

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023135.D
 Acq On : 15 Aug 2025 19:06
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 02:33:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	430308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	718703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	640791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	327055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209678	51.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.260%	
35) Dibromofluoromethane	7.628	113	208578	48.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.000%	
50) Toluene-d8	10.103	98	835617	49.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.402	95	266231	49.275	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	121628	34.628	ug/l	99
3) Chloromethane	2.068	50	257975	45.346	ug/l	97
4) Vinyl Chloride	2.202	62	345536	49.135	ug/l	99
5) Bromomethane	2.592	94	270785	51.559	ug/l	100
6) Chloroethane	2.733	64	241433	51.640	ug/l	99
7) Trichlorofluoromethane	3.050	101	396172	46.330	ug/l	97
8) Diethyl Ether	3.452	74	102249	45.197	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	180286	42.736	ug/l	99
10) Methyl Iodide	4.001	142	223871	49.178	ug/l	98
11) Tert butyl alcohol	4.854	59	58084	206.701	ug/l	98
12) 1,1-Dichloroethene	3.781	96	187457	45.207	ug/l	96
13) Acrolein	3.653	56	58421	141.959	ug/l	98
14) Allyl chloride	4.379	41	274900	45.054	ug/l	98
15) Acrylonitrile	5.055	53	207991	226.140	ug/l	99
16) Acetone	3.866	43	150363	169.235	ug/l	99
17) Carbon Disulfide	4.098	76	597944	44.225	ug/l	99
18) Methyl Acetate	4.385	43	154996	58.622	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	498217	46.367	ug/l	100
20) Methylene Chloride	4.610	84	221392	47.835	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	223573	47.978	ug/l	95
22) Diisopropyl ether	6.019	45	632885	47.734	ug/l	98
23) Vinyl Acetate	5.958	43	1530852	208.809	ug/l	100
24) 1,1-Dichloroethane	5.909	63	385922	47.608	ug/l	99
25) 2-Butanone	6.890	43	242030	200.293	ug/l	97
26) 2,2-Dichloropropane	6.884	77	296658	42.412	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	260875	48.425	ug/l	98
28) Bromochloromethane	7.244	49	159803	49.690	ug/l	99
29) Tetrahydrofuran	7.262	42	164833	220.064	ug/l	99
30) Chloroform	7.421	83	409239	48.951	ug/l	96
31) Cyclohexane	7.701	56	317051	41.505	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	353516	47.657	ug/l	98
36) 1,1-Dichloropropene	7.829	75	286083	44.762	ug/l	99
37) Ethyl Acetate	6.982	43	113967	42.450	ug/l	99
38) Carbon Tetrachloride	7.817	117	313598	45.177	ug/l	97
39) Methylcyclohexane	9.109	83	357877	42.522	ug/l	96
40) Benzene	8.073	78	916243	46.514	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	64946	41.916	ug/l	96
42) 1,2-Dichloroethane	8.152	62	234175	45.709	ug/l	98
43) Isopropyl Acetate	8.195	43	235882	43.470	ug/l	100
44) Trichloroethene	8.860	130	241977	47.535	ug/l	97
45) 1,2-Dichloropropane	9.140	63	211470	46.657	ug/l	100
46) Dibromomethane	9.225	93	119663	45.999	ug/l	98
47) Bromodichloromethane	9.420	83	310859	46.439	ug/l	98
48) Methyl methacrylate	9.219	41	117614	45.295	ug/l	98
49) 1,4-Dioxane	9.225	88	27514	902.014	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	615423	219.870	ug/l	100
52) Toluene	10.164	92	591580	47.285	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	274370	45.264	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	325037	45.347	ug/l	100
55) 1,1,2-Trichloroethane	10.567	97	157893	45.358	ug/l	97
56) Ethyl methacrylate	10.438	69	201789	45.302	ug/l	98
57) 1,3-Dichloropropane	10.713	76	269094	45.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	520841	247.890	ug/l	99
59) 2-Hexanone	10.756	43	403176	211.536	ug/l	100
60) Dibromochloromethane	10.908	129	211553	46.058	ug/l	100
61) 1,2-Dibromoethane	11.012	107	148382	45.352	ug/l	99
64) Tetrachloroethene	10.646	164	297964	52.075	ug/l	98
65) Chlorobenzene	11.438	112	640496	46.339	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	219895	46.876	ug/l	99
67) Ethyl Benzene	11.511	91	1124279	47.266	ug/l	99
68) m/p-Xylenes	11.621	106	878925	94.610	ug/l	99
69) o-Xylene	11.950	106	412282	47.384	ug/l	98
70) Styrene	11.963	104	693511	48.738	ug/l	100
71) Bromoform	12.127	173	117595	42.892	ug/l	98
73) Isopropylbenzene	12.249	105	1067182	46.232	ug/l	100
74) N-amyl acetate	12.066	43	201534	41.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	150140	38.093	ug/l	98
76) 1,2,3-Trichloropropane	12.548	75	221151	70.064	ug/l #	100
77) Bromobenzene	12.523	156	242744	44.080	ug/l	98
78) n-propylbenzene	12.591	91	1280468	46.593	ug/l	100
79) 2-Chlorotoluene	12.676	91	728787	46.284	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	870525	46.663	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	51688	39.640	ug/l	98
82) 4-Chlorotoluene	12.773	91	754599	46.196	ug/l	100
83) tert-Butylbenzene	12.993	119	778117	46.181	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	879311	47.349	ug/l	100
85) sec-Butylbenzene	13.170	105	1156161	46.712	ug/l	99
86) p-Isopropyltoluene	13.286	119	972014	47.312	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	493403	45.434	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	482971	44.832	ug/l	99
89) n-Butylbenzene	13.609	91	886753	46.994	ug/l	99
90) Hexachloroethane	13.877	117	193098	45.913	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	431633	45.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	25801	42.044	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	236226	41.942	ug/l	99
94) Hexachlorobutadiene	15.017	225	137786	41.632	ug/l	99
95) Naphthalene	15.139	128	413036	43.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	205156	42.272	ug/l	98

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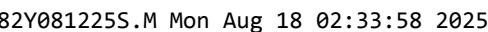
Instrument :
MSVOA_Y
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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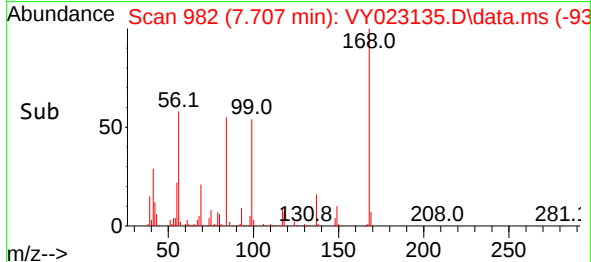
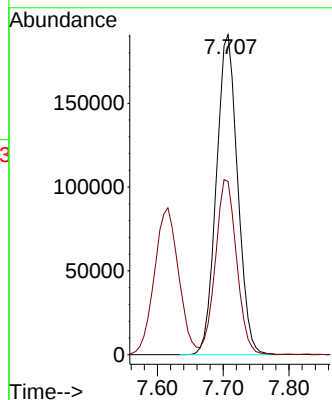
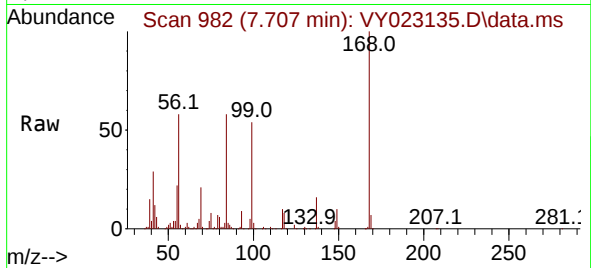




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

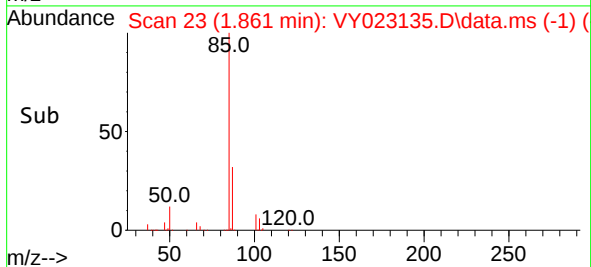
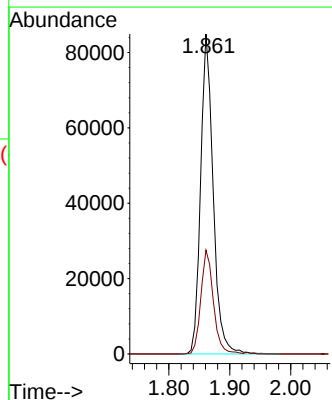
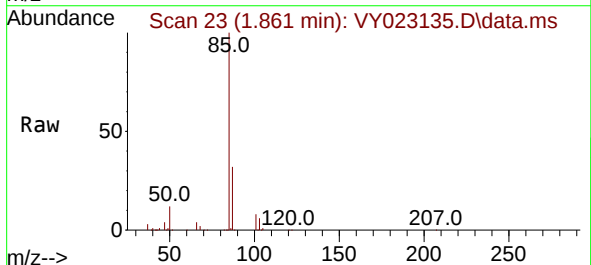
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 430308
Ion Ratio Lower Upper
168 100
99 54.1 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 34.628 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 85 Resp: 121628
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8

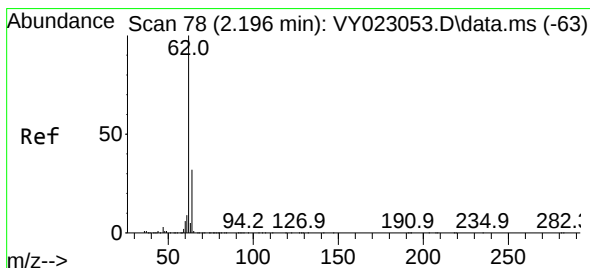
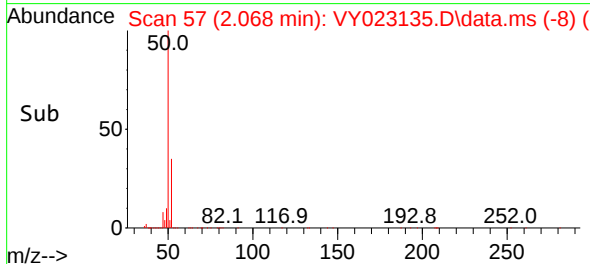
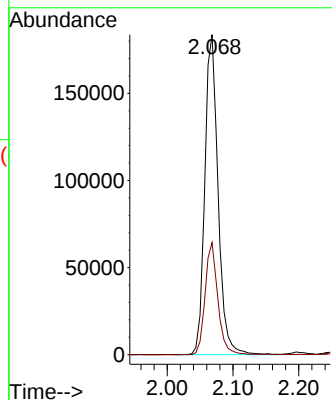
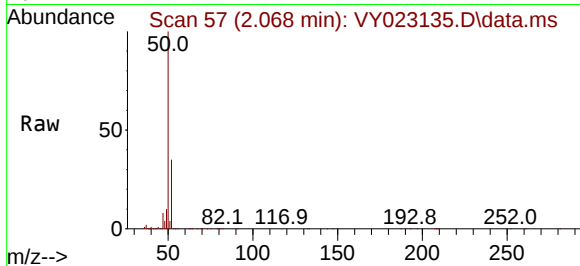




#3
Chloromethane
Concen: 45.346 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

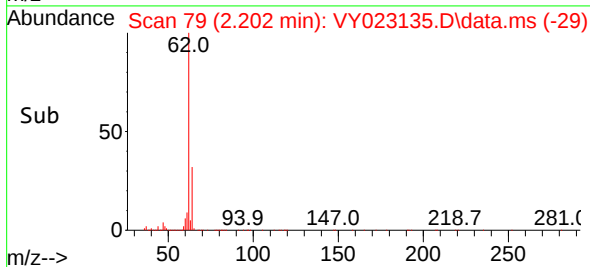
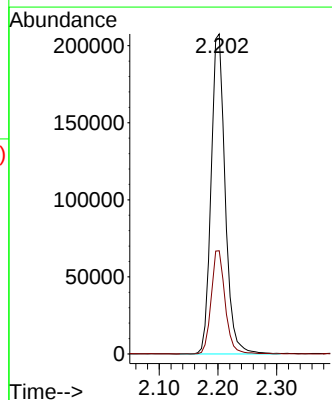
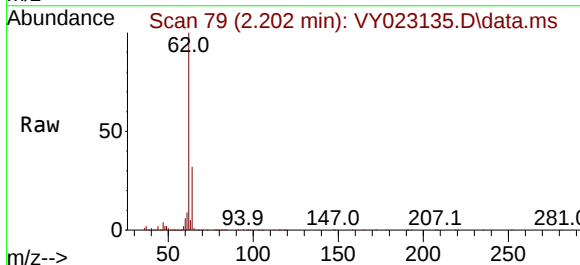
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 257975
Ion Ratio Lower Upper
50 100
52 35.0 26.7 40.1



#4
Vinyl Chloride
Concen: 49.135 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 62 Resp: 345536
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

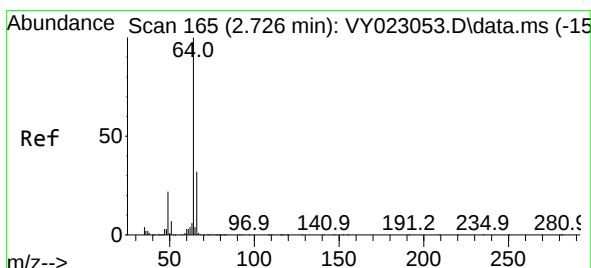
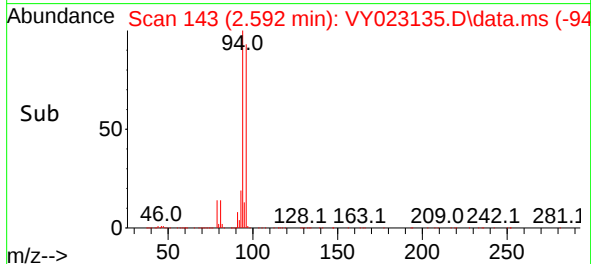
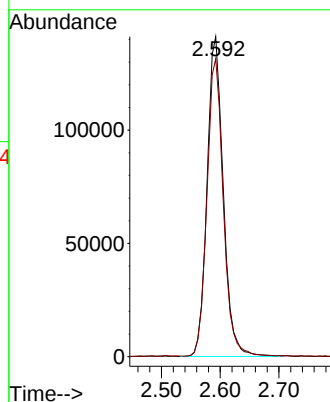
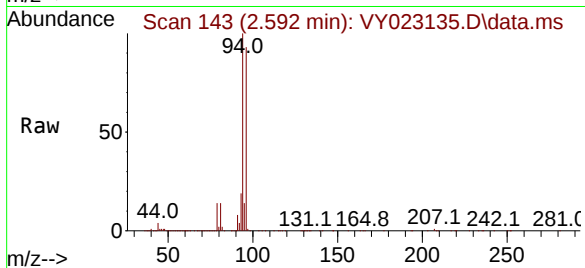




#5
Bromomethane
Concen: 51.559 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

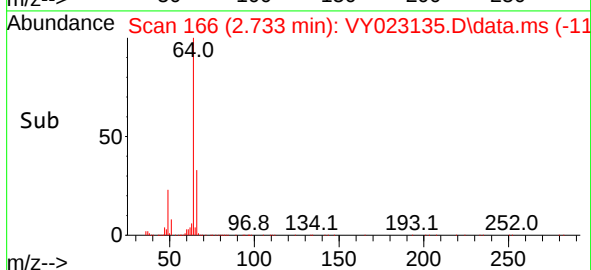
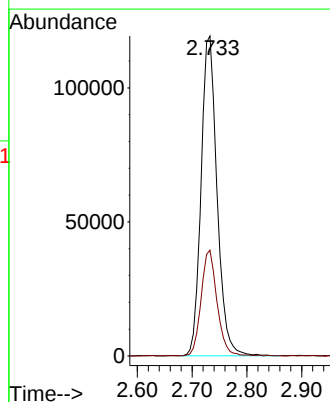
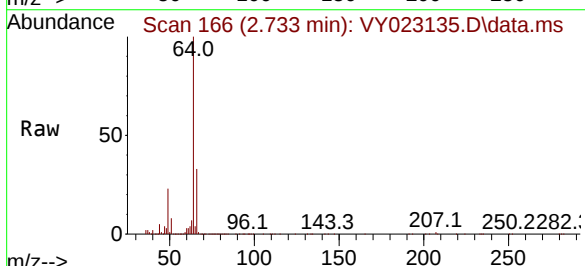
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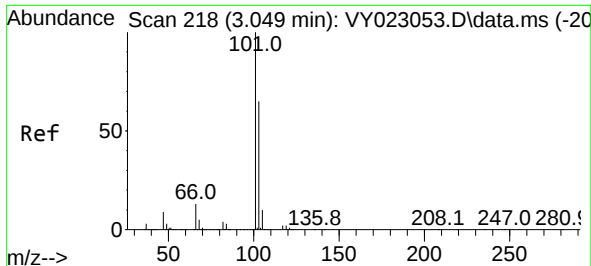
Tgt Ion: 94 Resp: 270785
Ion Ratio Lower Upper
94 100
96 93.0 74.6 112.0



#6
Chloroethane
Concen: 51.640 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 64 Resp: 241433
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.6

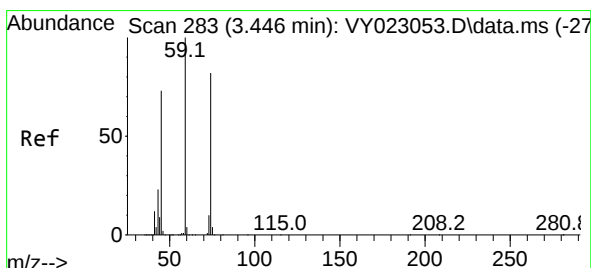
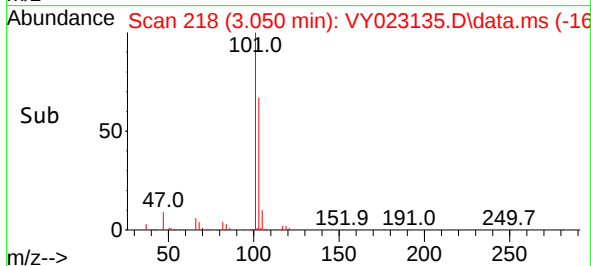
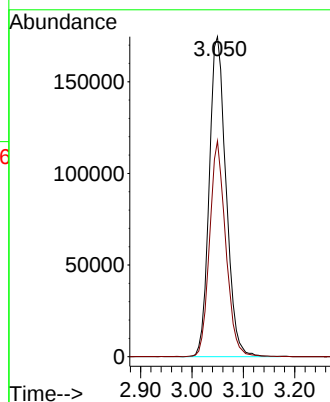
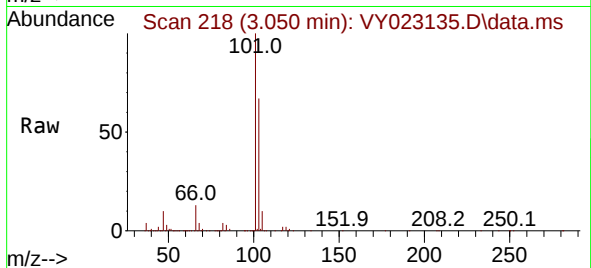




#7
 Trichlorofluoromethane
 Concen: 46.330 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

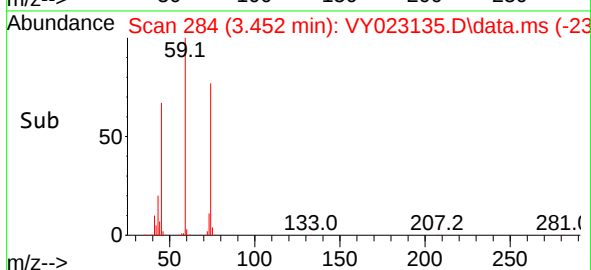
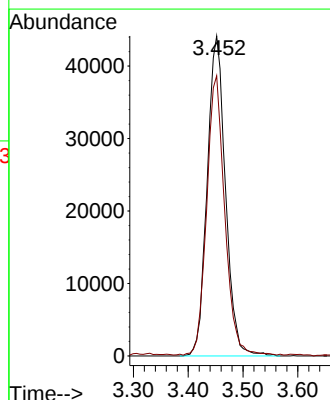
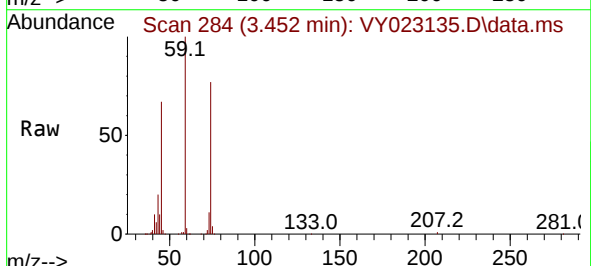
Instrument :
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Tgt Ion:101 Resp: 396172
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.197 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

Tgt Ion: 74 Resp: 102249
 Ion Ratio Lower Upper
 74 100
 45 85.6 44.4 133.2

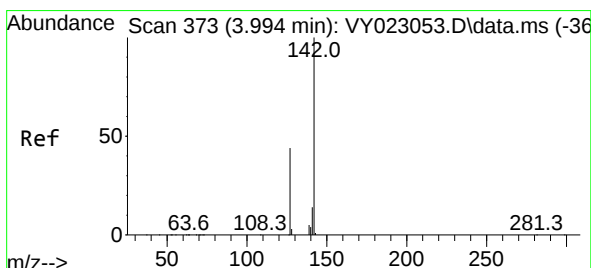
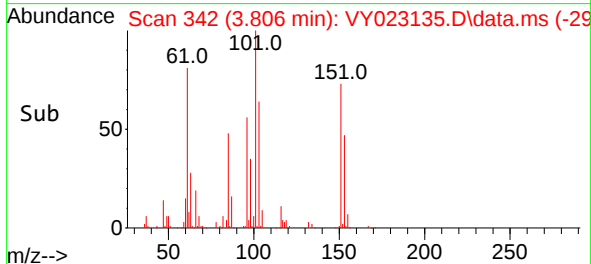
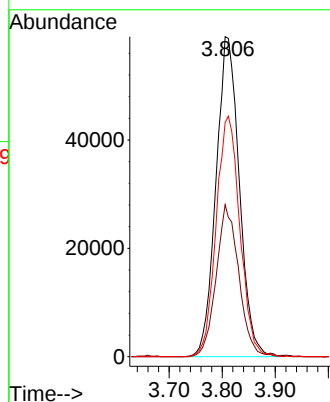
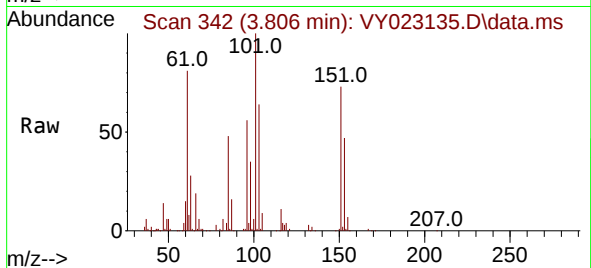




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.736 ug/l
RT: 3.806 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

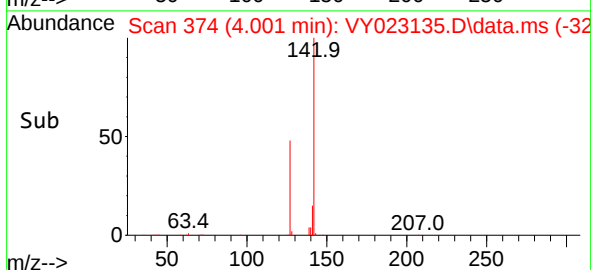
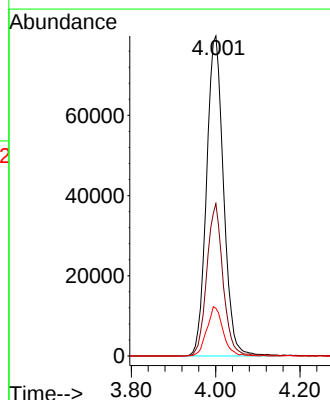
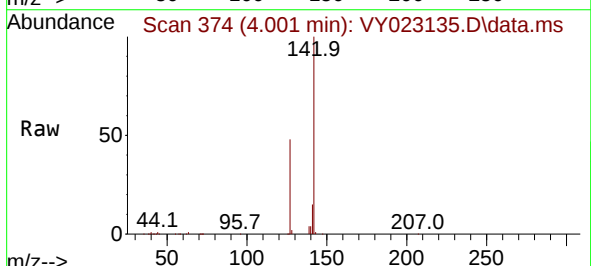
Instrument :
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Tgt Ion:101 Resp: 180286
Ion Ratio Lower Upper
101 100
85 46.0 36.3 54.5
151 76.5 61.5 92.3



#10
Methyl Iodide
Concen: 49.178 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion:142 Resp: 223871
Ion Ratio Lower Upper
142 100
127 45.3 34.9 52.3
141 14.7 11.3 16.9

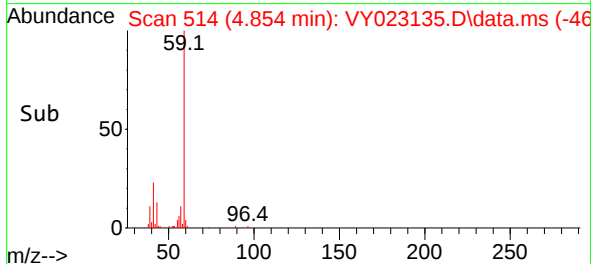
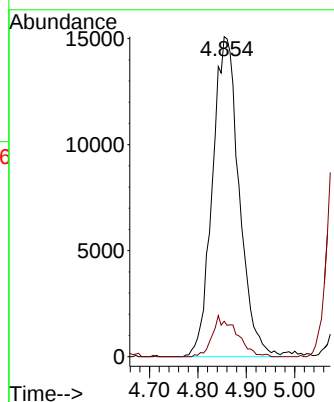
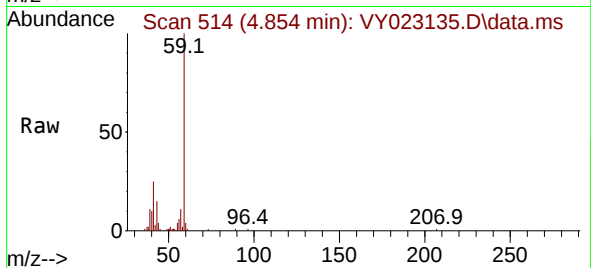




#11
Tert butyl alcohol
Concen: 206.701 ug/l
RT: 4.854 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

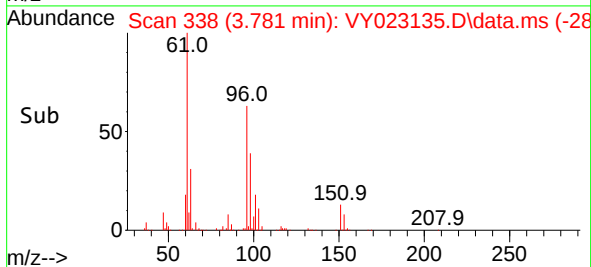
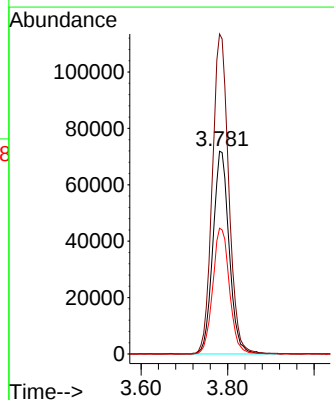
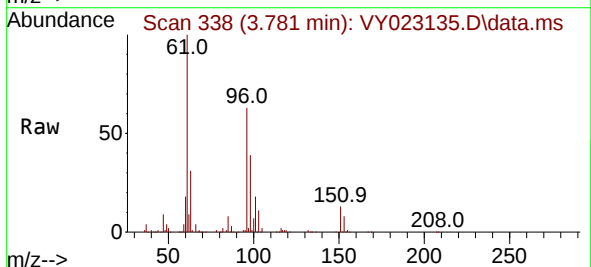
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 58084
Ion Ratio Lower Upper
59 100
57 11.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.207 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 96 Resp: 187457
Ion Ratio Lower Upper
96 100
61 157.9 129.4 194.2
98 62.0 52.8 79.2

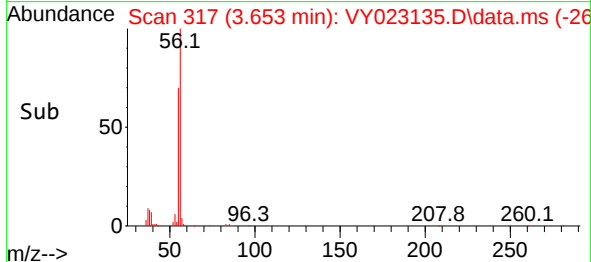
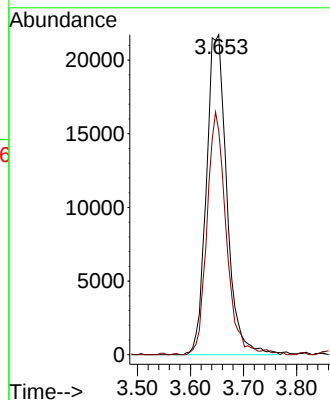
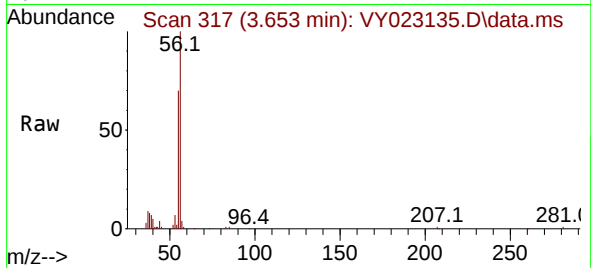




#13
Acrolein
Concen: 141.959 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

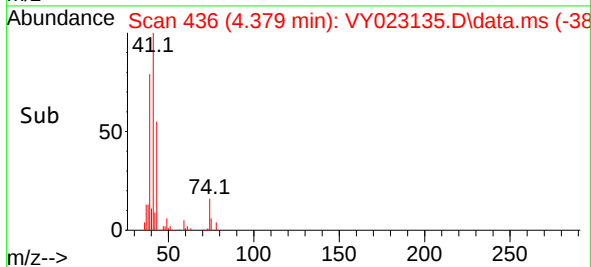
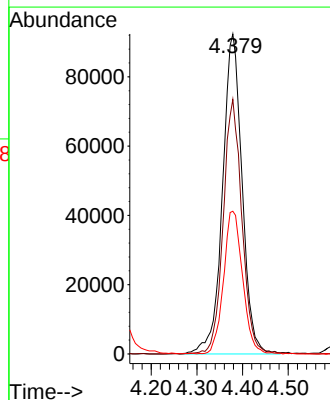
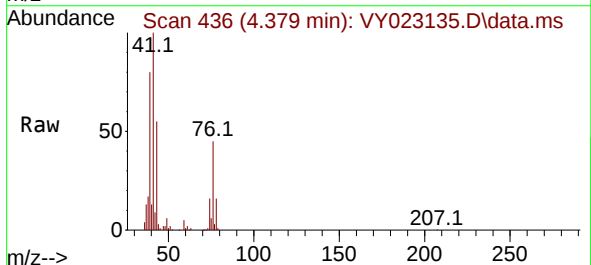
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

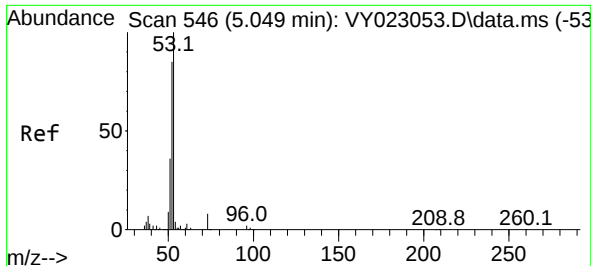
Tgt Ion: 56 Resp: 58421
Ion Ratio Lower Upper
56 100
55 70.6 55.2 82.8



#14
Allyl chloride
Concen: 45.054 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 41 Resp: 274900
Ion Ratio Lower Upper
41 100
39 76.1 59.8 89.6
76 43.5 33.7 50.5

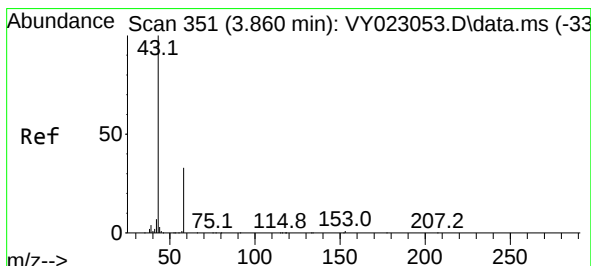
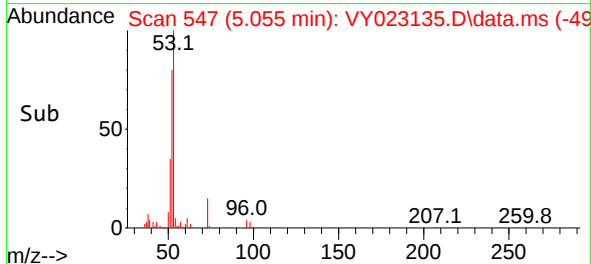
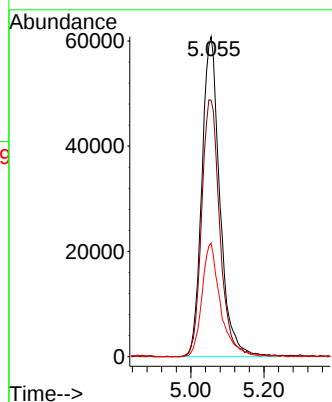
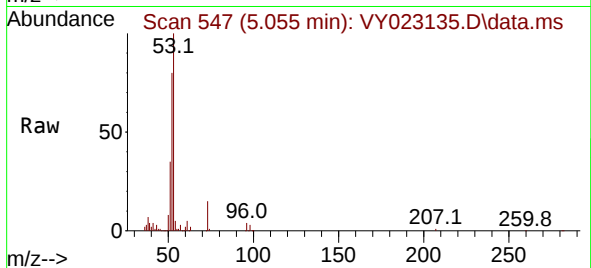




#15
Acrylonitrile
Concen: 226.140 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

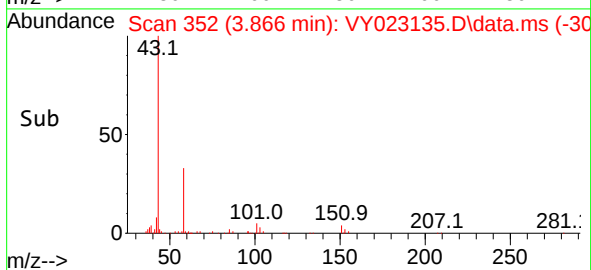
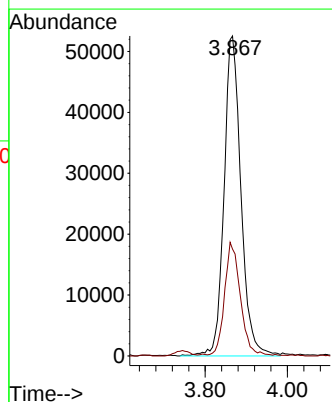
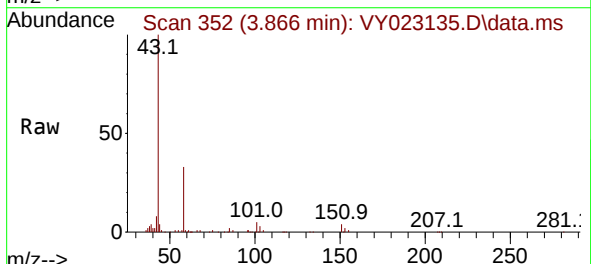
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 207991
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 36.3 29.5 44.3



#16
Acetone
Concen: 169.235 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 43 Resp: 150363
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7

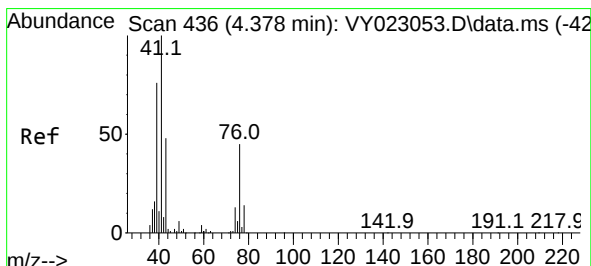
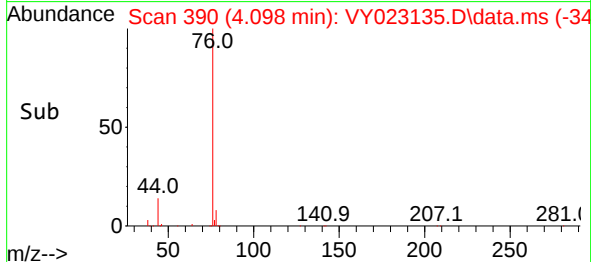
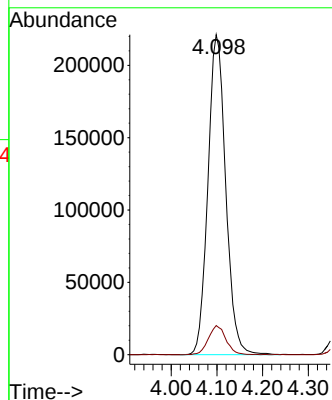
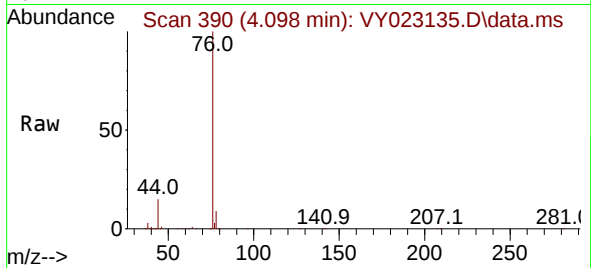




#17
Carbon Disulfide
Concen: 44.225 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

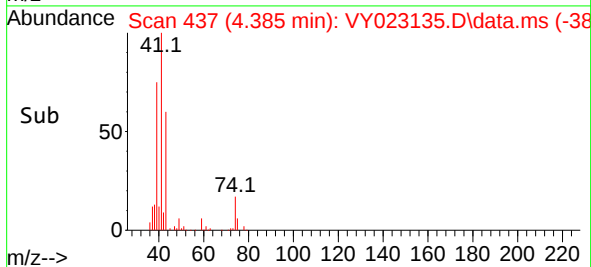
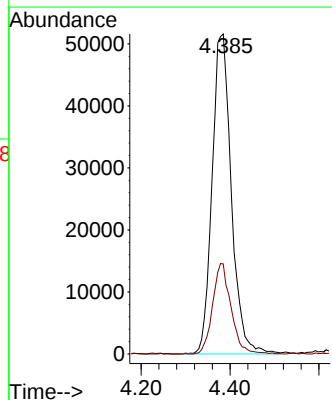
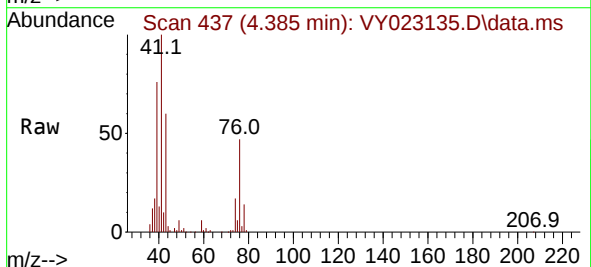
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

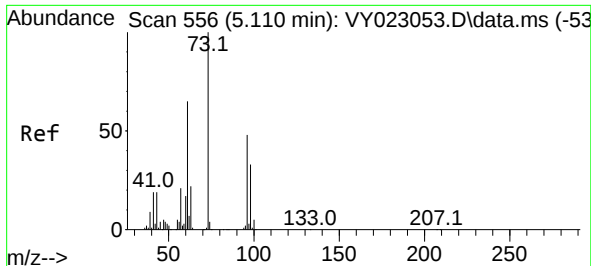
Tgt Ion: 76 Resp: 597944
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 58.622 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 43 Resp: 154996
Ion Ratio Lower Upper
43 100
74 27.0 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 46.367 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

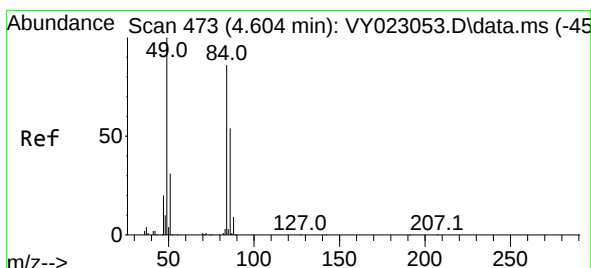
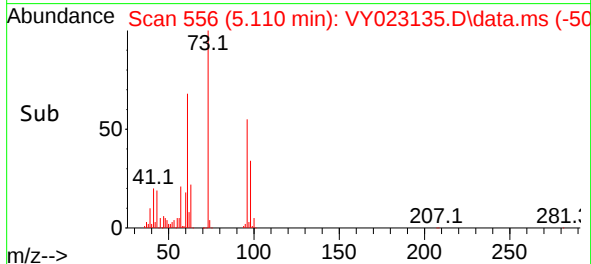
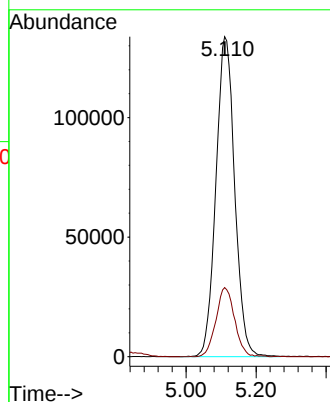
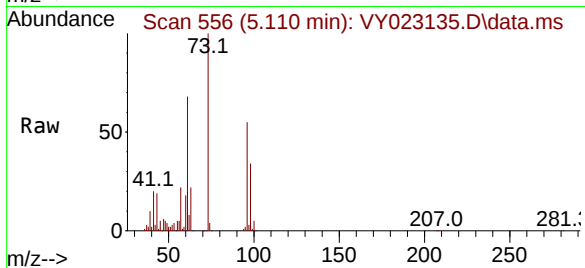
VSTDCCC050EC

Tgt Ion: 73 Resp: 498217

Ion Ratio Lower Upper

73 100

57 21.6 17.1 25.7



#20

Methylene Chloride

Concen: 47.835 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Tgt Ion: 84 Resp: 221392

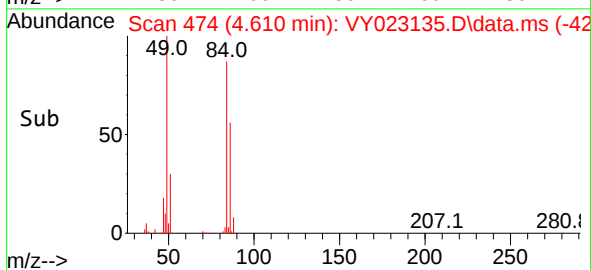
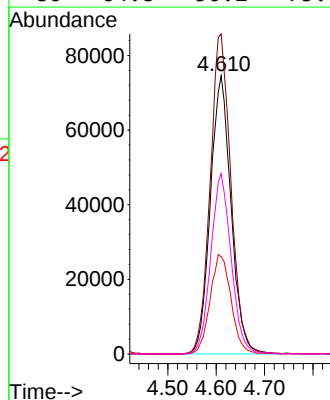
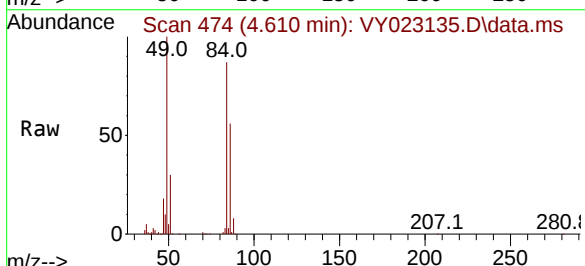
Ion Ratio Lower Upper

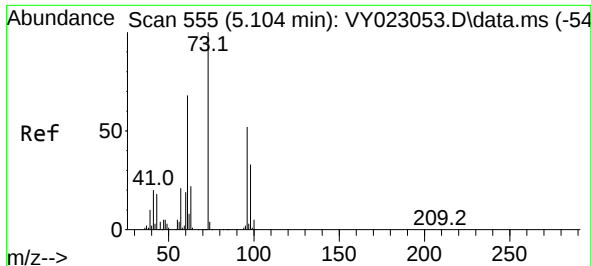
84 100

49 115.0 93.0 139.6

51 34.9 29.0 43.4

86 64.8 50.2 75.4

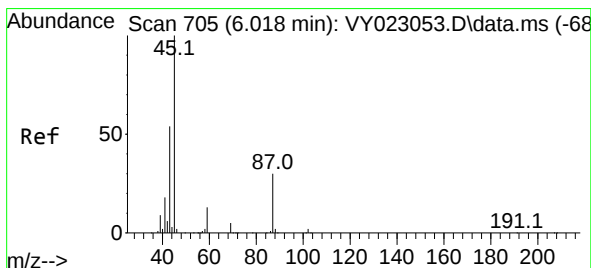
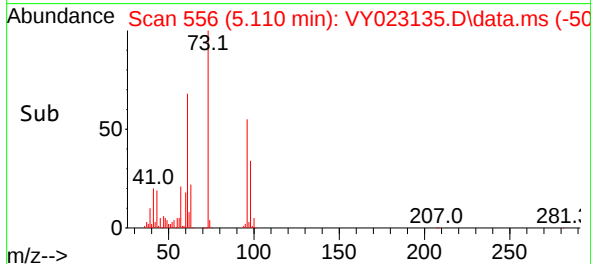
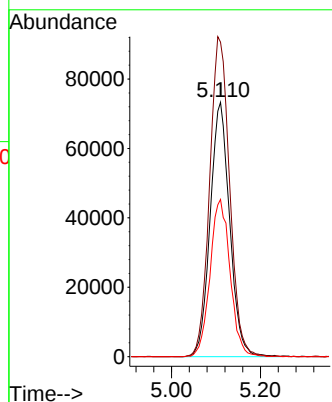
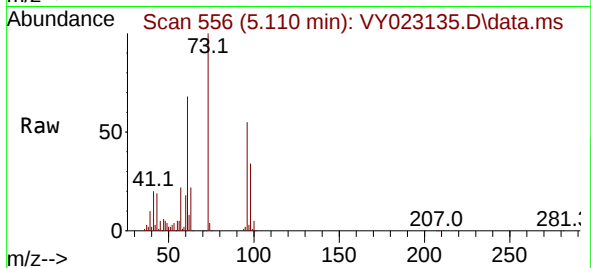




#21
trans-1,2-Dichloroethene
Concen: 47.978 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

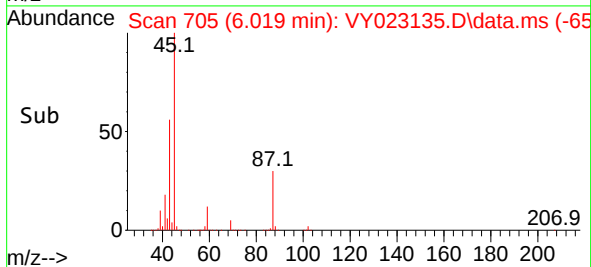
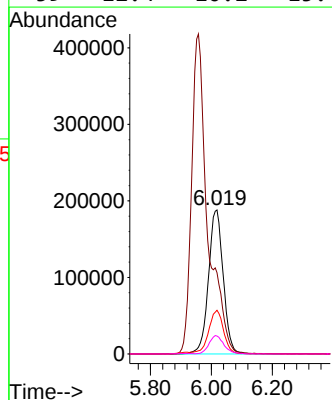
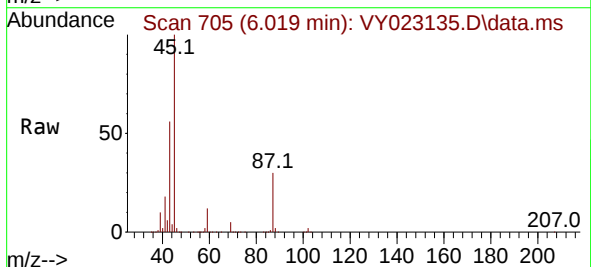
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 223573
Ion Ratio Lower Upper
96 100
61 123.6 104.8 157.2
98 61.8 50.1 75.1



#22
Diisopropyl ether
Concen: 47.734 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 45 Resp: 632885
Ion Ratio Lower Upper
45 100
43 56.3 43.4 65.0
87 30.3 24.4 36.6
59 12.4 10.2 15.4

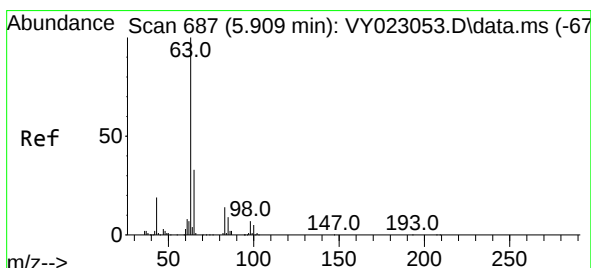
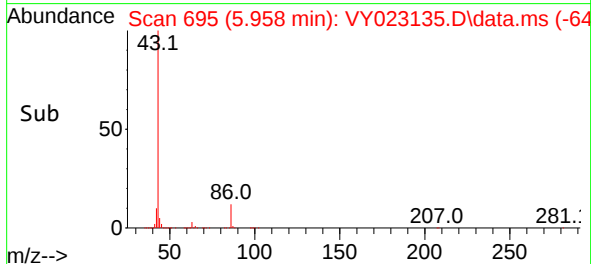
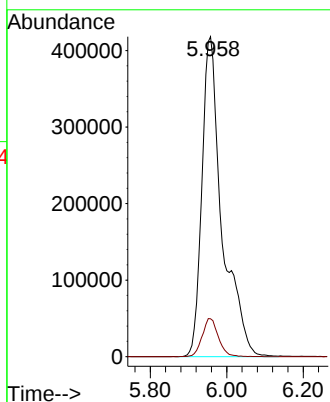
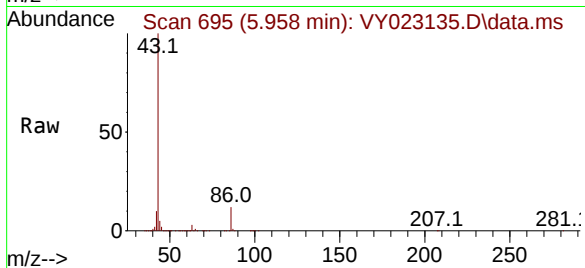




#23
 Vinyl Acetate
 Concen: 208.809 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

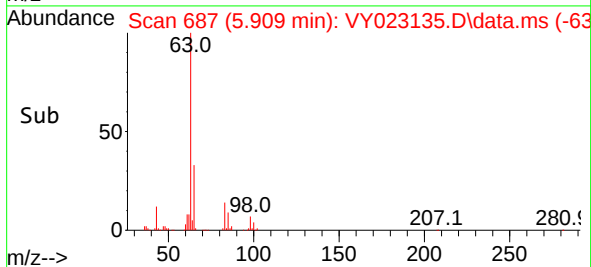
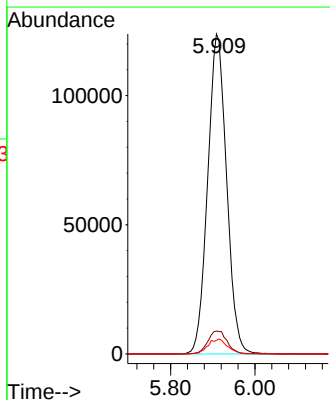
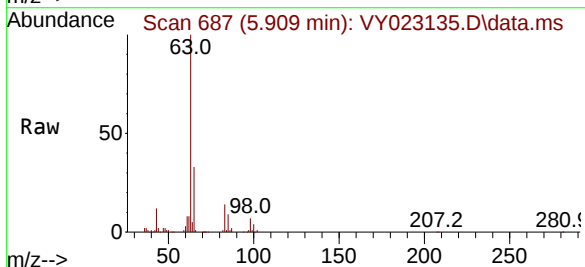
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1530852
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 47.608 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

Tgt Ion: 63 Resp: 385922
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.2 2.4 7.1

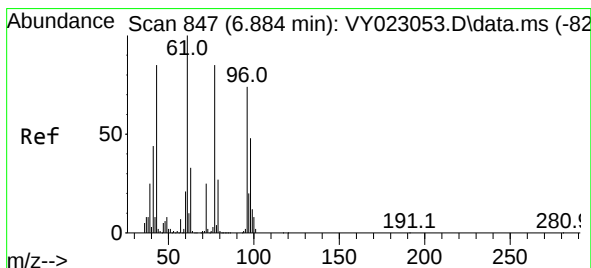
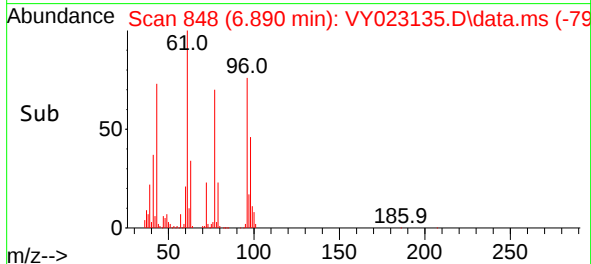
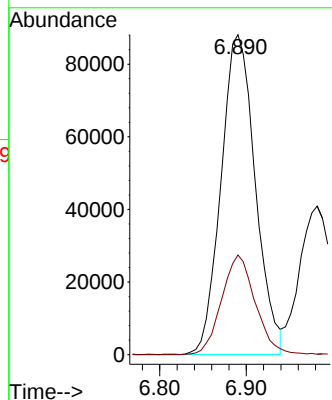
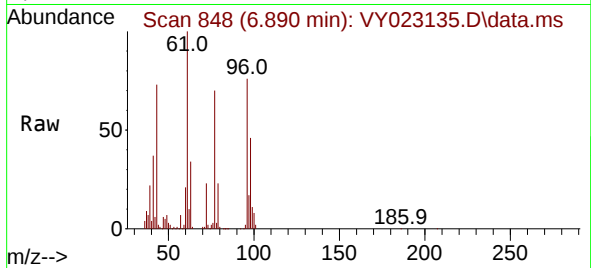




#25
2-Butanone
Concen: 200.293 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

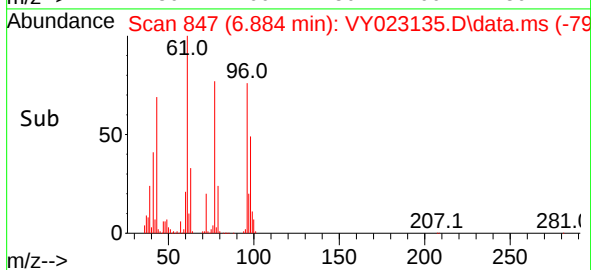
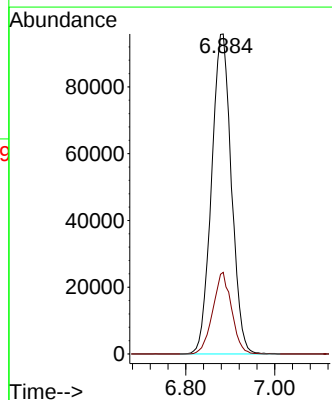
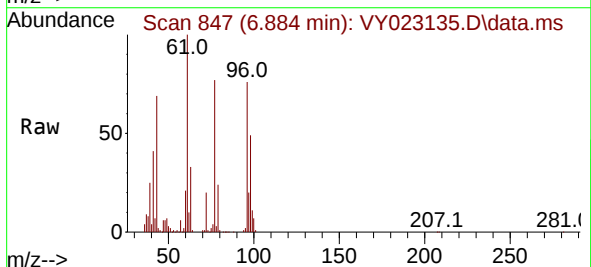
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

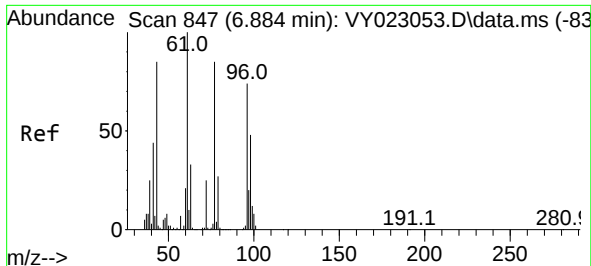
Tgt Ion: 43 Resp: 242030
Ion Ratio Lower Upper
43 100
72 31.2 23.5 35.3



#26
2,2-Dichloropropane
Concen: 42.412 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 77 Resp: 296658
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8

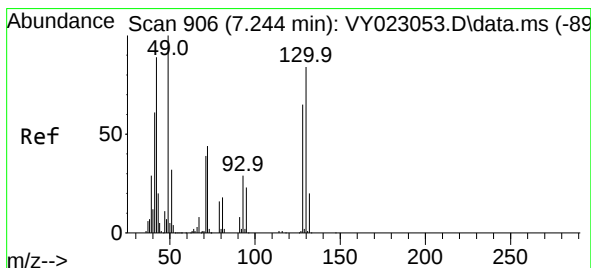
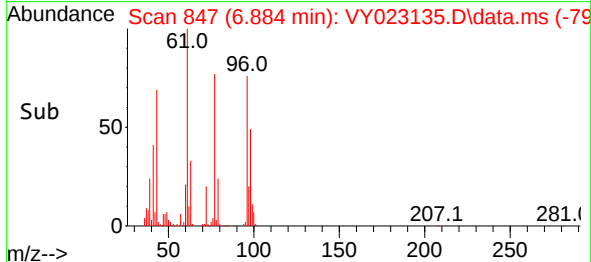
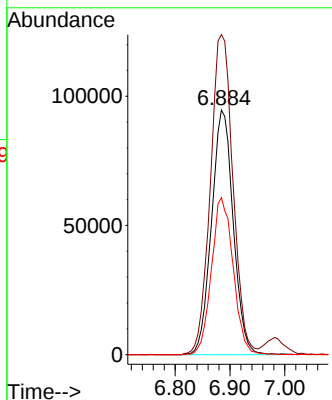
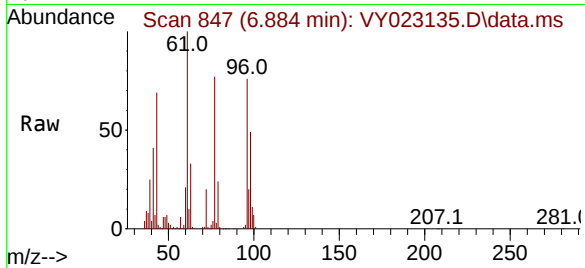




#27
 cis-1,2-Dichloroethene
 Concen: 48.425 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

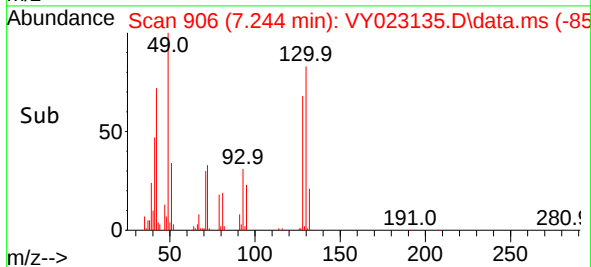
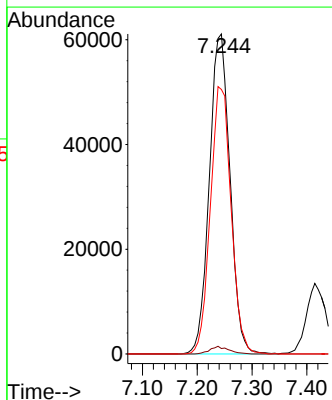
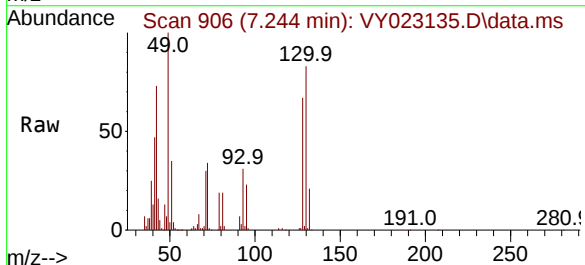
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

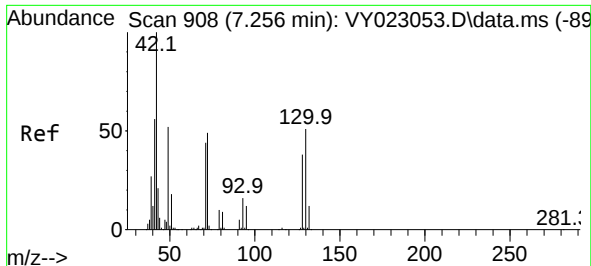
Tgt Ion: 96 Resp: 260875
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 278.6
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.690 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

Tgt Ion: 49 Resp: 159803
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 220.064 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

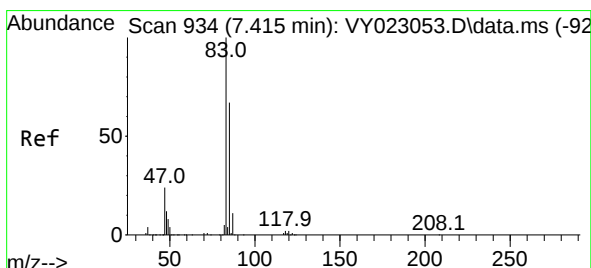
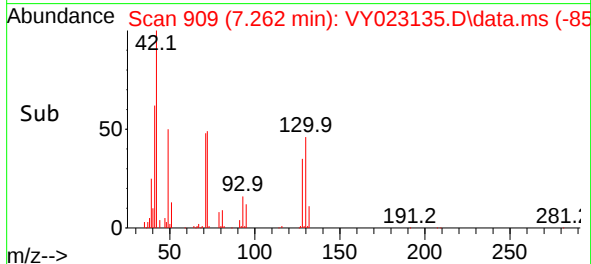
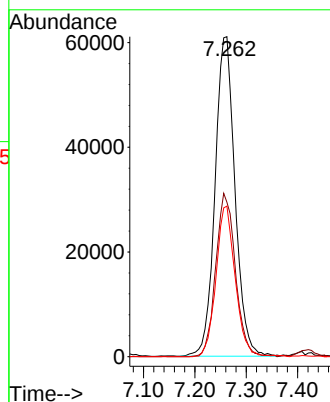
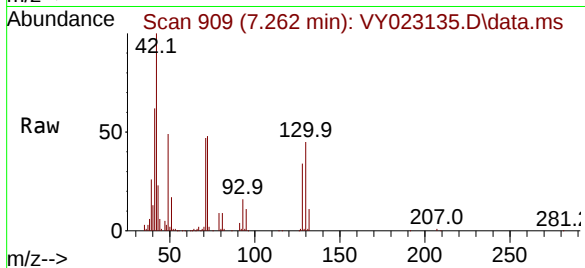
Tgt Ion: 42 Resp: 164833

Ion Ratio Lower Upper

42 100

72 50.4 39.4 59.2

71 45.2 36.5 54.7



#30

Chloroform

Concen: 48.951 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023135.D

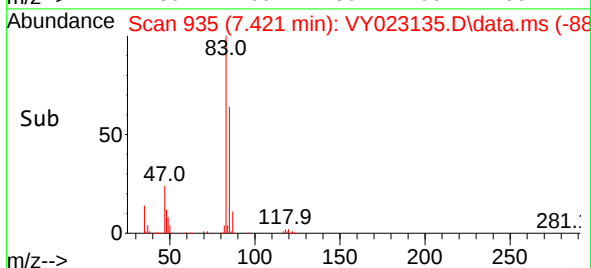
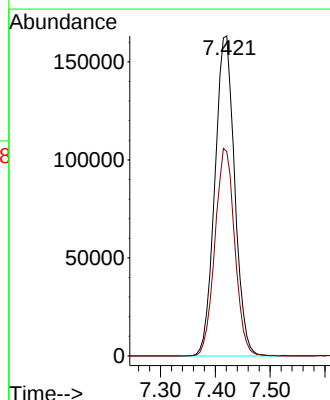
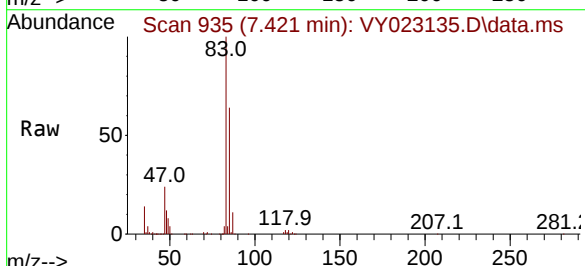
Acq: 15 Aug 2025 19:06

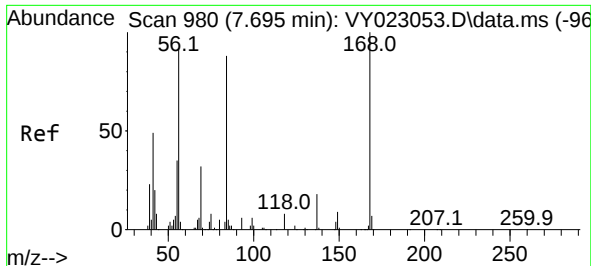
Tgt Ion: 83 Resp: 409239

Ion Ratio Lower Upper

83 100

85 63.9 53.8 80.8

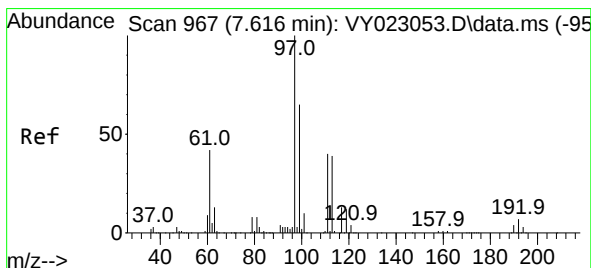
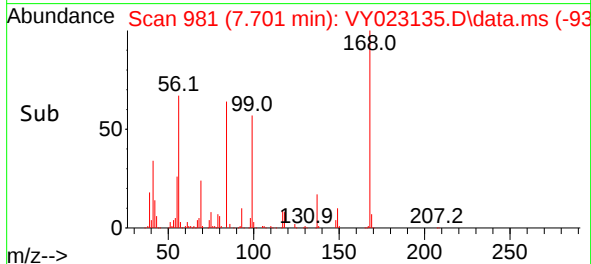
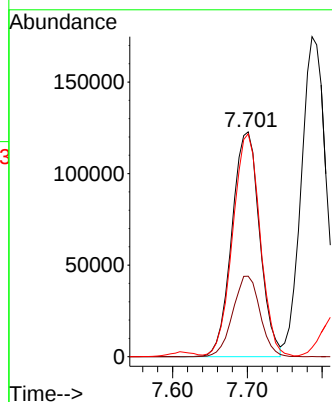
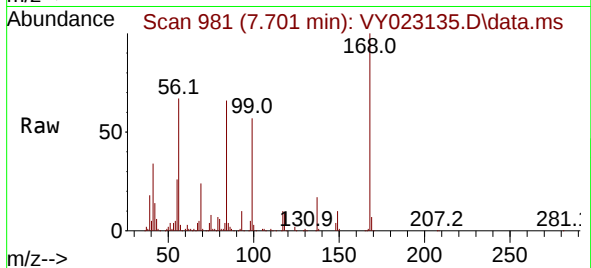




#31
Cyclohexane
Concen: 41.505 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

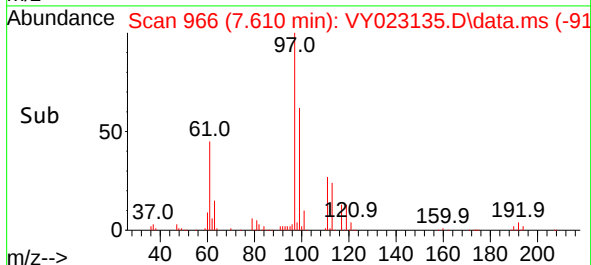
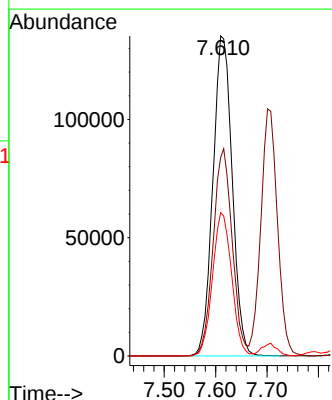
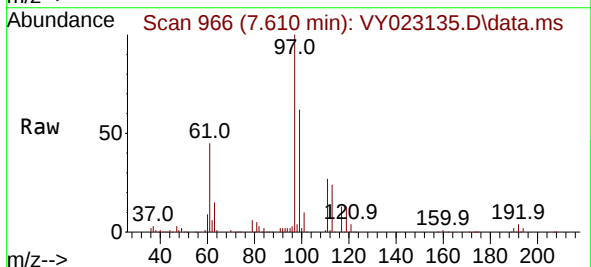
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 317051
Ion Ratio Lower Upper
56 100
69 35.8 28.2 42.2
84 96.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 47.657 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 97 Resp: 353516
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 44.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.127 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

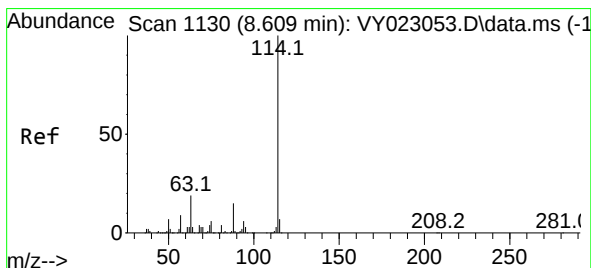
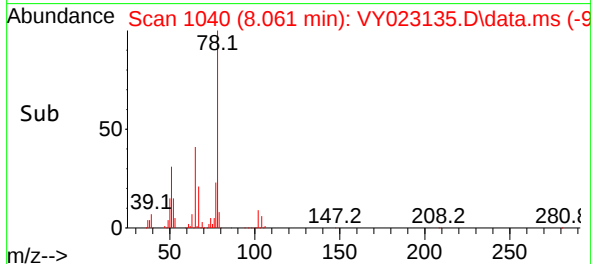
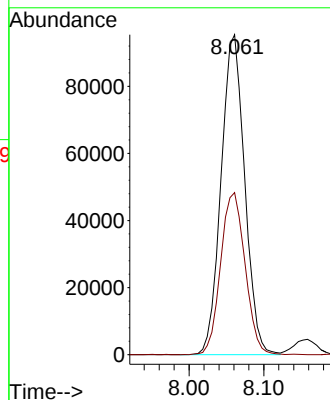
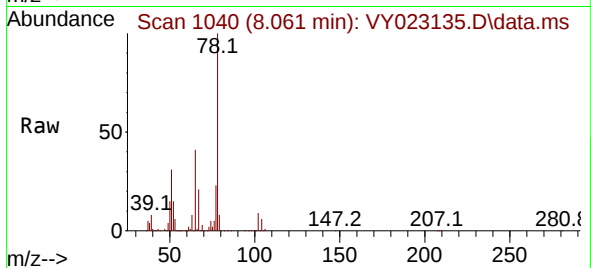
VSTDCCC050EC

Tgt Ion: 65 Resp: 209678

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

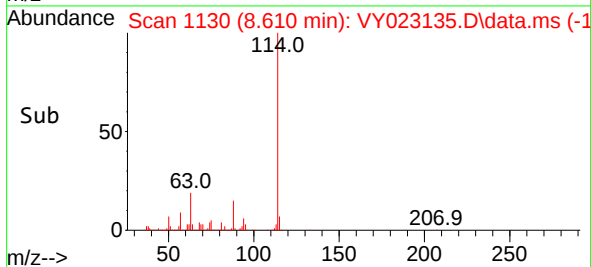
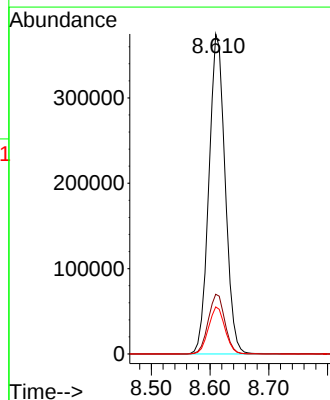
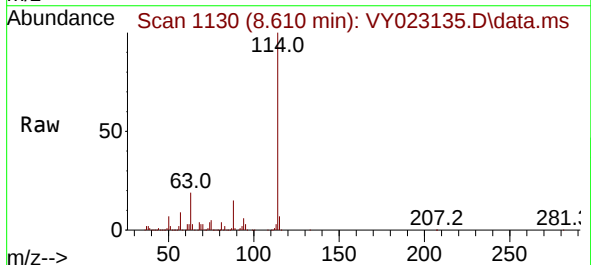
Tgt Ion:114 Resp: 718703

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 14.7 0.0 30.0

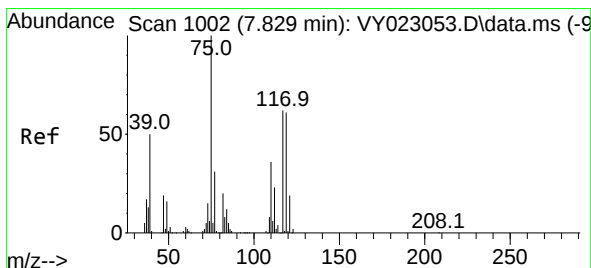
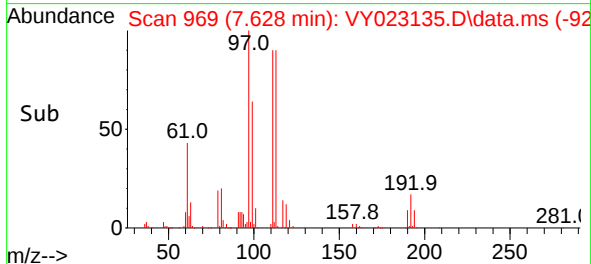
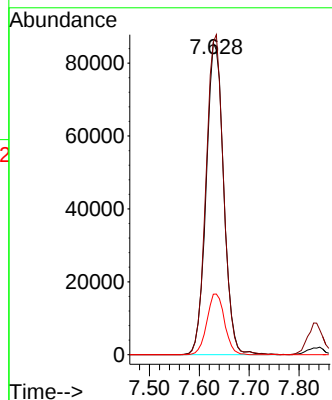
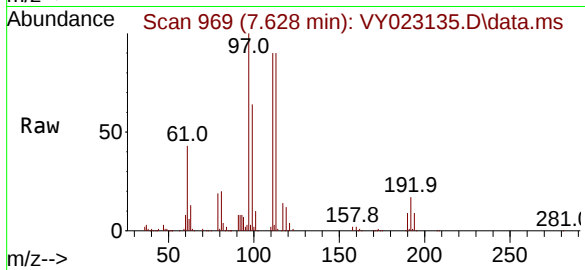




#35
Dibromofluoromethane
Concen: 48.501 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

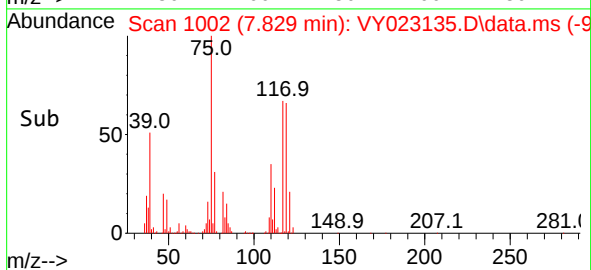
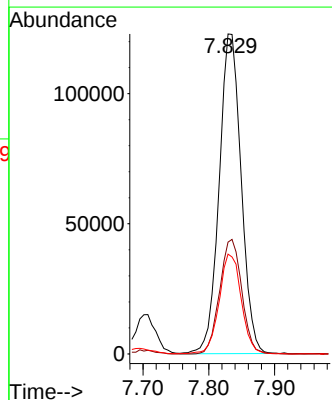
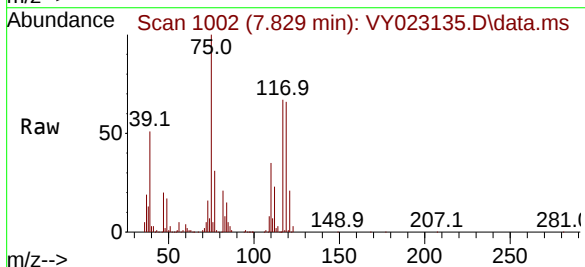
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

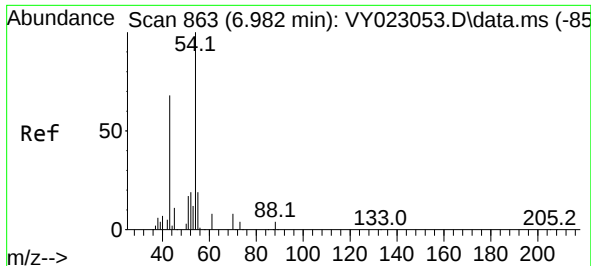
Tgt Ion:113 Resp: 208578
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 19.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 44.762 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 75 Resp: 286083
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.4
77 31.5 24.6 37.0

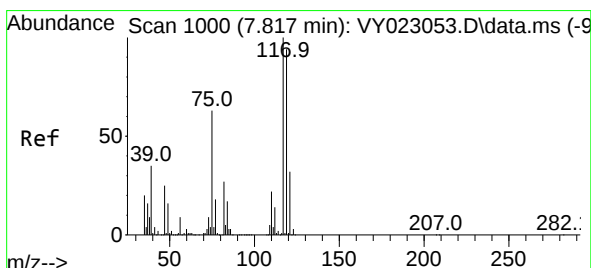
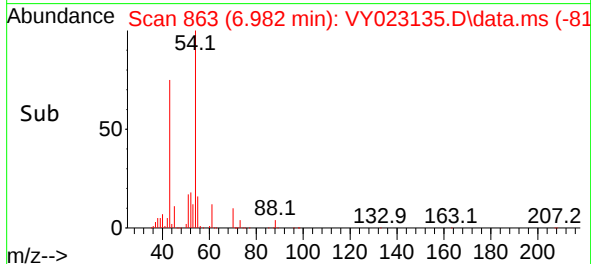
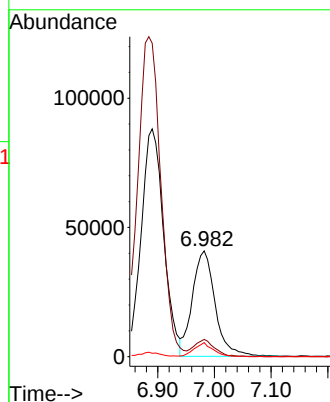
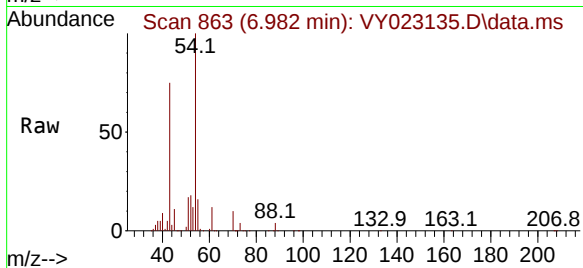




#37
Ethyl Acetate
Concen: 42.450 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

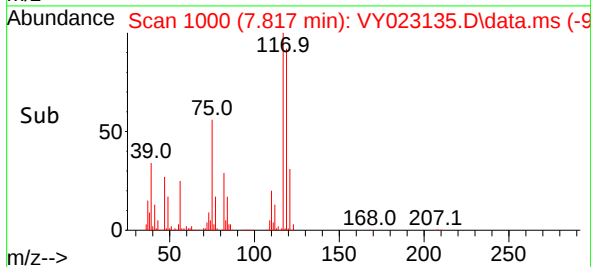
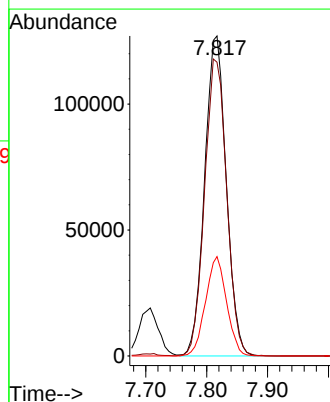
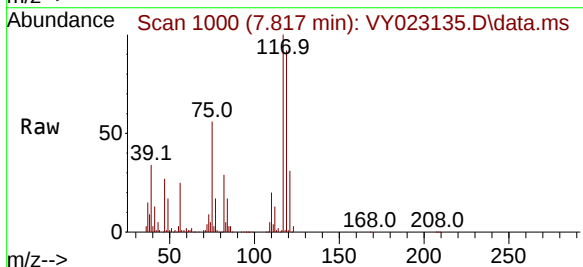
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

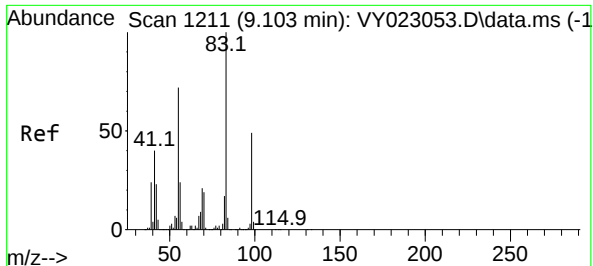
Tgt Ion: 43 Resp: 113967
Ion Ratio Lower Upper
43 100
61 14.0 11.9 17.9
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 45.177 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 117 Resp: 313598
Ion Ratio Lower Upper
117 100
119 91.8 75.6 113.4
121 31.1 25.8 38.8





#39

Methylcyclohexane

Concen: 42.522 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

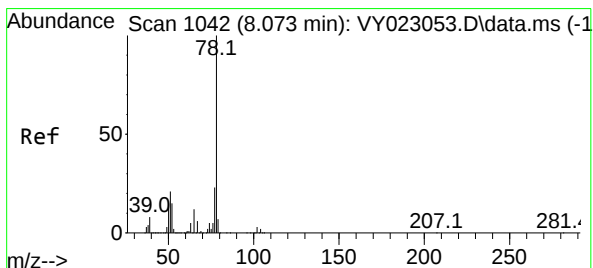
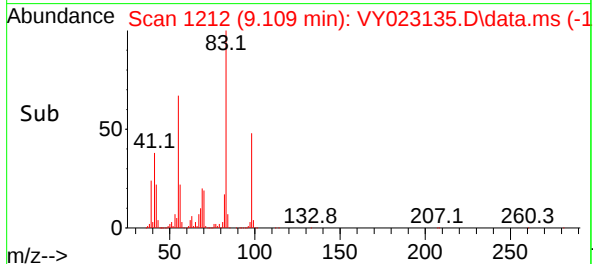
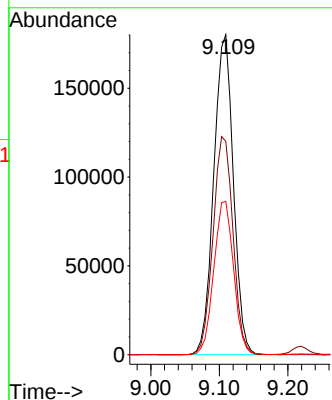
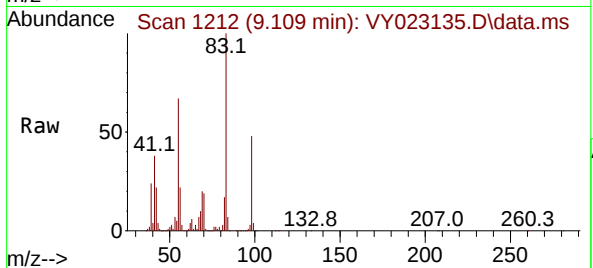
Tgt Ion: 83 Resp: 357877

Ion Ratio Lower Upper

83 100

55 66.6 57.6 86.4

98 47.9 39.2 58.8



#40

Benzene

Concen: 46.514 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY023135.D

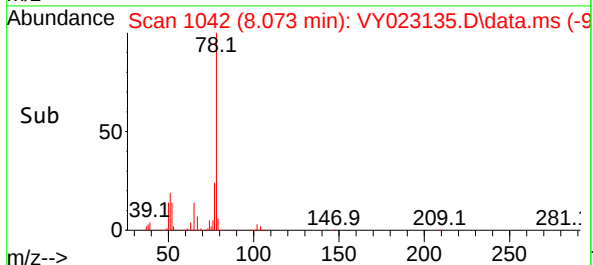
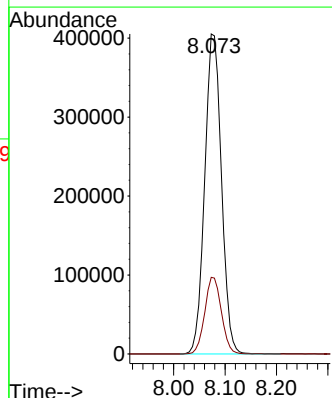
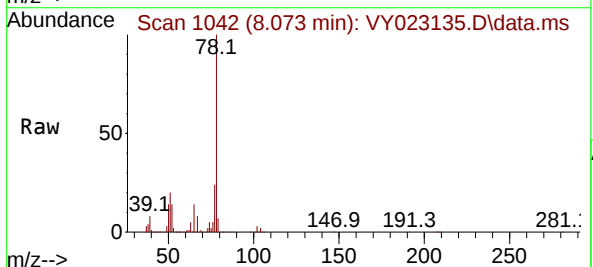
Acq: 15 Aug 2025 19:06

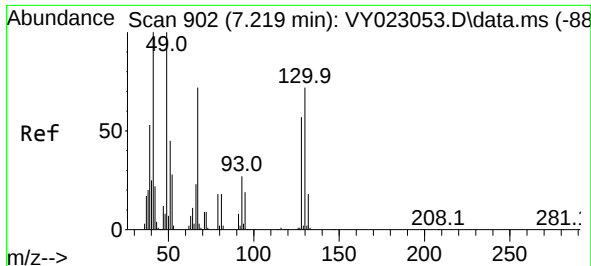
Tgt Ion: 78 Resp: 916243

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0



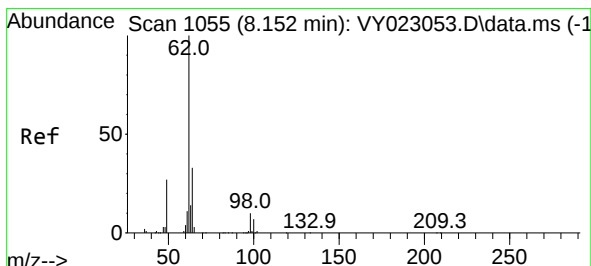
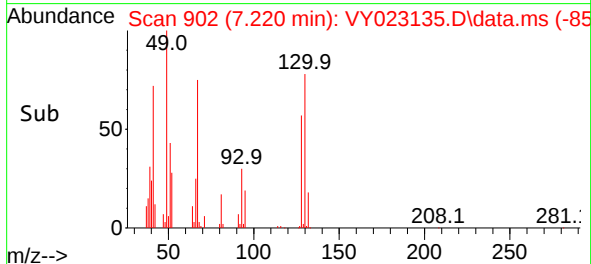
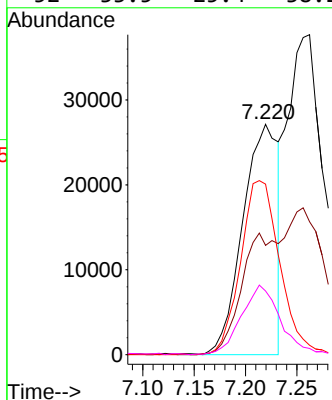
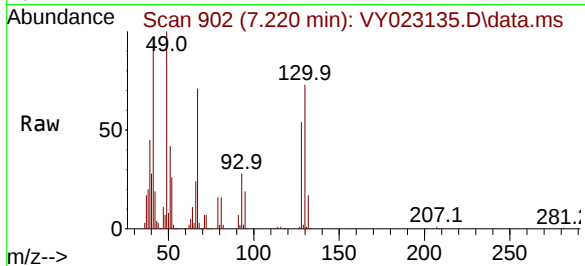


#41
Methacrylonitrile
Concen: 41.916 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 64946

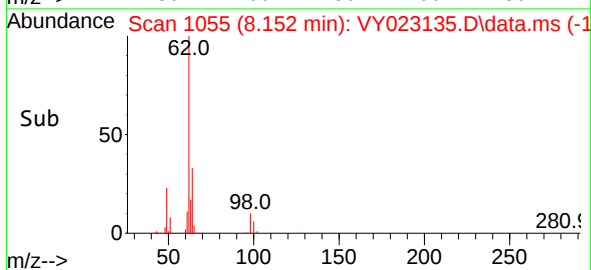
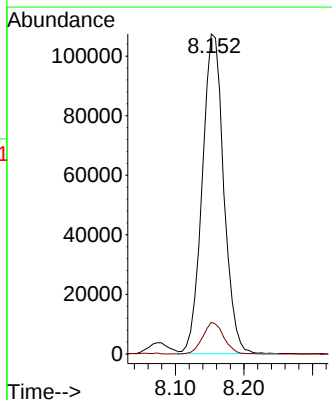
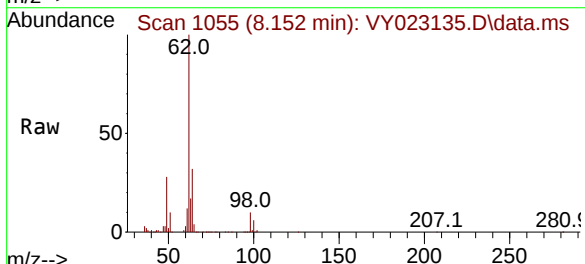
Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.4	65.2
67	84.4	63.6	95.4
52	33.5	25.4	38.2



#42
1,2-Dichloroethane
Concen: 45.709 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 62 Resp: 234175

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6

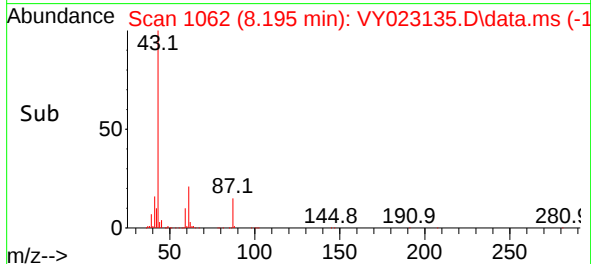
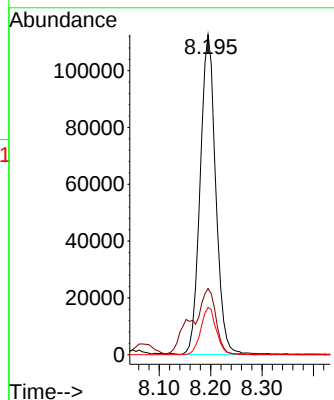
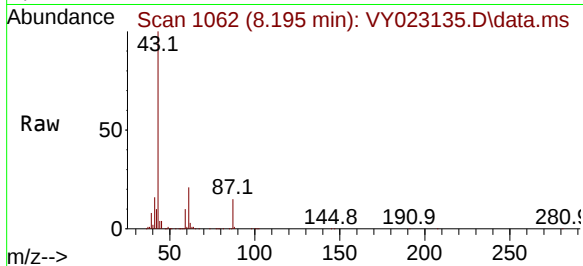




#43
Isopropyl Acetate
Concen: 43.470 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

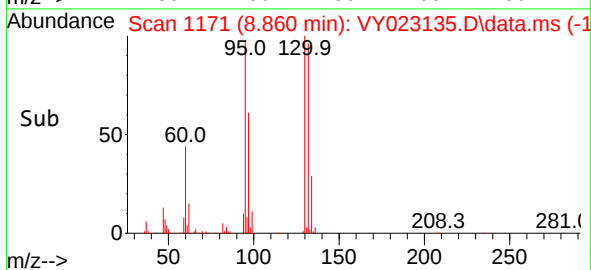
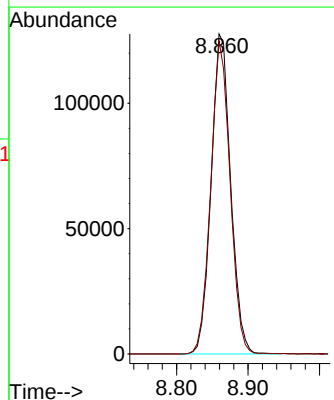
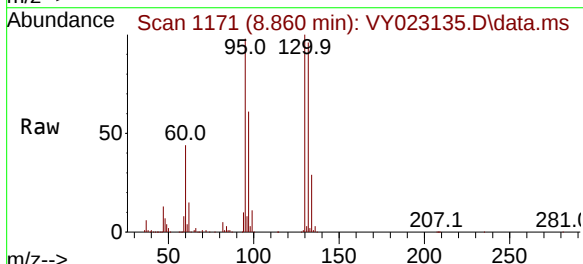
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 235882
Ion Ratio Lower Upper
43 100
61 20.8 16.4 24.6
87 14.8 11.8 17.6



#44
Trichloroethene
Concen: 47.535 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion:130 Resp: 241977
Ion Ratio Lower Upper
130 100
95 97.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 46.657 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

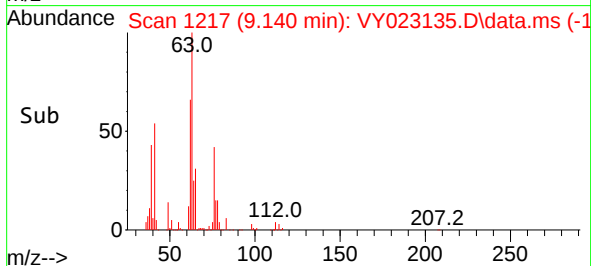
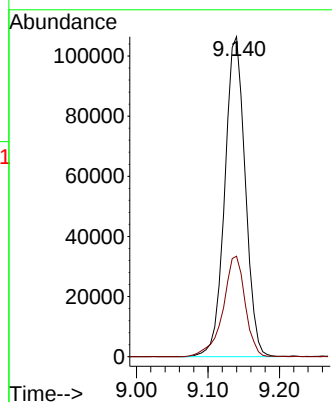
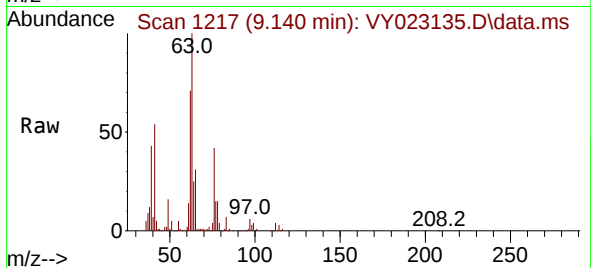
VSTDCCC050EC

Tgt Ion: 63 Resp: 211470

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 45.999 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

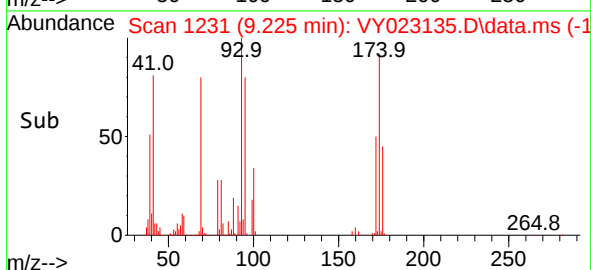
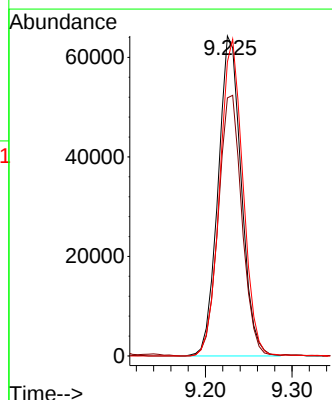
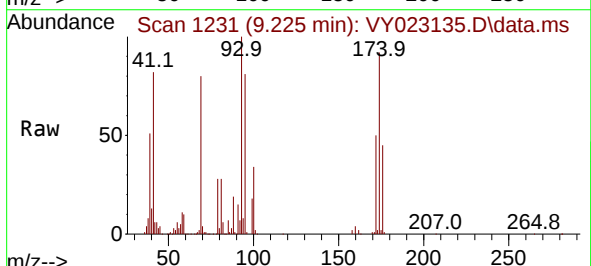
Tgt Ion: 93 Resp: 119663

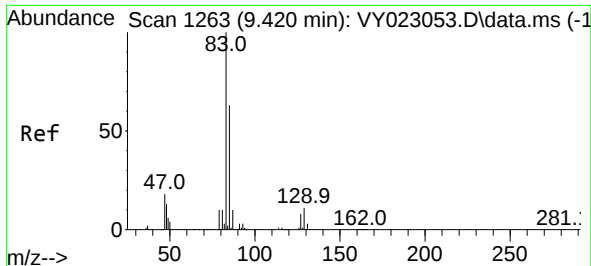
Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

174 99.1 81.8 122.8

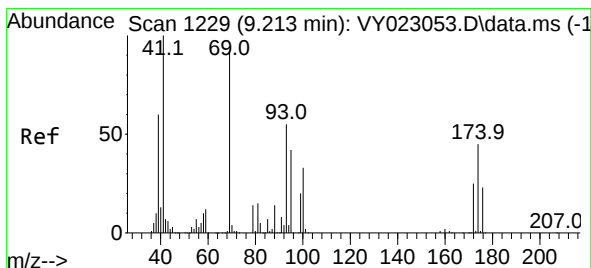
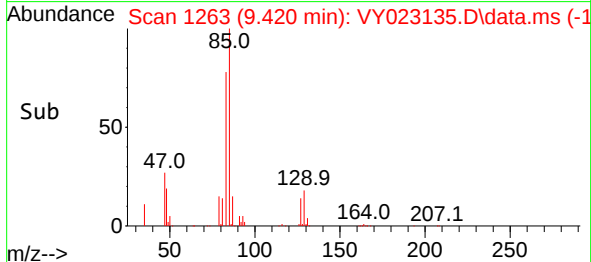
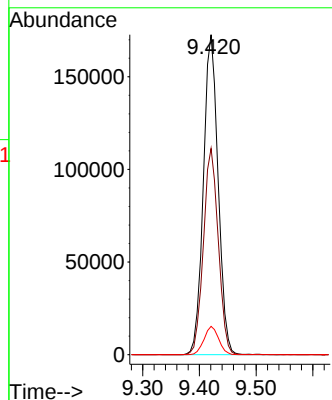
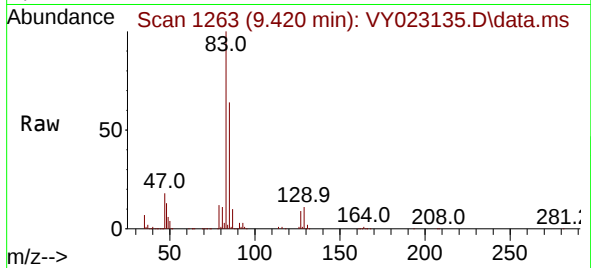




#47
Bromodichloromethane
Concen: 46.439 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

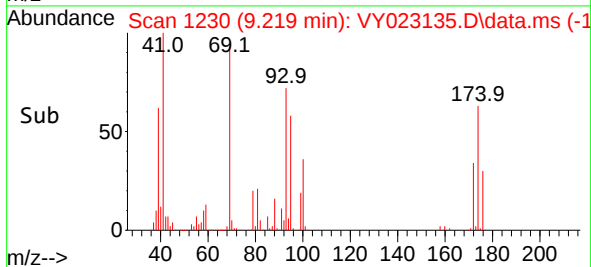
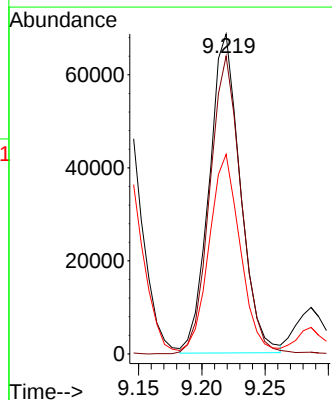
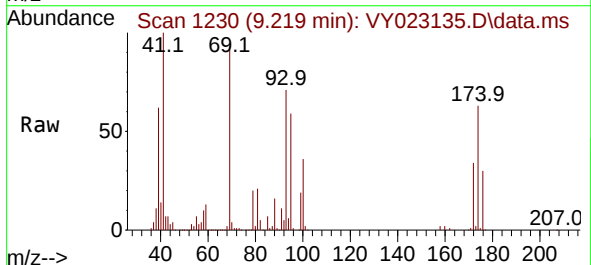
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 310859
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 45.295 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 41 Resp: 117614
Ion Ratio Lower Upper
41 100
69 93.9 73.2 109.8
39 60.4 47.0 70.4





#49

1,4-Dioxane

Concen: 902.014 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

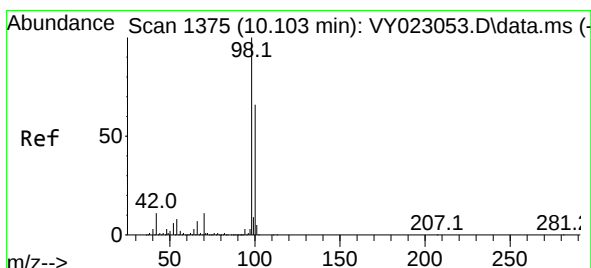
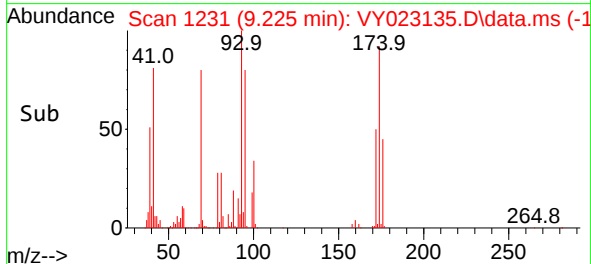
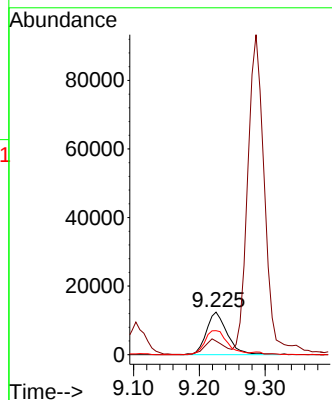
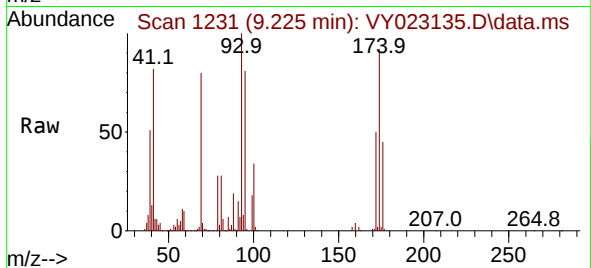
Tgt Ion: 88 Resp: 27514

Ion Ratio Lower Upper

88 100

43 32.9 24.3 36.5

58 61.0 55.4 83.0



#50

Toluene-d8

Concen: 49.738 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023135.D

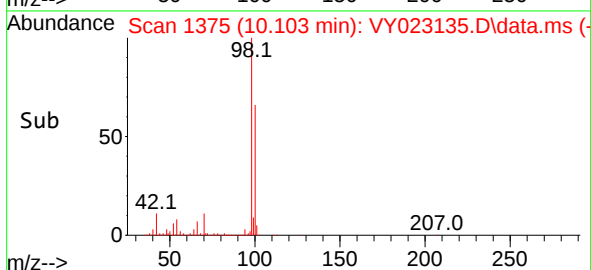
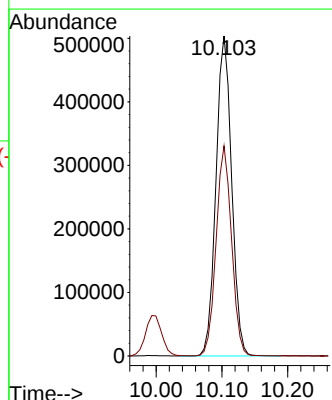
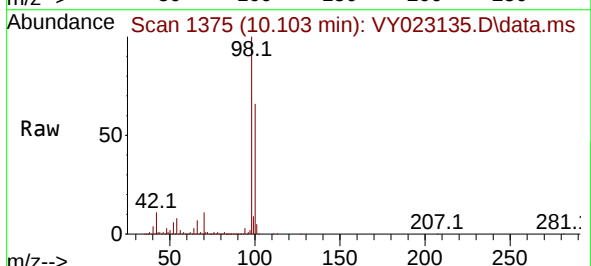
Acq: 15 Aug 2025 19:06

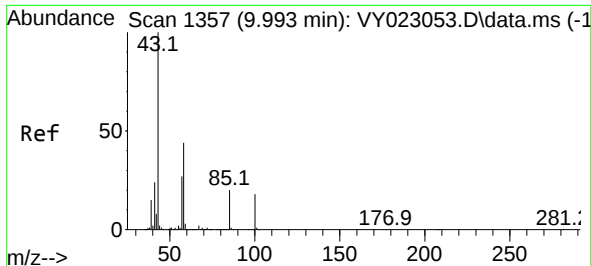
Tgt Ion: 98 Resp: 835617

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 219.870 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

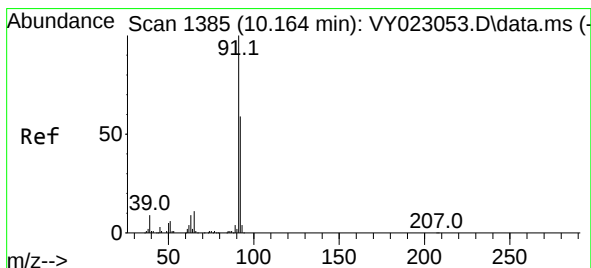
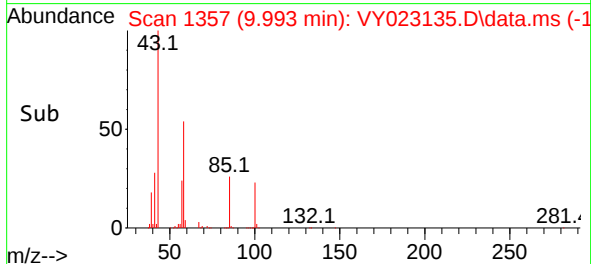
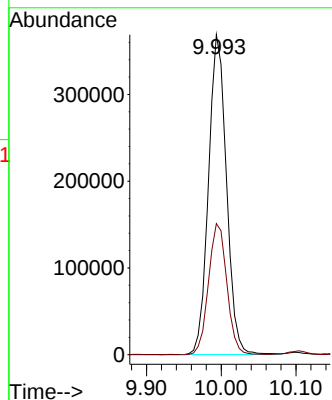
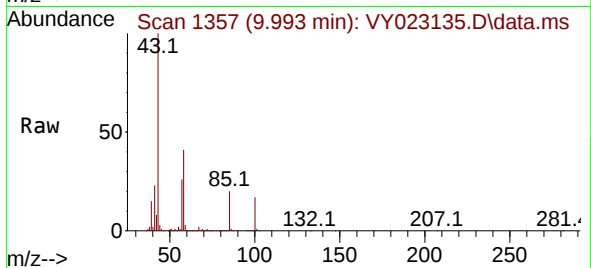
VSTDCCC050EC

Tgt Ion: 43 Resp: 615423

Ion Ratio Lower Upper

43 100

58 41.9 33.5 50.3



#52

Toluene

Concen: 47.285 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY023135.D

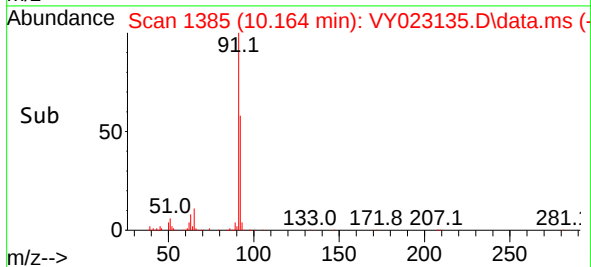
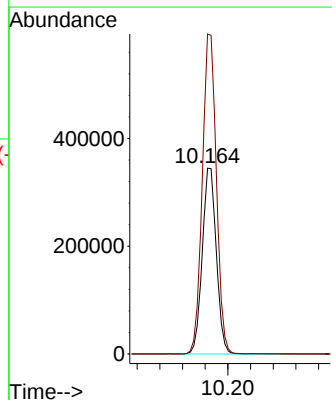
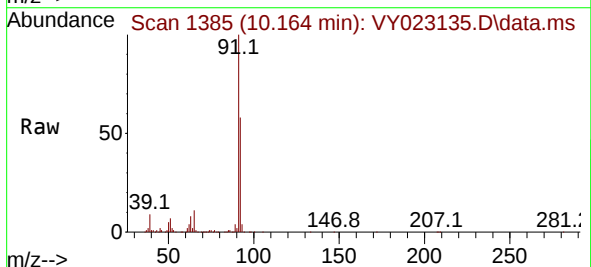
Acq: 15 Aug 2025 19:06

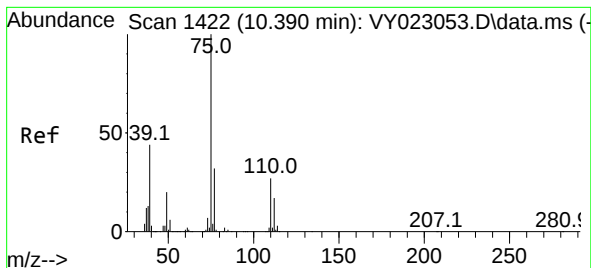
Tgt Ion: 92 Resp: 591580

Ion Ratio Lower Upper

92 100

91 172.9 136.4 204.6

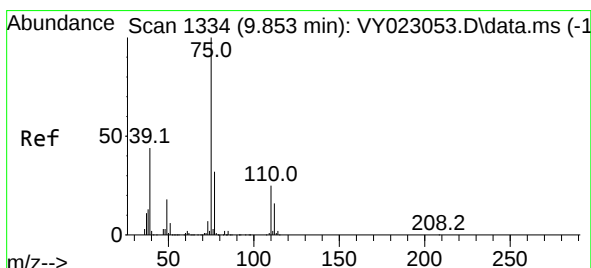
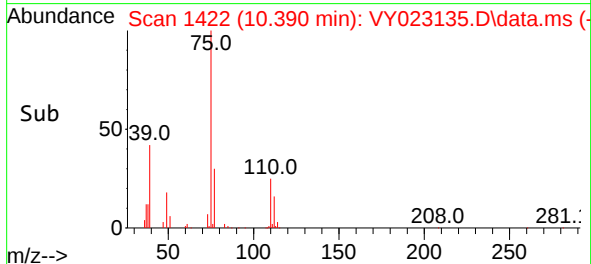
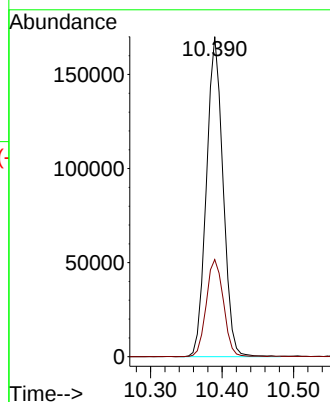
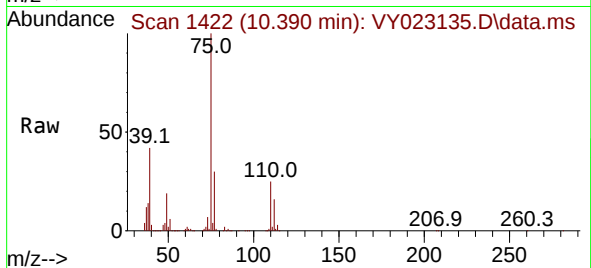




#53
t-1,3-Dichloropropene
Concen: 45.264 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

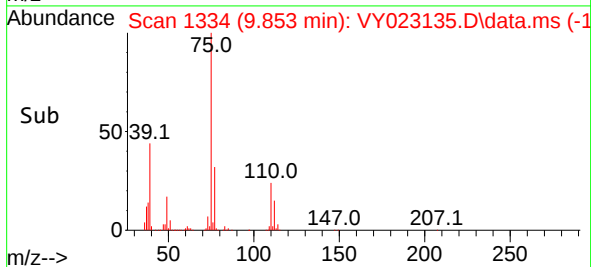
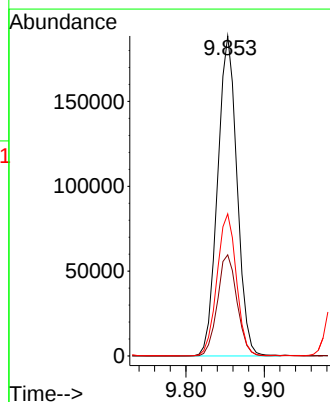
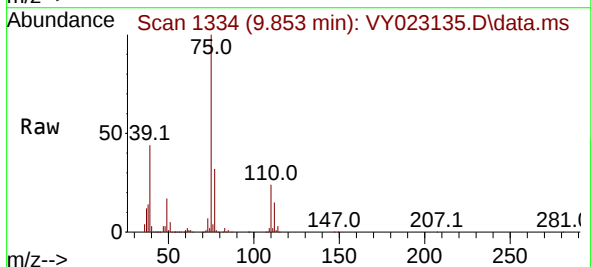
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

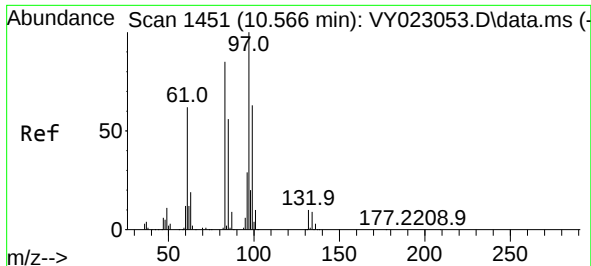
Tgt Ion: 75 Resp: 274370
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 45.347 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 75 Resp: 325037
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 44.4 35.6 53.4



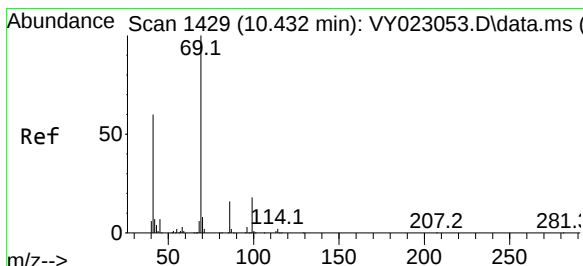
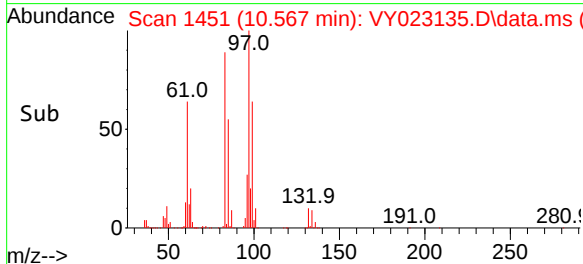
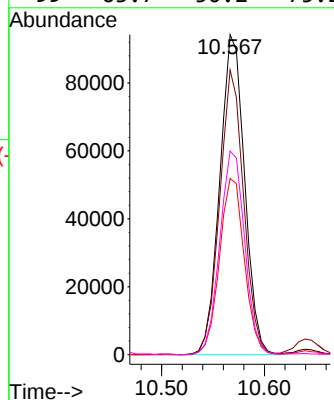
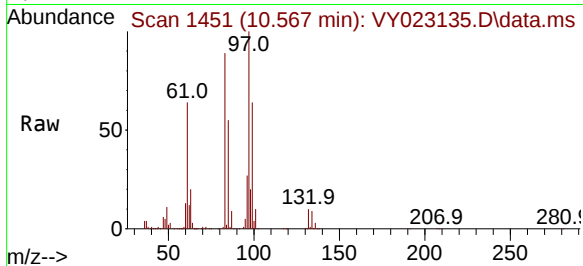


#55
1,1,2-Trichloroethane
Concen: 45.358 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 157893

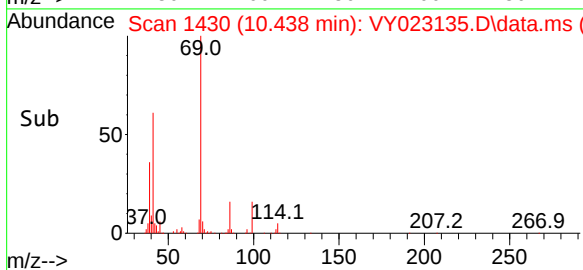
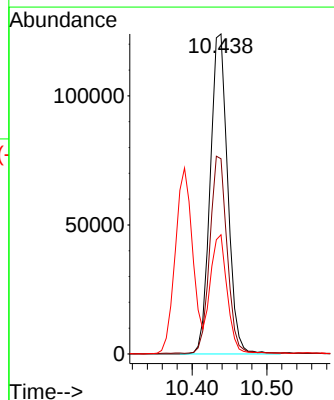
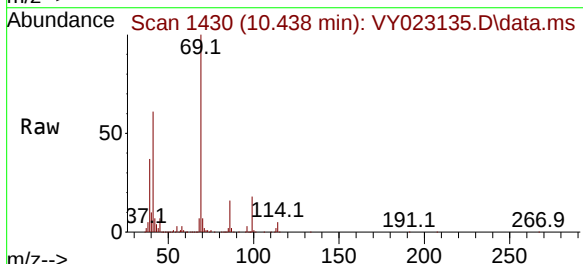
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.7	101.5
85	55.1	44.5	66.7
99	63.7	50.2	75.2

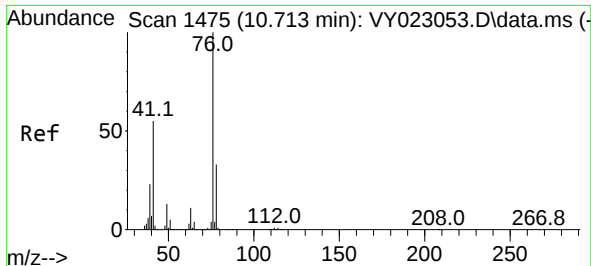


#56
Ethyl methacrylate
Concen: 45.302 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 69 Resp: 201789

Ion	Ratio	Lower	Upper
69	100		
41	61.9	48.6	72.8
39	35.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 45.582 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

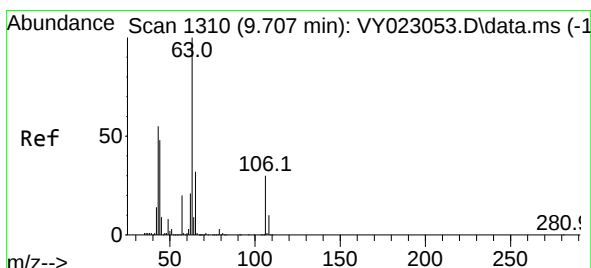
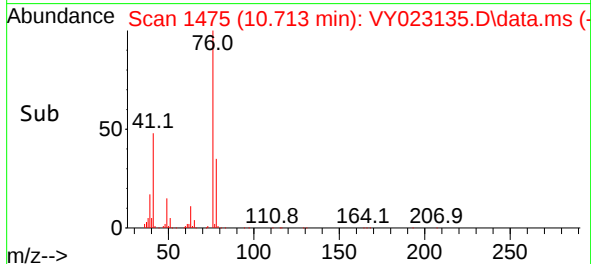
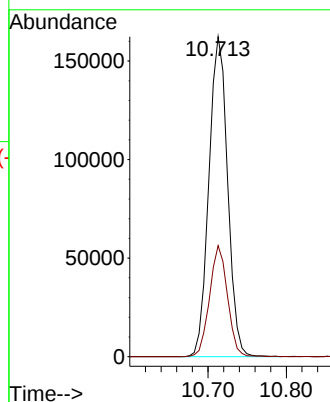
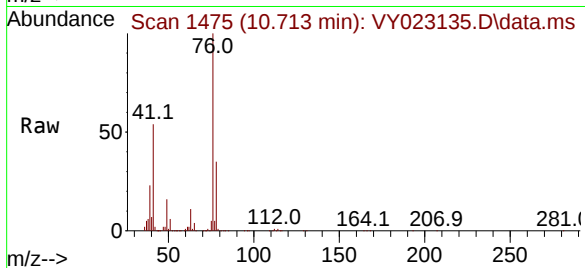
VSTDCCC050EC

Tgt Ion: 76 Resp: 269094

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 247.890 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023135.D

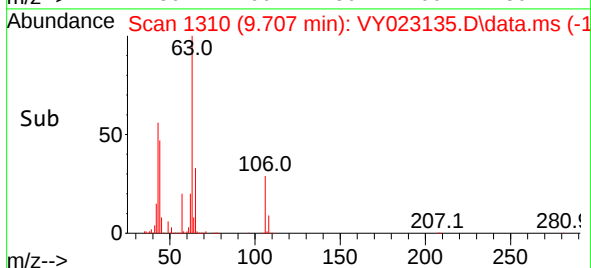
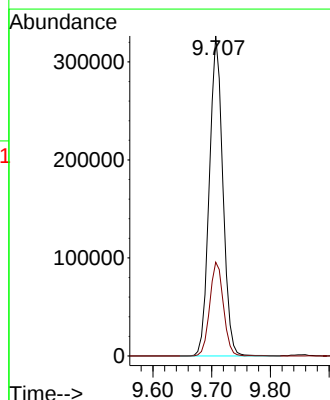
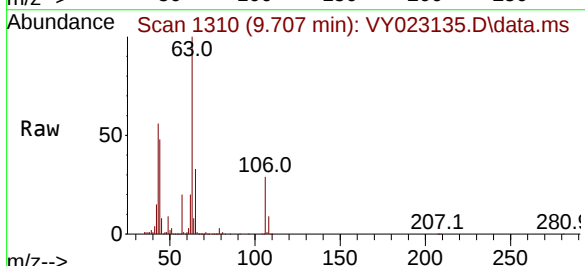
Acq: 15 Aug 2025 19:06

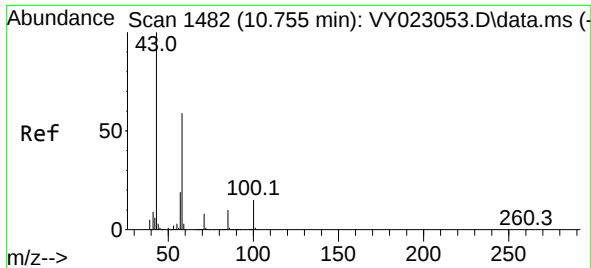
Tgt Ion: 63 Resp: 520841

Ion Ratio Lower Upper

63 100

106 29.7 23.2 34.8

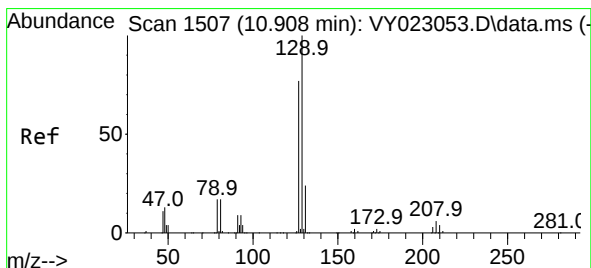
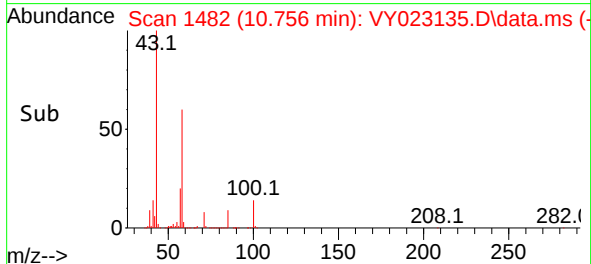
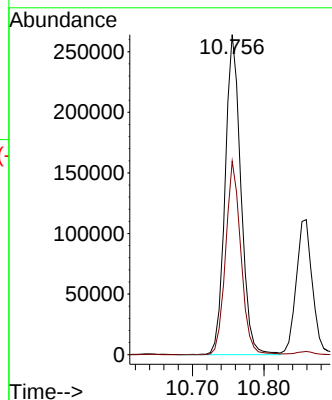
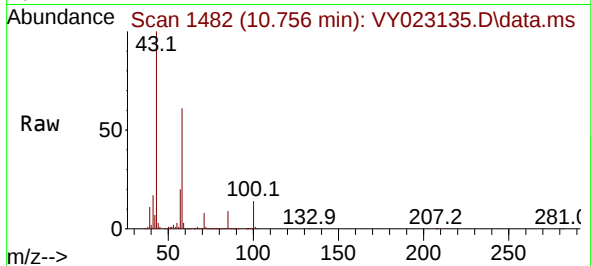




#59
2-Hexanone
Concen: 211.536 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

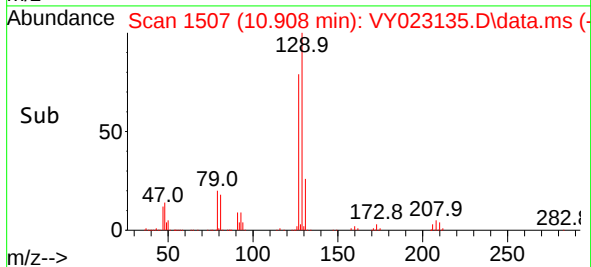
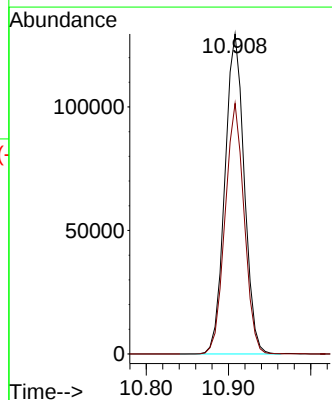
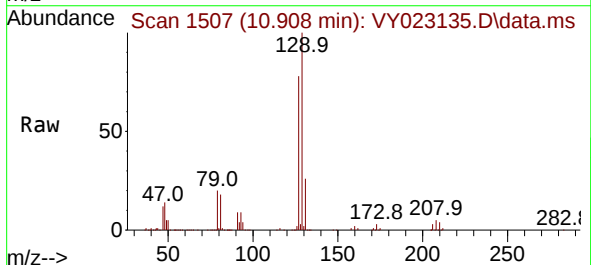
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

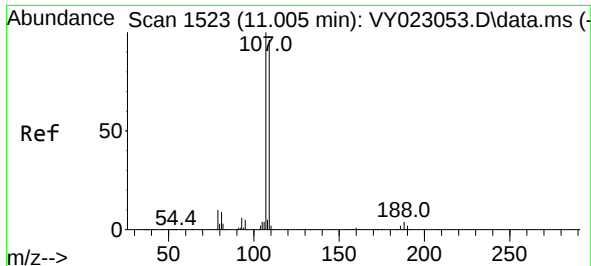
Tgt Ion: 43 Resp: 403176
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.5



#60
Dibromochloromethane
Concen: 46.058 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 129 Resp: 211553
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

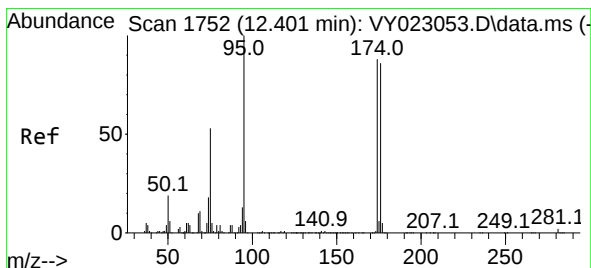
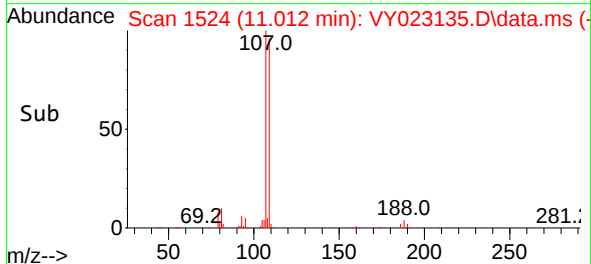
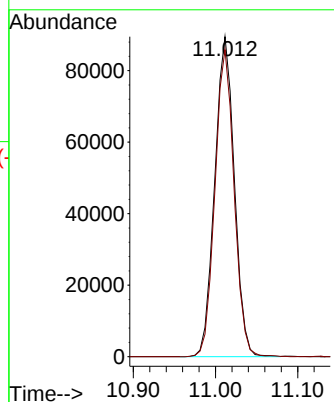
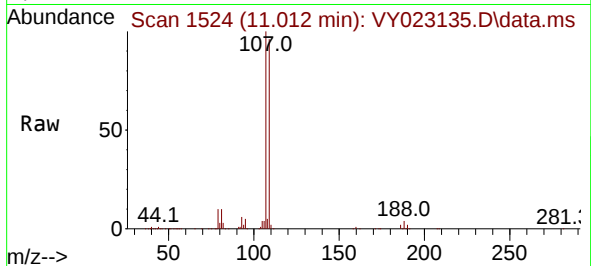




#61
1,2-Dibromoethane
Concen: 45.352 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

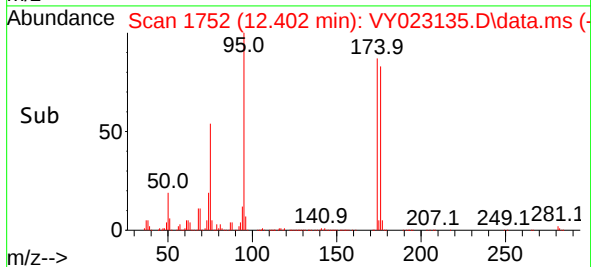
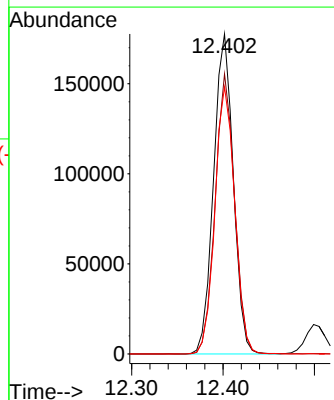
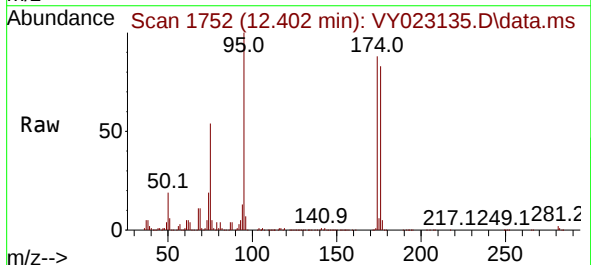
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

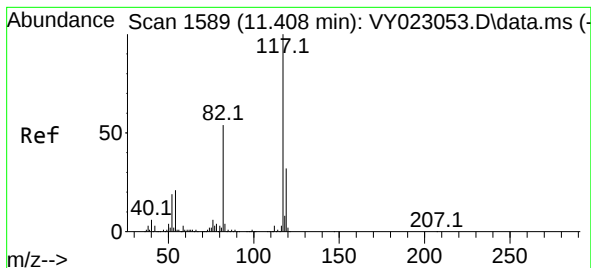
Tgt Ion:107 Resp: 148382
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.275 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 95 Resp: 266231
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 84.1 0.0 167.6

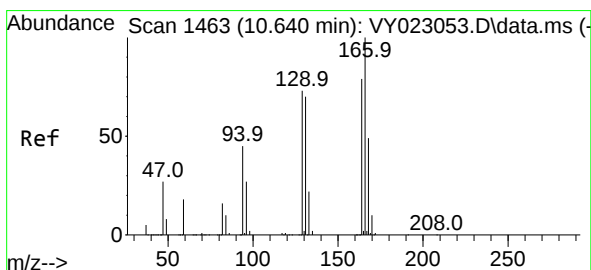
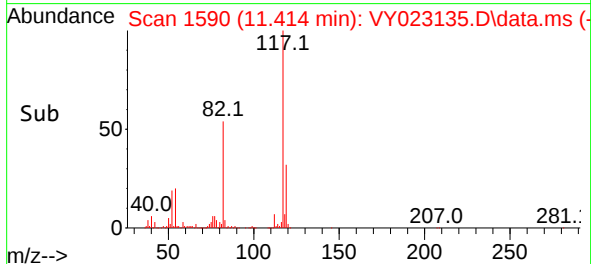
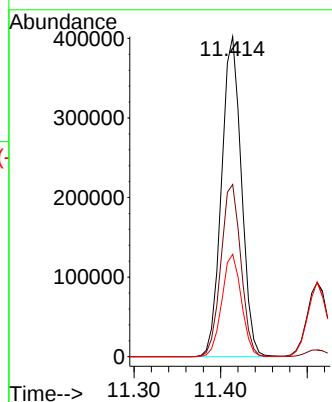
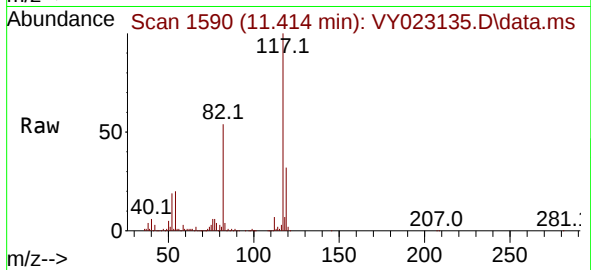




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

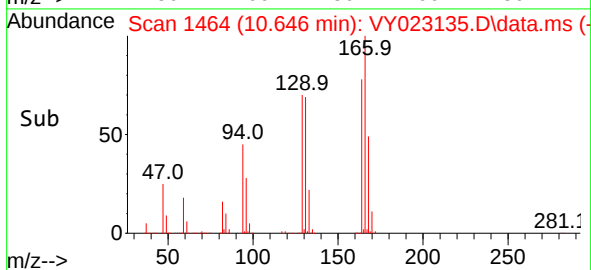
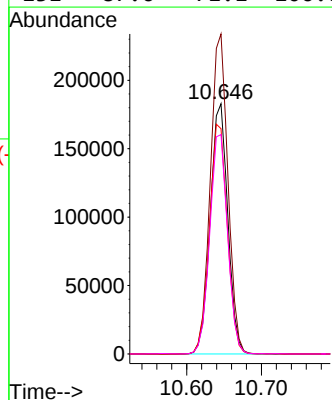
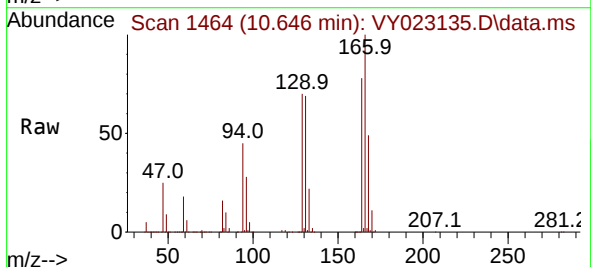
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

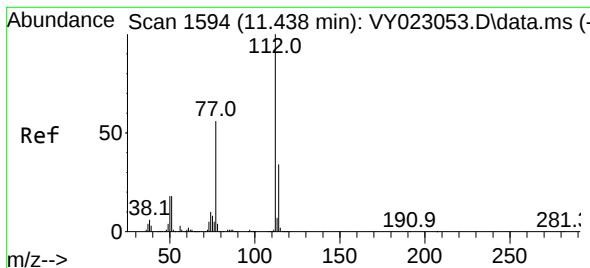
Tgt Ion:117 Resp: 640791
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 52.075 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion:164 Resp: 297964
Ion Ratio Lower Upper
164 100
166 127.9 101.1 151.7
129 90.0 74.0 111.0
131 87.6 71.1 106.7





#65

Chlorobenzene

Concen: 46.339 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

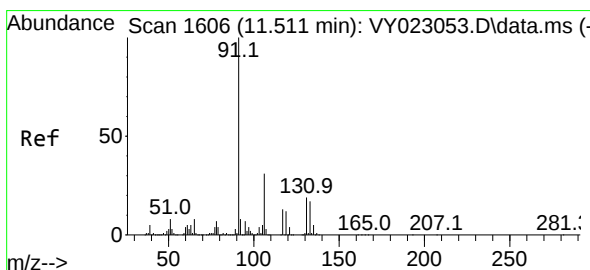
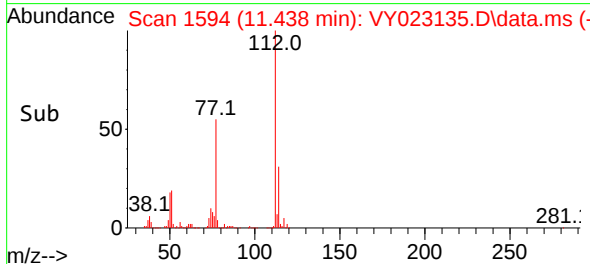
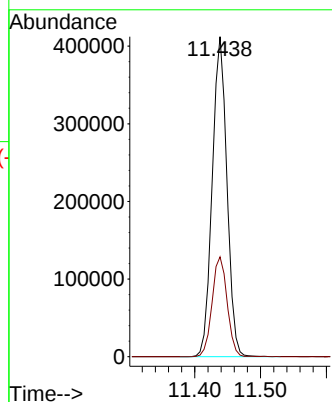
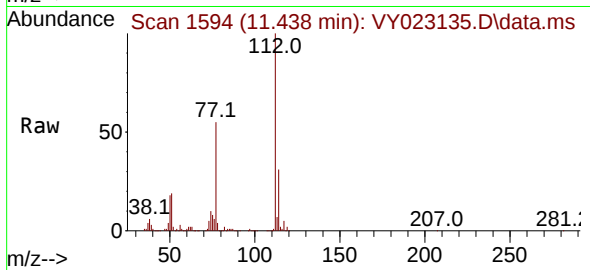
VSTDCCC050EC

Tgt Ion:112 Resp: 640496

Ion Ratio Lower Upper

112 100

114 31.2 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 46.876 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

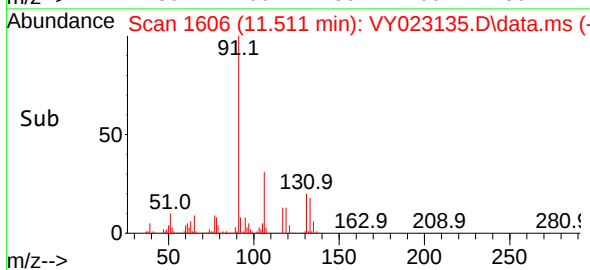
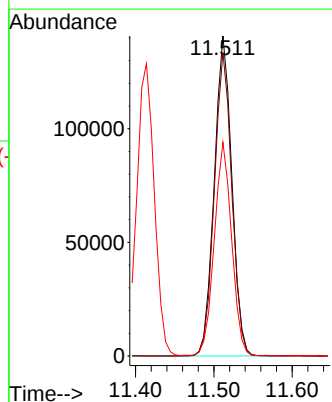
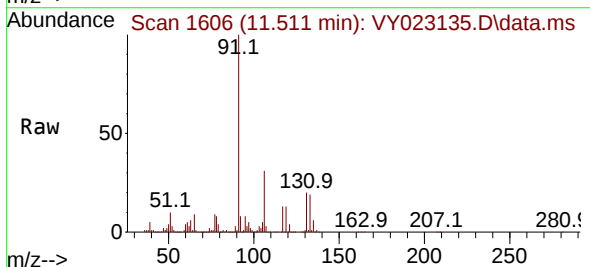
Tgt Ion:131 Resp: 219895

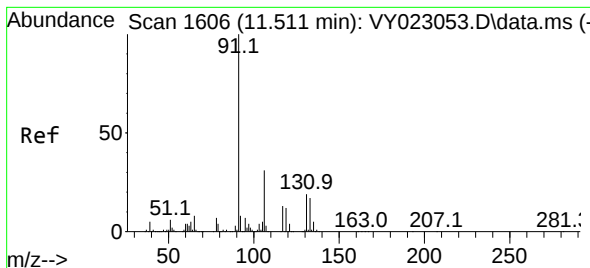
Ion Ratio Lower Upper

131 100

133 94.4 46.9 140.6

119 65.9 33.2 99.6





#67

Ethyl Benzene

Concen: 47.266 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

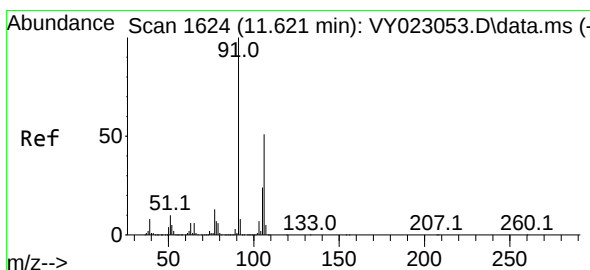
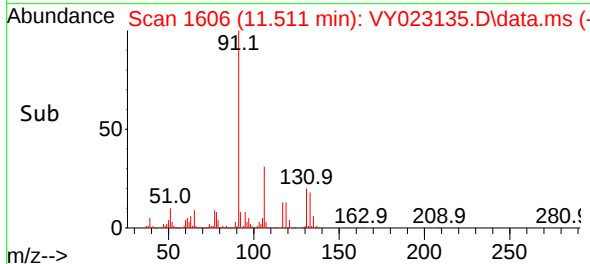
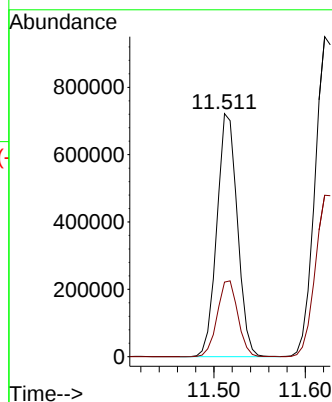
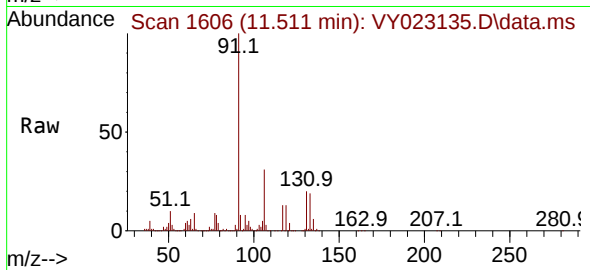
VSTDCCC050EC

Tgt Ion: 91 Resp: 1124279

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 94.610 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. 0.000 min

Lab File: VY023135.D

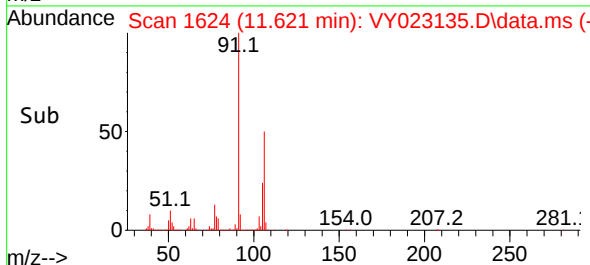
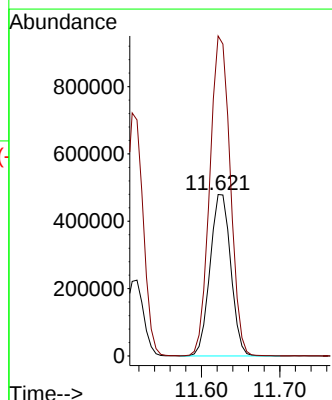
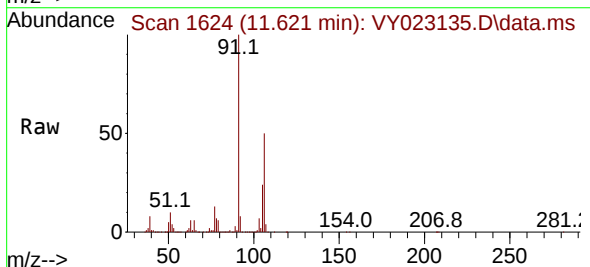
Acq: 15 Aug 2025 19:06

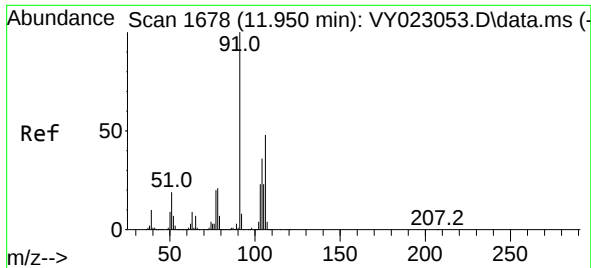
Tgt Ion: 106 Resp: 878925

Ion Ratio Lower Upper

106 100

91 196.6 158.6 238.0

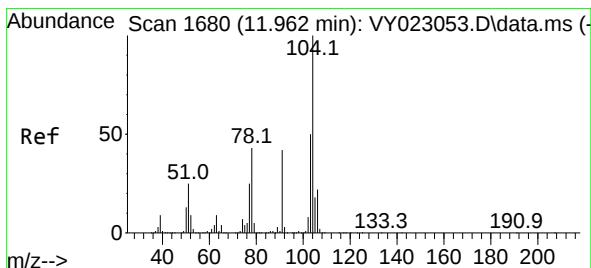
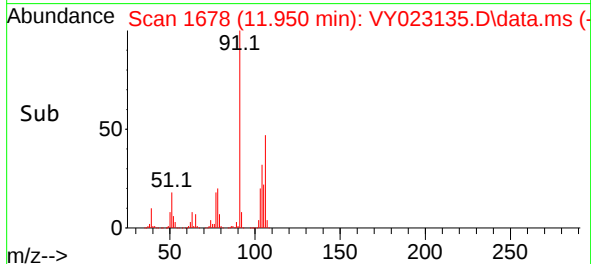
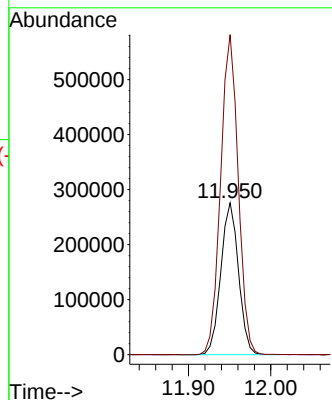
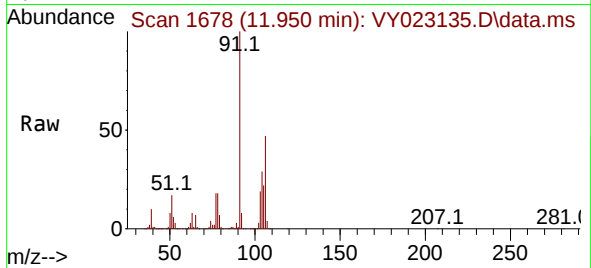




#69
o-Xylene
Concen: 47.384 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

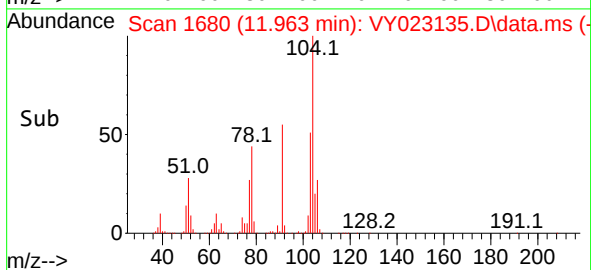
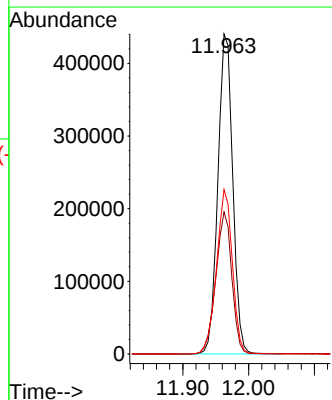
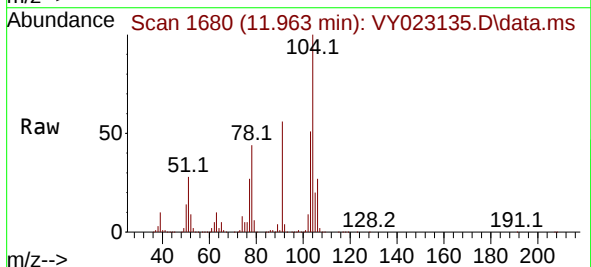
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

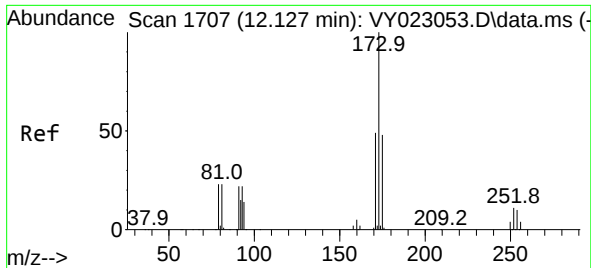
Tgt Ion:106 Resp: 412282
Ion Ratio Lower Upper
106 100
91 210.0 103.2 309.4



#70
Styrene
Concen: 48.738 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion:104 Resp: 693511
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 54.8 43.7 65.5

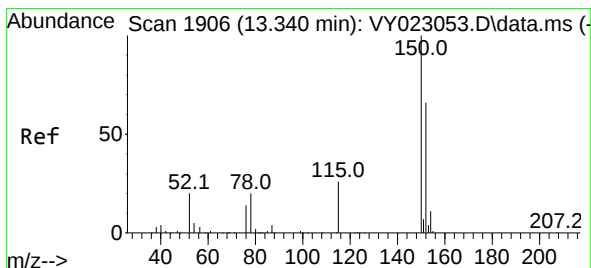
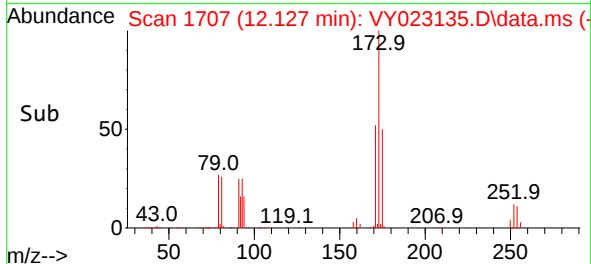
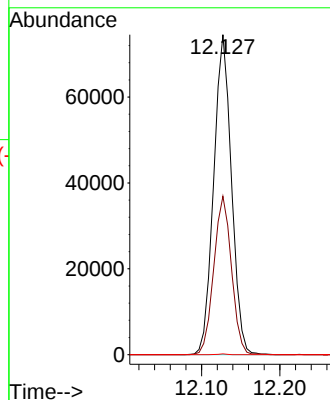
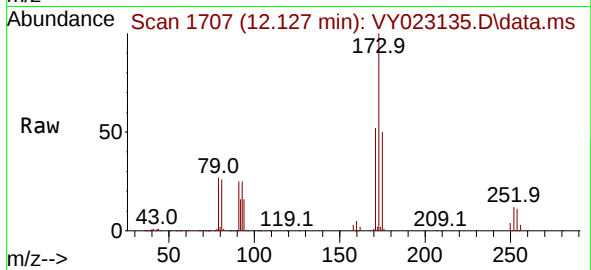




#71
Bromoform
Concen: 42.892 ug/l
RT: 12.127 min Scan# 117595
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

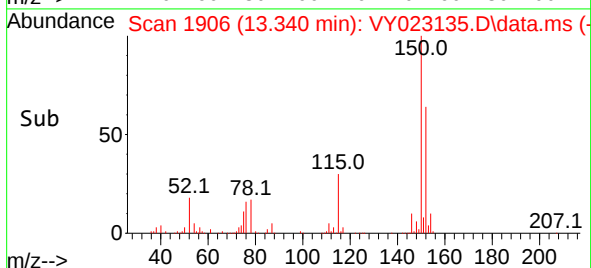
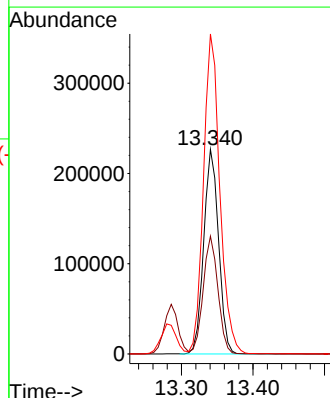
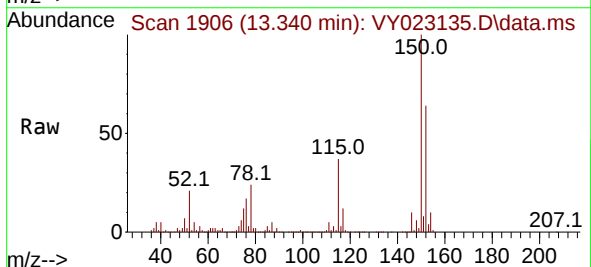
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

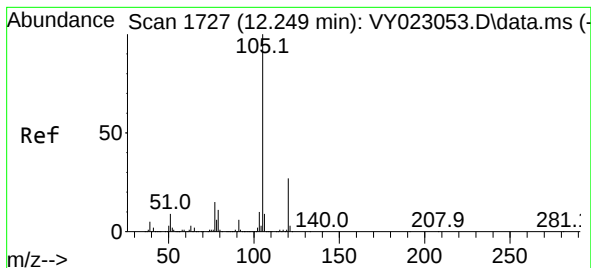
Tgt Ion:173 Resp: 117595
Ion Ratio Lower Upper
173 100
175 49.2 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion:152 Resp: 327055
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.6
150 172.0 0.0 348.0





#73

Isopropylbenzene

Concen: 46.232 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

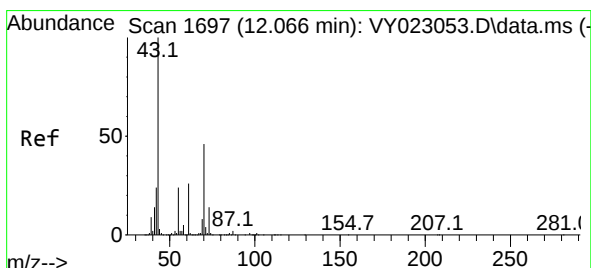
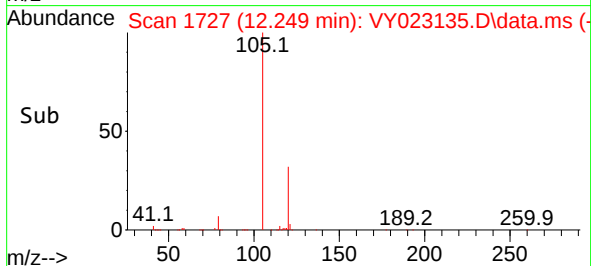
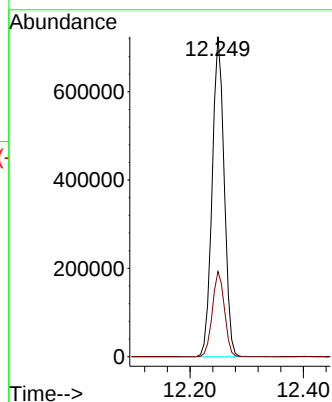
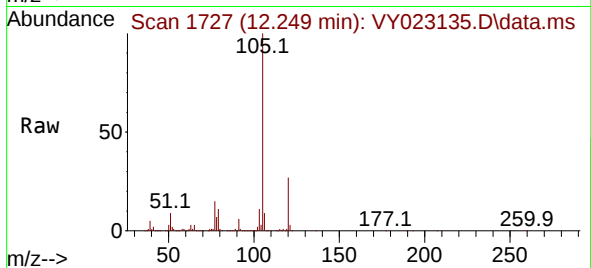
VSTDCCC050EC

Tgt Ion:105 Resp: 1067182

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 41.170 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Tgt Ion: 43 Resp: 201534

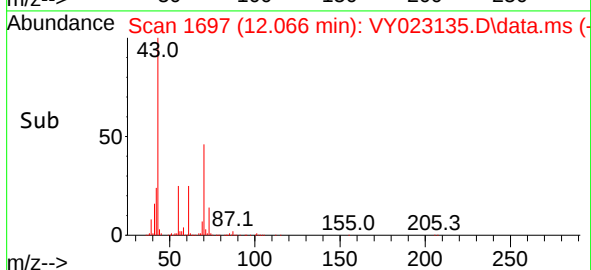
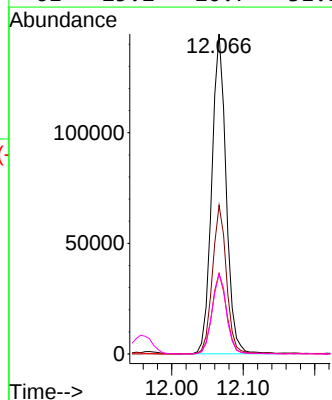
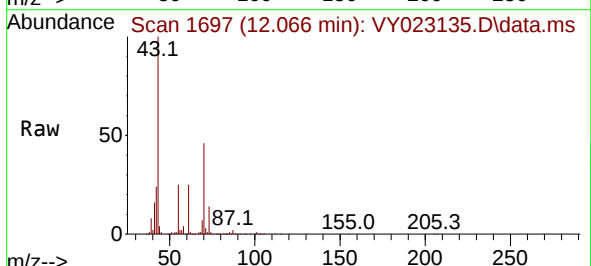
Ion Ratio Lower Upper

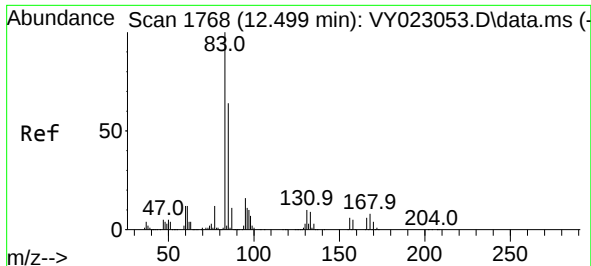
43 100

70 45.7 37.5 56.3

55 25.7 20.7 31.1

61 25.2 20.7 31.1

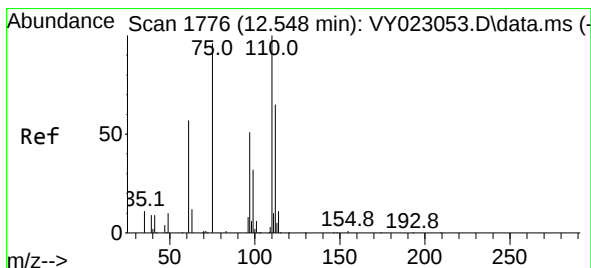
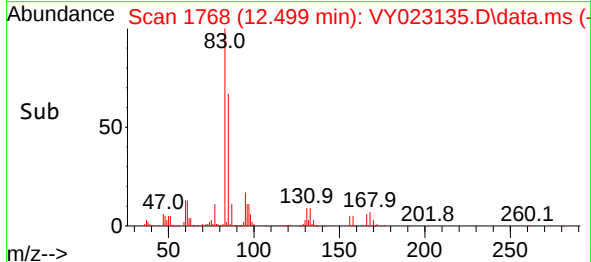
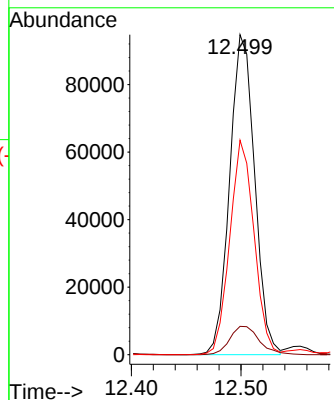
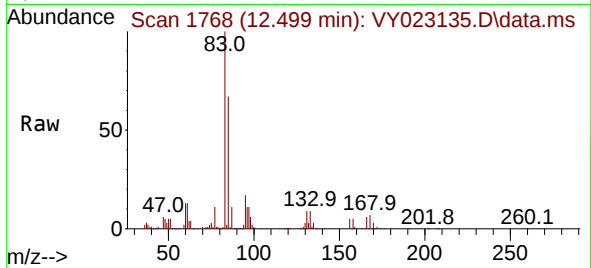




#75
1,1,2,2-Tetrachloroethane
Concen: 38.093 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

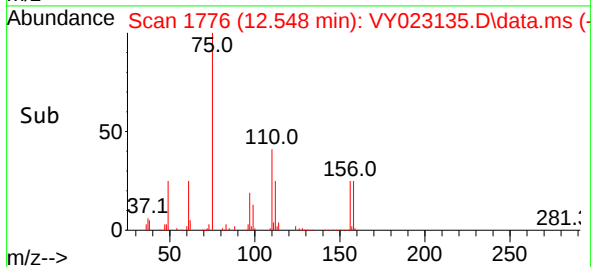
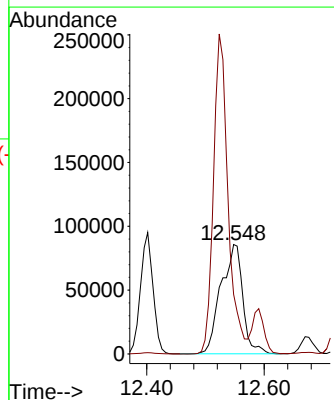
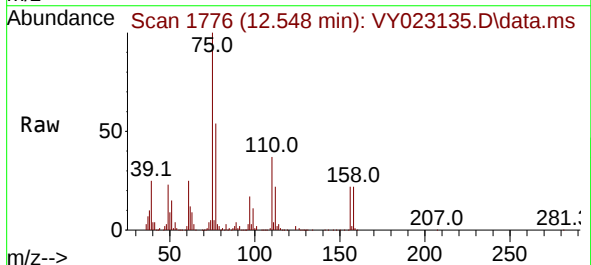
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

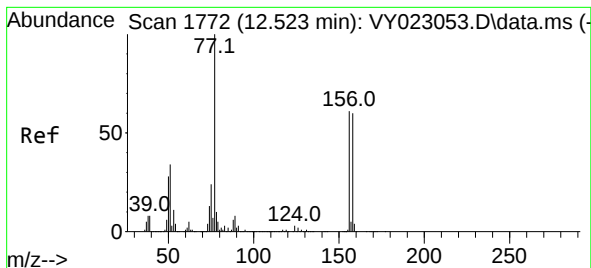
Tgt Ion: 83 Resp: 150140
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 70.064 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 75 Resp: 221151
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.080 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

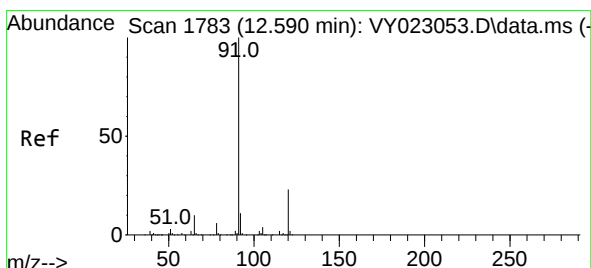
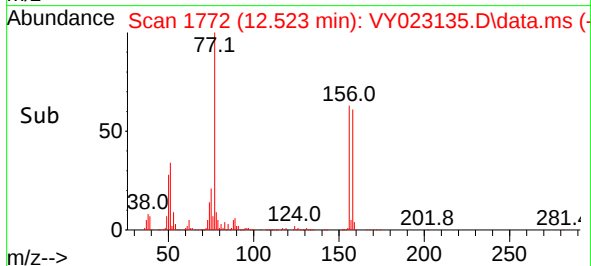
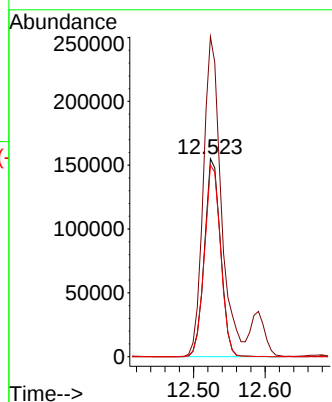
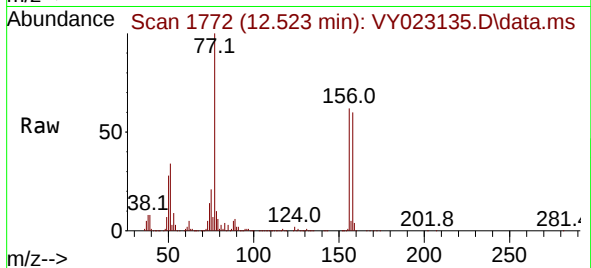
Tgt Ion:156 Resp: 242744

Ion Ratio Lower Upper

156 100

77 179.2 88.1 264.4

158 97.3 48.0 144.0



#78

n-propylbenzene

Concen: 46.593 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023135.D

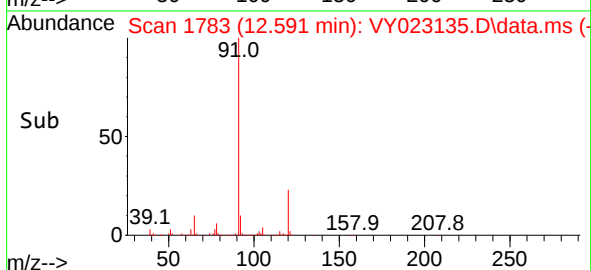
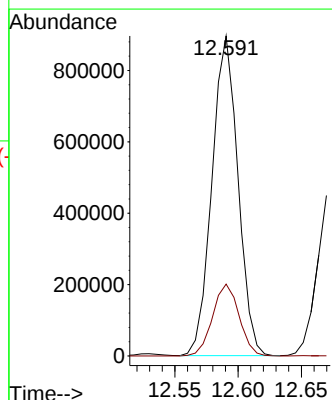
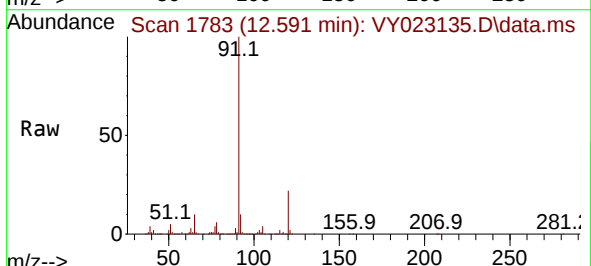
Acq: 15 Aug 2025 19:06

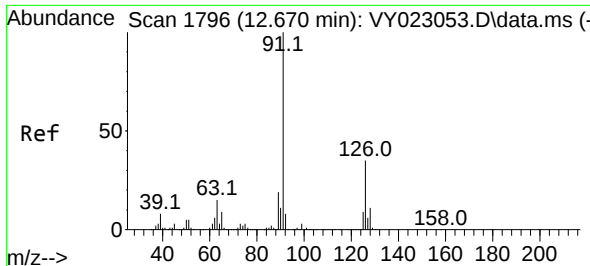
Tgt Ion: 91 Resp: 1280468

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5

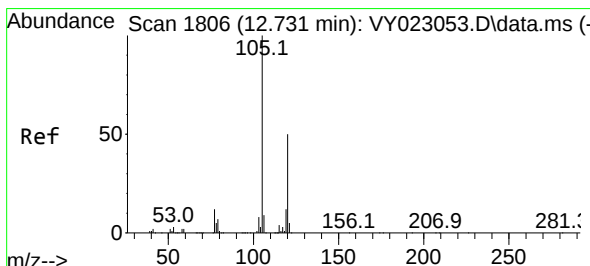
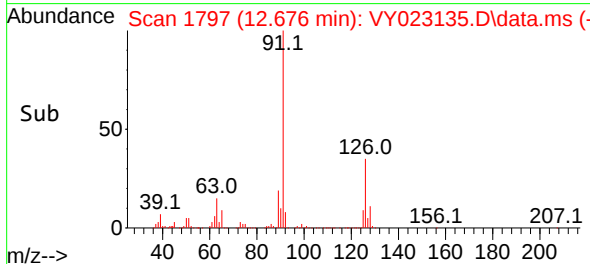
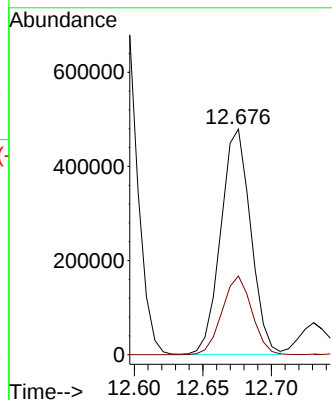
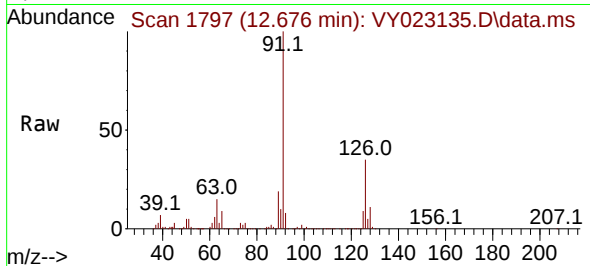




#79
2-Chlorotoluene
Concen: 46.284 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

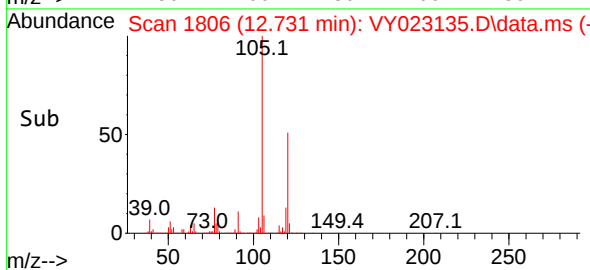
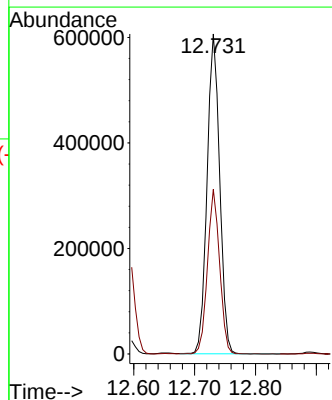
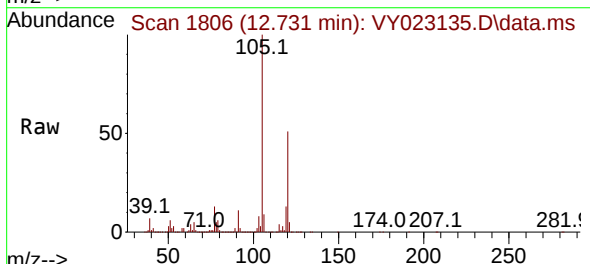
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

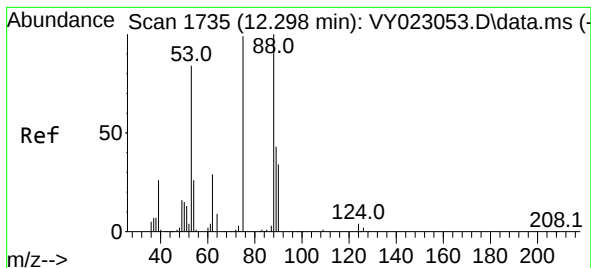
Tgt Ion: 91 Resp: 728787
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 46.663 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 105 Resp: 870525
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4

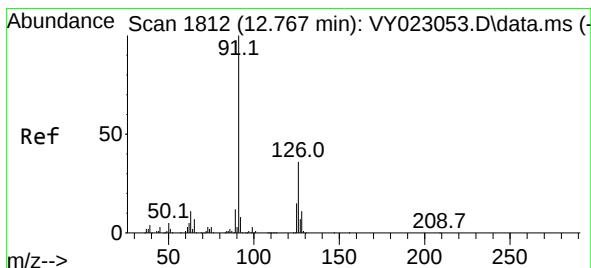
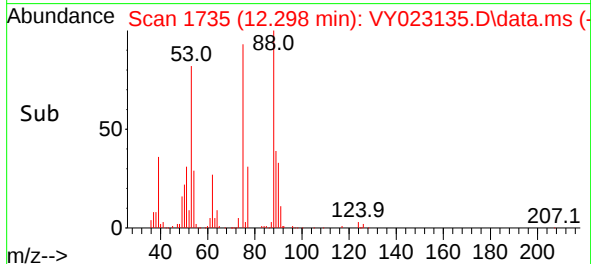
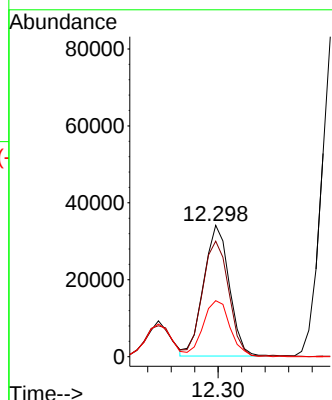
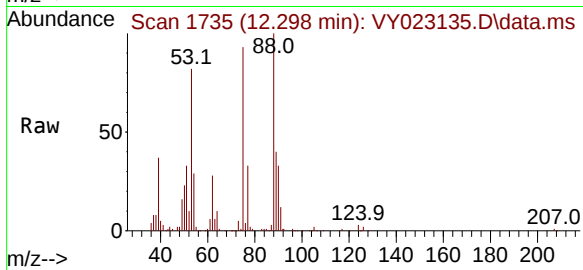




#81
trans-1,4-Dichloro-2-butene
Concen: 39.640 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

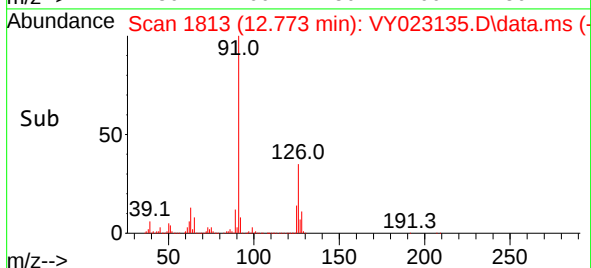
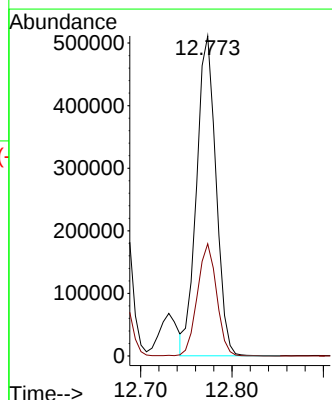
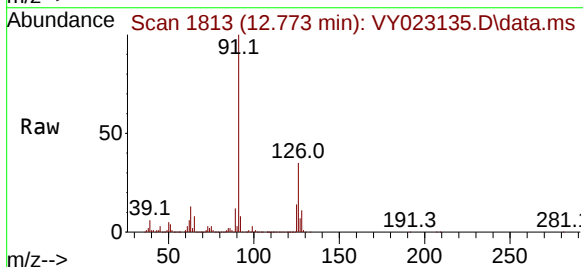
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

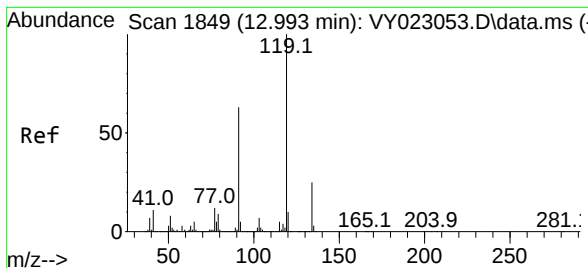
Tgt Ion: 75 Resp: 51688
Ion Ratio Lower Upper
75 100
53 89.8 70.8 106.2
89 44.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 46.196 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion: 91 Resp: 754599
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0

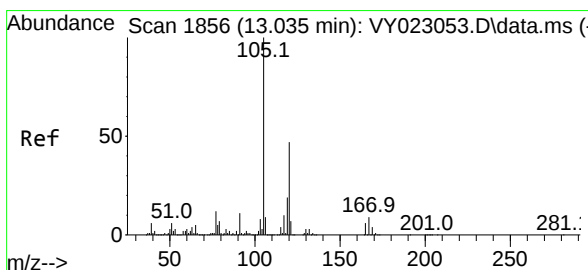
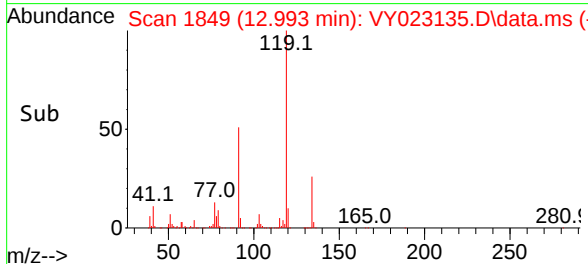
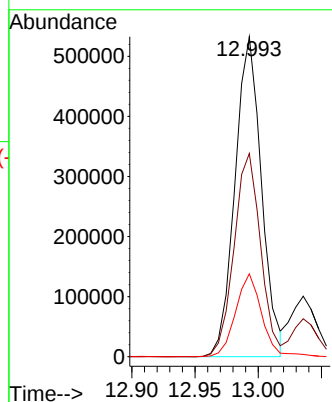
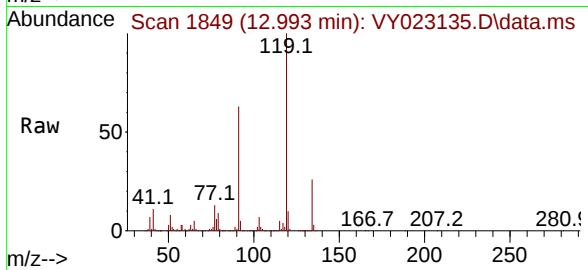




#83
tert-Butylbenzene
Concen: 46.181 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

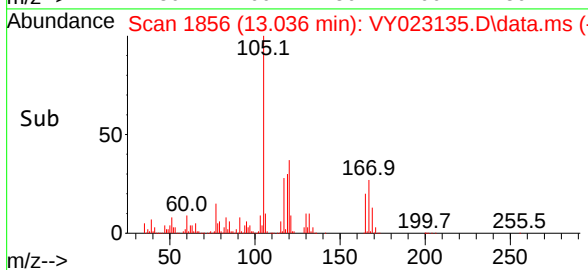
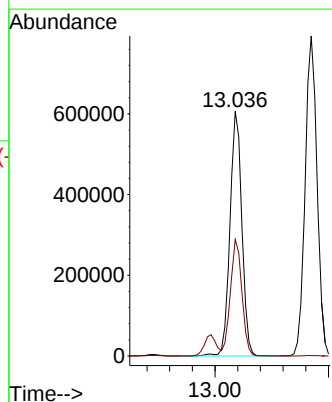
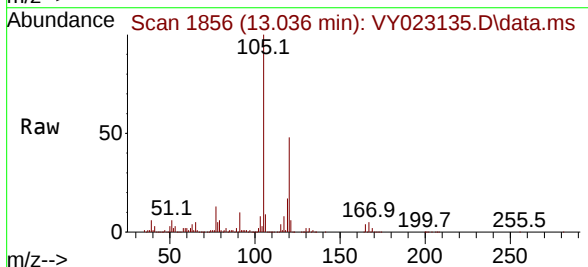
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

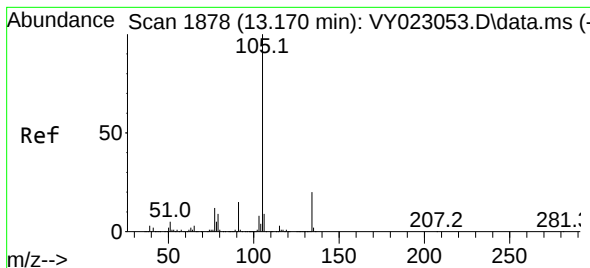
Tgt Ion:119 Resp: 778117
Ion Ratio Lower Upper
119 100
91 63.5 31.6 94.8
134 25.6 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 47.349 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VY023135.D
Acq: 15 Aug 2025 19:06

Tgt Ion:105 Resp: 879311
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0

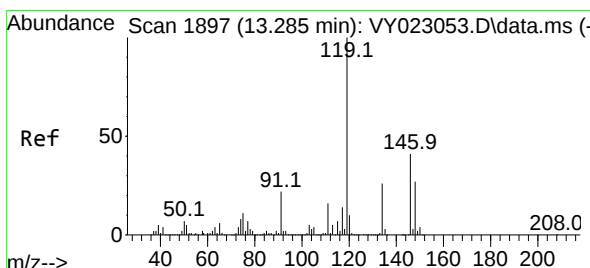
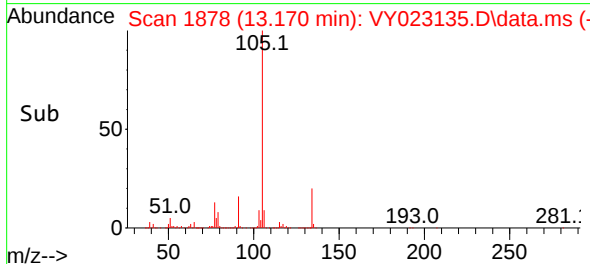
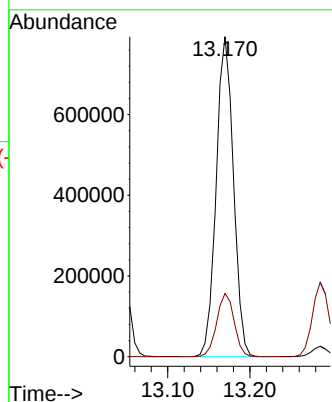
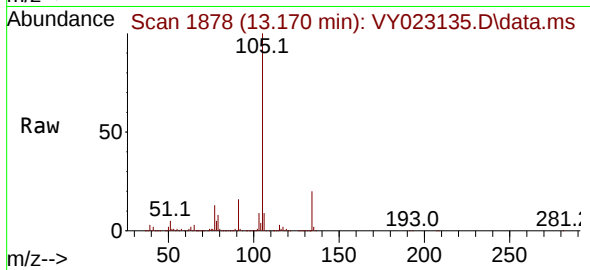




#85
 sec-Butylbenzene
 Concen: 46.712 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

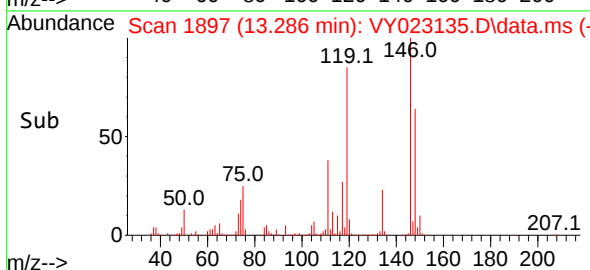
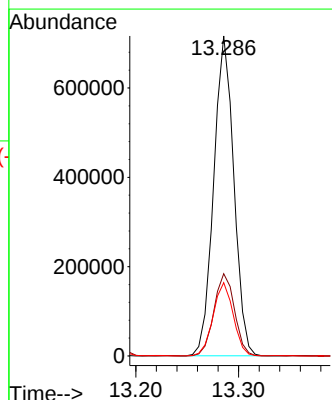
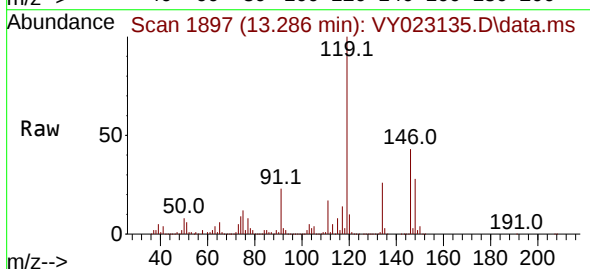
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

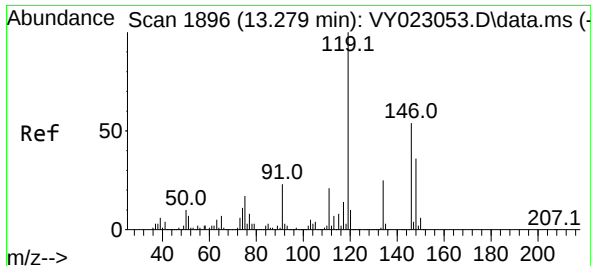
Tgt Ion:105 Resp: 1156161
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.312 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

Tgt Ion:119 Resp: 972014
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 22.9 11.3 33.8

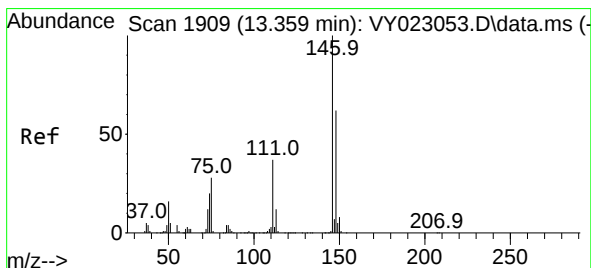
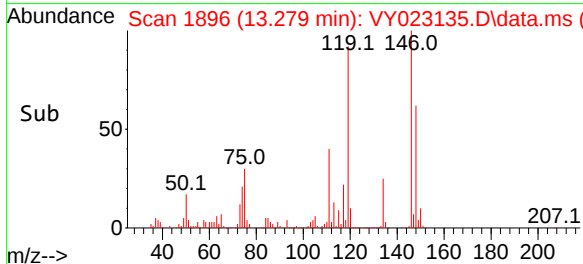
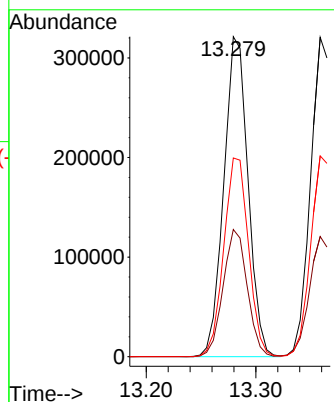
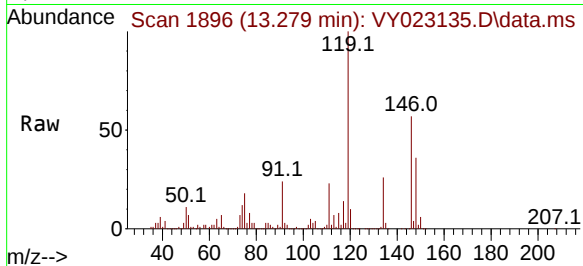




#87
 1,3-Dichlorobenzene
 Concen: 45.434 ug/l
 RT: 13.279 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

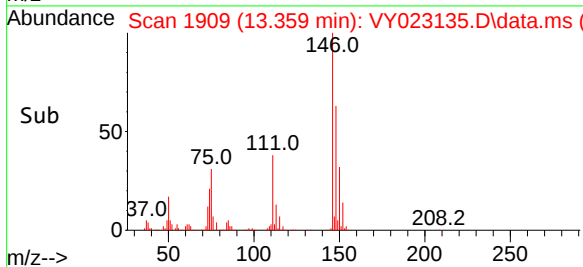
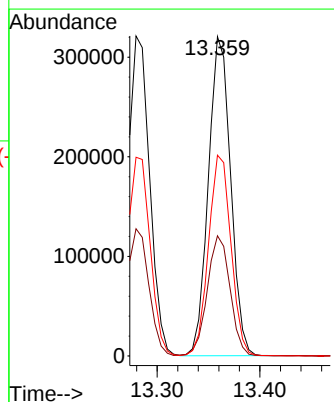
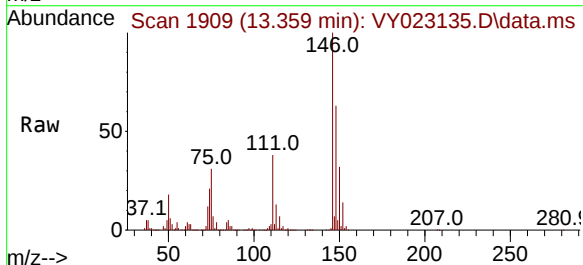
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

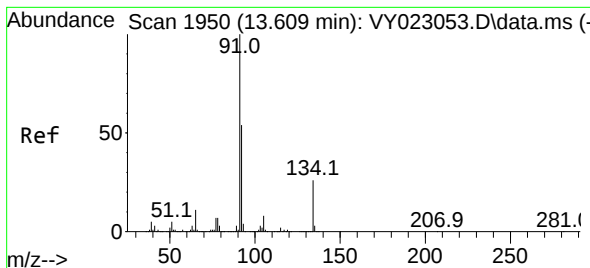
Tgt Ion:146 Resp: 493403
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 63.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 44.832 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

Tgt Ion:146 Resp: 482971
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.1
 148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 46.994 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

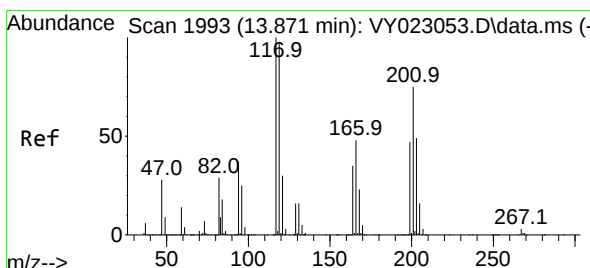
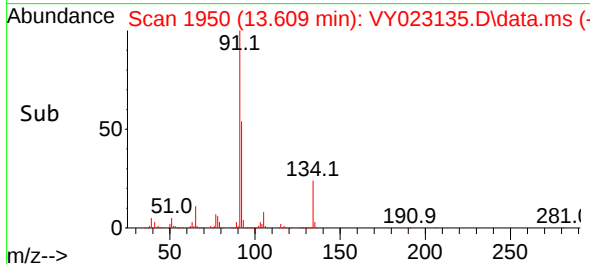
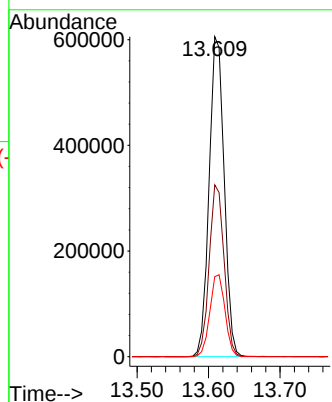
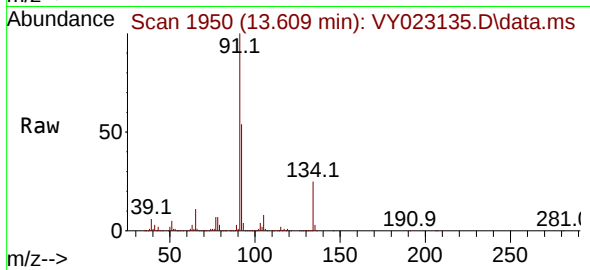
Tgt Ion: 91 Resp: 886753

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.7

134 25.7 13.2 39.5



#90

Hexachloroethane

Concen: 45.913 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023135.D

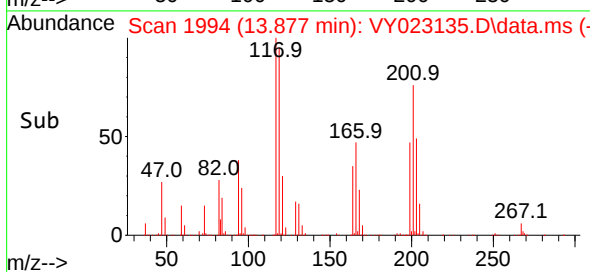
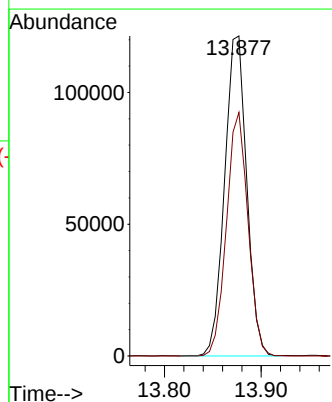
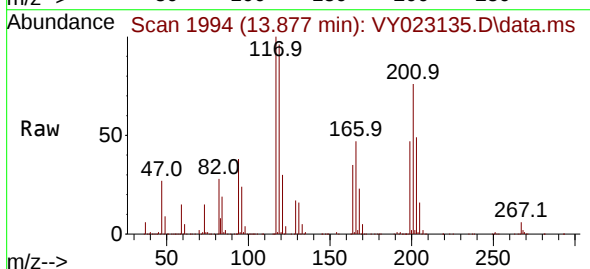
Acq: 15 Aug 2025 19:06

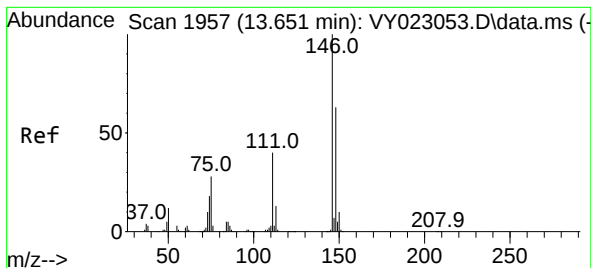
Tgt Ion: 117 Resp: 193098

Ion Ratio Lower Upper

117 100

201 73.9 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 45.320 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

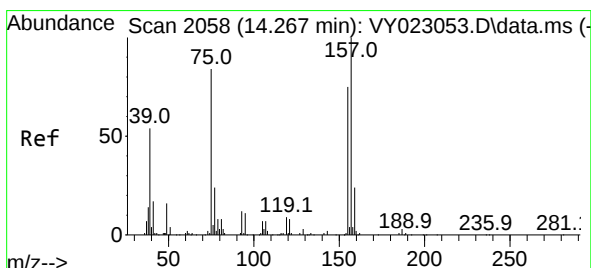
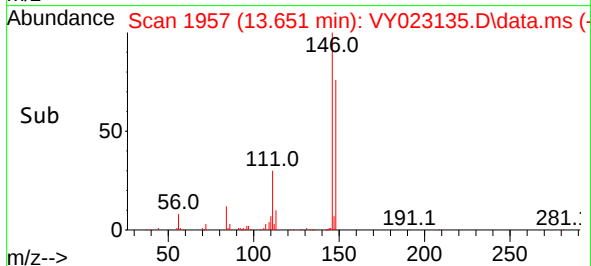
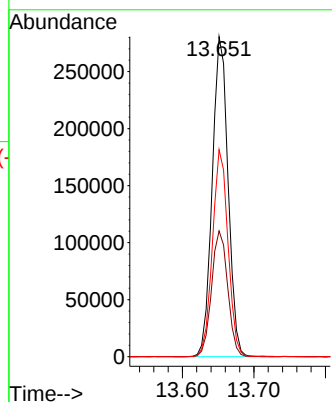
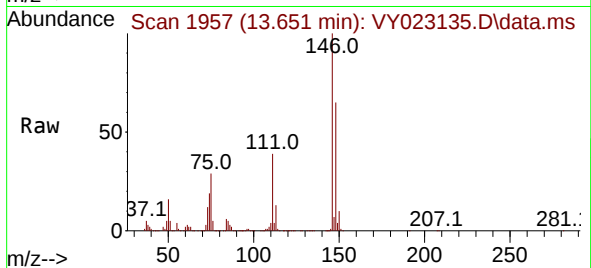
Tgt Ion:146 Resp: 431633

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 63.6 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.044 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

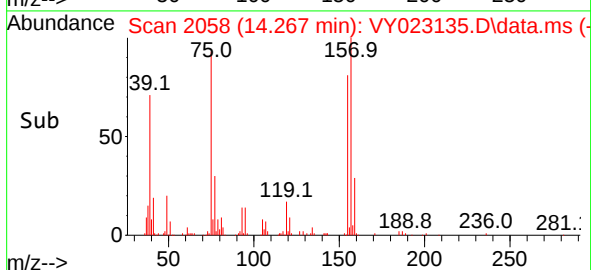
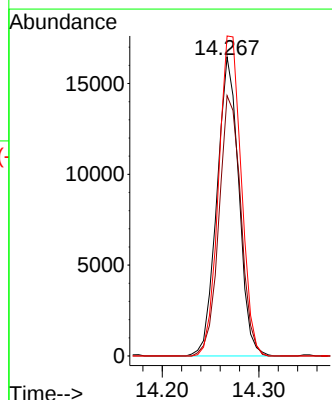
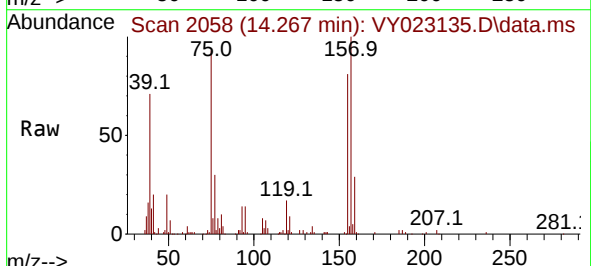
Tgt Ion: 75 Resp: 25801

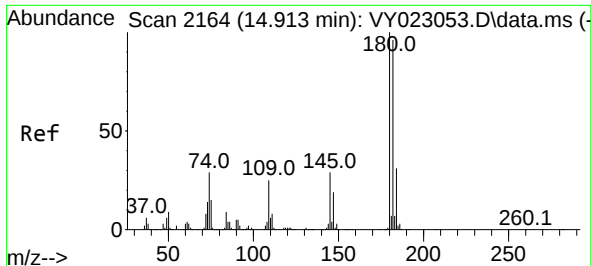
Ion Ratio Lower Upper

75 100

155 86.8 43.9 131.6

157 110.5 57.2 171.6

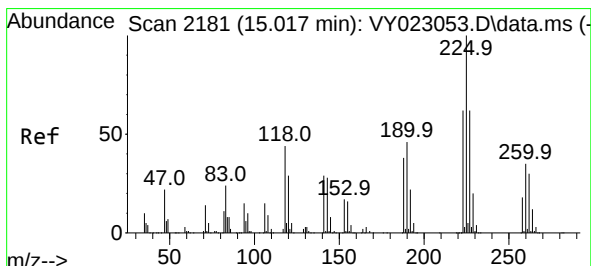
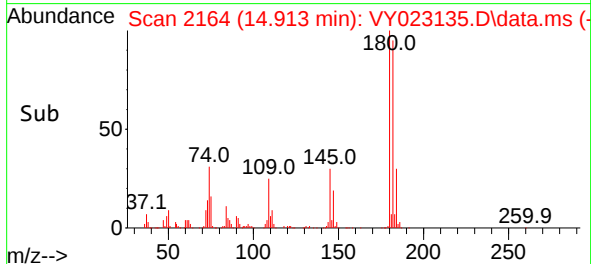
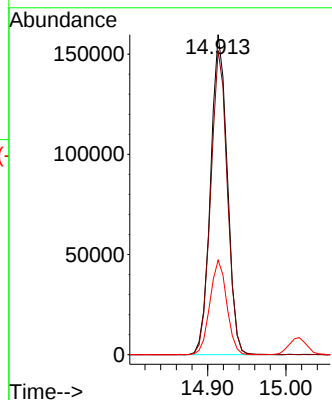
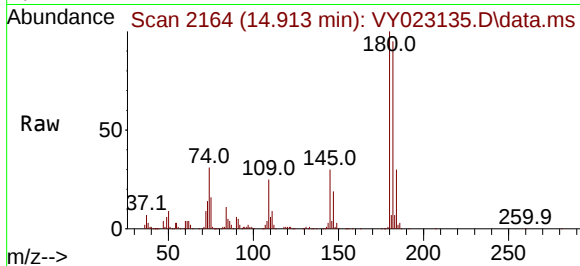




#93
 1,2,4-Trichlorobenzene
 Concen: 41.942 ug/l
 RT: 14.913 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

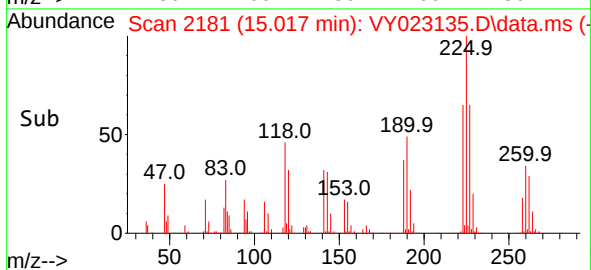
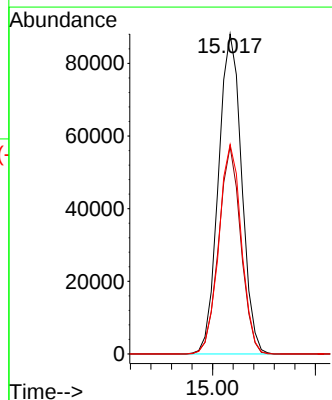
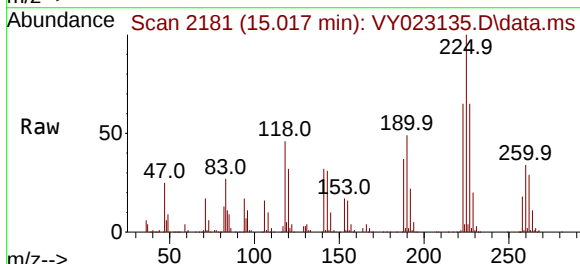
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

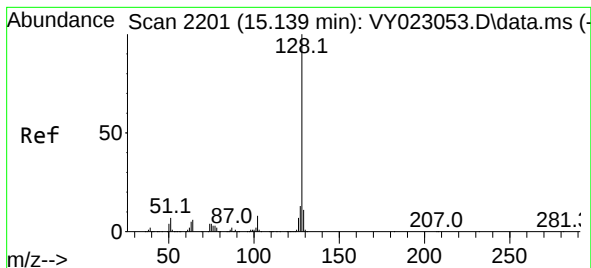
Tgt Ion:180 Resp: 236226
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.8 140.4
 145 29.7 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 41.632 ug/l
 RT: 15.017 min Scan# 2181
 Delta R.T. 0.000 min
 Lab File: VY023135.D
 Acq: 15 Aug 2025 19:06

Tgt Ion:225 Resp: 137786
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 63.8 31.5 94.5





#95

Naphthalene

Concen: 43.007 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

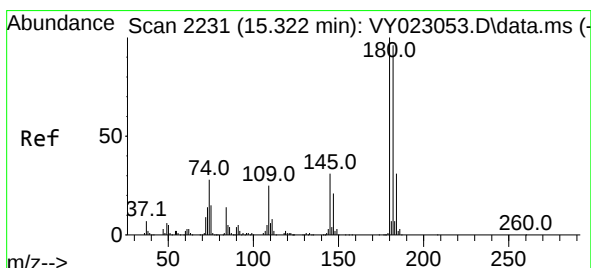
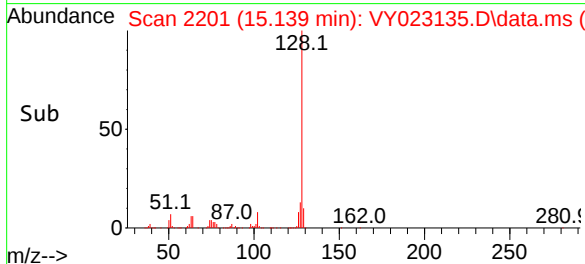
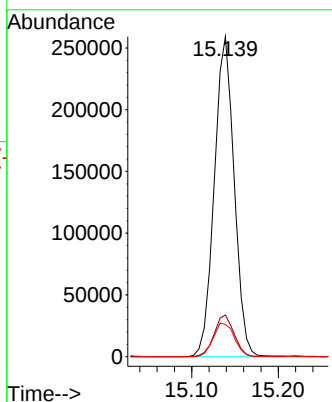
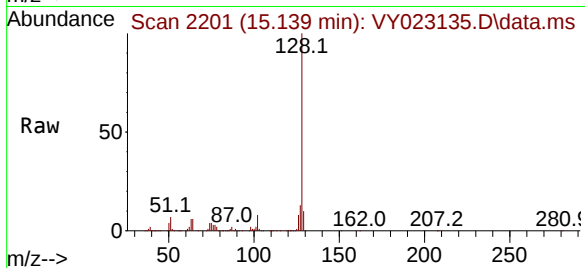
Tgt Ion:128 Resp: 413036

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 42.272 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023135.D

Acq: 15 Aug 2025 19:06

Tgt Ion:180 Resp: 205156

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 31.2 15.9 47.7

