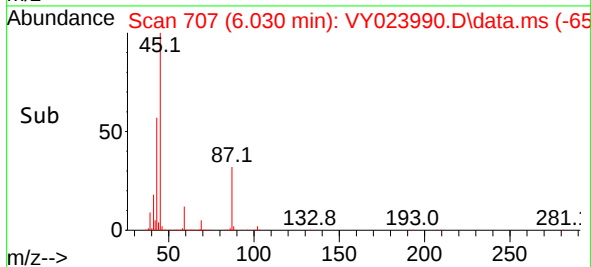
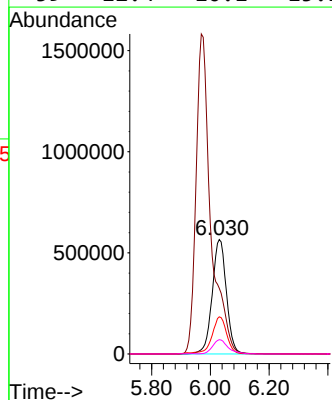
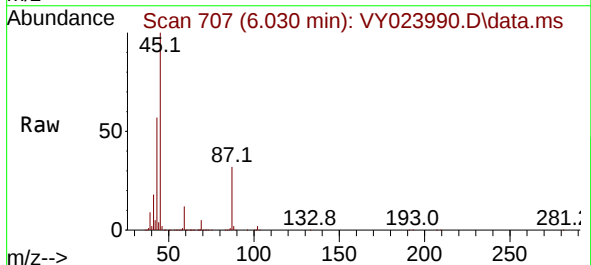
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

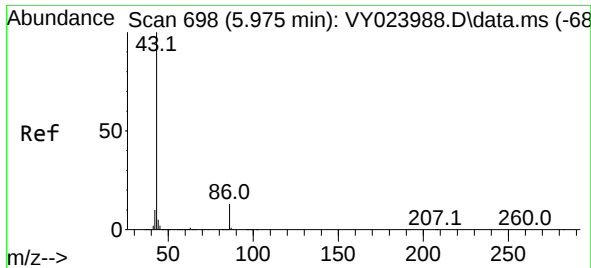
Tgt Ion: 96 Resp: 700212
Ion Ratio Lower Upper
96 100
61 120.3 97.8 146.8
98 62.8 52.8 79.2



#22
Diisopropyl ether
Concen: 145.020 ug/l
RT: 6.030 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 45 Resp: 1902149
Ion Ratio Lower Upper
45 100
43 57.4 48.3 72.5
87 32.5 26.8 40.2
59 12.4 10.1 15.1

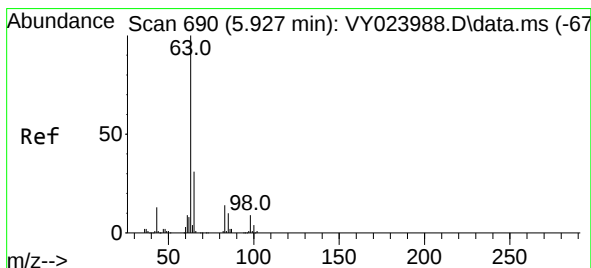
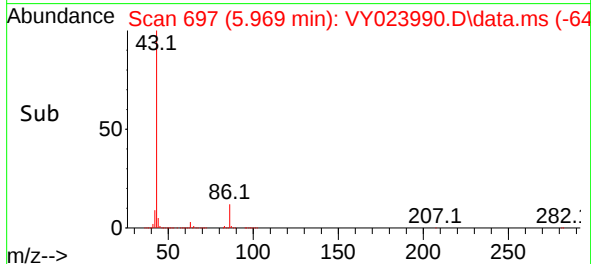
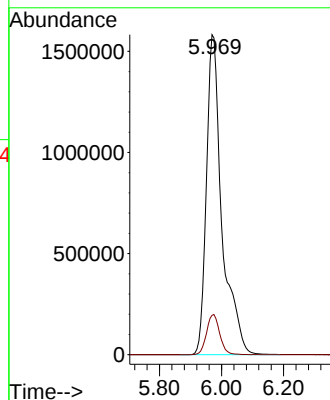
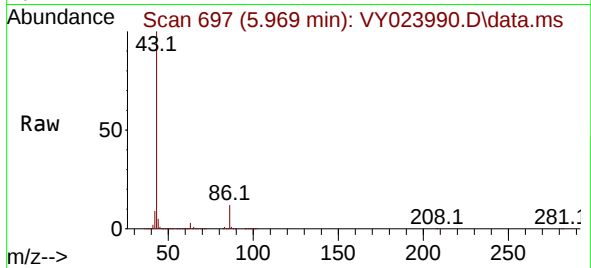




#23
 Vinyl Acetate
 Concen: 770.242 ug/l
 RT: 5.969 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

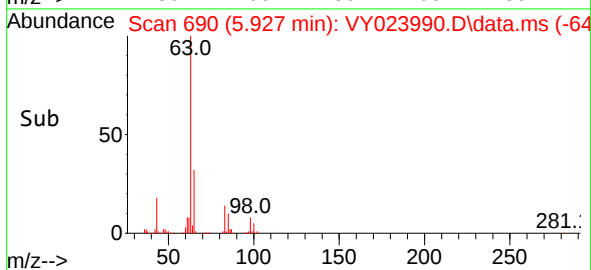
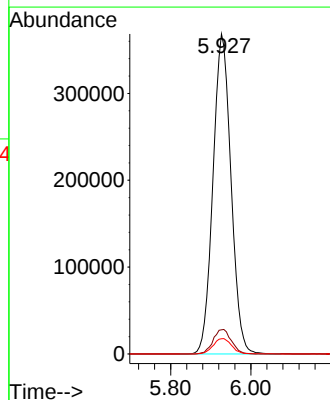
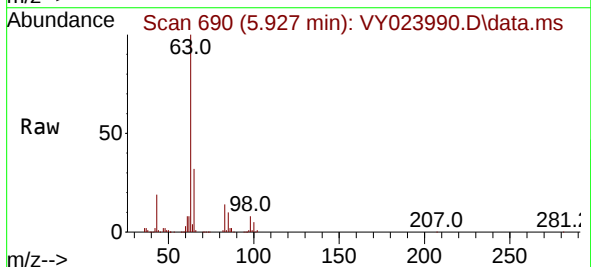
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

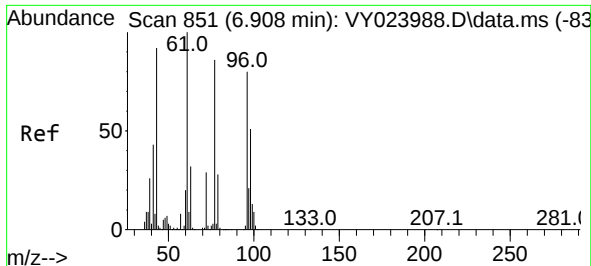
Tgt Ion: 43 Resp: 5499472
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 134.457 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

Tgt Ion: 63 Resp: 1147551
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.3 12.9
 100 4.8 2.2 6.6

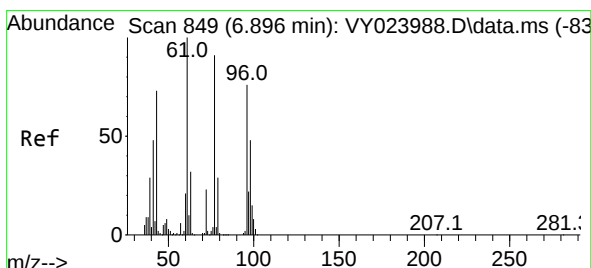
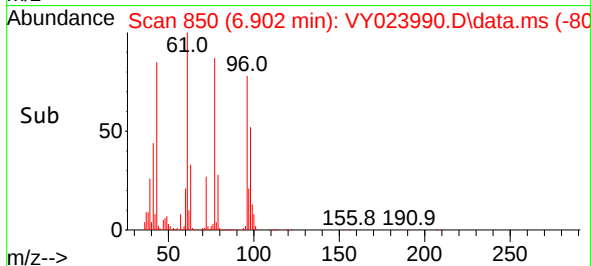
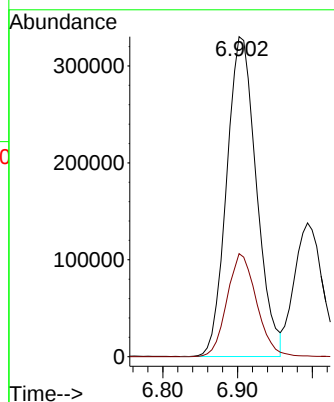
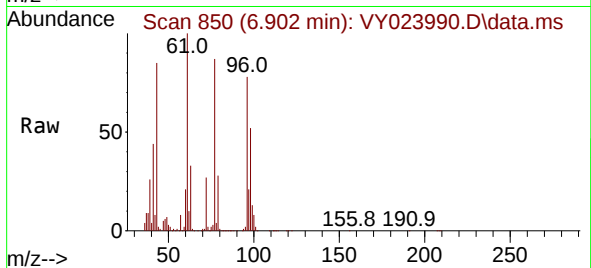




#25
2-Butanone
Concen: 691.936 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

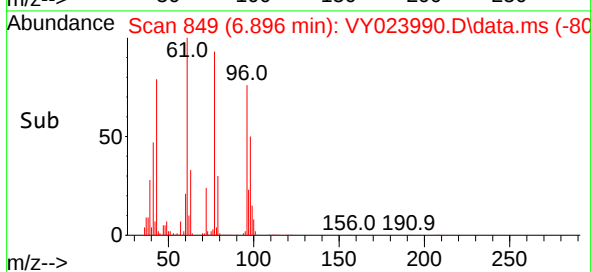
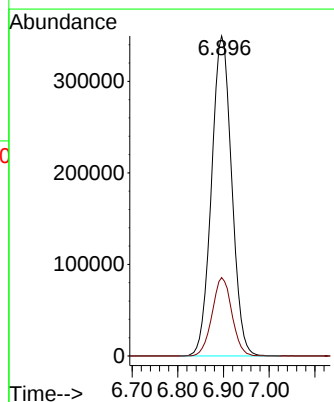
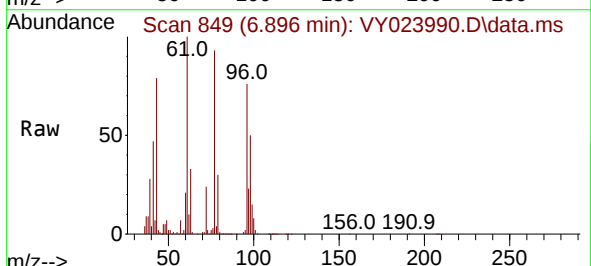
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

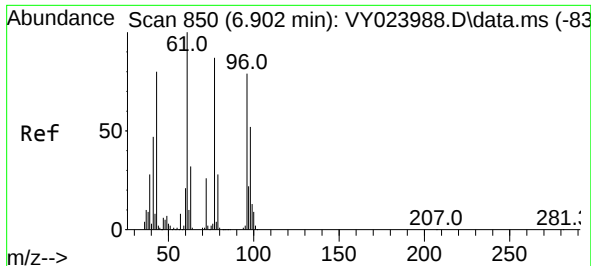
Tgt Ion: 43 Resp: 914943
Ion Ratio Lower Upper
43 100
72 32.2 25.4 38.0



#26
2,2-Dichloropropane
Concen: 134.604 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 77 Resp: 1072051
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 137.013 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

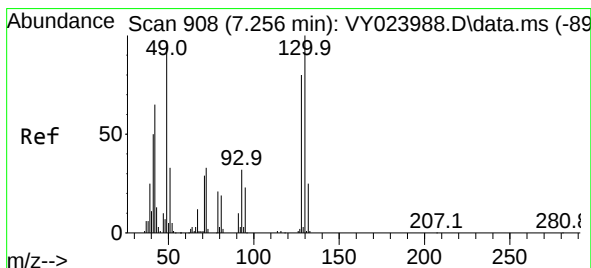
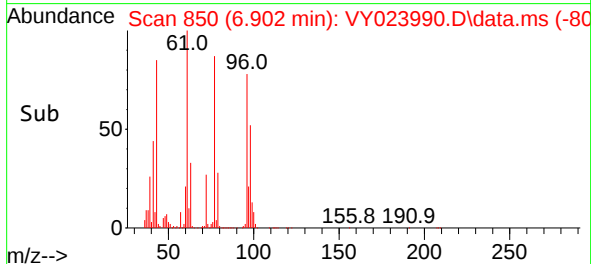
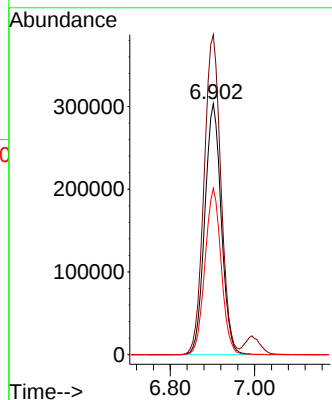
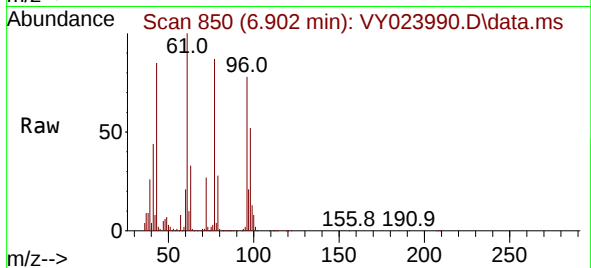
Tgt Ion: 96 Resp: 827002

Ion Ratio Lower Upper

96 100

61 130.0 0.0 258.8

98 65.2 0.0 129.2



#28

Bromochloromethane

Concen: 166.701 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

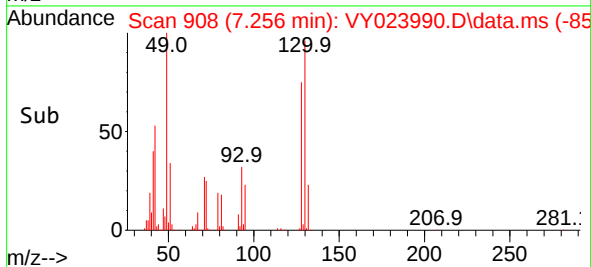
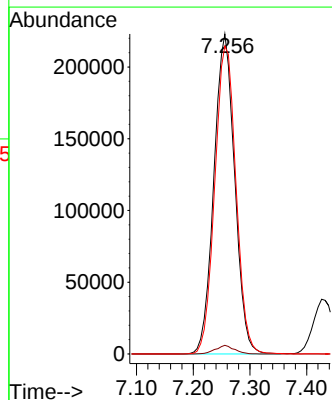
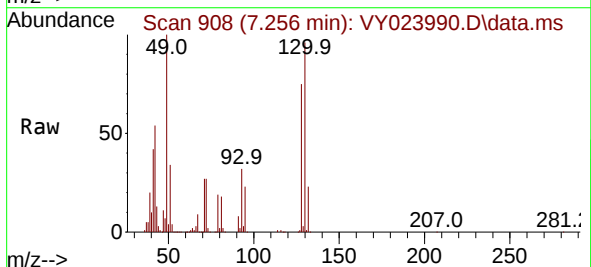
Tgt Ion: 49 Resp: 567805

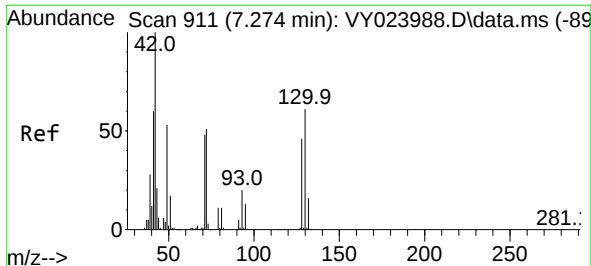
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.4

130 98.0 80.3 120.5





#29

Tetrahydrofuran

Concen: 781.523 ug/l

RT: 7.274 min Scan# 911

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

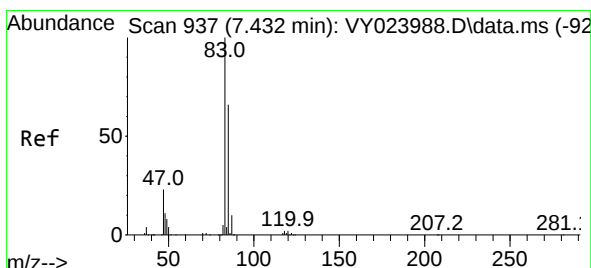
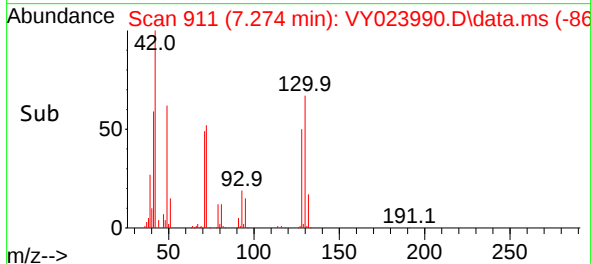
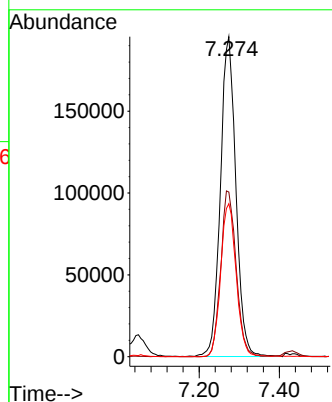
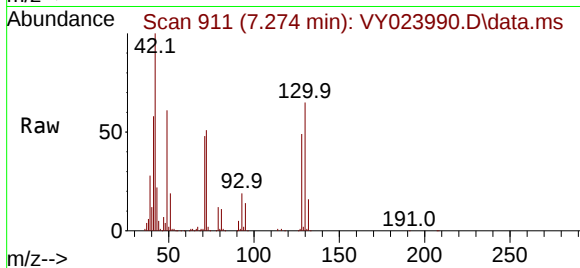
Tgt Ion: 42 Resp: 523203

Ion Ratio Lower Upper

42 100

72 51.8 41.4 62.0

71 47.9 38.6 57.8



#30

Chloroform

Concen: 131.538 ug/l

RT: 7.432 min Scan# 937

Delta R.T. -0.000 min

Lab File: VY023990.D

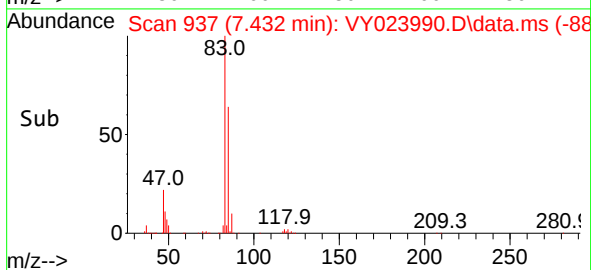
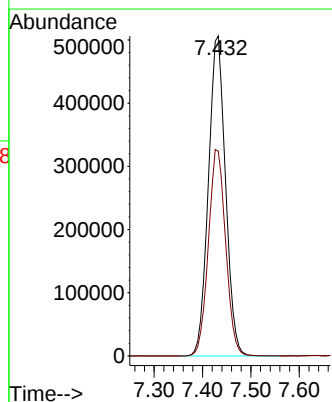
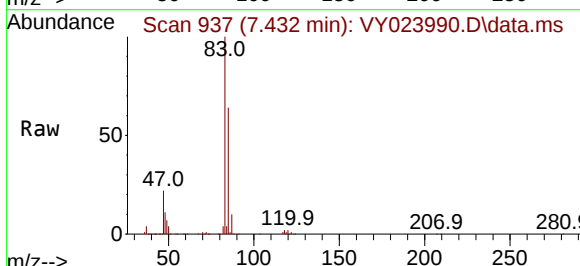
Acq: 16 Dec 2025 15:14

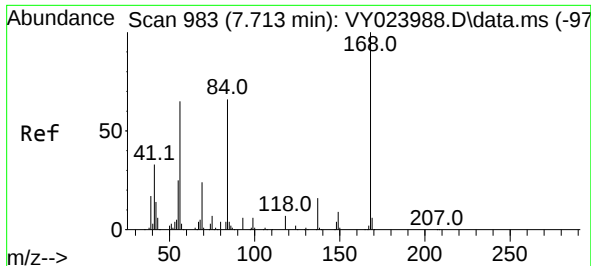
Tgt Ion: 83 Resp: 1245456

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8

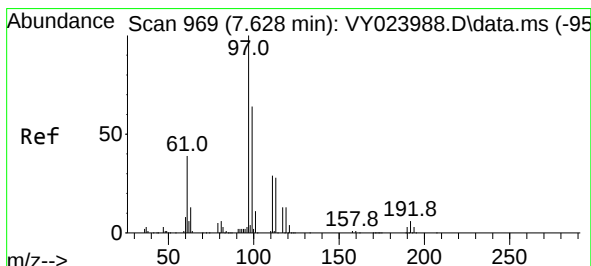
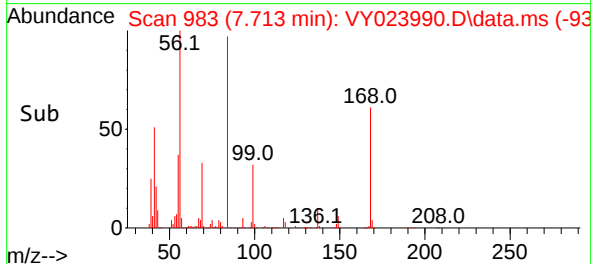
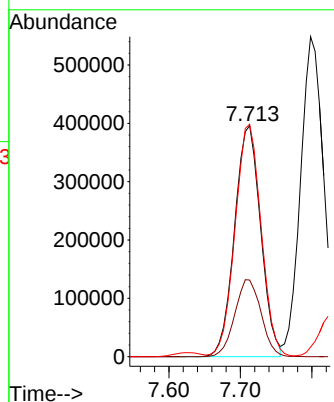
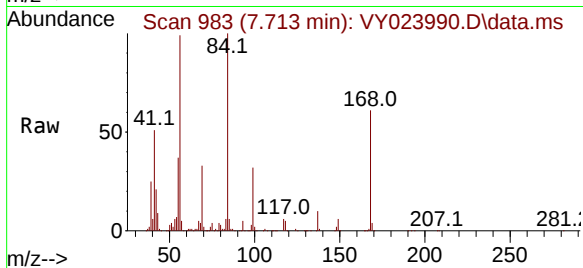




#31
Cyclohexane
Concen: 133.183 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

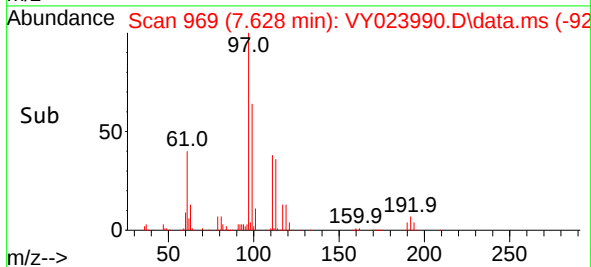
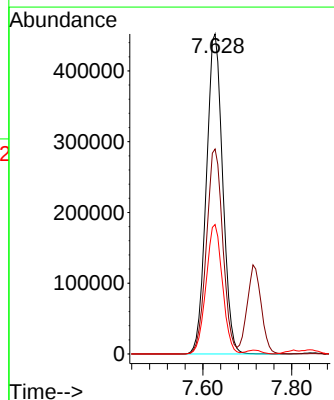
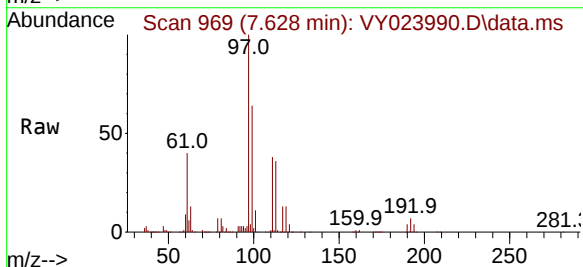
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

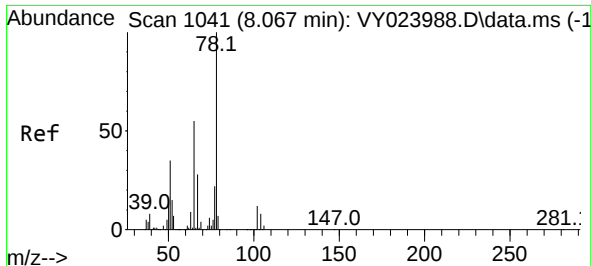
Tgt Ion: 56 Resp: 1004274
Ion Ratio Lower Upper
56 100
69 33.1 30.0 45.0
84 99.1 81.0 121.4



#32
1,1,1-Trichloroethane
Concen: 131.695 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 97 Resp: 1156681
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 40.6 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 133.913 ug/l

RT: 8.066 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

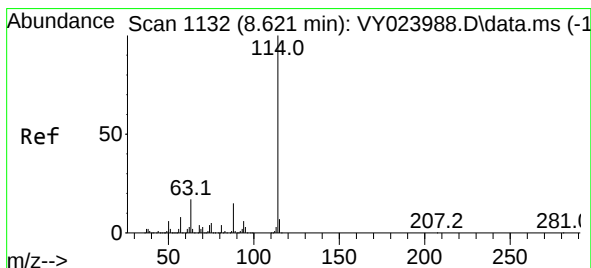
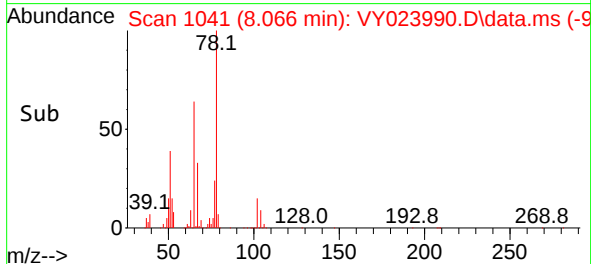
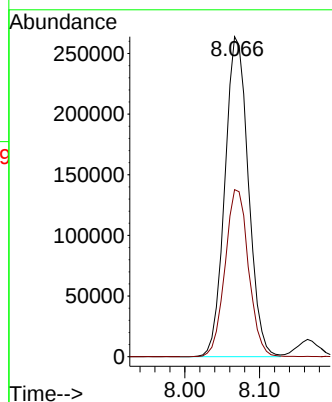
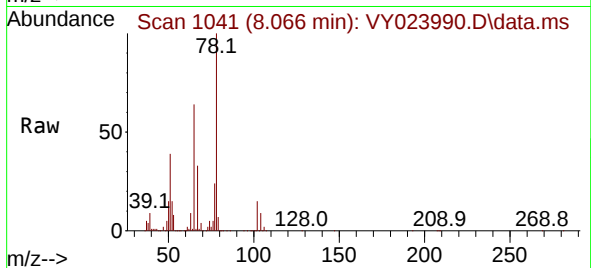
VSTDIC150

Tgt Ion: 65 Resp: 576908

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

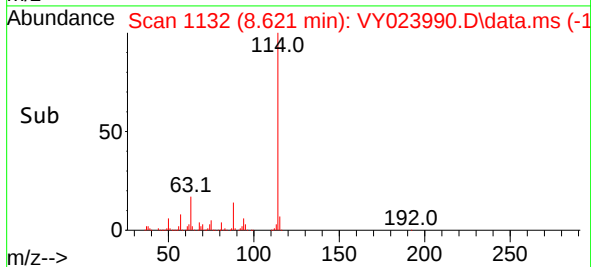
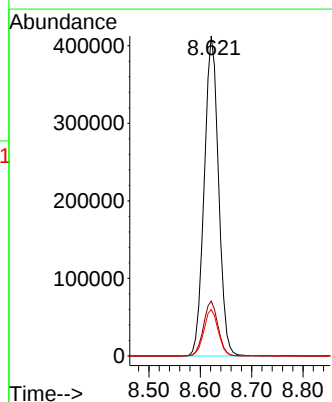
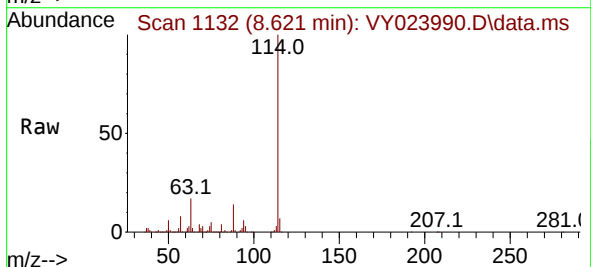
Tgt Ion: 114 Resp: 795991

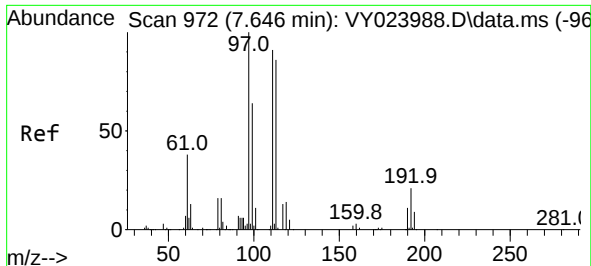
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.6

88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 133.160 ug/l

RT: 7.646 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

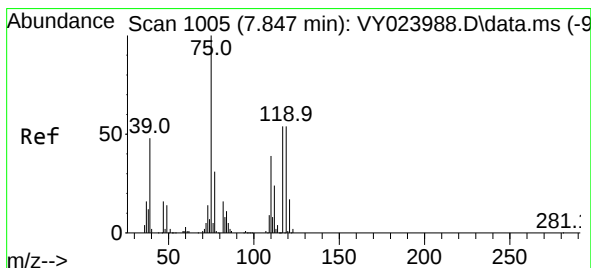
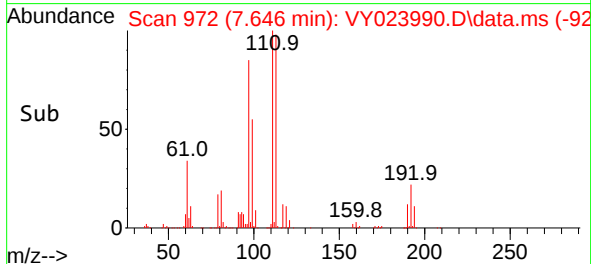
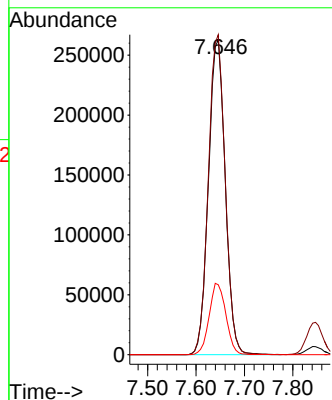
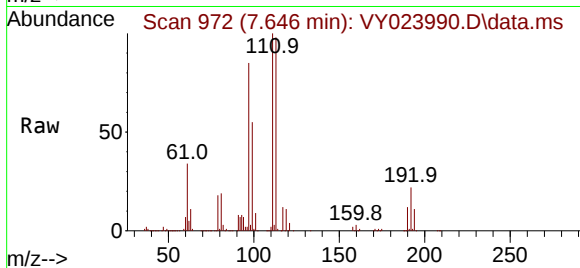
Tgt Ion:113 Resp: 634317

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

192 22.5 18.2 27.4



#36

1,1-Dichloropropene

Concen: 136.656 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.006 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

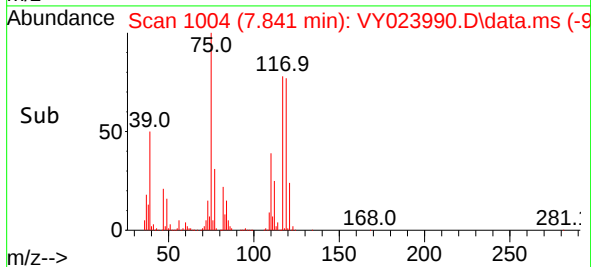
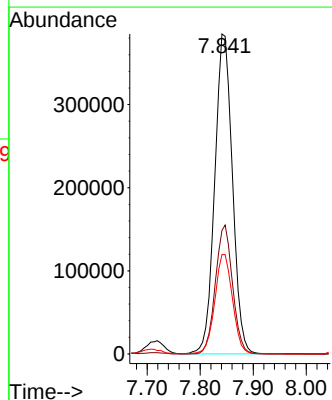
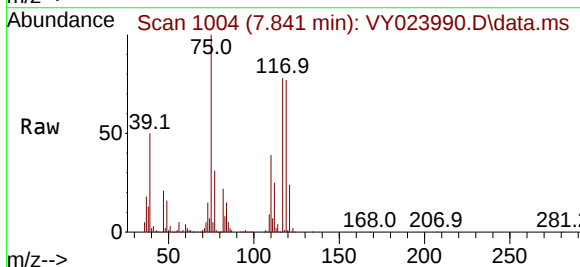
Tgt Ion: 75 Resp: 892240

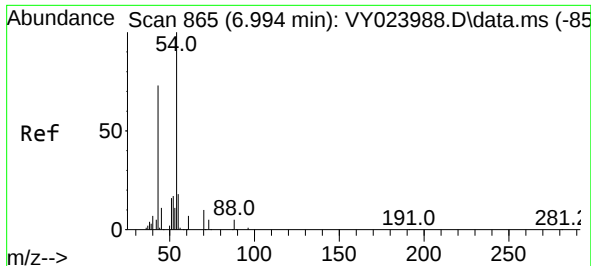
Ion Ratio Lower Upper

75 100

110 39.0 19.6 58.8

77 31.1 25.4 38.0

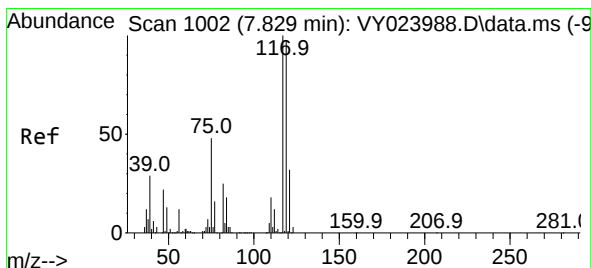
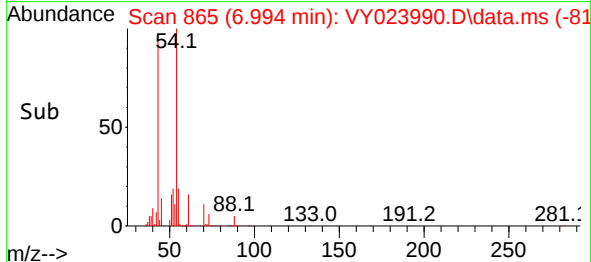
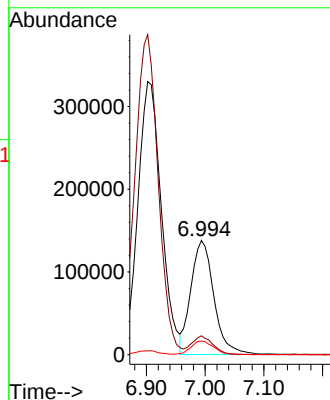
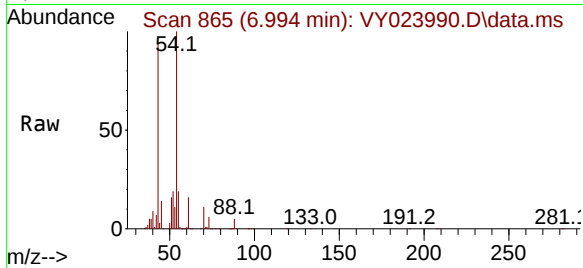




#37
Ethyl Acetate
Concen: 151.875 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

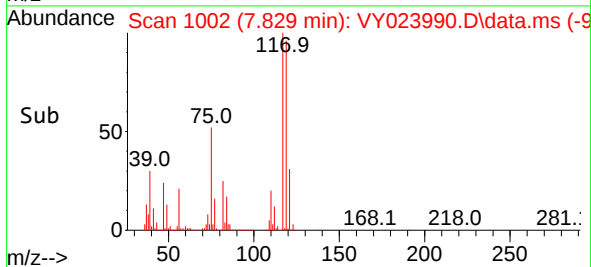
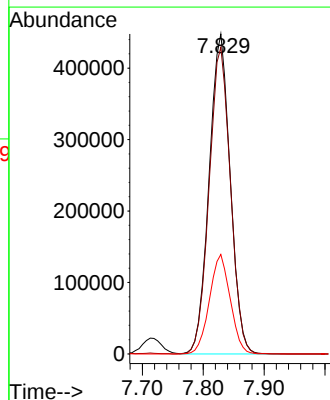
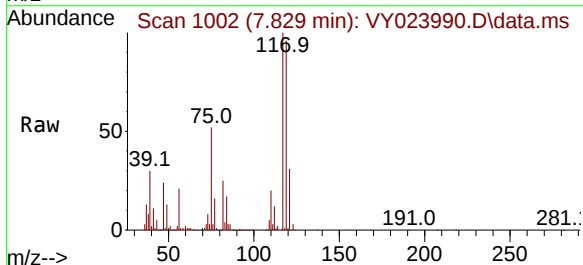
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

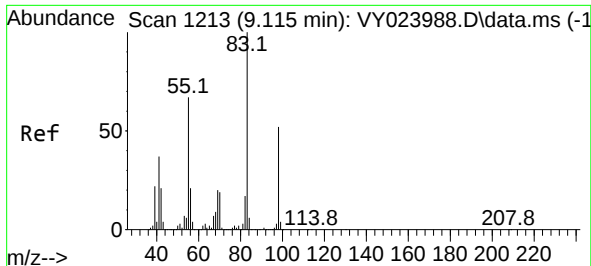
Tgt Ion: 43 Resp: 375372
Ion Ratio Lower Upper
43 100
61 15.1 12.6 18.8
70 11.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 131.945 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 117 Resp: 1079126
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5
121 31.1 25.3 37.9





#39

Methylcyclohexane

Concen: 141.376 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

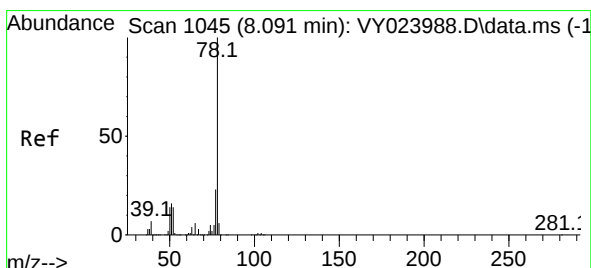
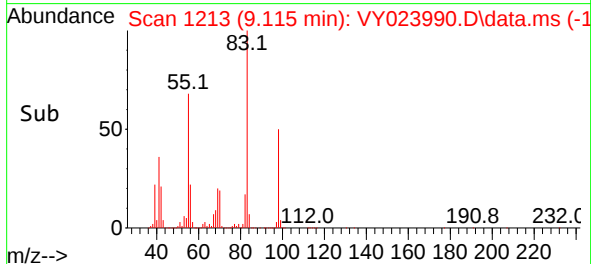
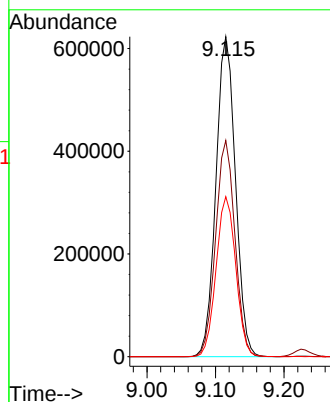
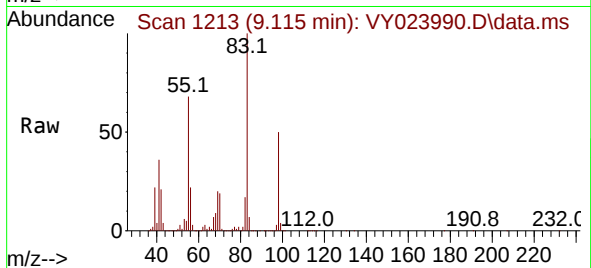
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1230741

Ion	Ratio	Lower	Upper
83	100		
55	67.6	53.8	80.6
98	50.0	41.3	61.9



#40

Benzene

Concen: 135.818 ug/l

RT: 8.091 min Scan# 1045

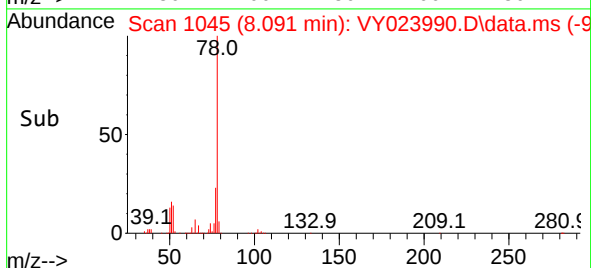
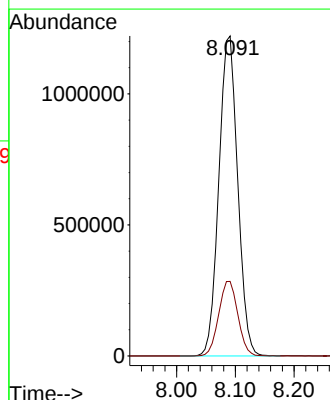
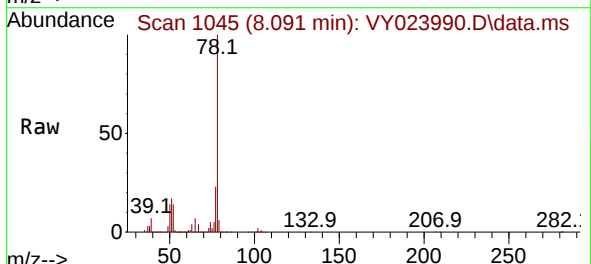
Delta R.T. -0.000 min

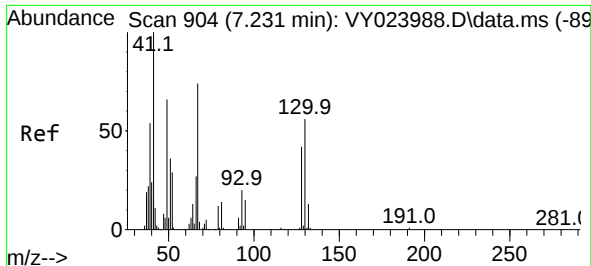
Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Tgt Ion: 78 Resp: 2718951

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8



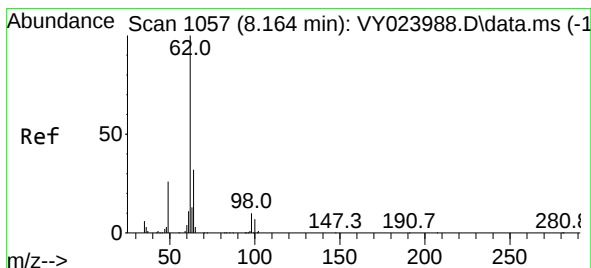
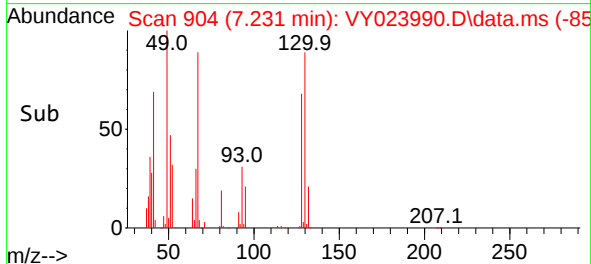
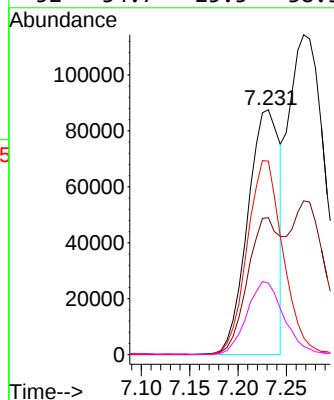
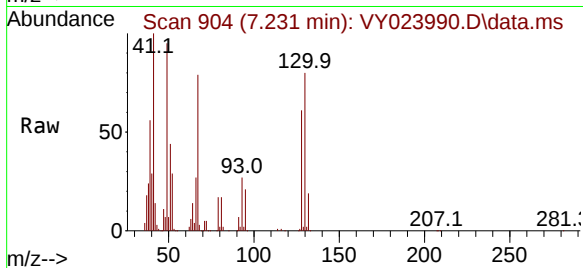


#41
Methacrylonitrile
Concen: 134.513 ug/l
RT: 7.231 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 200753

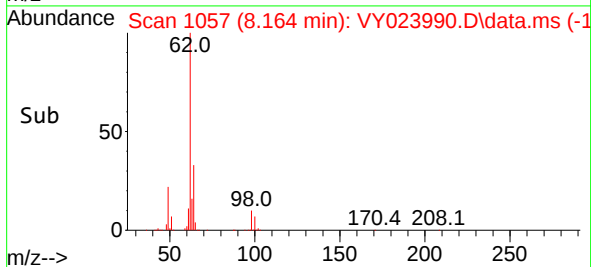
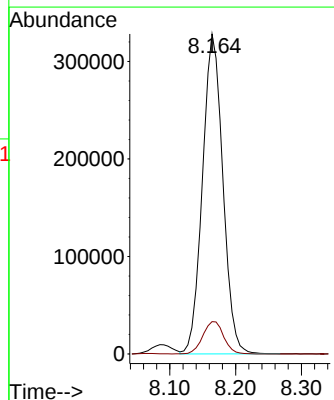
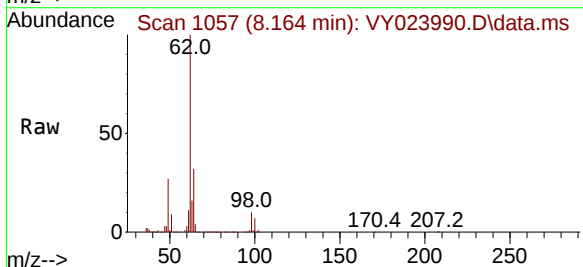
Ion	Ratio	Lower	Upper
41	100		
39	63.6	37.9	56.9
67	89.4	65.6	98.4
52	34.7	25.5	38.3

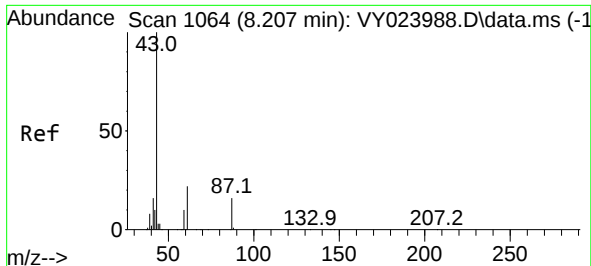


#42
1,2-Dichloroethane
Concen: 137.194 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 62 Resp: 707635

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8

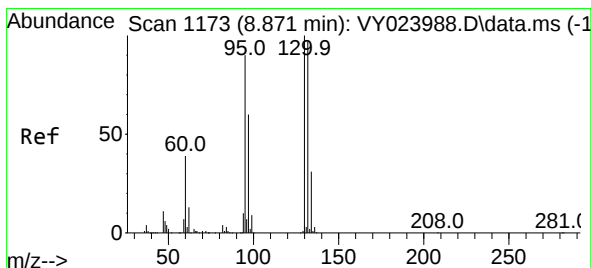
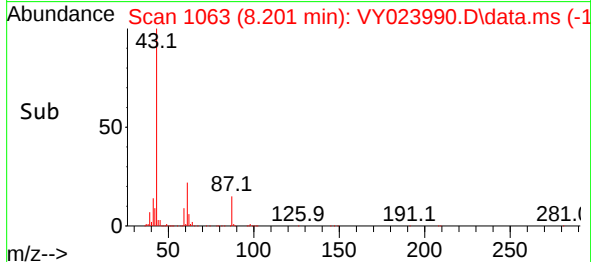
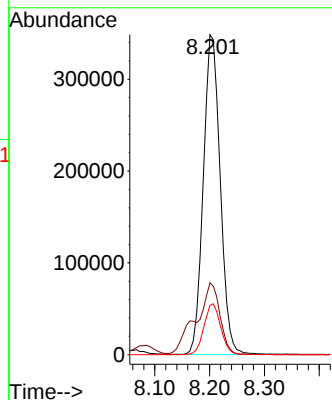
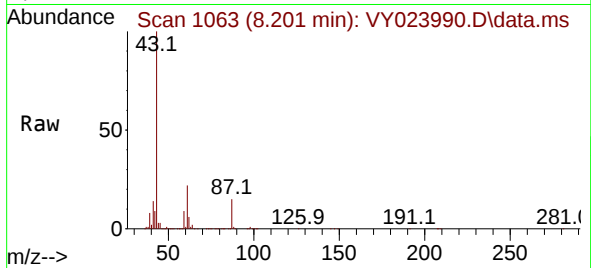




#43
Isopropyl Acetate
Concen: 155.782 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

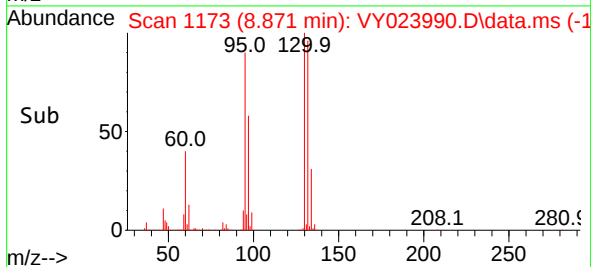
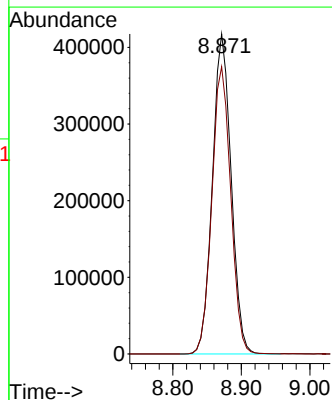
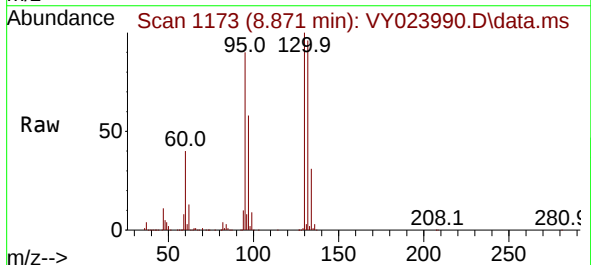
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

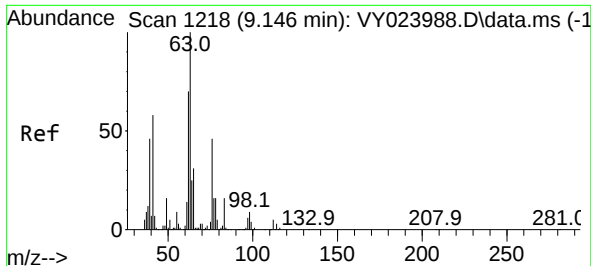
Tgt Ion: 43 Resp: 744782
Ion Ratio Lower Upper
43 100
61 31.8 26.6 39.8
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 134.187 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion:130 Resp: 791628
Ion Ratio Lower Upper
130 100
95 89.7 0.0 180.2

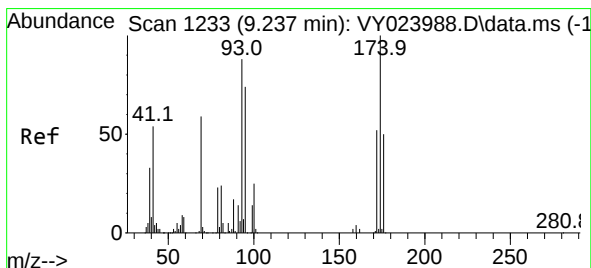
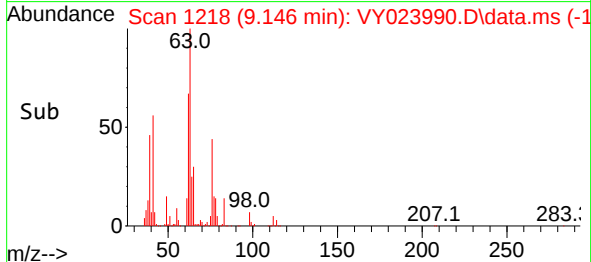
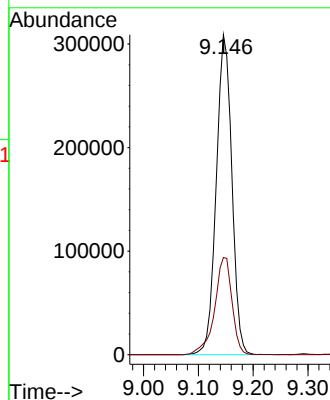
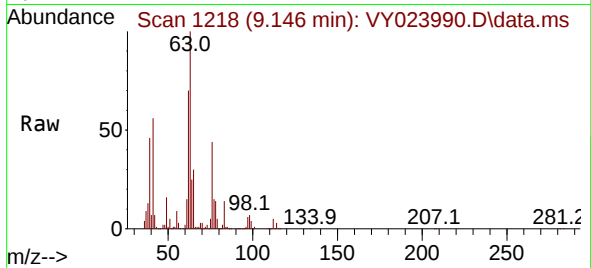




#45
1,2-Dichloropropane
Concen: 135.943 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

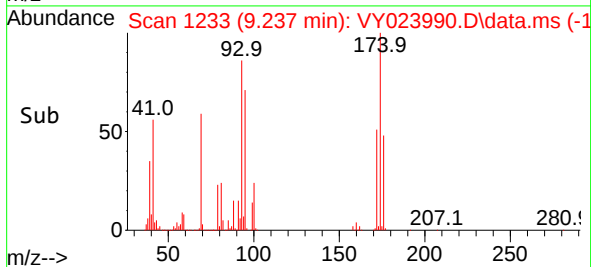
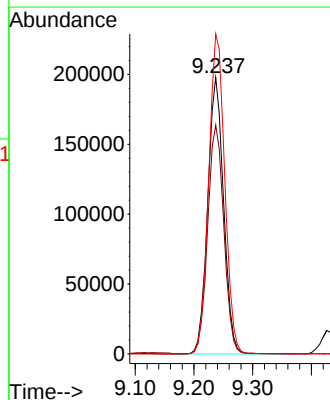
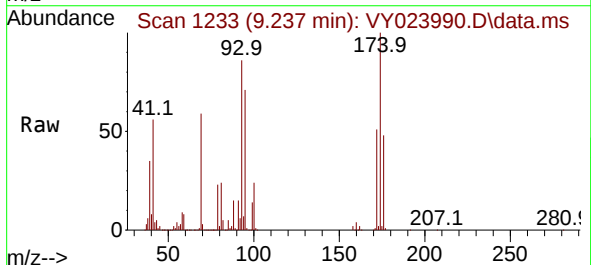
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

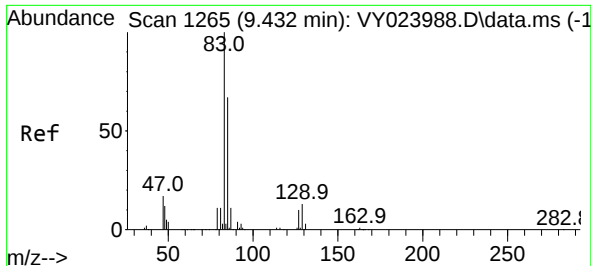
Tgt Ion: 63 Resp: 611118
Ion Ratio Lower Upper
63 100
65 30.3 25.0 37.6



#46
Dibromomethane
Concen: 137.562 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 93 Resp: 370832
Ion Ratio Lower Upper
93 100
95 83.9 67.4 101.2
174 117.4 94.6 141.8

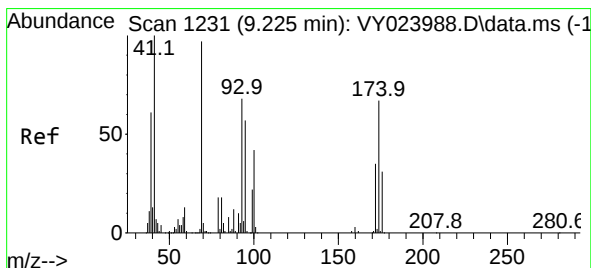
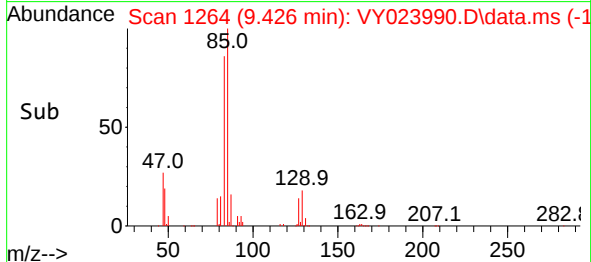
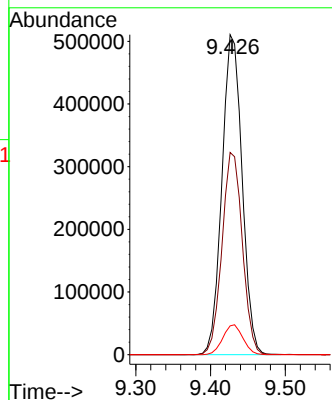
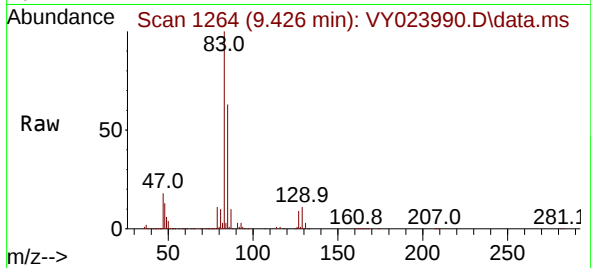




#47
Bromodichloromethane
Concen: 136.831 ug/l
RT: 9.426 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

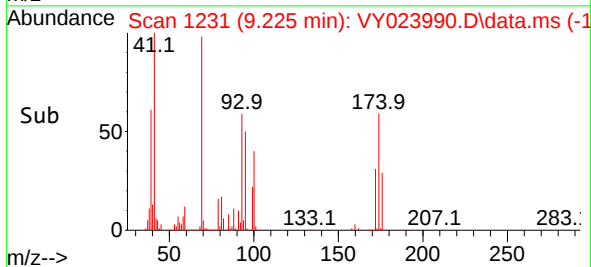
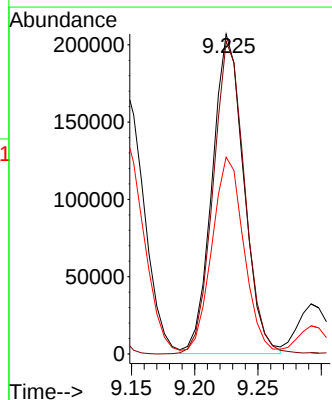
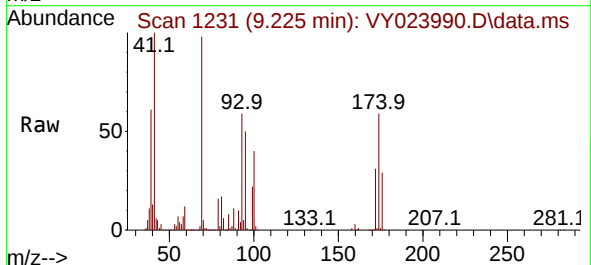
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

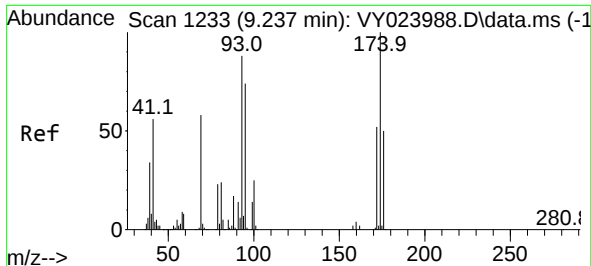
Tgt Ion: 83 Resp: 957015
Ion Ratio Lower Upper
83 100
85 63.2 53.5 80.3
127 9.0 7.8 11.6



#48
Methyl methacrylate
Concen: 154.289 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 41 Resp: 359528
Ion Ratio Lower Upper
41 100
69 97.5 78.2 117.4
39 60.3 47.2 70.8

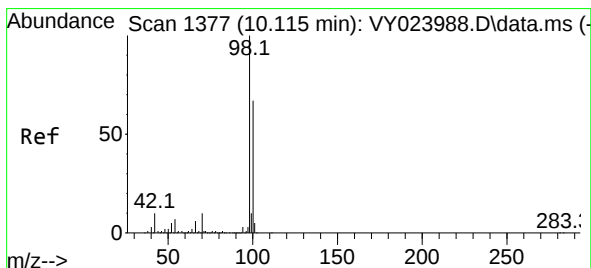
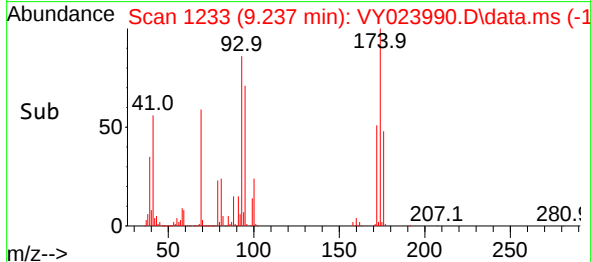
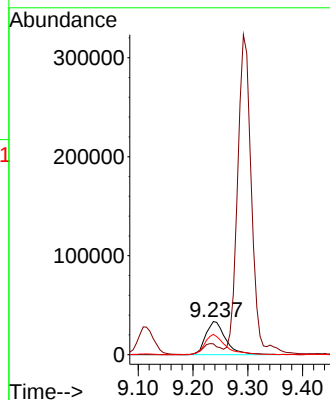
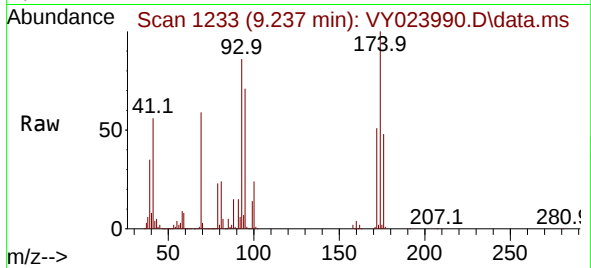




#49
1,4-Dioxane
Concen: 2884.088 ug/l
RT: 9.237 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

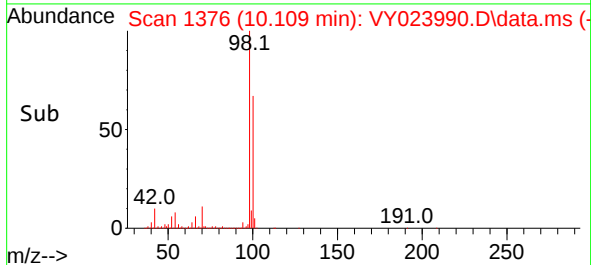
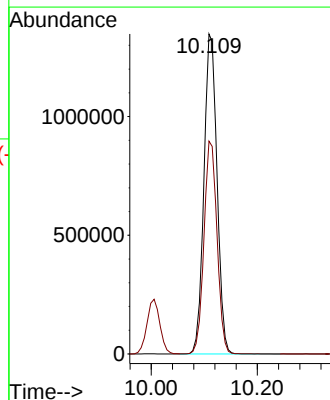
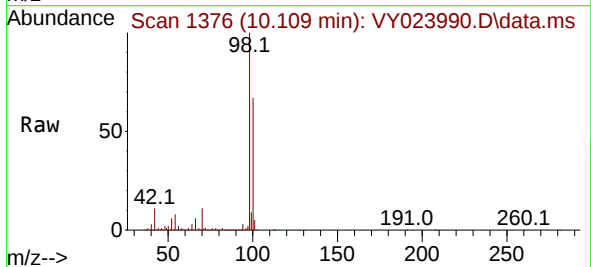
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

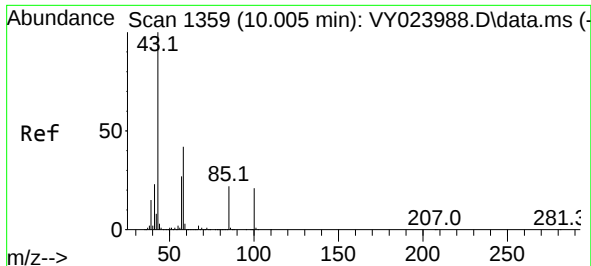
Tgt Ion: 88 Resp: 84682
Ion Ratio Lower Upper
88 100
43 27.7 21.0 31.4
58 63.4 48.9 73.3



#50
Toluene-d8
Concen: 134.355 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 98 Resp: 2309368
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6

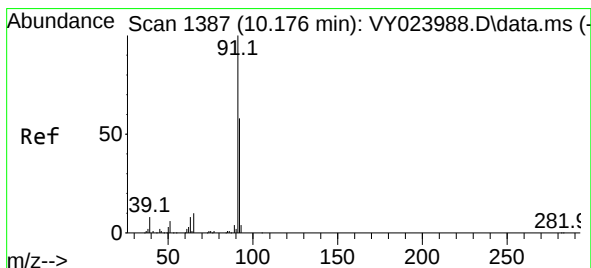
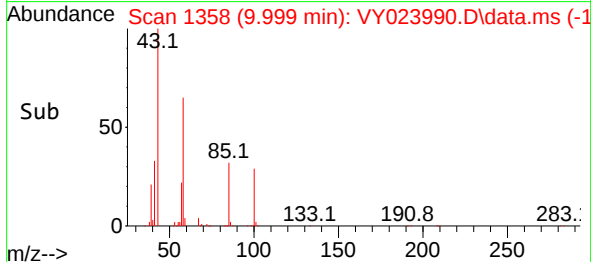
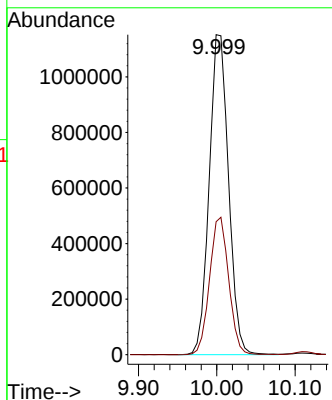
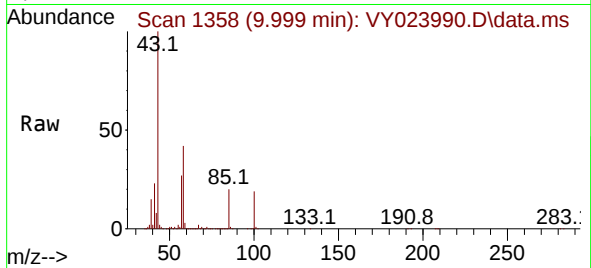




#51
4-Methyl-2-Pentanone
Concen: 789.345 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

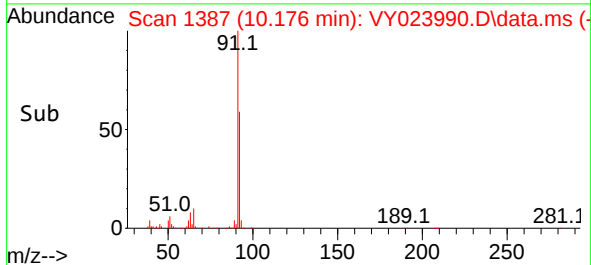
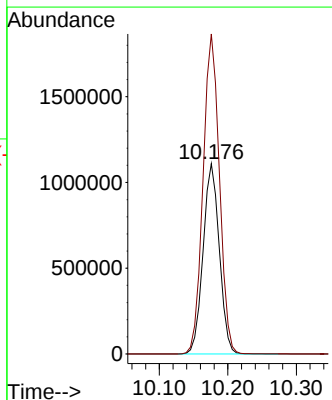
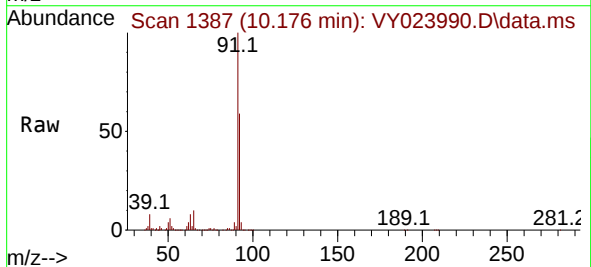
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

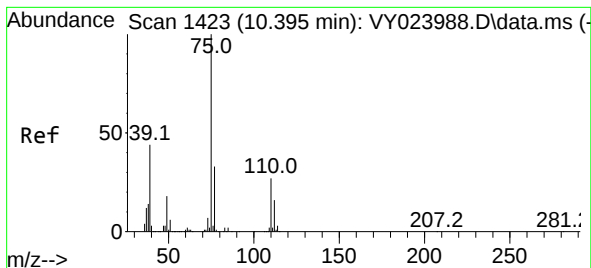
Tgt Ion: 43 Resp: 1975411
Ion Ratio Lower Upper
43 100
58 42.5 34.2 51.4



#52
Toluene
Concen: 130.765 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 92 Resp: 1822308
Ion Ratio Lower Upper
92 100
91 170.4 136.7 205.1

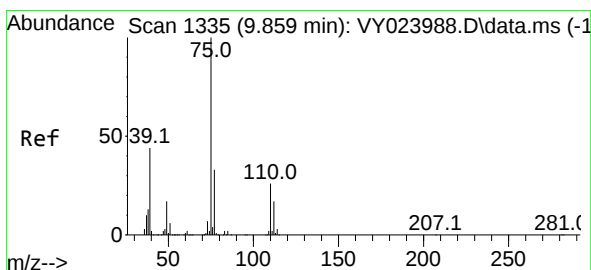
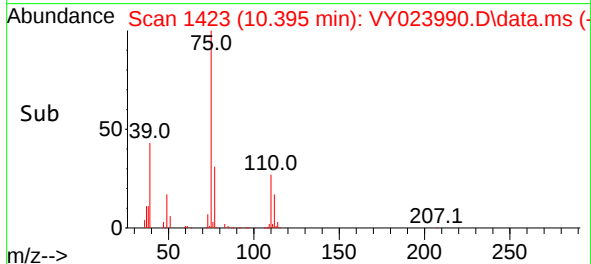
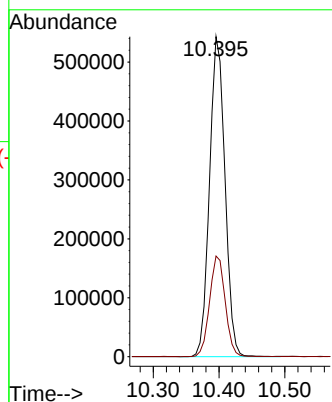
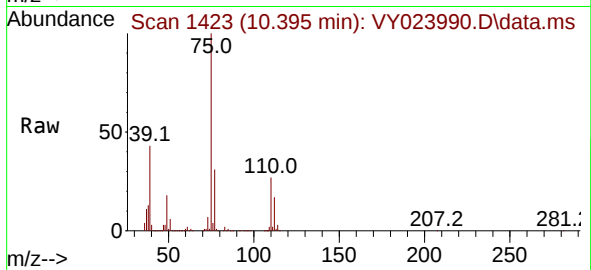




#53
t-1,3-Dichloropropene
Concen: 149.389 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

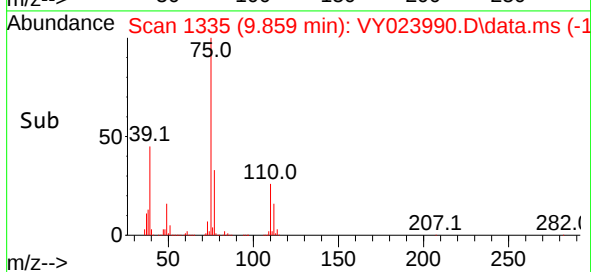
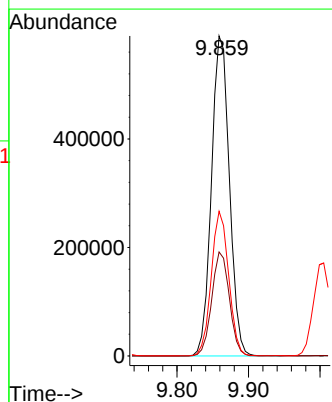
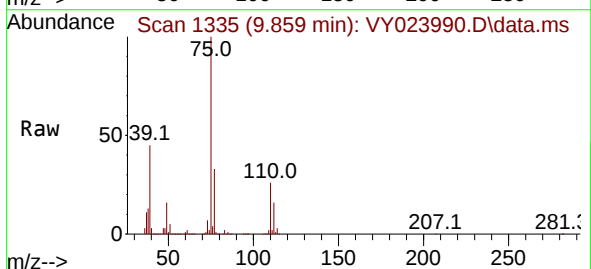
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

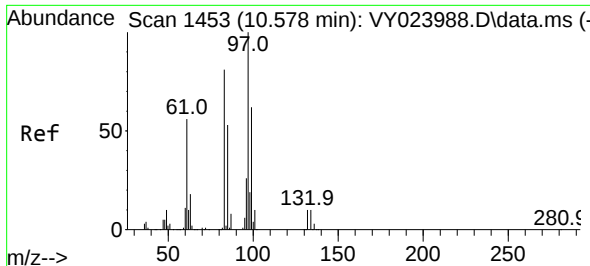
Tgt Ion: 75 Resp: 888051
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 144.145 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 75 Resp: 1026586
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 45.2 35.2 52.8

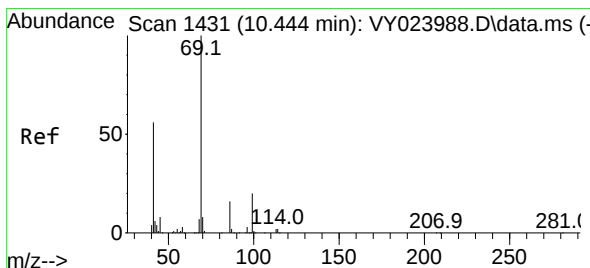
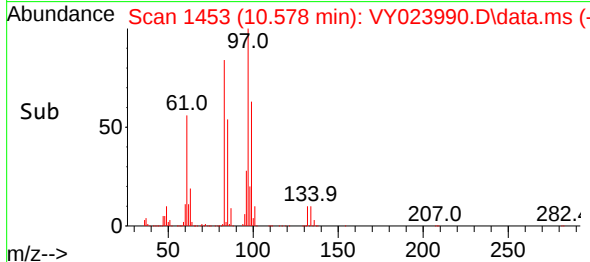
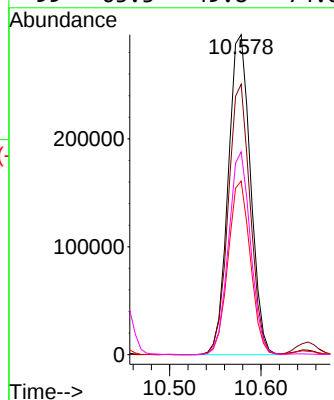
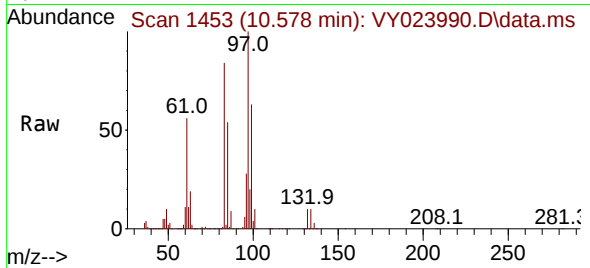




#55
1,1,2-Trichloroethane
Concen: 136.322 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

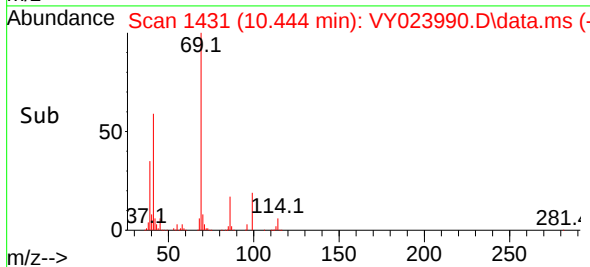
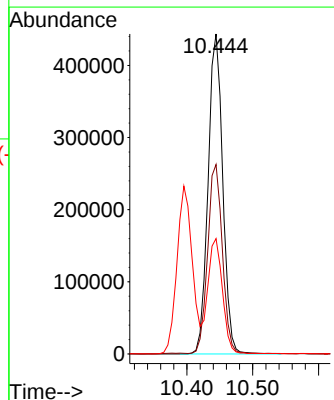
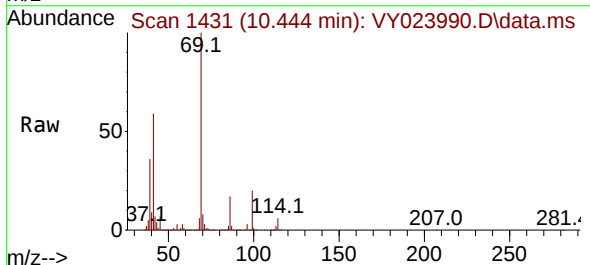
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

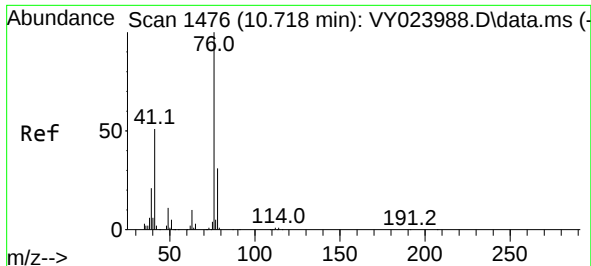
Tgt Ion:	97	Resp:	504755
Ion	Ratio	Lower	Upper
97	100		
83	84.5	64.5	96.7
85	54.2	42.0	63.0
99	63.3	49.8	74.8



#56
Ethyl methacrylate
Concen: 146.754 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion:	69	Resp:	688552
Ion	Ratio	Lower	Upper
69	100		
41	59.7	46.2	69.4
39	35.9	28.1	42.1





#57

1,3-Dichloropropane

Concen: 139.665 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

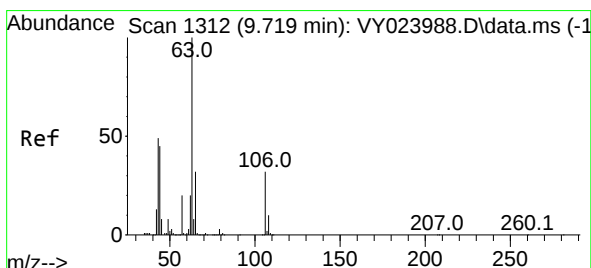
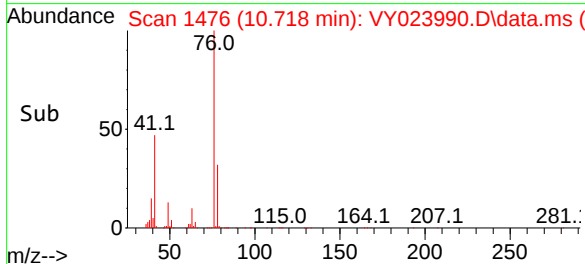
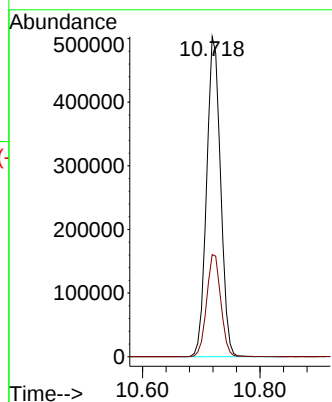
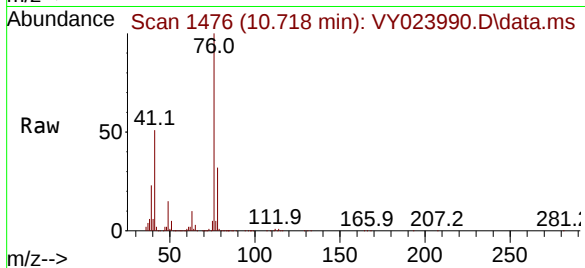
VSTDIC150

Tgt Ion: 76 Resp: 829100

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 745.877 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY023990.D

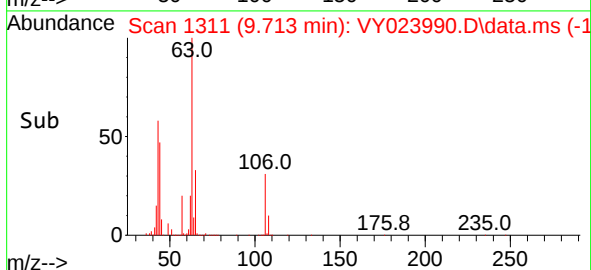
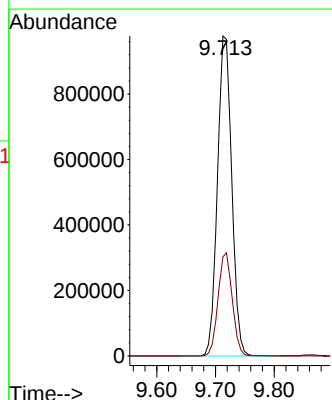
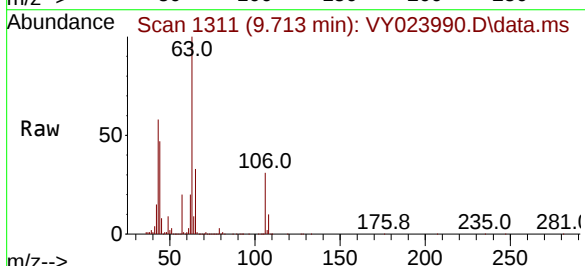
Acq: 16 Dec 2025 15:14

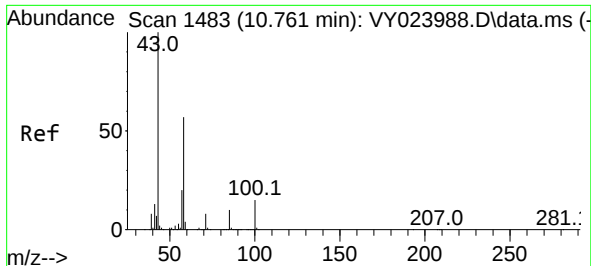
Tgt Ion: 63 Resp: 1649380

Ion Ratio Lower Upper

63 100

106 31.9 25.8 38.8

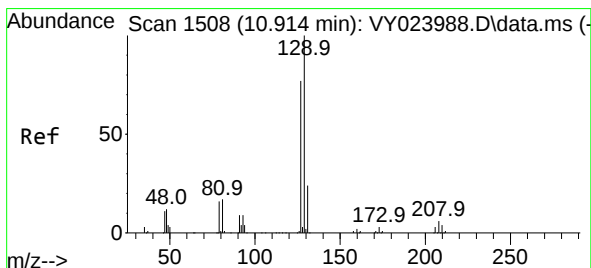
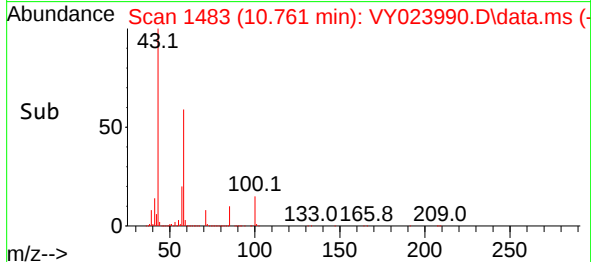
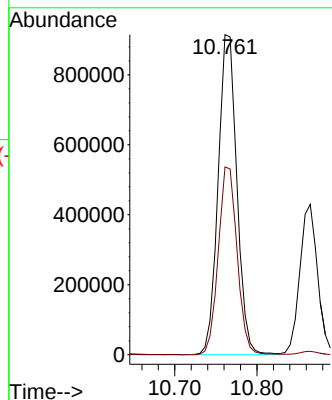
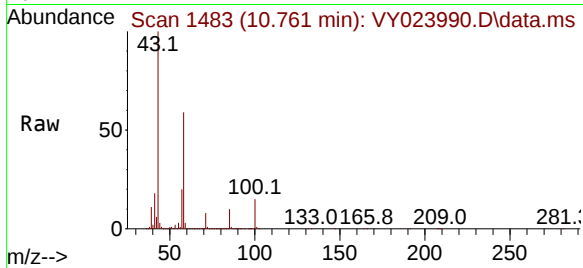




#59
2-Hexanone
Concen: 770.805 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

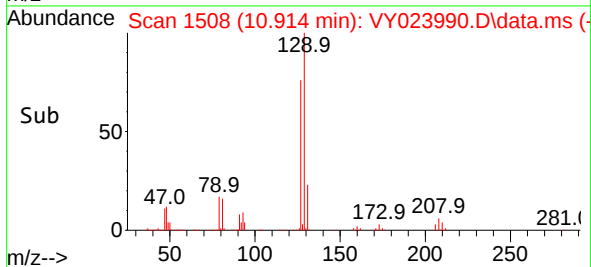
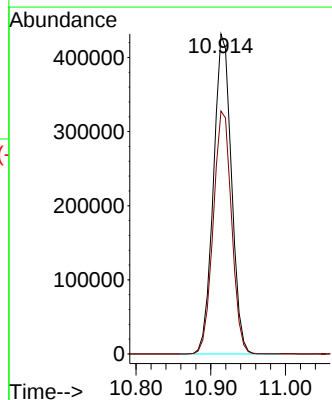
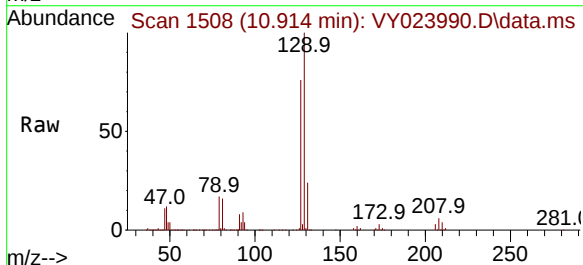
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

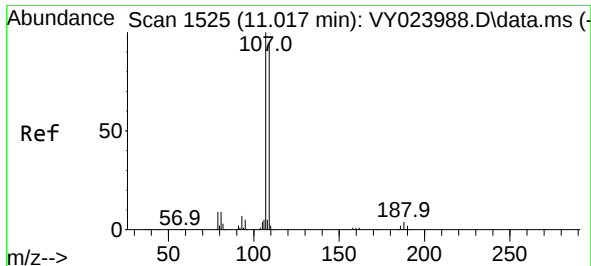
Tgt Ion: 43 Resp: 1449649
Ion Ratio Lower Upper
43 100
58 59.0 29.6 88.9



#60
Dibromochloromethane
Concen: 138.485 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 129 Resp: 721113
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 140.860 ug/l

RT: 11.017 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

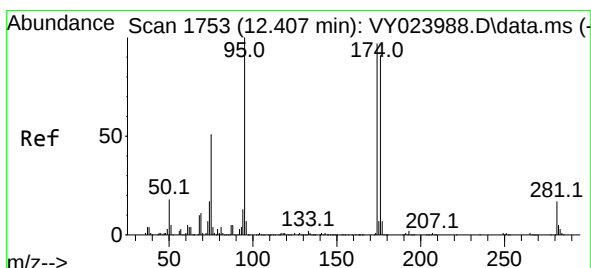
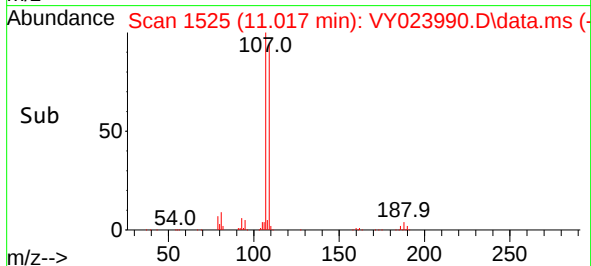
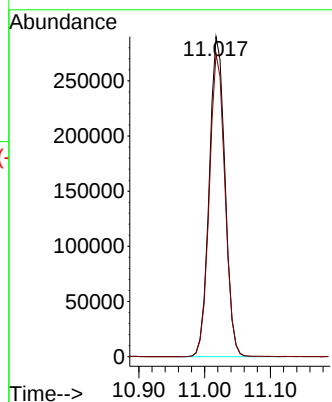
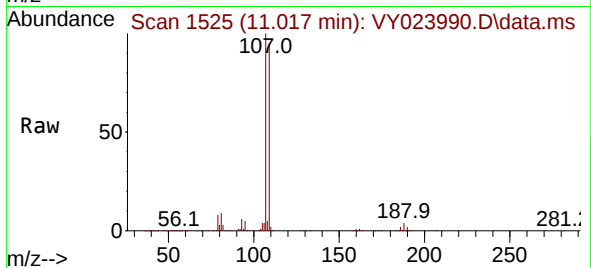
VSTDIC150

Tgt Ion:107 Resp: 482928

Ion Ratio Lower Upper

107 100

109 94.0 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 138.684 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

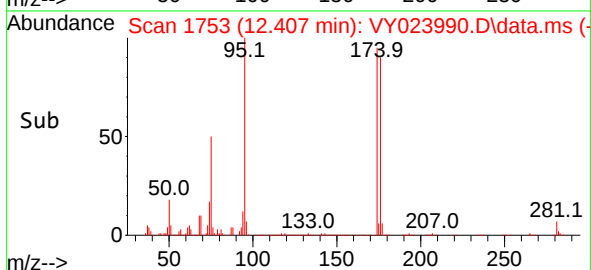
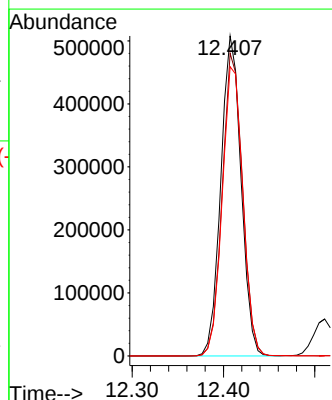
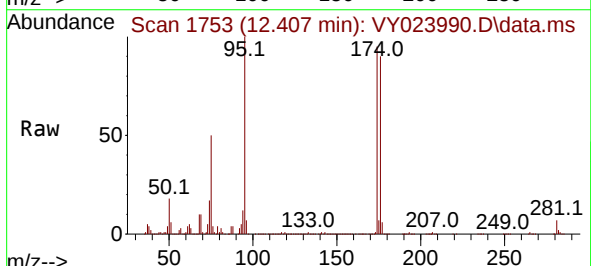
Tgt Ion: 95 Resp: 781312

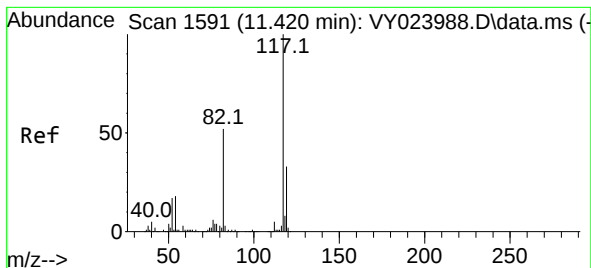
Ion Ratio Lower Upper

95 100

174 95.0 0.0 196.6

176 92.3 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

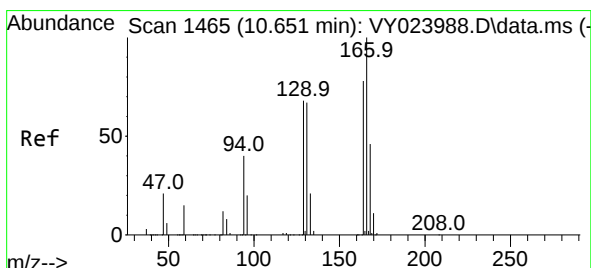
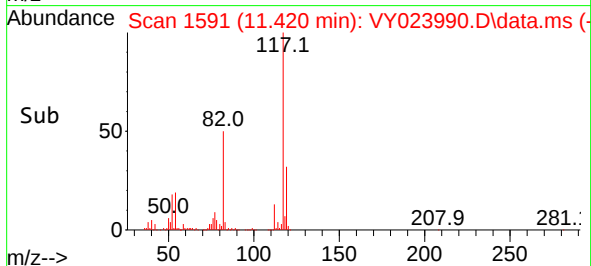
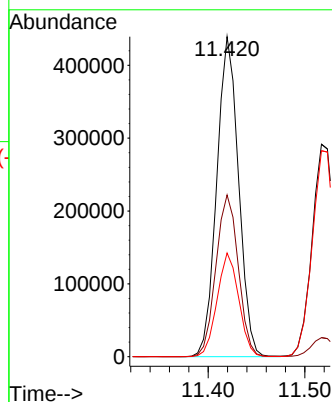
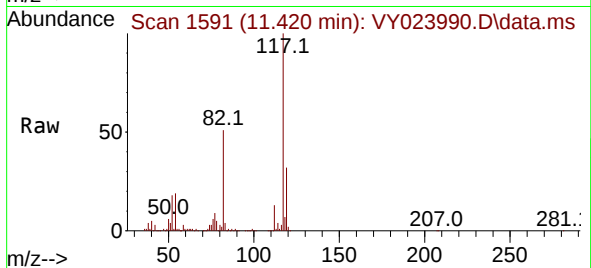
Tgt Ion:117 Resp: 688040

Ion Ratio Lower Upper

117 100

82 50.5 41.6 62.4

119 32.4 26.2 39.2



#64

Tetrachloroethene

Concen: 126.944 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Tgt Ion:164 Resp: 896158

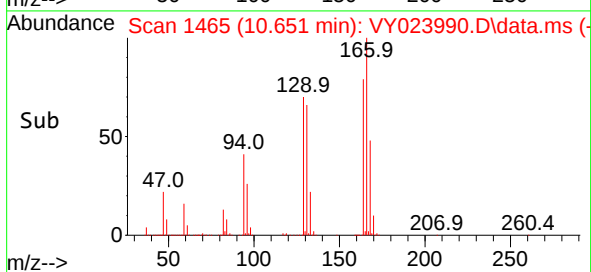
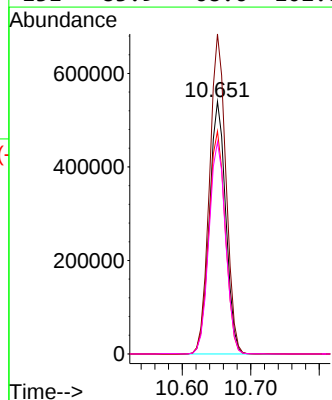
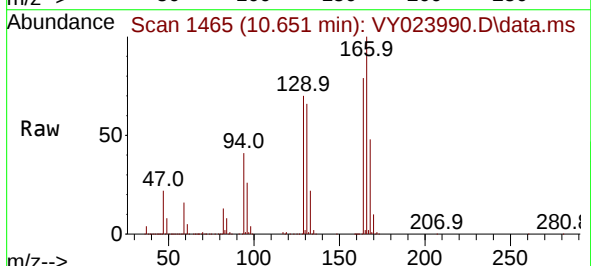
Ion Ratio Lower Upper

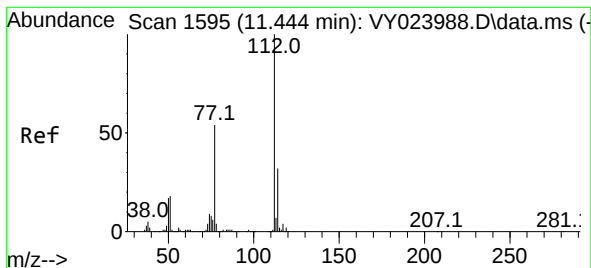
164 100

166 126.8 102.7 154.1

129 88.2 69.8 104.8

131 83.9 68.6 102.8





#65

Chlorobenzene

Concen: 135.212 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

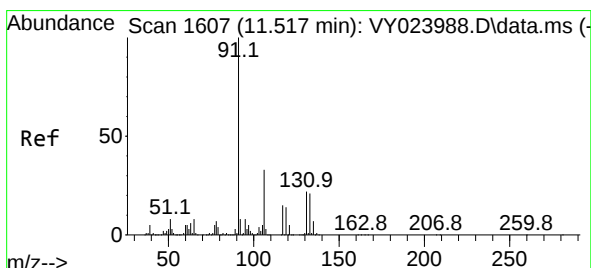
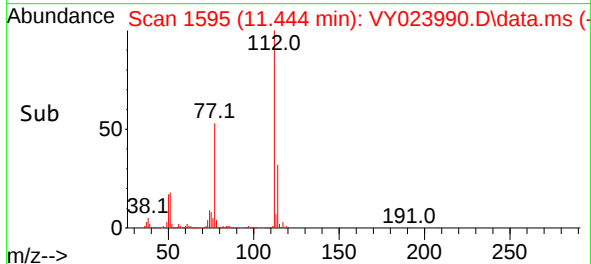
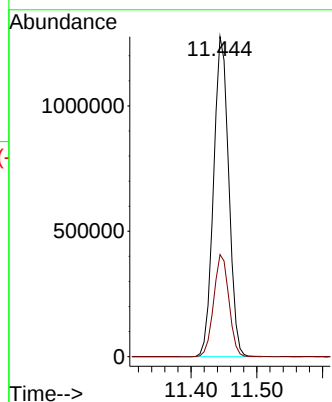
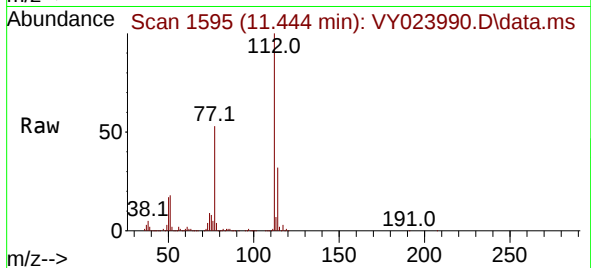
VSTDIC150

Tgt Ion:112 Resp: 2047347

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 134.839 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

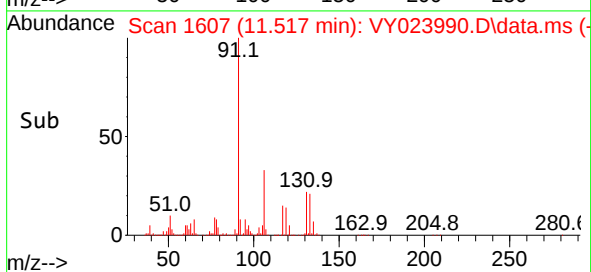
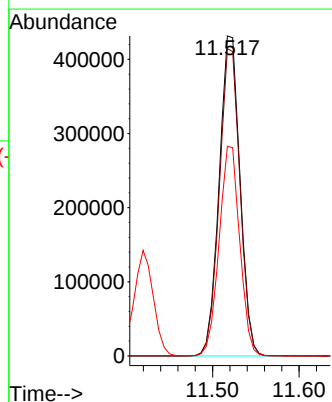
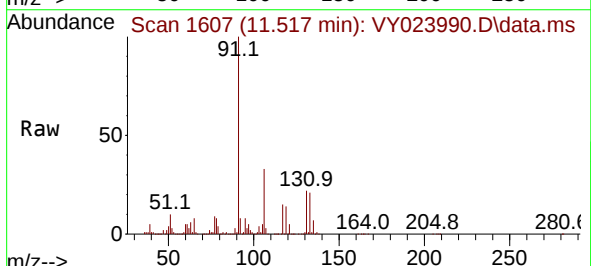
Tgt Ion:131 Resp: 720594

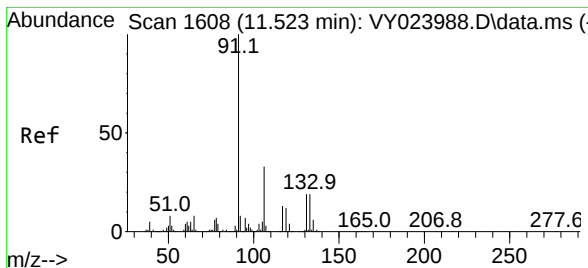
Ion Ratio Lower Upper

131 100

133 95.3 48.4 145.0

119 65.0 32.4 97.2

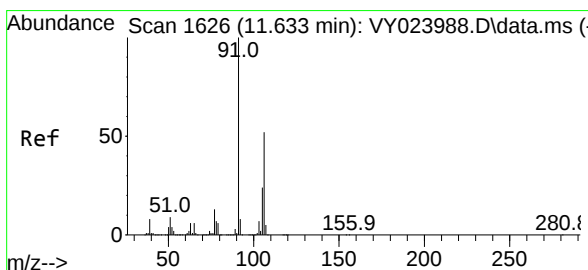
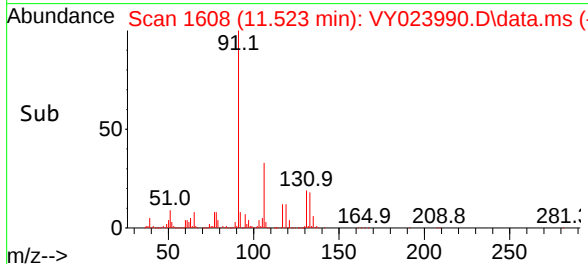
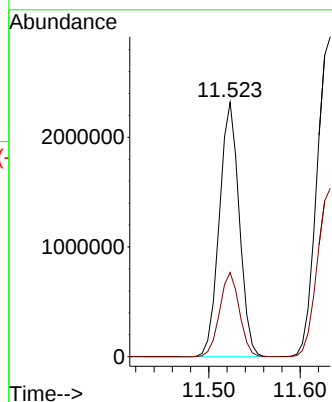
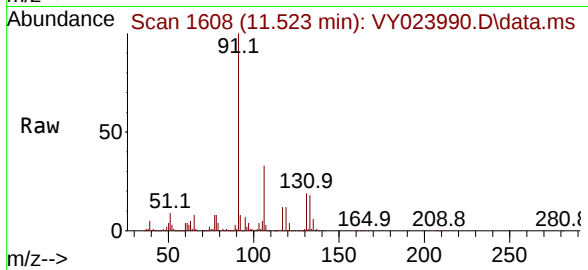




#67
Ethyl Benzene
Concen: 142.274 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

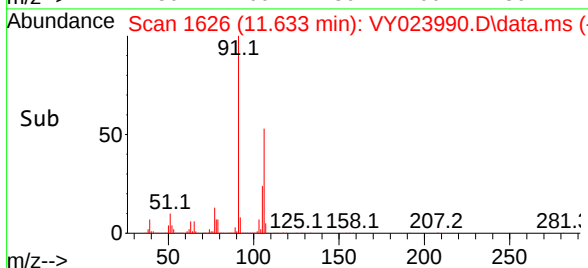
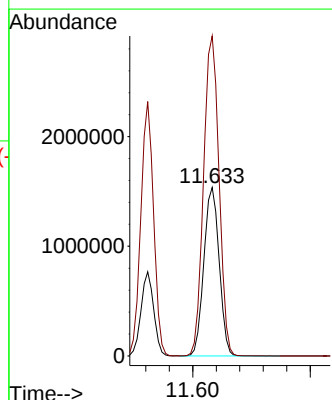
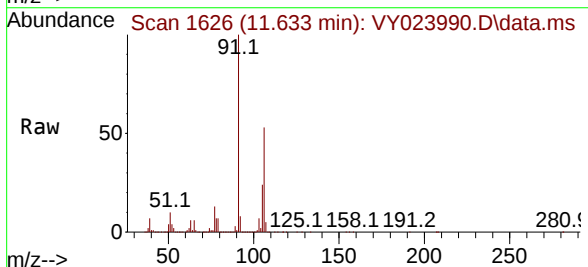
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

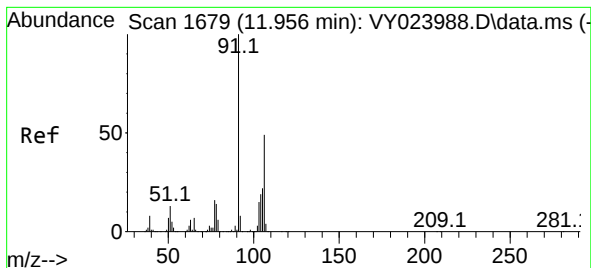
Tgt Ion: 91 Resp: 3504631
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.2



#68
m/p-Xylenes
Concen: 281.033 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion:106 Resp: 2780491
Ion Ratio Lower Upper
106 100
91 191.9 153.8 230.6

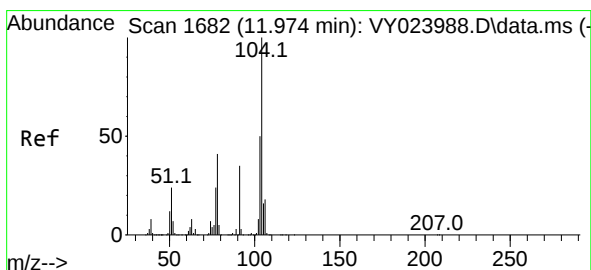
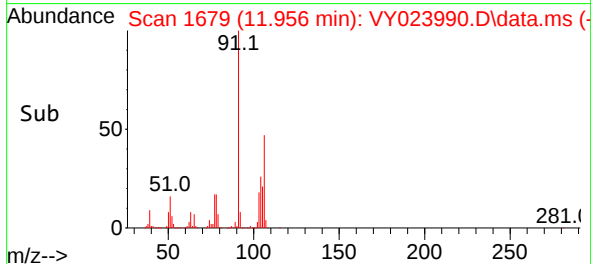
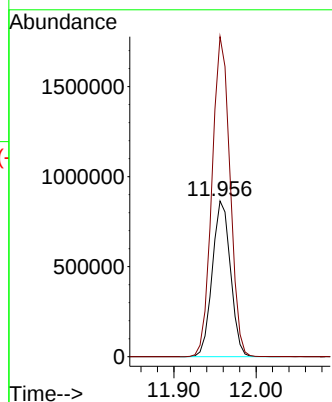
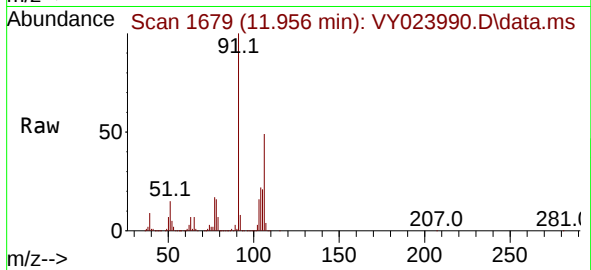




#69
o-Xylene
Concen: 143.863 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

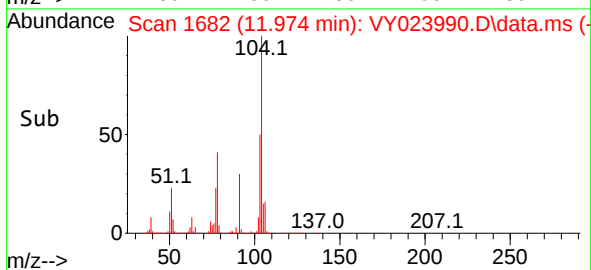
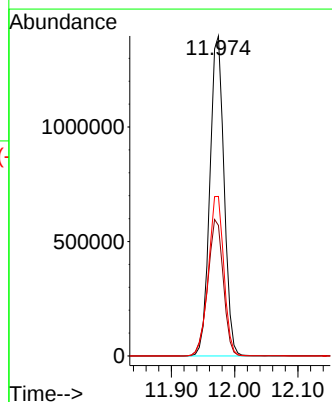
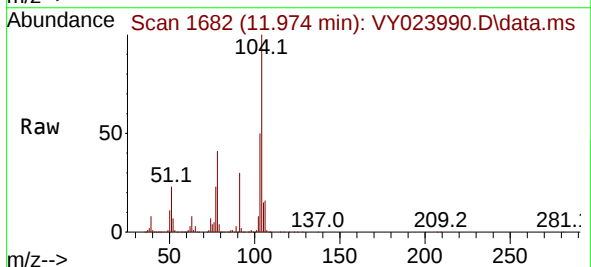
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

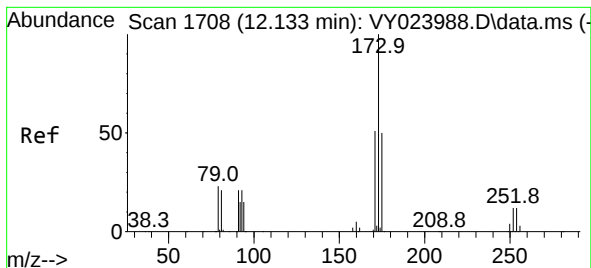
Tgt Ion:106 Resp: 1323903
Ion Ratio Lower Upper
106 100
91 204.1 101.4 304.3



#70
Styrene
Concen: 147.931 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion:104 Resp: 2185023
Ion Ratio Lower Upper
104 100
78 46.8 37.2 55.8
103 54.3 43.7 65.5





#71

Bromoform

Concen: 140.839 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

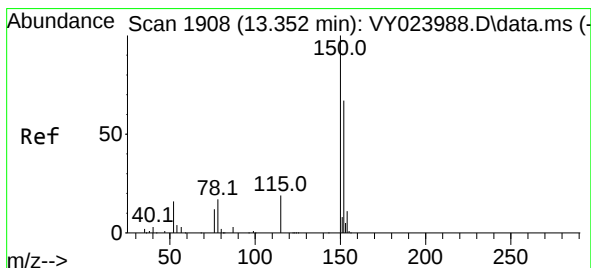
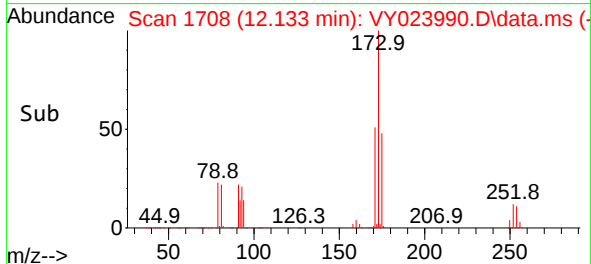
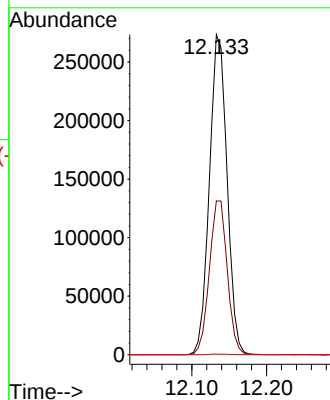
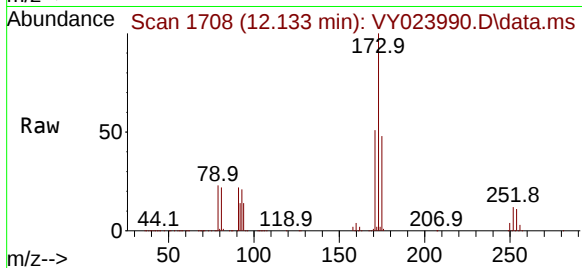
Tgt Ion:173 Resp: 449030

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.7

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

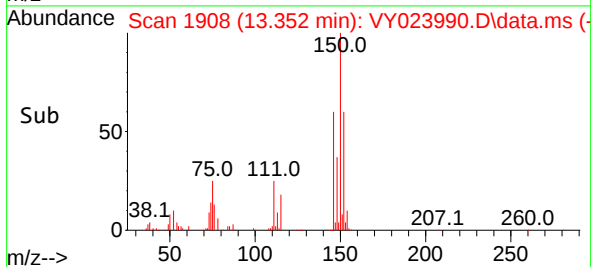
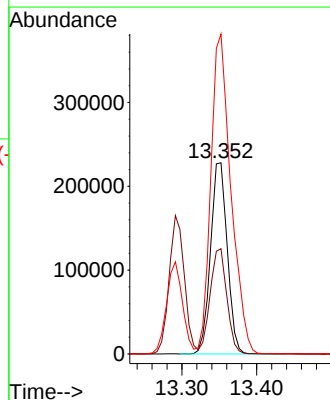
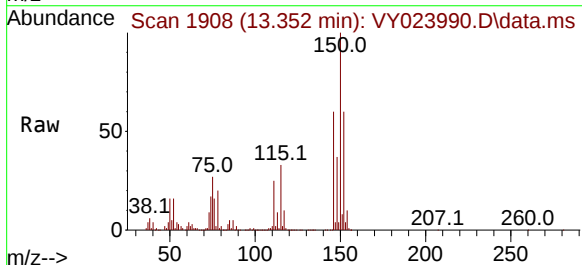
Tgt Ion:152 Resp: 354478

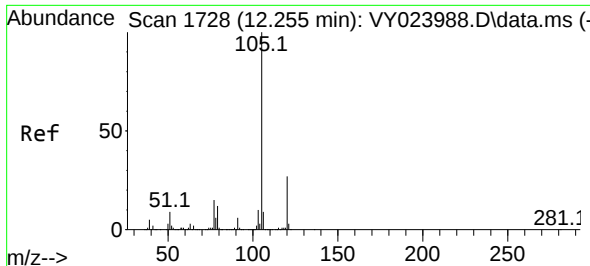
Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.5

150 201.4 0.0 349.6

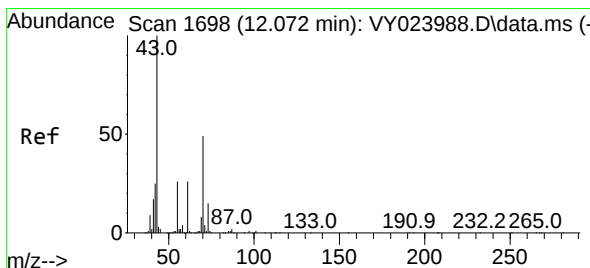
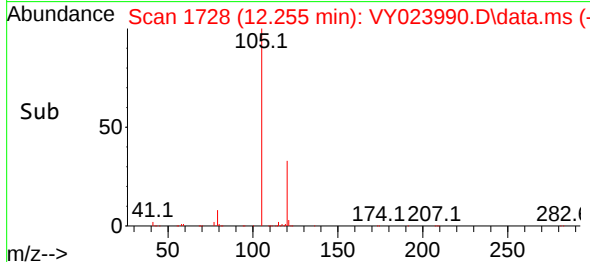
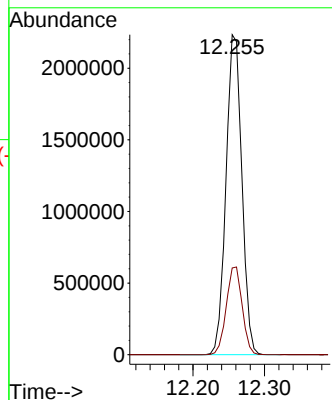
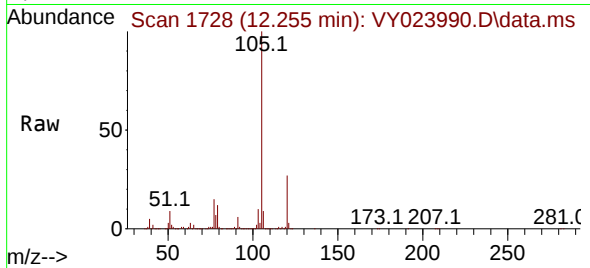




#73
Isopropylbenzene
Concen: 140.838 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

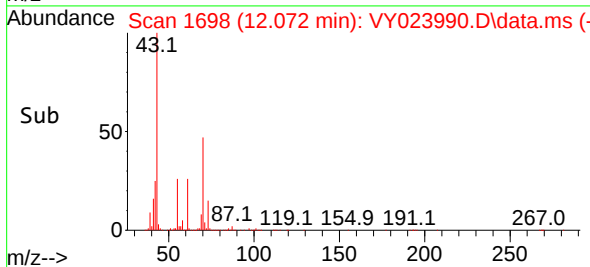
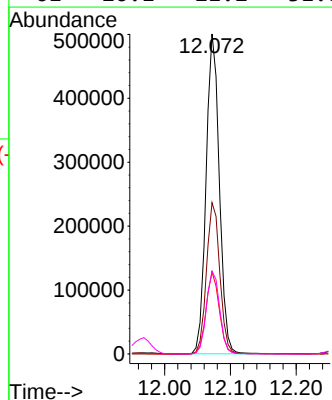
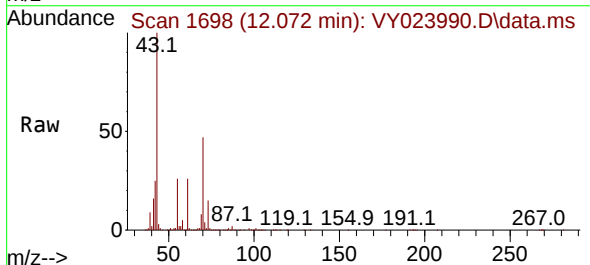
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

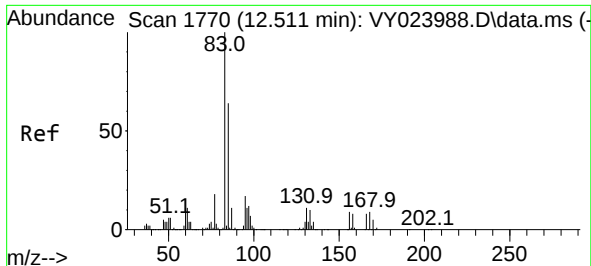
Tgt Ion:105 Resp: 3438885
Ion Ratio Lower Upper
105 100
120 27.4 13.8 41.4



#74
N-ethyl acetate
Concen: 143.819 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 43 Resp: 701085
Ion Ratio Lower Upper
43 100
70 47.6 39.3 58.9
55 25.8 22.5 33.7
61 26.1 21.2 31.8

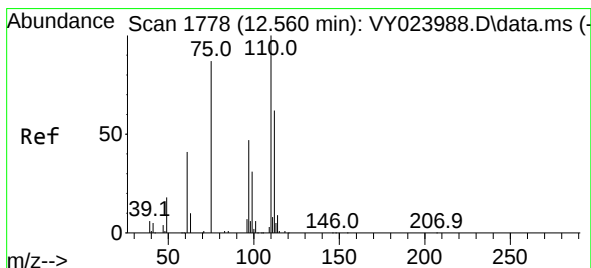
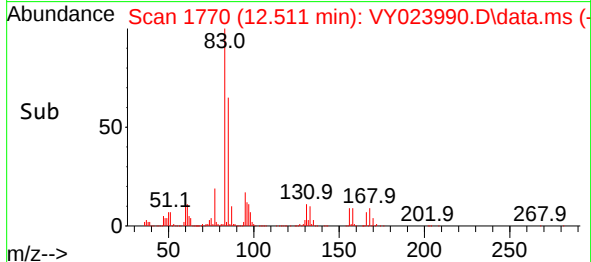
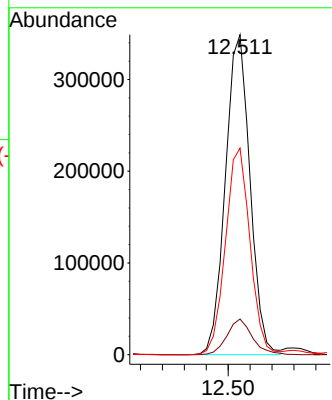
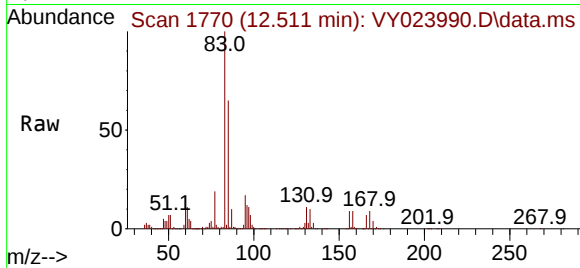




#75
1,1,2,2-Tetrachloroethane
Concen: 147.042 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

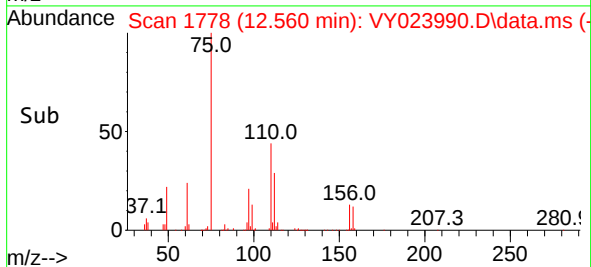
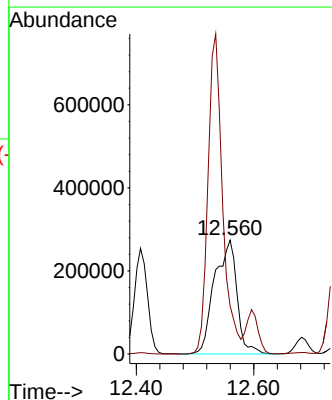
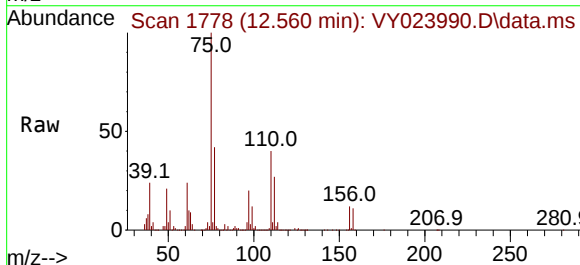
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

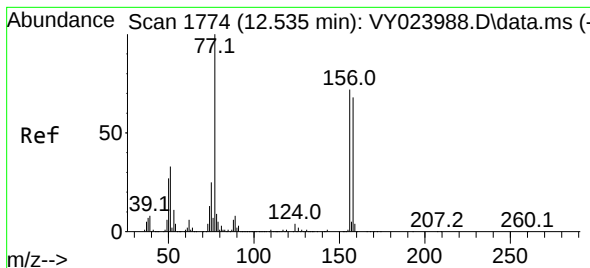
Tgt Ion: 83 Resp: 543968
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.7
85 64.4 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 231.859 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 75 Resp: 727691
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 135.842 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

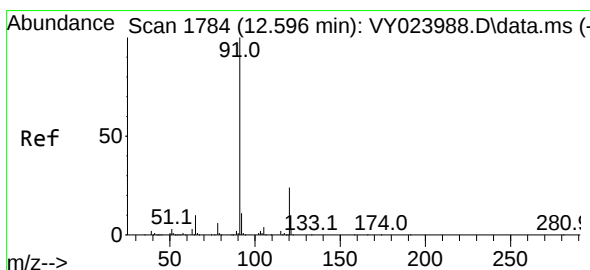
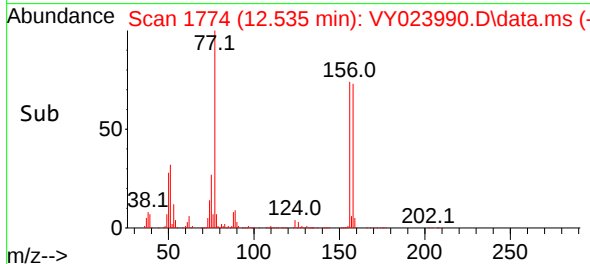
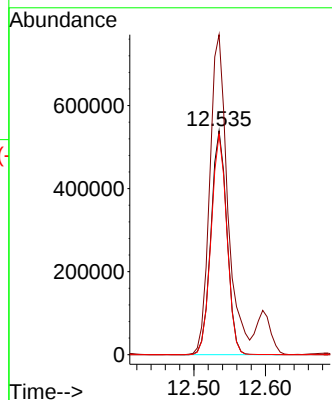
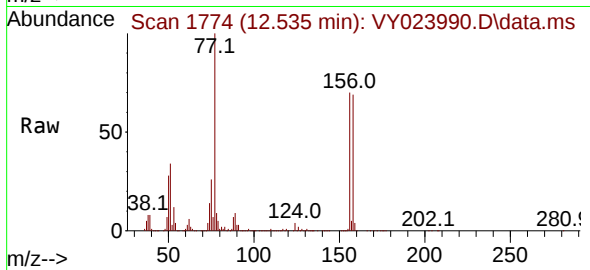
Tgt Ion:156 Resp: 833723

Ion Ratio Lower Upper

156 100

77 160.2 76.6 230.0

158 97.5 48.0 144.2



#78

n-propylbenzene

Concen: 140.999 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023990.D

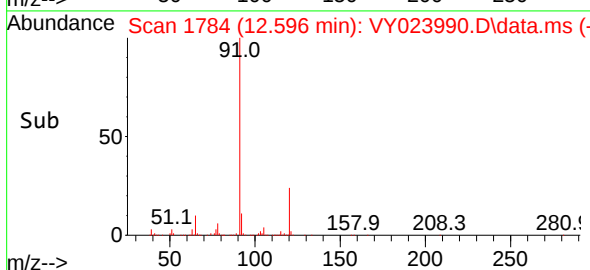
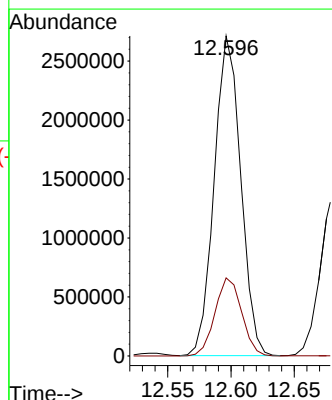
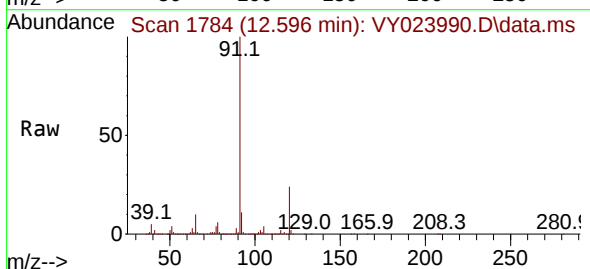
Acq: 16 Dec 2025 15:14

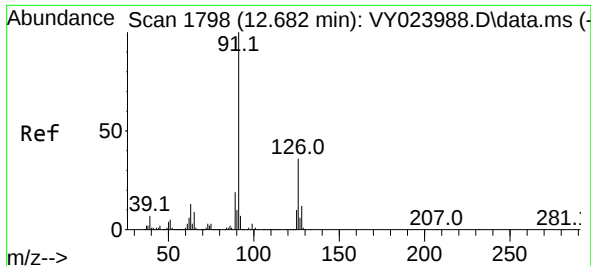
Tgt Ion: 91 Resp: 3945697

Ion Ratio Lower Upper

91 100

120 24.5 12.3 36.8

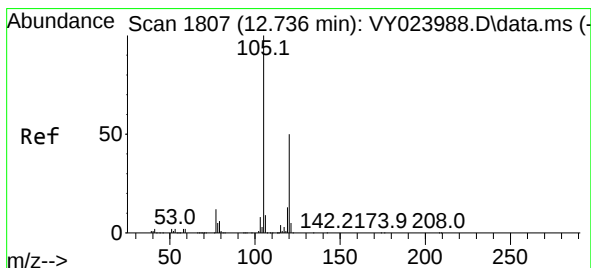
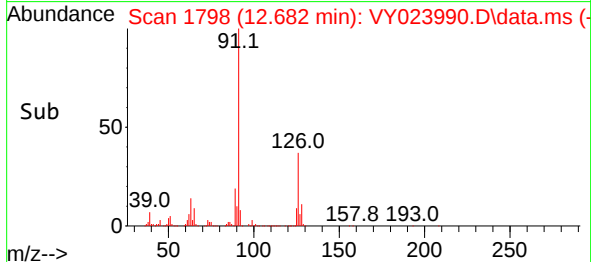
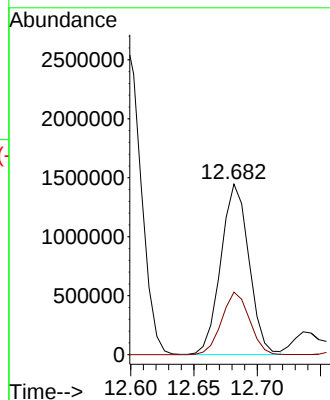
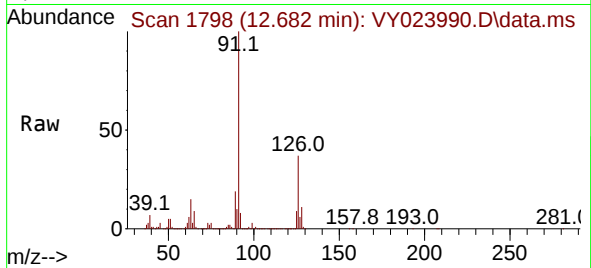




#79
2-Chlorotoluene
Concen: 139.423 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

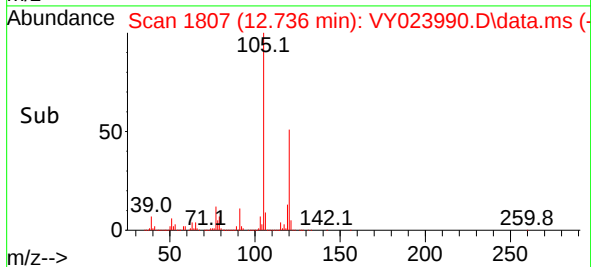
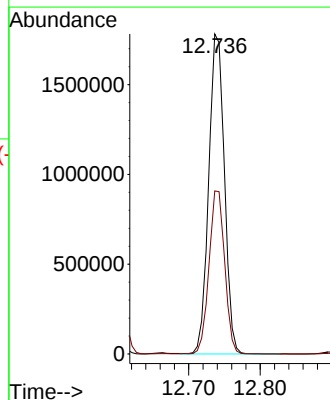
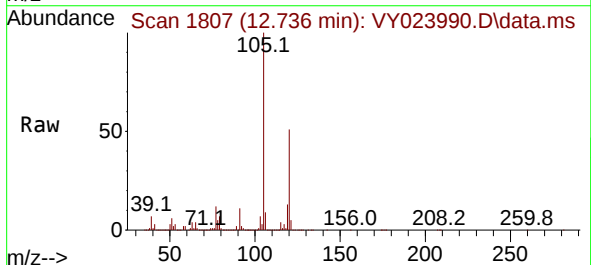
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

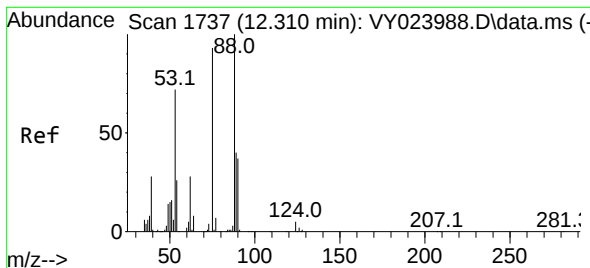
Tgt Ion: 91 Resp: 2233501
Ion Ratio Lower Upper
91 100
126 36.3 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 141.506 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 105 Resp: 2716847
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.6

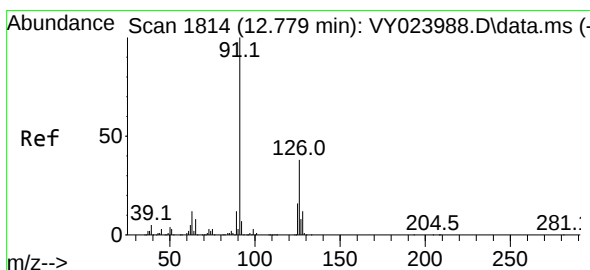
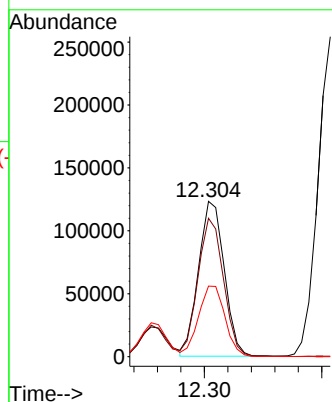
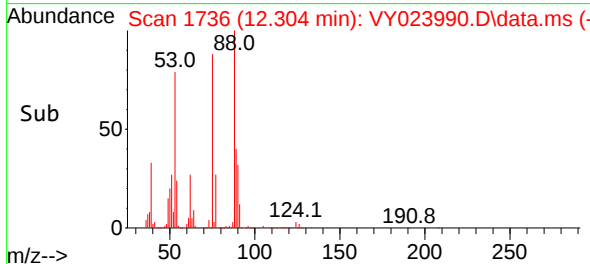
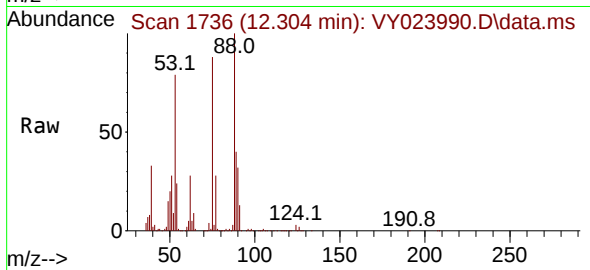




#81
trans-1,4-Dichloro-2-butene
Concen: 152.947 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

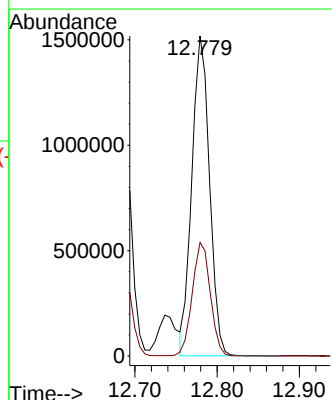
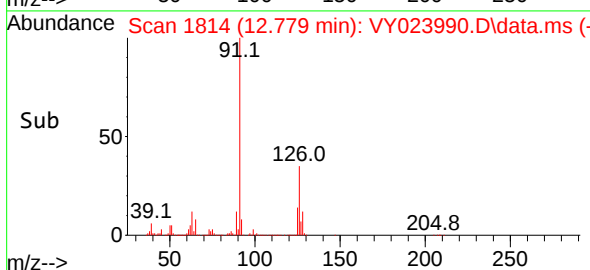
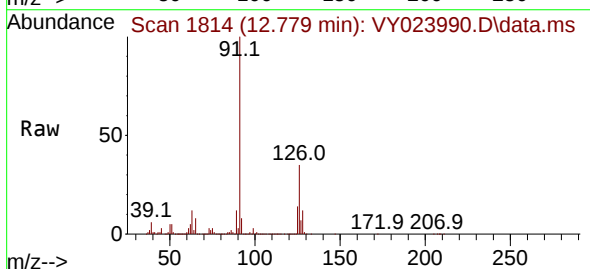
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

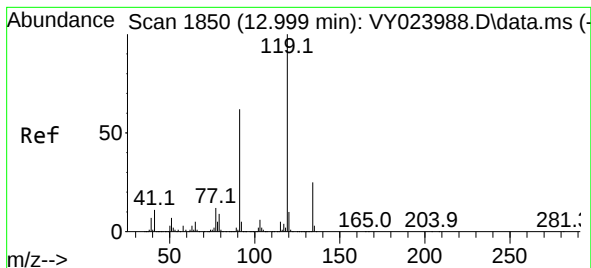
Tgt Ion: 75 Resp: 187570
Ion Ratio Lower Upper
75 100
53 88.8 69.9 104.9
89 46.9 38.6 57.8



#82
4-Chlorotoluene
Concen: 137.652 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023990.D
Acq: 16 Dec 2025 15:14

Tgt Ion: 91 Resp: 2264059
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5





#83

tert-Butylbenzene

Concen: 140.263 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

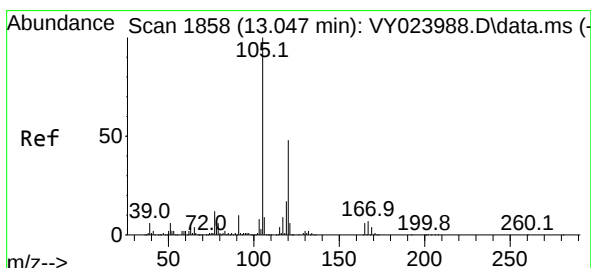
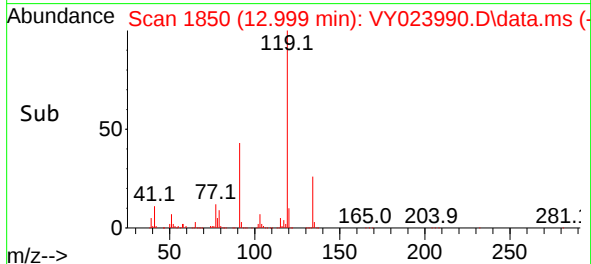
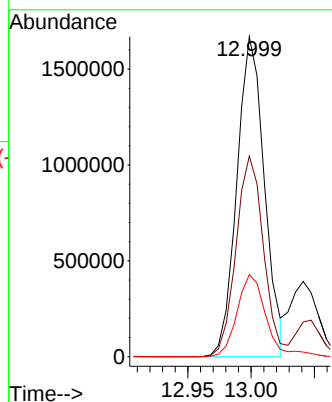
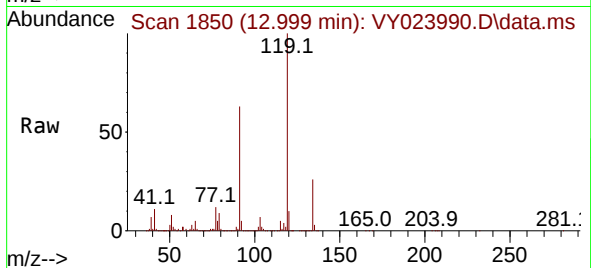
Tgt Ion:119 Resp: 2527875

Ion Ratio Lower Upper

119 100

91 62.8 29.8 89.4

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 141.864 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY023990.D

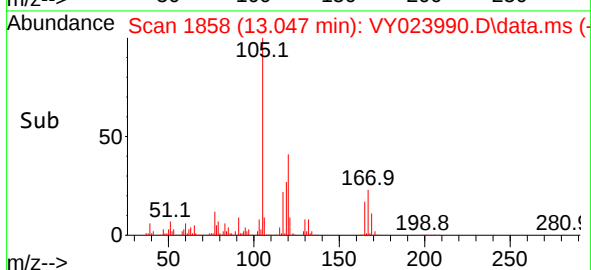
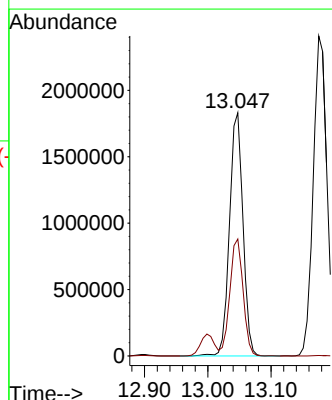
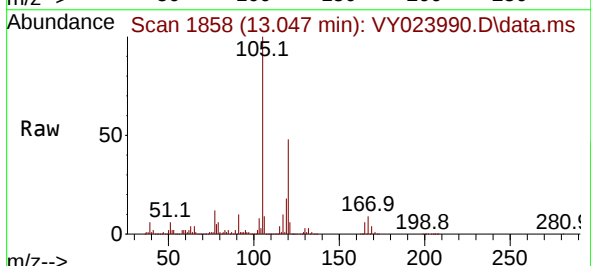
Acq: 16 Dec 2025 15:14

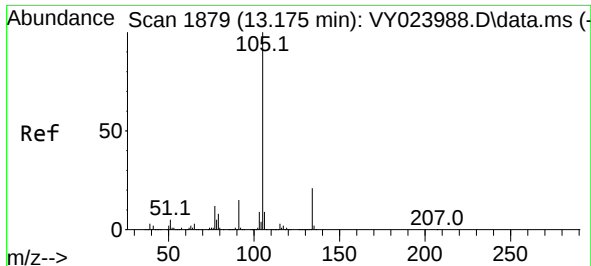
Tgt Ion:105 Resp: 2692984

Ion Ratio Lower Upper

105 100

120 47.5 23.5 70.5

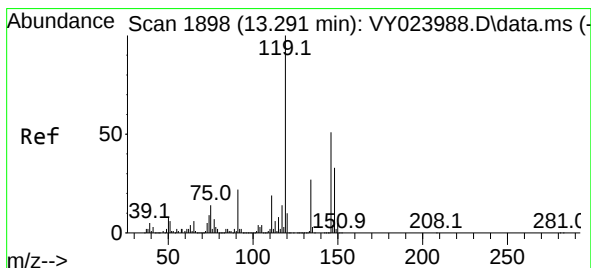
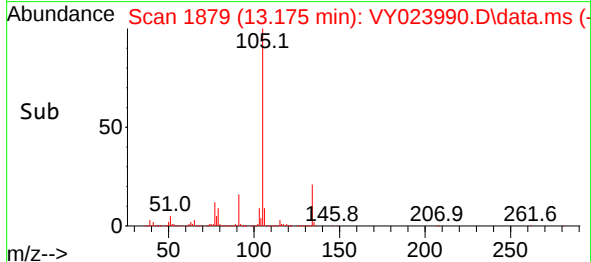
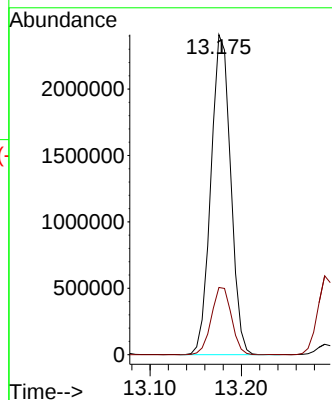
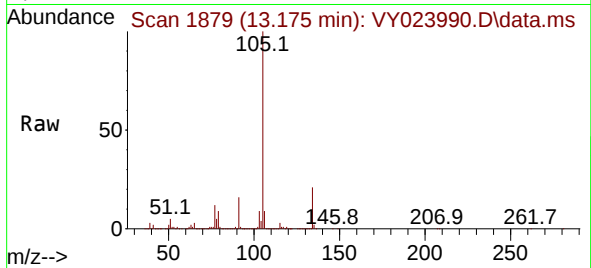




#85
 sec-Butylbenzene
 Concen: 138.812 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

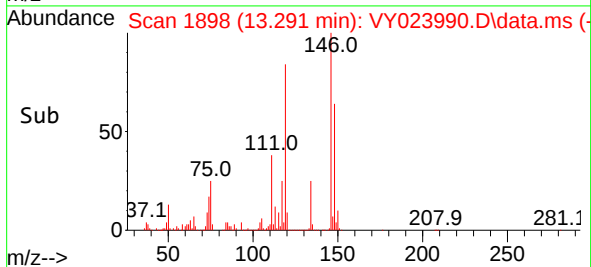
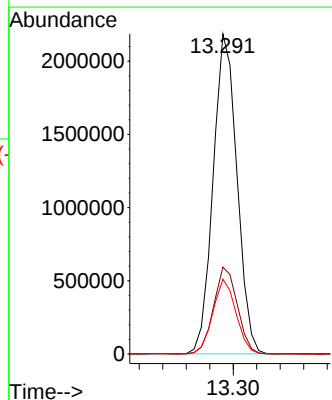
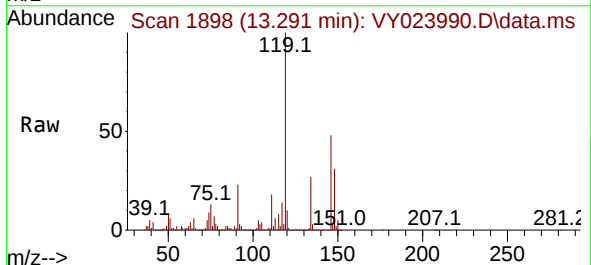
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

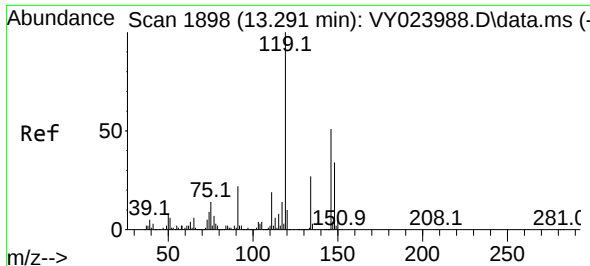
Tgt Ion:105 Resp: 3611254
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 140.943 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

Tgt Ion:119 Resp: 3080480
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.7 41.0
 91 22.7 10.9 32.9

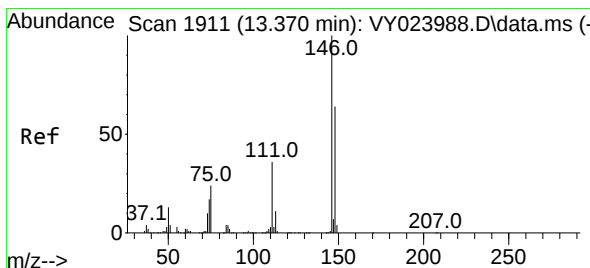
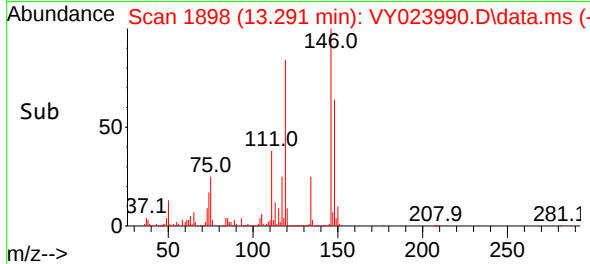
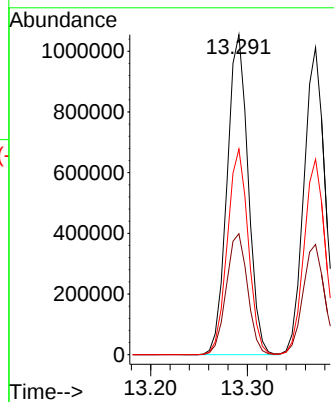
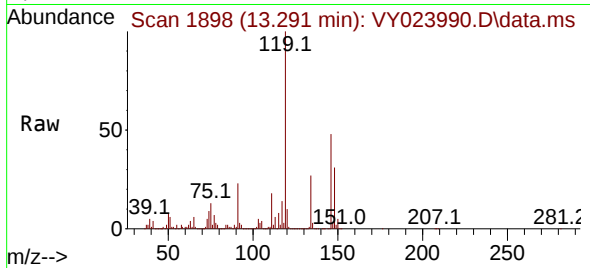




#87
 1,3-Dichlorobenzene
 Concen: 134.999 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

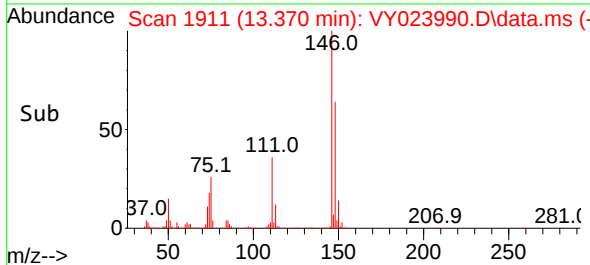
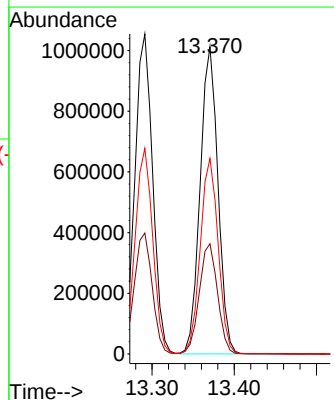
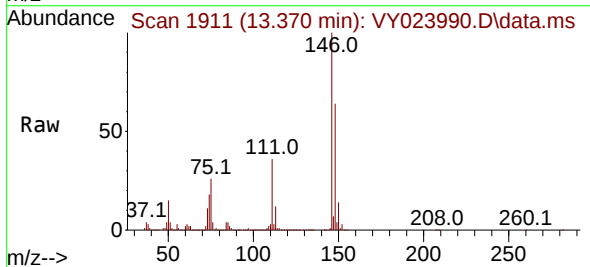
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

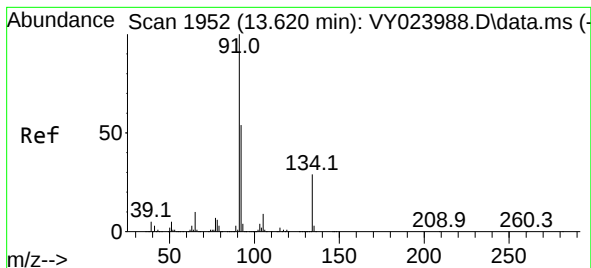
Tgt Ion:146 Resp: 1594211
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 131.597 ug/l
 RT: 13.370 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

Tgt Ion:146 Resp: 1525182
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.9 53.8
 148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 143.464 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

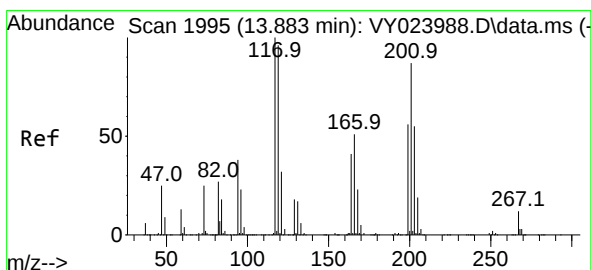
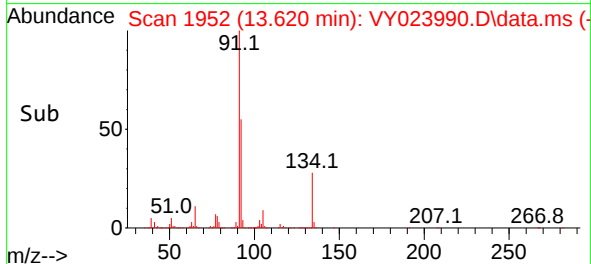
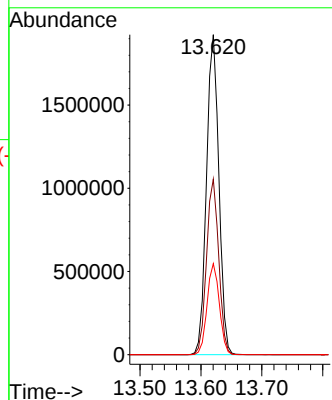
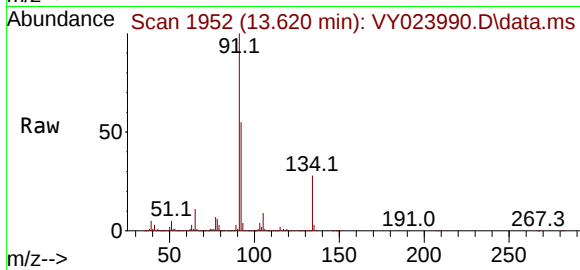
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2708883

Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.7	80.1
134	28.3	14.2	42.6



#90

Hexachloroethane

Concen: 134.306 ug/l

RT: 13.883 min Scan# 1995

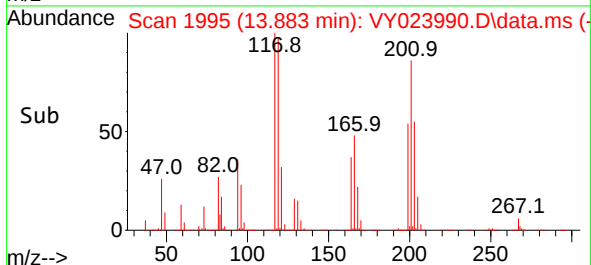
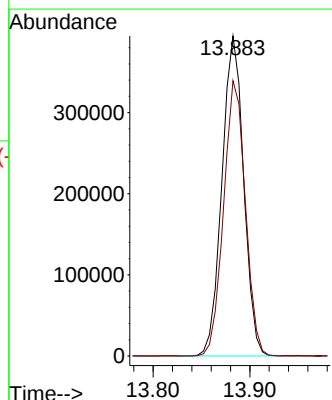
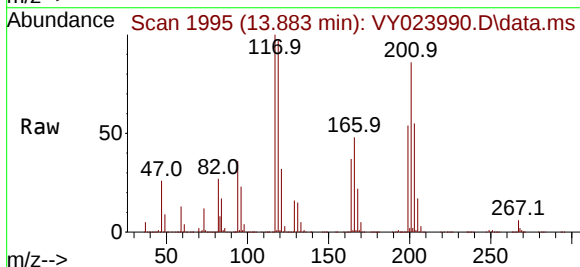
Delta R.T. -0.000 min

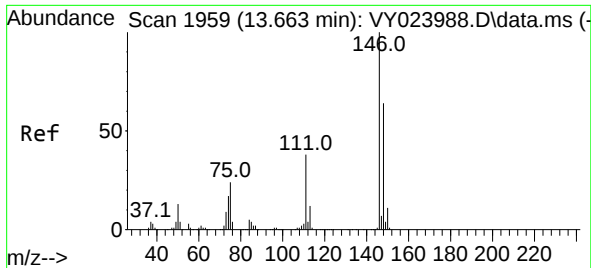
Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Tgt Ion: 117 Resp: 612850

Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.5	130.7

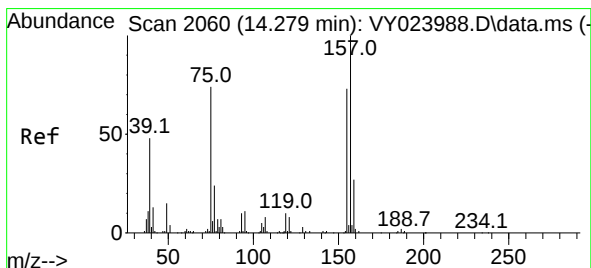
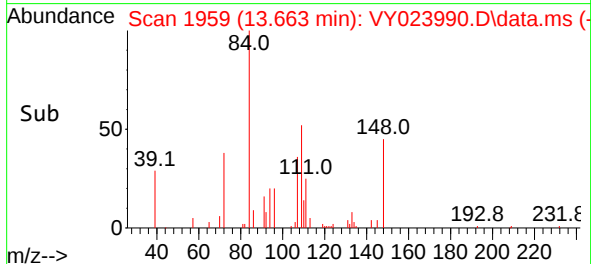
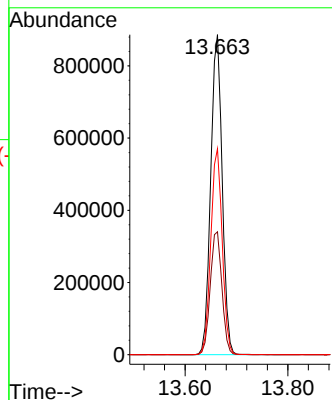
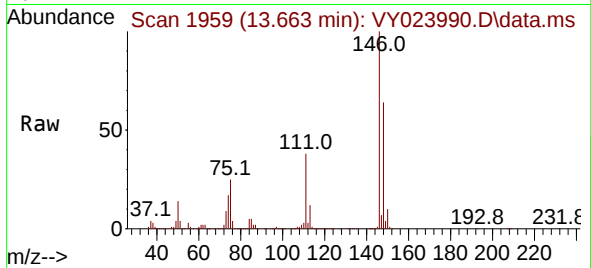




#91
 1,2-Dichlorobenzene
 Concen: 134.536 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

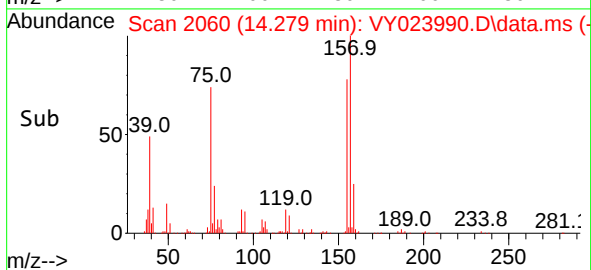
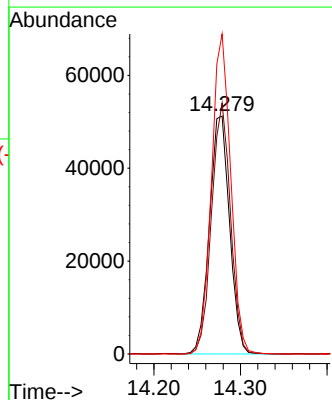
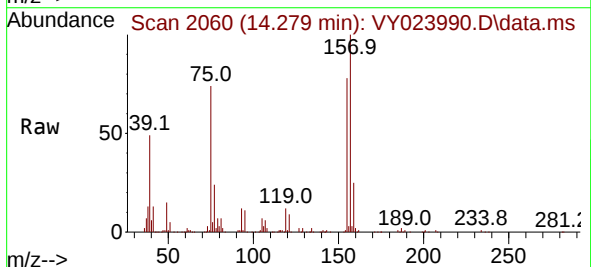
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

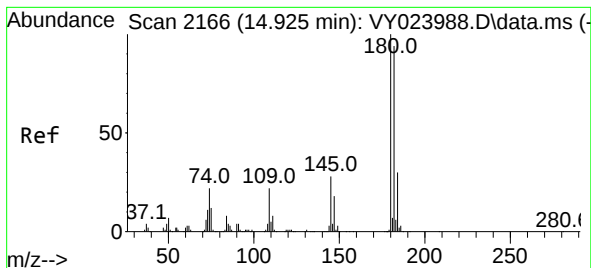
Tgt Ion:146 Resp: 1370352
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.4
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.576 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: VY023990.D
 Acq: 16 Dec 2025 15:14

Tgt Ion: 75 Resp: 82798
 Ion Ratio Lower Upper
 75 100
 155 99.1 49.3 147.8
 157 128.2 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 146.987 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

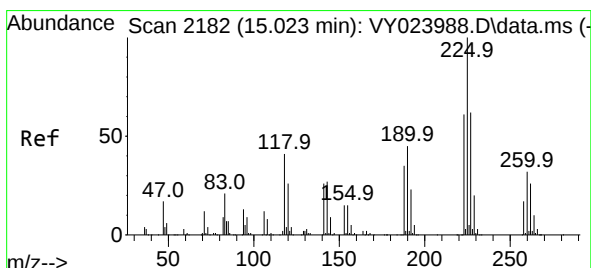
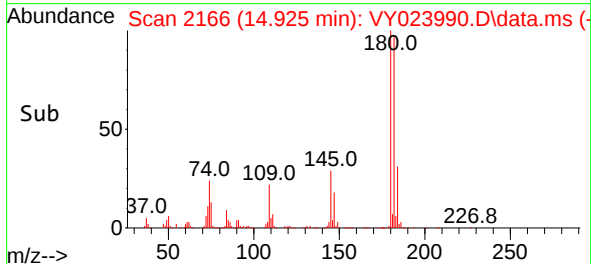
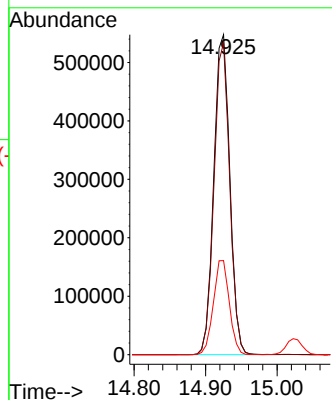
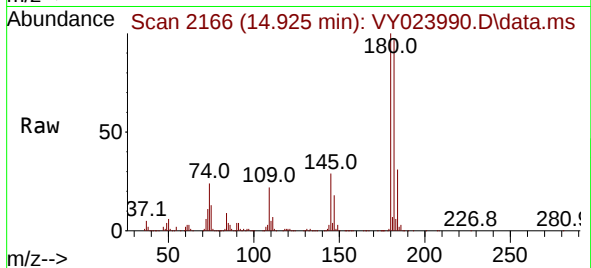
Tgt Ion:180 Resp: 851690

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 29.4 14.4 43.4



#94

Hexachlorobutadiene

Concen: 128.663 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

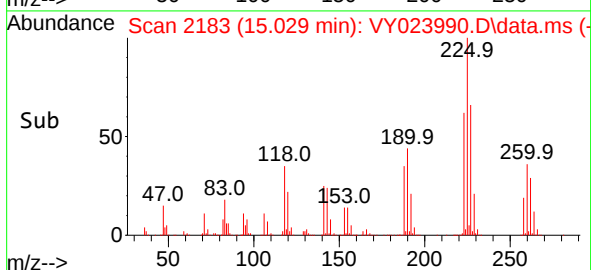
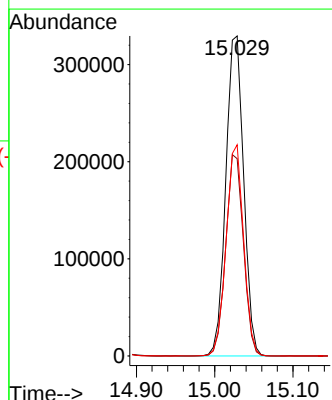
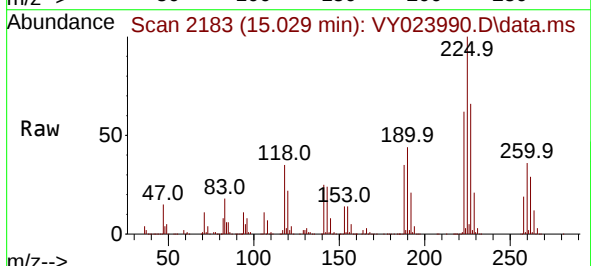
Tgt Ion:225 Resp: 521928

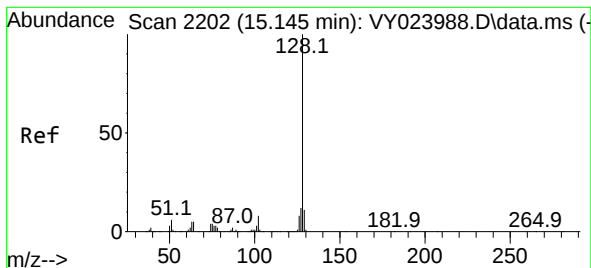
Ion Ratio Lower Upper

225 100

223 62.1 30.9 92.5

227 64.6 32.1 96.3





#95

Naphthalene

Concen: 145.282 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Instrument :

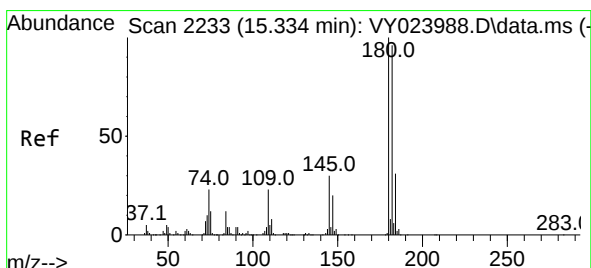
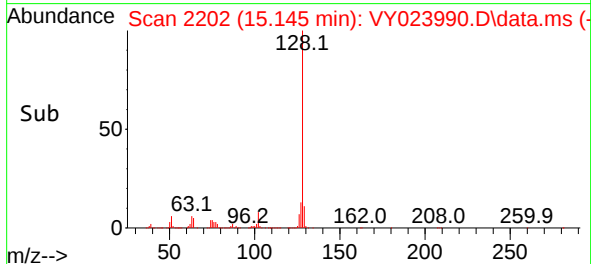
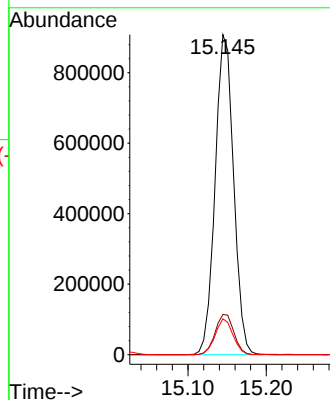
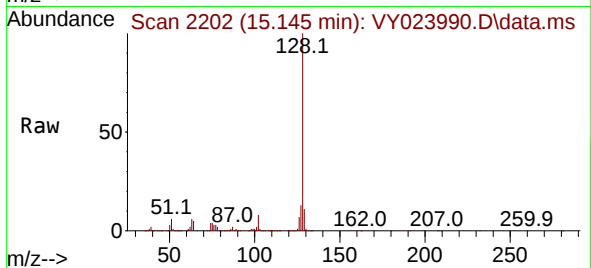
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 1489506

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 149.583 ug/l

RT: 15.333 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY023990.D

Acq: 16 Dec 2025 15:14

Tgt Ion:180 Resp: 727357

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	31.3	15.6	46.7

