

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY023000.D
 Acq On : 18 Jul 2025 16:00
 Operator : SY/MD
 Sample : VY01718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 02:12:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	441498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	726763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	622024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	290368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	235302	52.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.300%	
35) Dibromofluoromethane	7.634	113	223340	48.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.900%	
50) Toluene-d8	10.103	98	862393	47.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.340%	
62) 4-Bromofluorobenzene	12.401	95	265634	46.158	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	74744	19.938	ug/l	96
3) Chloromethane	2.068	50	143371	22.492	ug/l	99
4) Vinyl Chloride	2.202	62	169689	21.012	ug/l	98
5) Bromomethane	2.592	94	143171	24.564	ug/l	96
6) Chloroethane	2.732	64	116712	21.639	ug/l	94
7) Trichlorofluoromethane	3.049	101	199294	21.259	ug/l	97
8) Diethyl Ether	3.452	74	54948	22.395	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	99505	20.206	ug/l	100
10) Methyl Iodide	4.000	142	92236	18.029	ug/l	98
11) Tert butyl alcohol	4.860	59	33272	123.093	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	95020	20.254	ug/l	97
13) Acrolein	3.653	56	21072	165.903	ug/l	99
14) Allyl chloride	4.378	41	145884	20.411	ug/l	98
15) Acrylonitrile	5.061	53	110719	119.137	ug/l	97
16) Acetone	3.866	43	97170	119.939	ug/l	100
17) Carbon Disulfide	4.104	76	288599	20.298	ug/l	98
18) Methyl Acetate	4.391	43	58402	21.292	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	254006	22.573	ug/l	98
20) Methylene Chloride	4.616	84	149748	21.534	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	107229	20.533	ug/l	97
22) Diisopropyl ether	6.018	45	331682	21.875	ug/l	96
23) Vinyl Acetate	5.957	43	910154	119.130	ug/l	97
24) 1,1-Dichloroethane	5.915	63	200869	21.091	ug/l	99
25) 2-Butanone	6.890	43	140232	120.655	ug/l	98
26) 2,2-Dichloropropane	6.878	77	165662	19.848	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	125924	20.923	ug/l	99
28) Bromochloromethane	7.238	49	80178	21.706	ug/l	97
29) Tetrahydrofuran	7.262	42	87651	119.115	ug/l	99
30) Chloroform	7.415	83	200917	20.913	ug/l	98
31) Cyclohexane	7.701	56	175169	19.685	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	179081	20.544	ug/l	99
36) 1,1-Dichloropropene	7.835	75	144552	19.906	ug/l	99
37) Ethyl Acetate	6.982	43	65064	24.125	ug/l	97
38) Carbon Tetrachloride	7.817	117	152517	19.332	ug/l	99
39) Methylcyclohexane	9.109	83	181502	19.311	ug/l	98
40) Benzene	8.079	78	447067	20.447	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32685	22.247	ug/l	94
42) 1,2-Dichloroethane	8.158	62	121246	22.289	ug/l	100
43) Isopropyl Acetate	8.195	43	125867	23.495	ug/l #	86
44) Trichloroethene	8.865	130	109088	19.425	ug/l	98
45) 1,2-Dichloropropane	9.140	63	105365	20.636	ug/l	100
46) Dibromomethane	9.231	93	57491	21.784	ug/l	98
47) Bromodichloromethane	9.420	83	153006	20.974	ug/l	99
48) Methyl methacrylate	9.219	41	56963	22.024	ug/l	97
49) 1,4-Dioxane	9.225	88	13277	477.259	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	321913	118.388	ug/l	100
52) Toluene	10.170	92	276910	20.370	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	132598	21.174	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	156932	20.791	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	76101	21.939	ug/l	98
56) Ethyl methacrylate	10.438	69	96413	22.265	ug/l	99
57) 1,3-Dichloropropane	10.713	76	132512	22.114	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	227470	107.314	ug/l	99
59) 2-Hexanone	10.755	43	211344	118.246	ug/l	99
60) Dibromochloromethane	10.908	129	98399	21.663	ug/l	100
61) 1,2-Dibromoethane	11.011	107	70161	22.273	ug/l	98
64) Tetrachloroethene	10.646	164	118268	18.602	ug/l	99
65) Chlorobenzene	11.438	112	291672	19.871	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	99858	19.946	ug/l	98
67) Ethyl Benzene	11.517	91	500539	19.239	ug/l	98
68) m/p-Xylenes	11.627	106	383842	38.465	ug/l	99
69) o-Xylene	11.950	106	178419	19.266	ug/l	99
70) Styrene	11.962	104	299288	19.729	ug/l	99
71) Bromoform	12.127	173	53773	21.158	ug/l #	100
73) Isopropylbenzene	12.249	105	469340	19.065	ug/l	100
74) N-amyl acetate	12.066	43	106978	23.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	79332	22.268	ug/l	100
76) 1,2,3-Trichloropropane	12.548	75	109767	30.337	ug/l #	100
77) Bromobenzene	12.529	156	105831	19.821	ug/l	98
78) n-propylbenzene	12.590	91	571745	19.503	ug/l	99
79) 2-Chlorotoluene	12.676	91	322963	19.588	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	377356	19.435	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	26176	21.548	ug/l	100
82) 4-Chlorotoluene	12.773	91	328021	19.725	ug/l	99
83) tert-Butylbenzene	12.993	119	331779	18.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	377381	19.745	ug/l	99
85) sec-Butylbenzene	13.170	105	497483	18.928	ug/l	100
86) p-Isopropyltoluene	13.285	119	411364	19.271	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	208525	19.352	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	208199	19.973	ug/l	99
89) n-Butylbenzene	13.609	91	380572	19.321	ug/l	100
90) Hexachloroethane	13.871	117	85123	19.261	ug/l	100
91) 1,2-Dichlorobenzene	13.651	146	184064	20.251	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12175	23.016	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	100139	20.902	ug/l	98
94) Hexachlorobutadiene	15.017	225	59205	19.601	ug/l	99
95) Naphthalene	15.139	128	170744	22.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	85911	21.717	ug/l	97

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

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Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

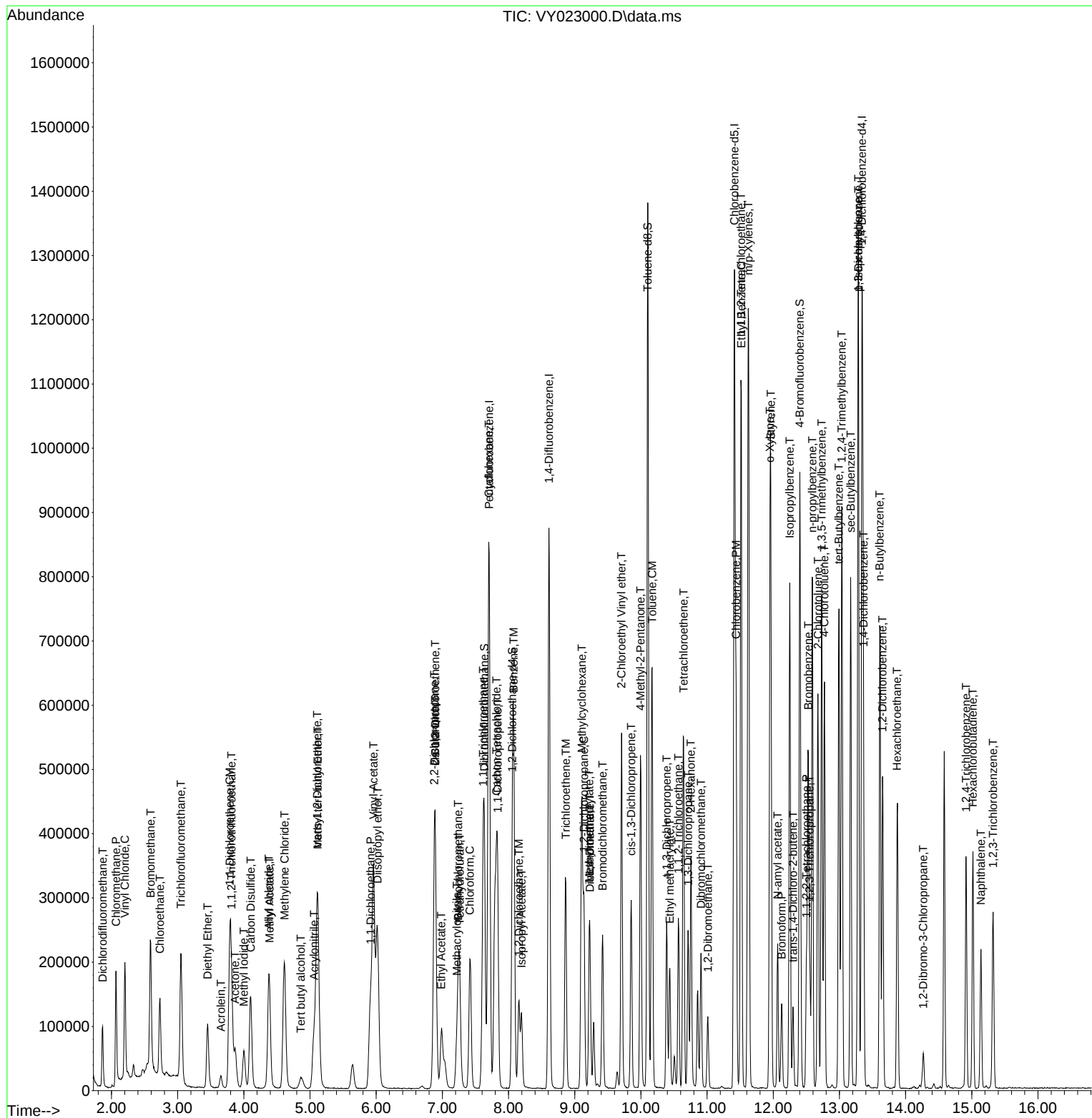
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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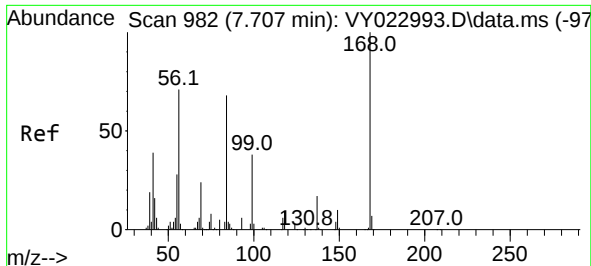
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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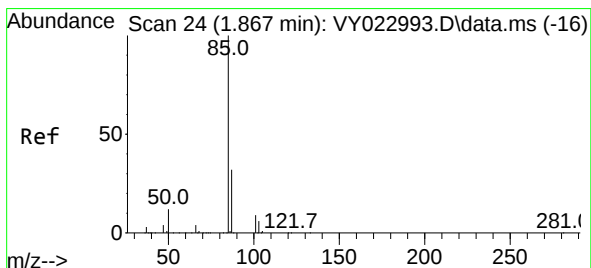
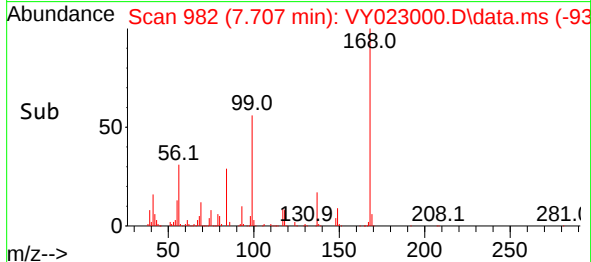
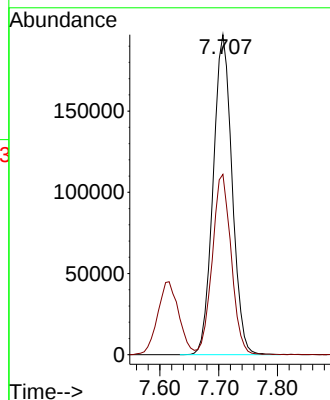
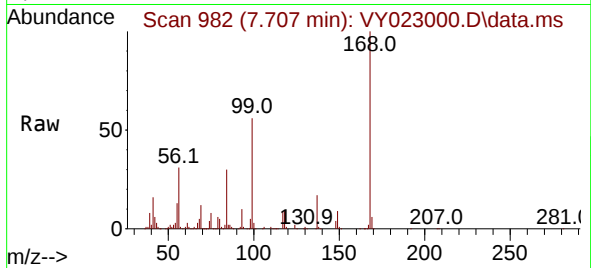




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

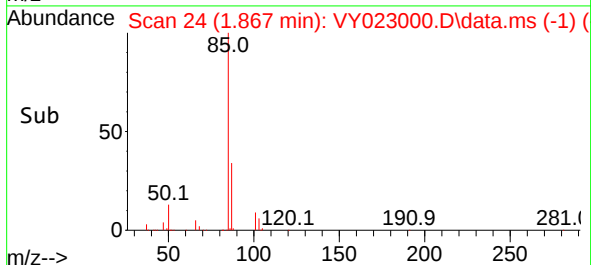
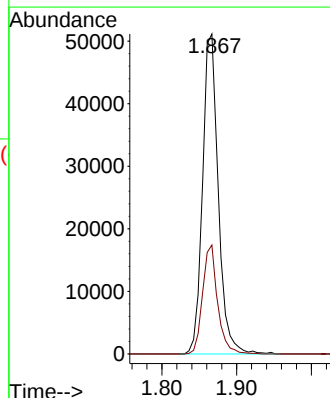
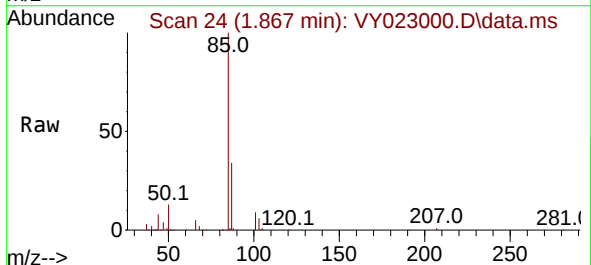
Instrument :
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ClientSampleId :
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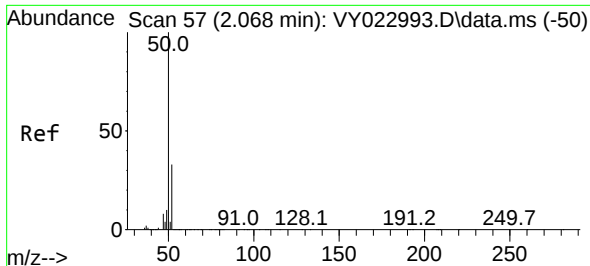
Tgt Ion:168 Resp: 441498
Ion Ratio Lower Upper
168 100
99 56.3 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 19.938 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 85 Resp: 74744
Ion Ratio Lower Upper
85 100
87 34.1 16.0 47.9

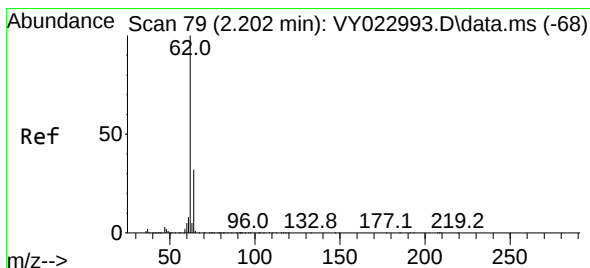
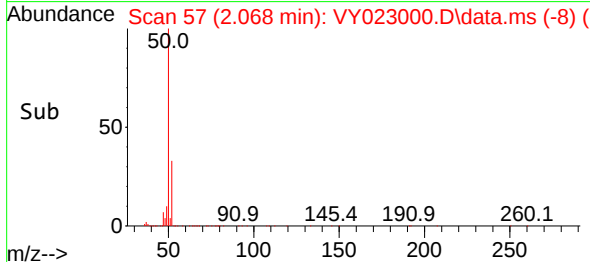
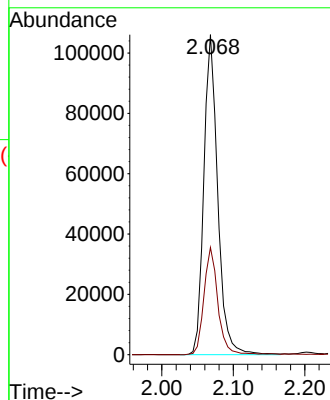
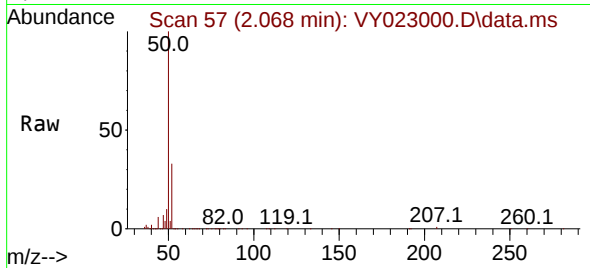




#3
Chloromethane
Concen: 22.492 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

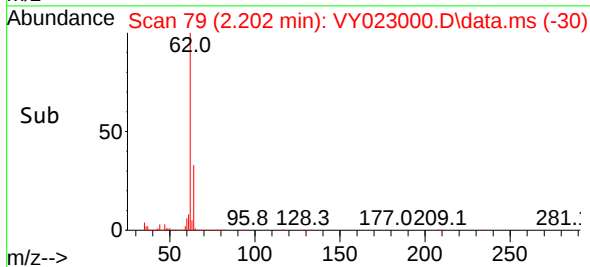
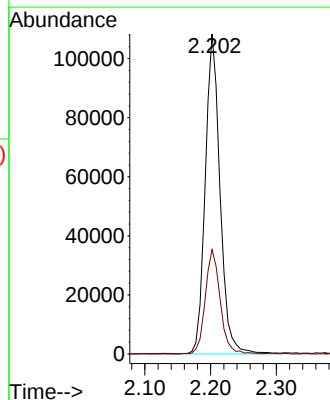
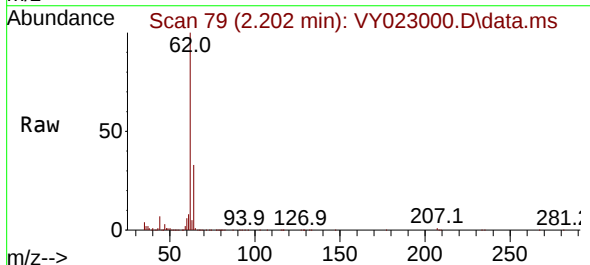
Instrument :
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ClientSampleId :
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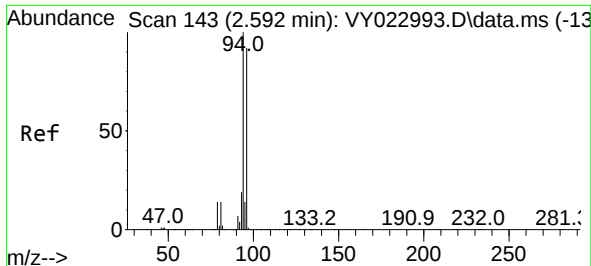
Tgt Ion: 50 Resp: 143371
Ion Ratio Lower Upper
50 100
52 33.5 26.6 39.8



#4
Vinyl Chloride
Concen: 21.012 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 62 Resp: 169689
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8

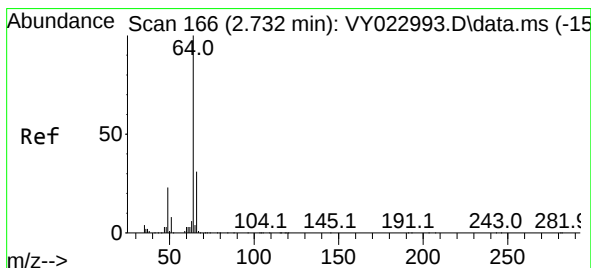
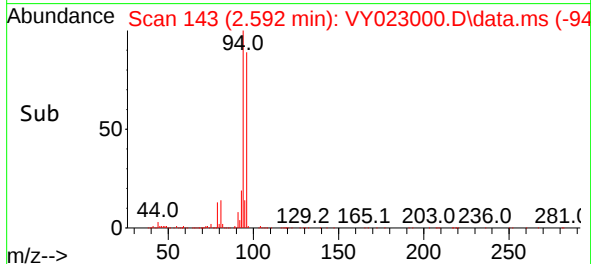
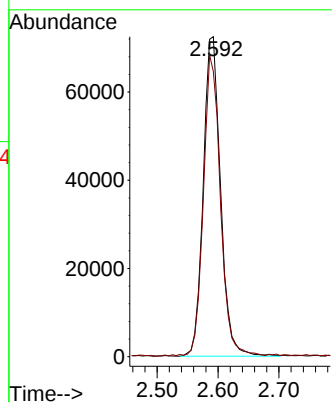
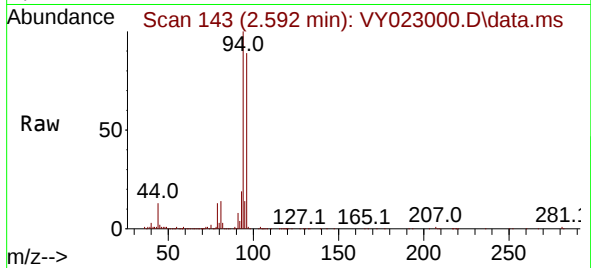




#5
Bromomethane
Concen: 24.564 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

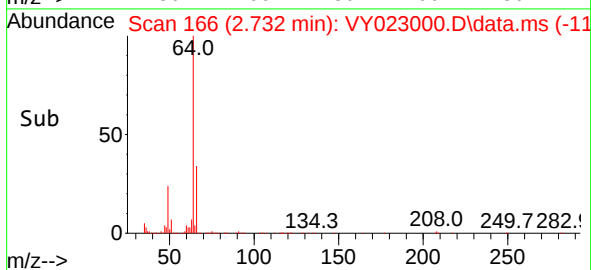
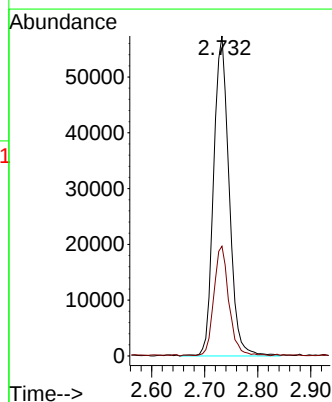
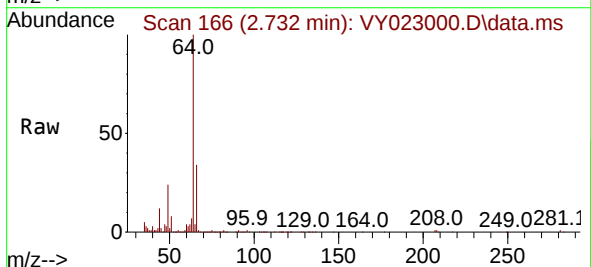
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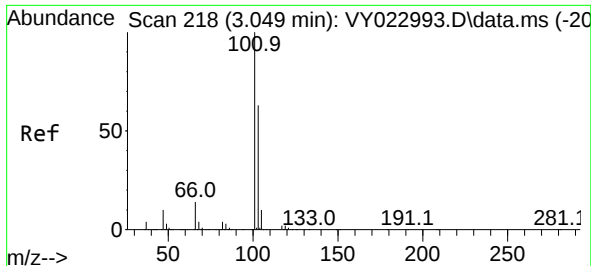
Tgt Ion: 94 Resp: 143171
Ion Ratio Lower Upper
94 100
96 88.9 73.9 110.9



#6
Chloroethane
Concen: 21.639 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 64 Resp: 116712
Ion Ratio Lower Upper
64 100
66 34.3 24.9 37.3

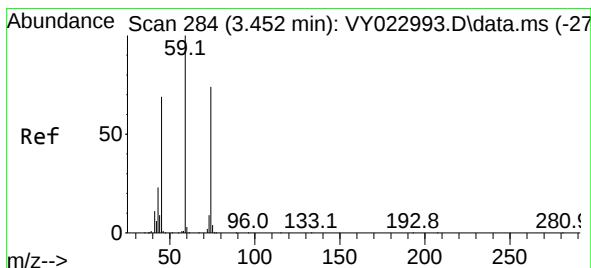
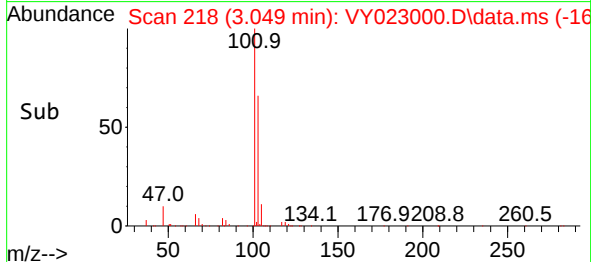
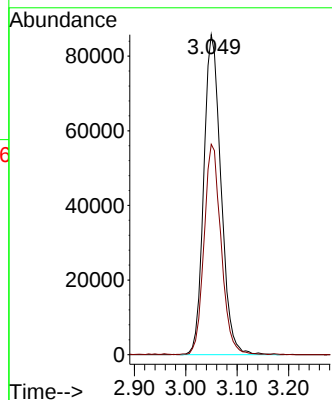
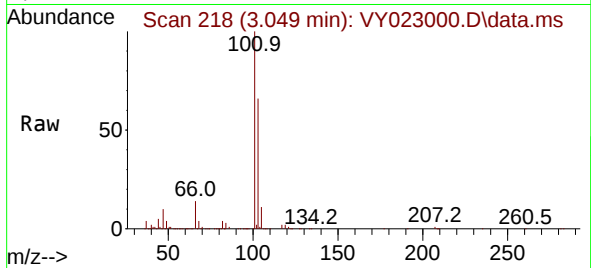




#7
Trichlorofluoromethane
Concen: 21.259 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

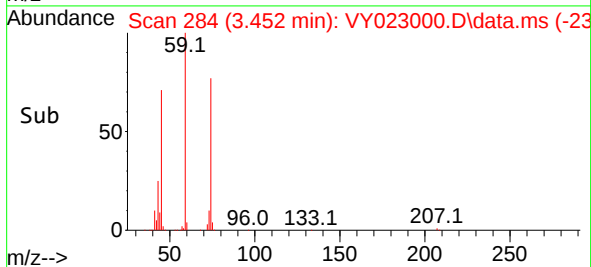
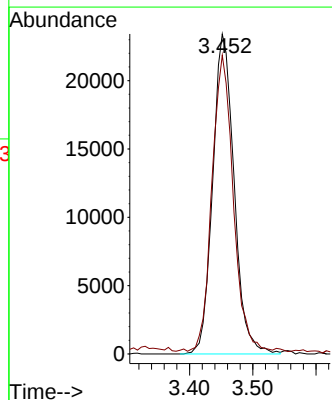
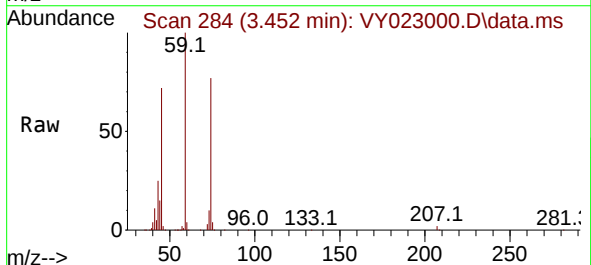
Instrument :
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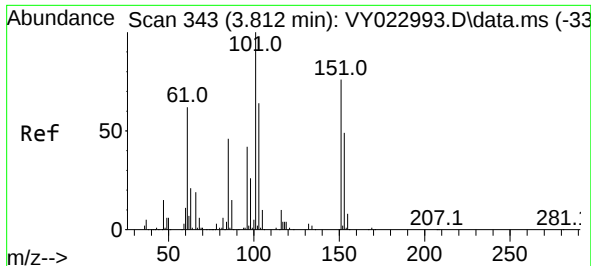
Tgt Ion:101 Resp: 199294
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1



#8
Diethyl Ether
Concen: 22.395 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 74 Resp: 54948
Ion Ratio Lower Upper
74 100
45 91.9 45.1 135.2

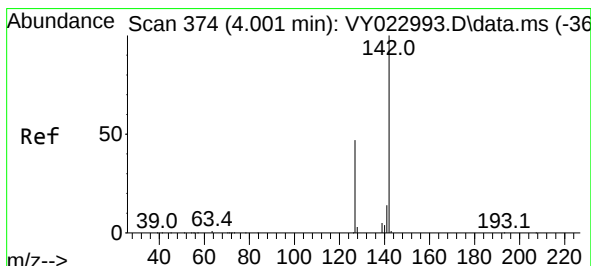
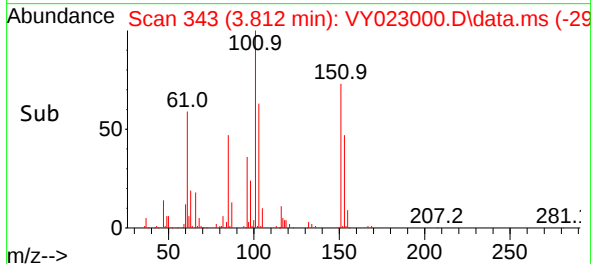
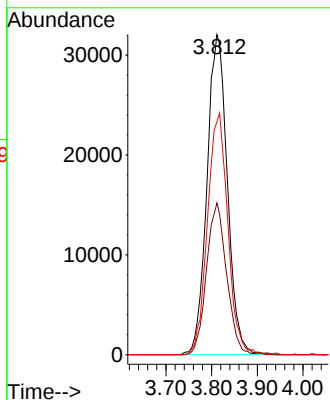
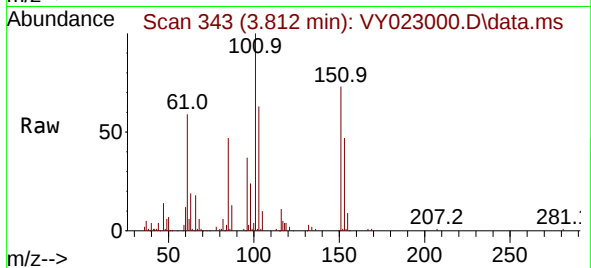




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.206 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

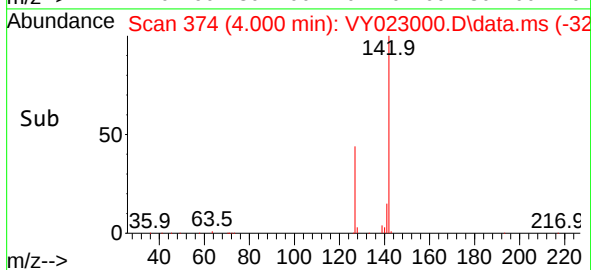
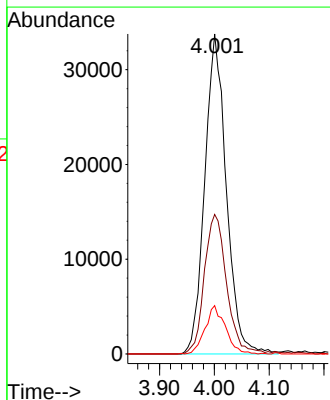
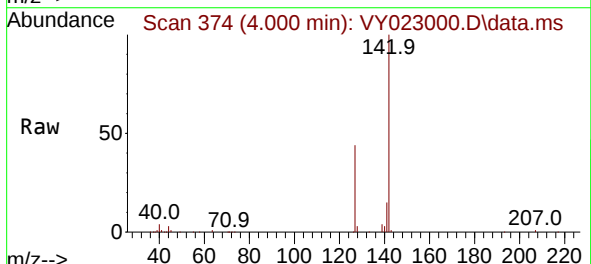
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

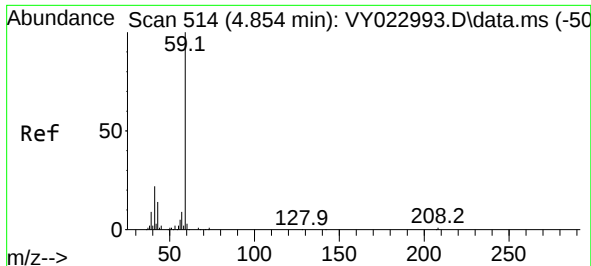
Tgt Ion:101 Resp: 99505
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 75.2 59.7 89.5



#10
Methyl Iodide
Concen: 18.029 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion:142 Resp: 92236
Ion Ratio Lower Upper
142 100
127 44.9 37.0 55.6
141 14.2 11.4 17.2

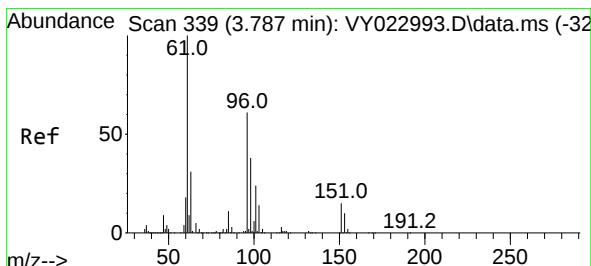
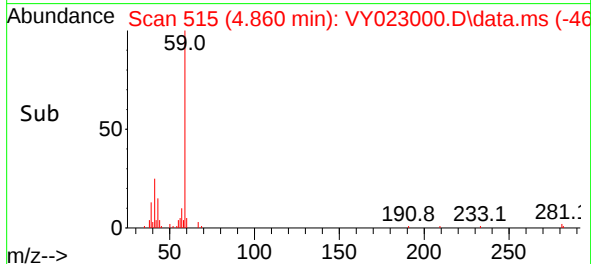
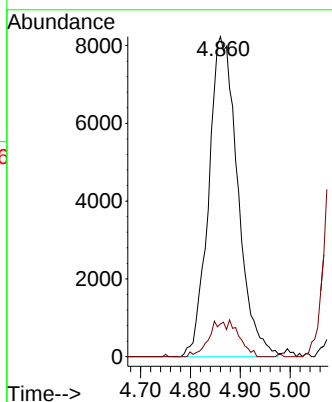
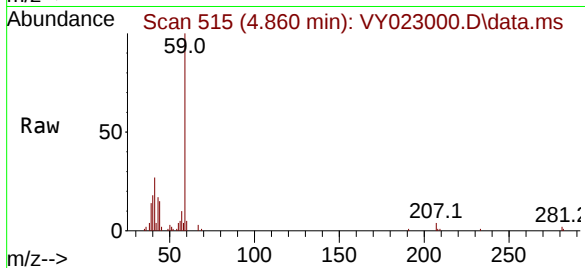




#11
Tert butyl alcohol
Concen: 123.093 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

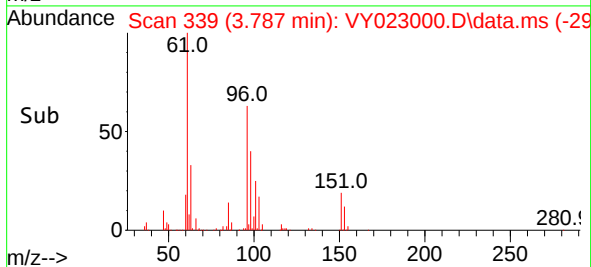
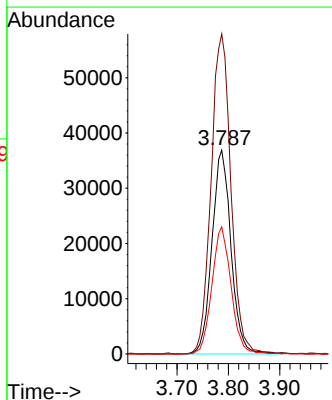
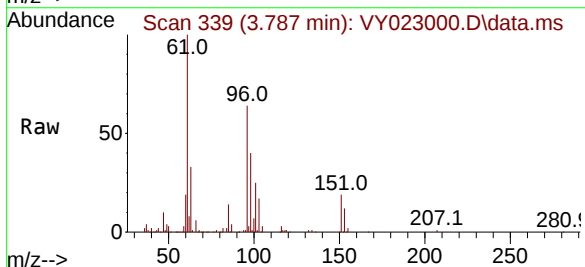
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

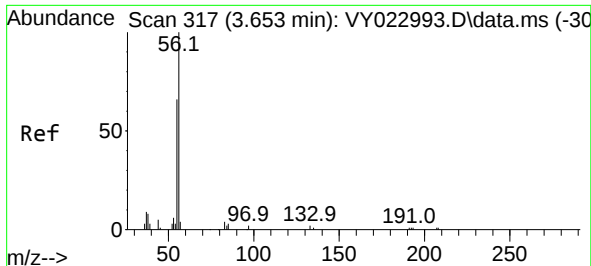
Tgt Ion: 59 Resp: 33272
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 20.254 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 96 Resp: 95020
Ion Ratio Lower Upper
96 100
61 157.0 130.4 195.6
98 62.3 49.6 74.4

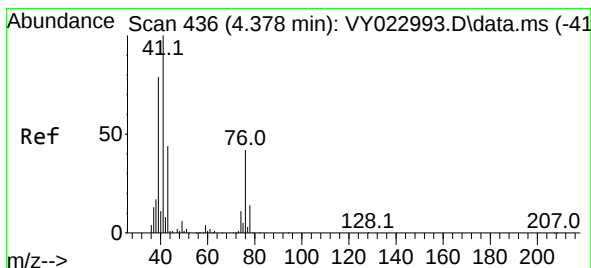
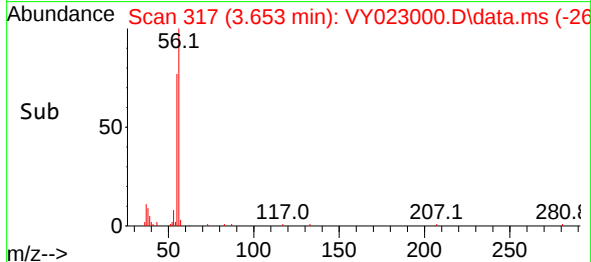
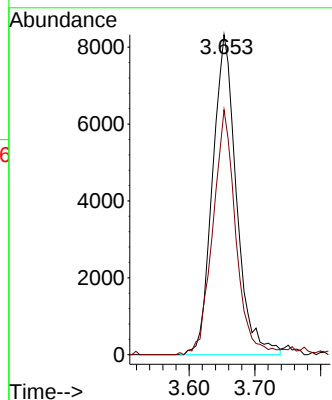
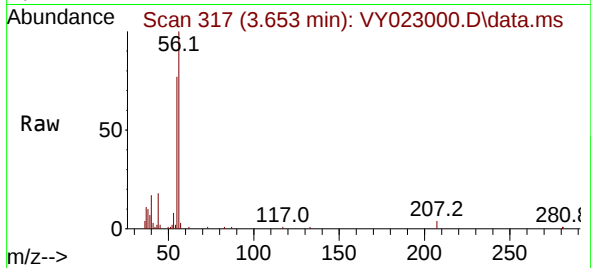




#13
Acrolein
Concen: 165.903 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

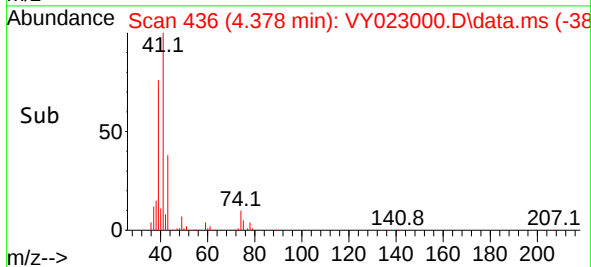
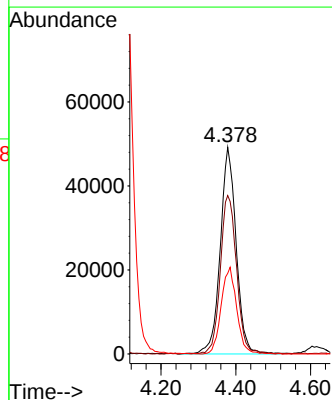
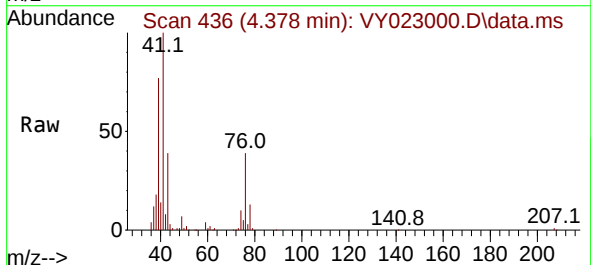
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

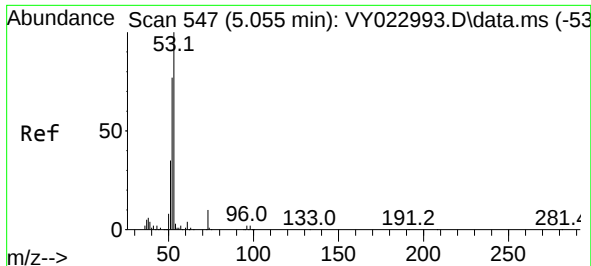
Tgt Ion: 56 Resp: 21072
Ion Ratio Lower Upper
56 100
55 73.4 57.8 86.6



#14
Allyl chloride
Concen: 20.411 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 41 Resp: 145884
Ion Ratio Lower Upper
41 100
39 77.5 60.1 90.1
76 40.8 32.2 48.4

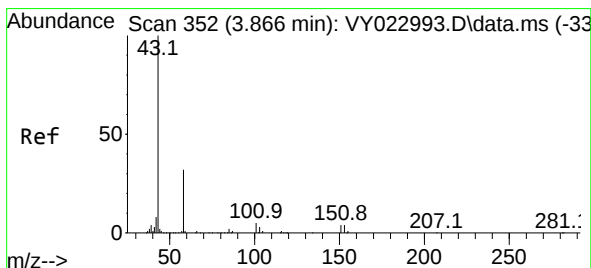
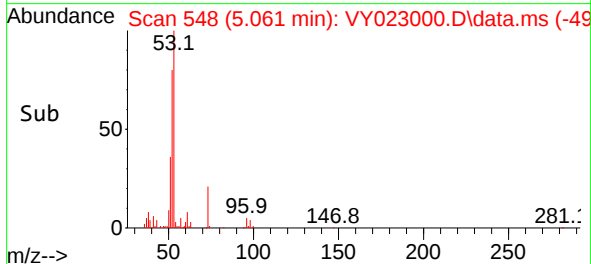
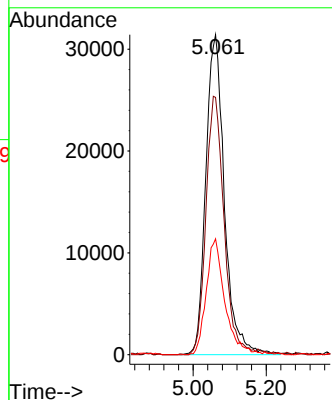
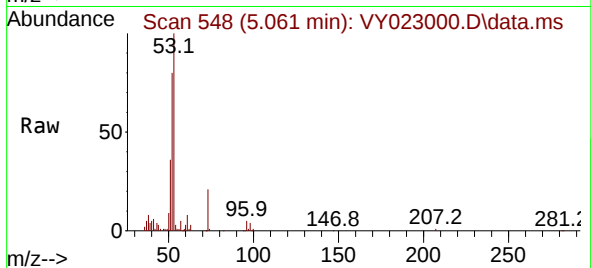




#15
Acrylonitrile
Concen: 119.137 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

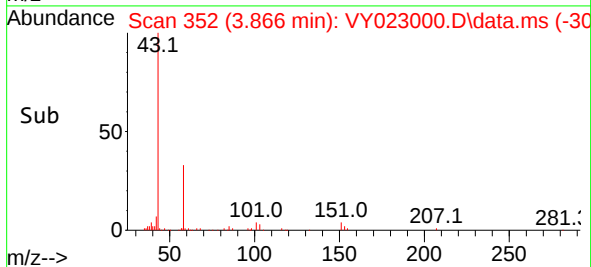
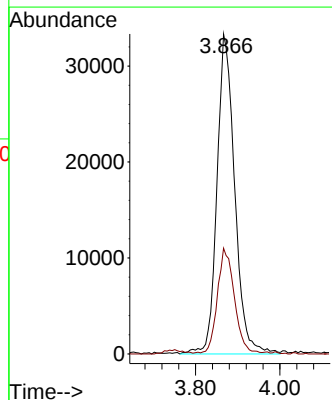
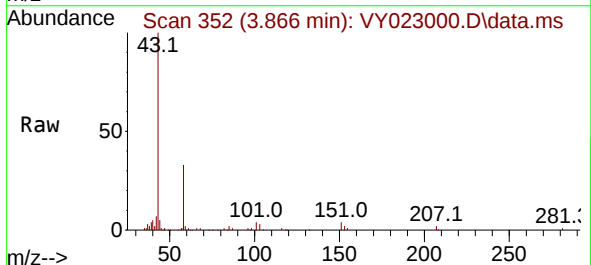
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

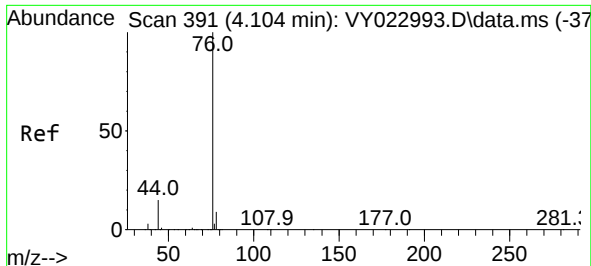
Tgt Ion: 53 Resp: 110719
Ion Ratio Lower Upper
53 100
52 78.7 65.2 97.8
51 36.3 30.3 45.5



#16
Acetone
Concen: 119.939 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 43 Resp: 97170
Ion Ratio Lower Upper
43 100
58 32.9 26.2 39.4

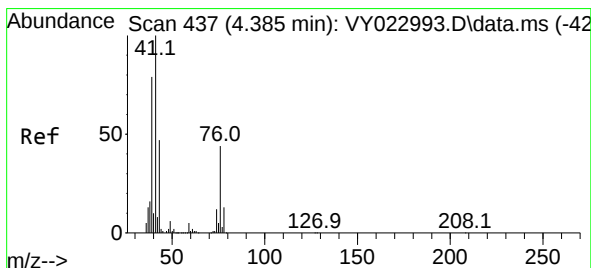
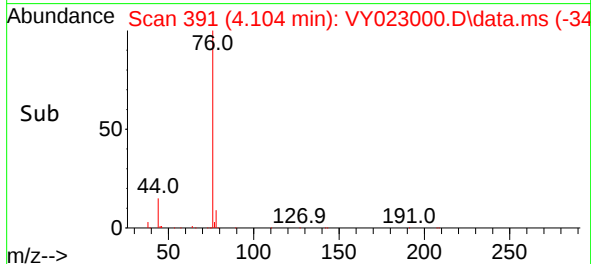
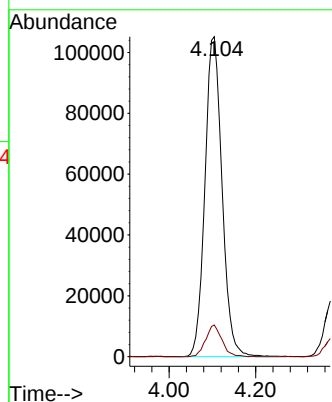
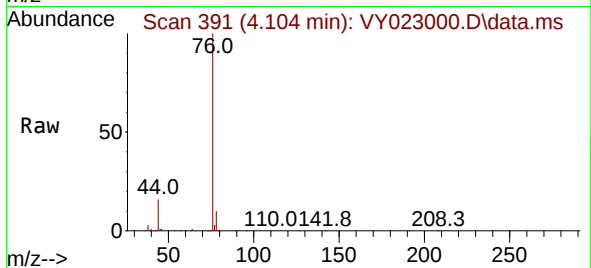




#17
Carbon Disulfide
Concen: 20.298 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

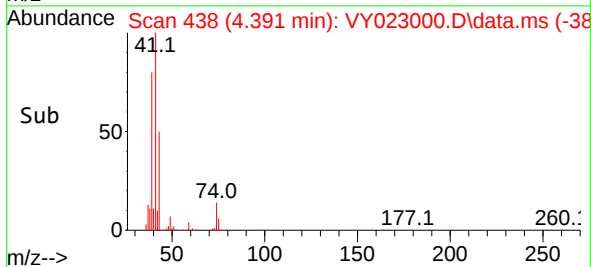
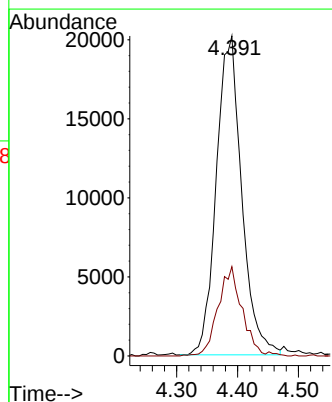
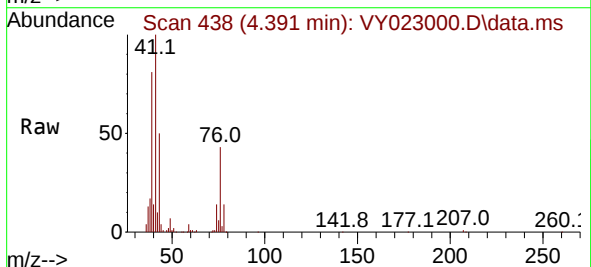
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

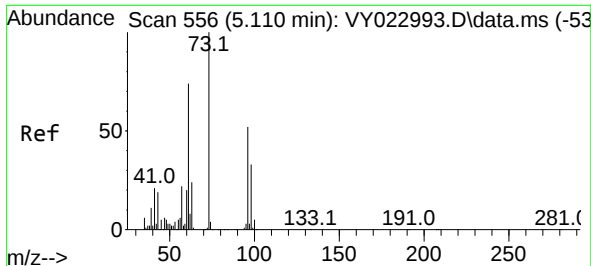
Tgt Ion: 76 Resp: 288599
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 21.292 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 43 Resp: 58402
Ion Ratio Lower Upper
43 100
74 26.2 20.1 30.1

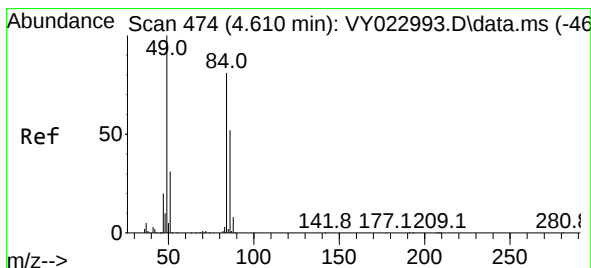
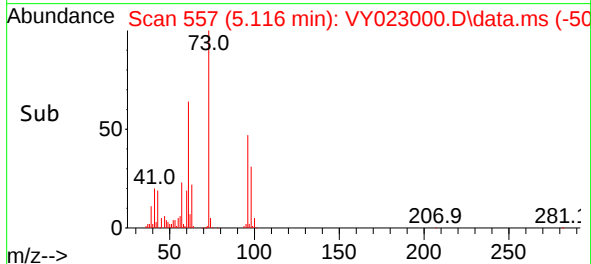
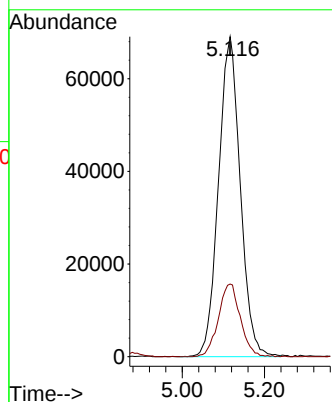
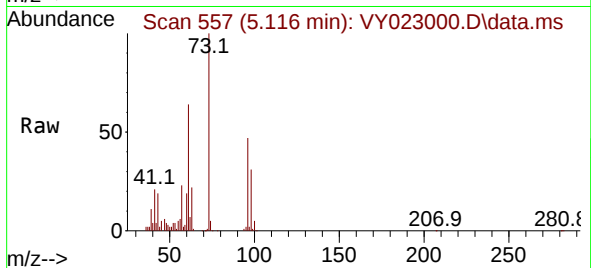




#19
Methyl tert-butyl Ether
Concen: 22.573 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

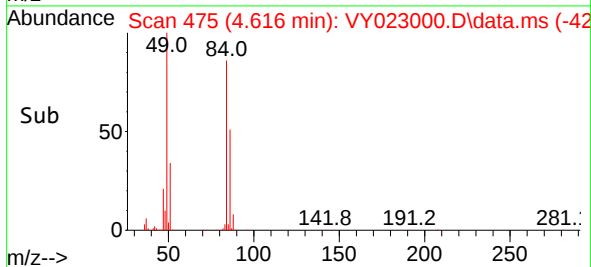
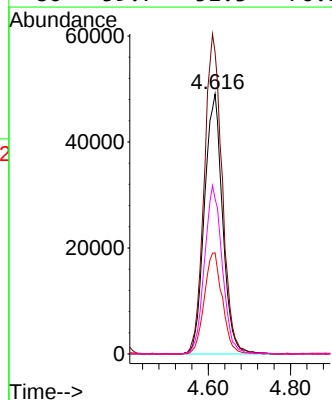
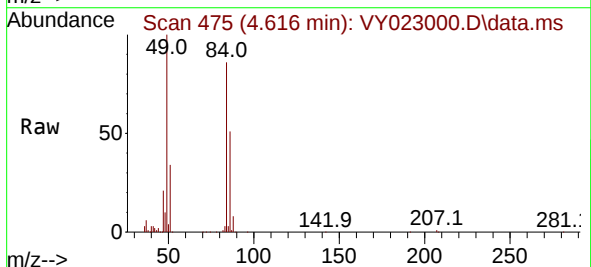
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 73 Resp: 254006
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#20
Methylene Chloride
Concen: 21.534 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 84 Resp: 149748
Ion Ratio Lower Upper
84 100
49 115.9 98.2 147.4
51 38.9 30.5 45.7
86 59.7 51.3 76.9

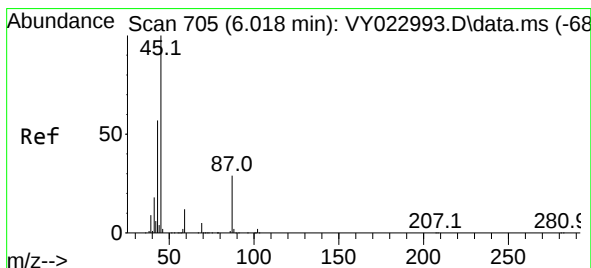
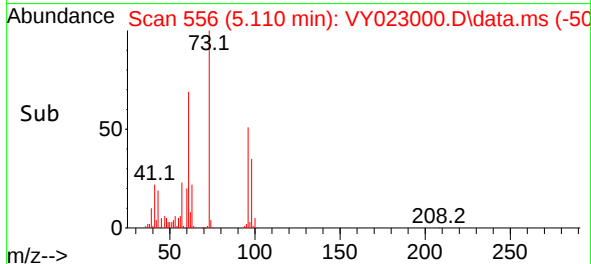
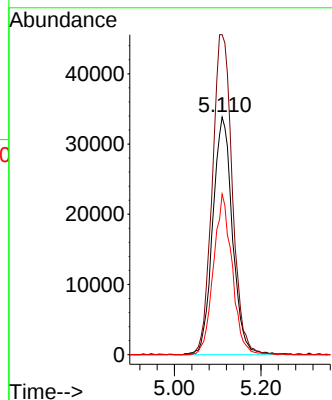
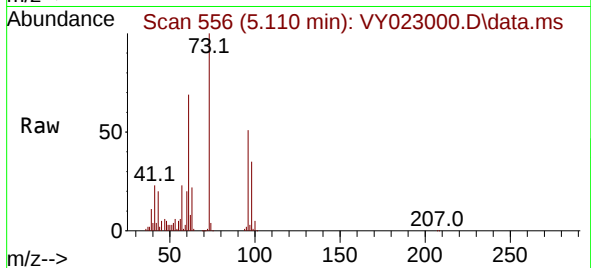




#21
trans-1,2-Dichloroethene
Concen: 20.533 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

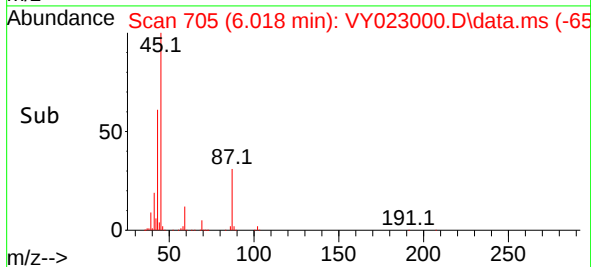
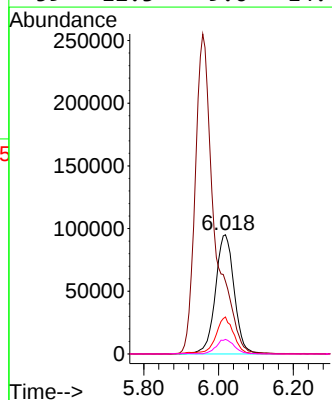
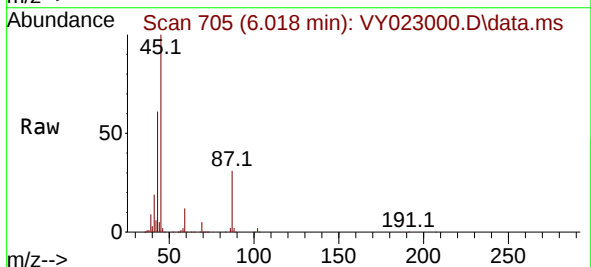
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 96 Resp: 107229
Ion Ratio Lower Upper
96 100
61 134.6 107.4 161.2
98 67.5 49.3 73.9



#22
Diisopropyl ether
Concen: 21.875 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 45 Resp: 331682
Ion Ratio Lower Upper
45 100
43 60.5 45.3 67.9
87 31.1 23.3 34.9
59 12.3 9.6 14.4

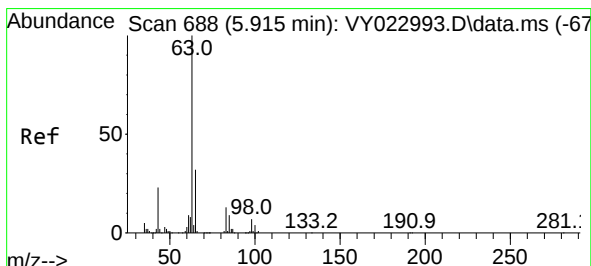
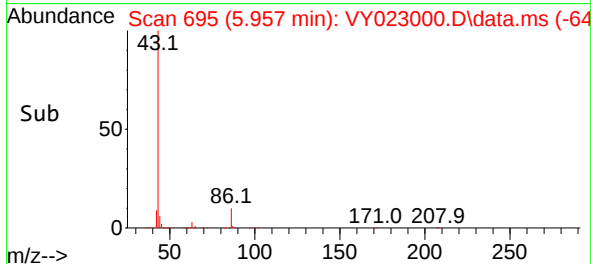
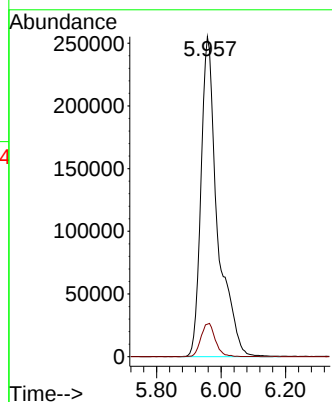
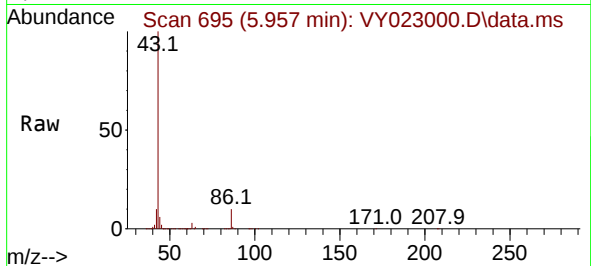




#23
 Vinyl Acetate
 Concen: 119.130 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

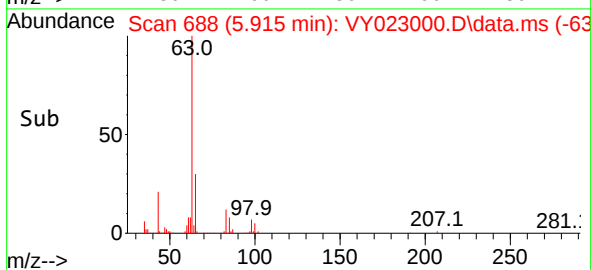
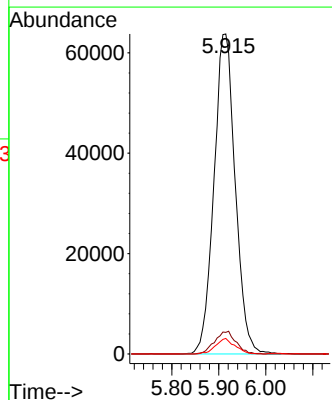
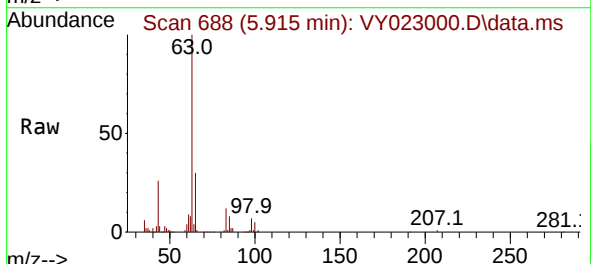
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

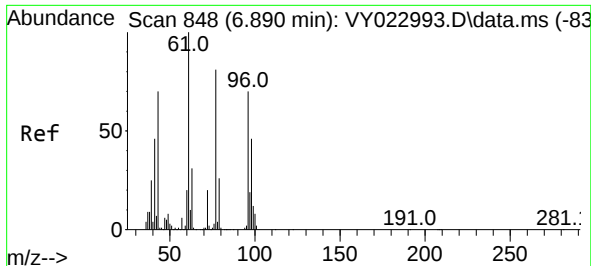
Tgt Ion: 43 Resp: 910154
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 21.091 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

Tgt Ion: 63 Resp: 200869
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.9 2.1 6.2

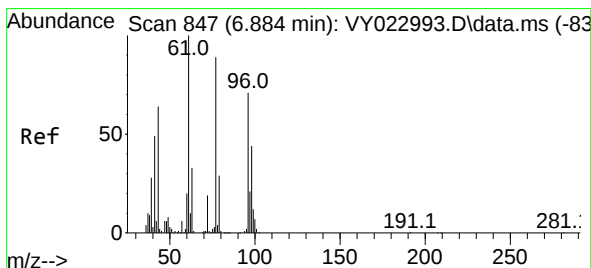
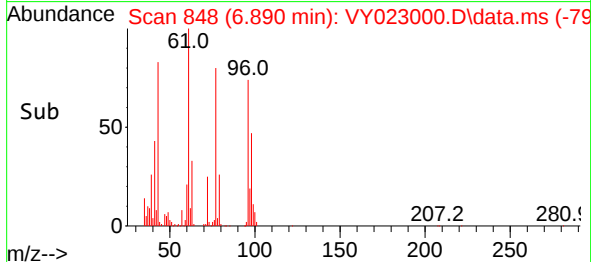
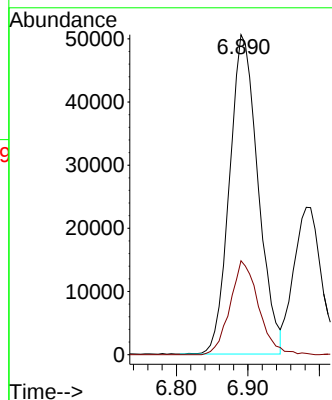
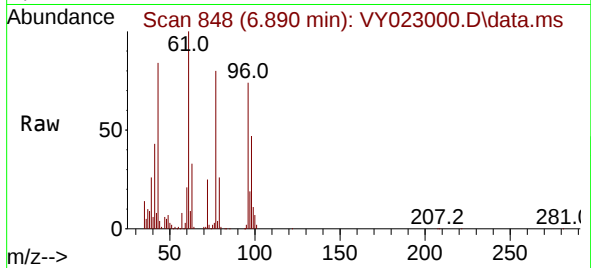




#25
2-Butanone
Concen: 120.655 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

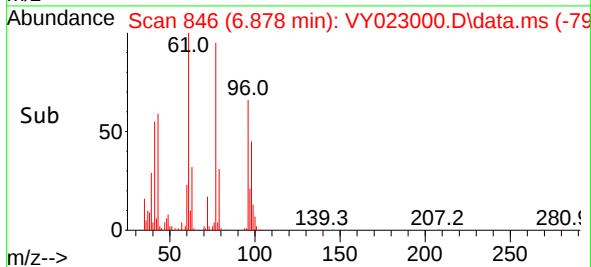
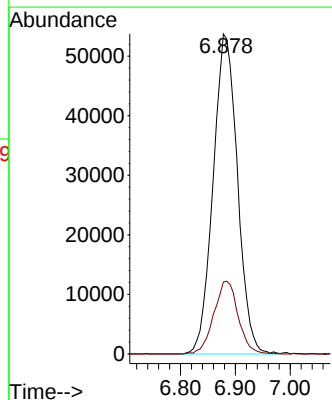
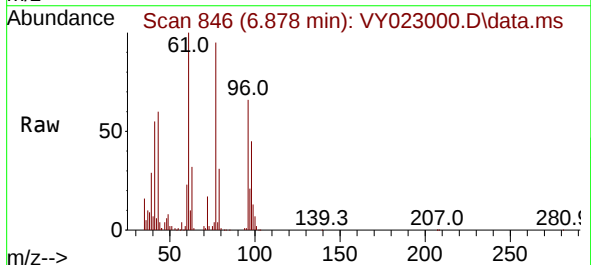
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

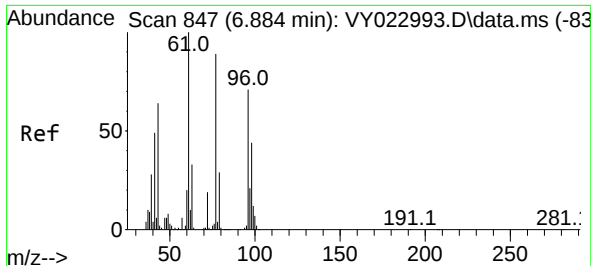
Tgt Ion: 43 Resp: 140232
Ion Ratio Lower Upper
43 100
72 29.4 22.9 34.3



#26
2,2-Dichloropropane
Concen: 19.848 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 77 Resp: 165662
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.923 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

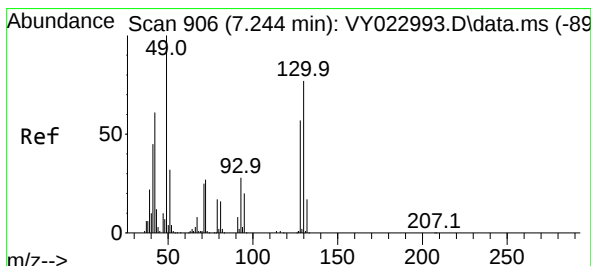
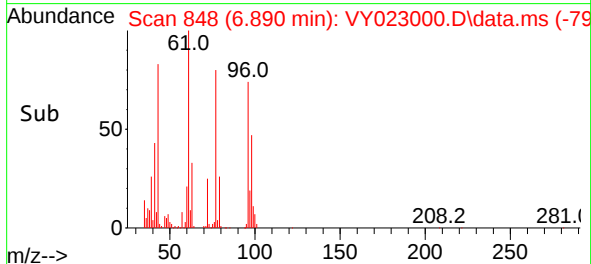
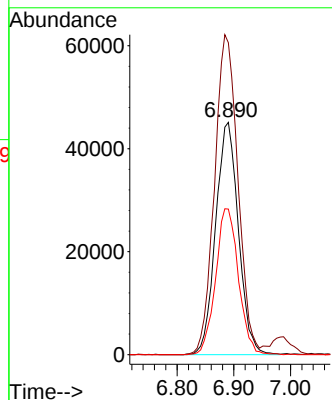
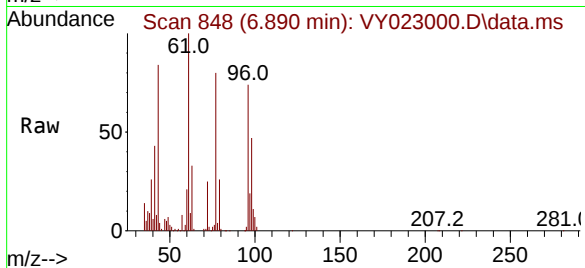
Tgt Ion: 96 Resp: 125924

Ion Ratio Lower Upper

96 100

61 142.2 0.0 286.2

98 62.9 0.0 127.4



#28

Bromochloromethane

Concen: 21.706 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

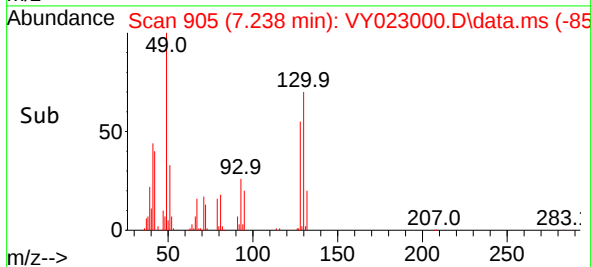
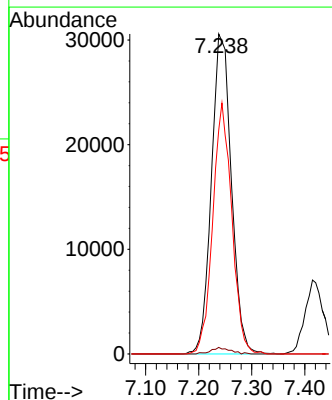
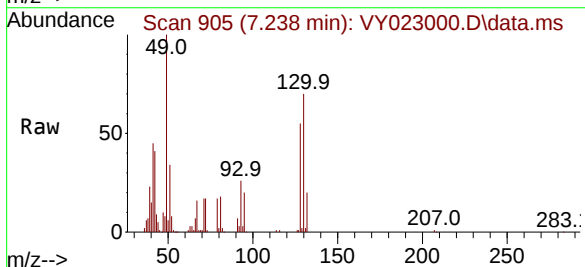
Tgt Ion: 49 Resp: 80178

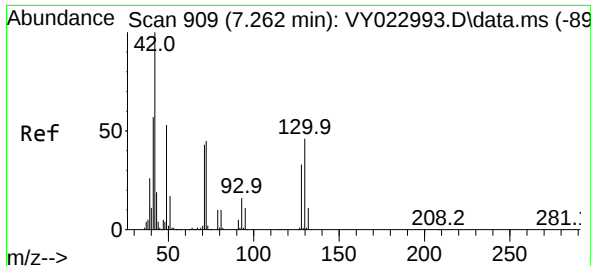
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 74.6 61.8 92.8





#29

Tetrahydrofuran

Concen: 119.115 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

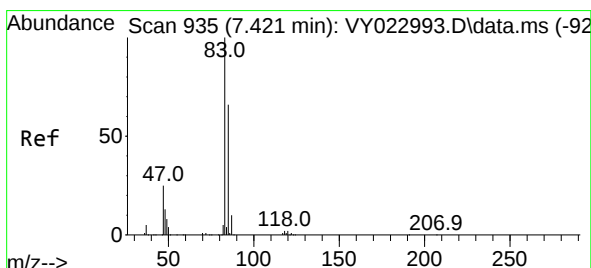
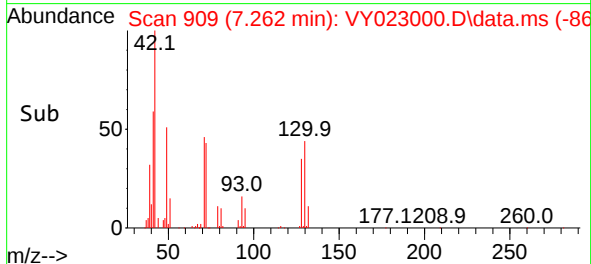
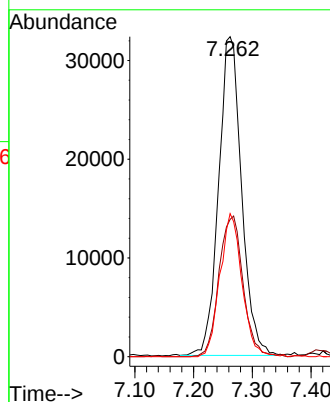
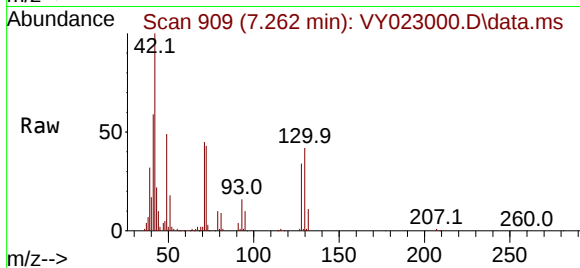
Tgt Ion: 42 Resp: 87651

Ion Ratio Lower Upper

42 100

72 46.5 37.5 56.3

71 43.4 34.2 51.4



#30

Chloroform

Concen: 20.913 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY023000.D

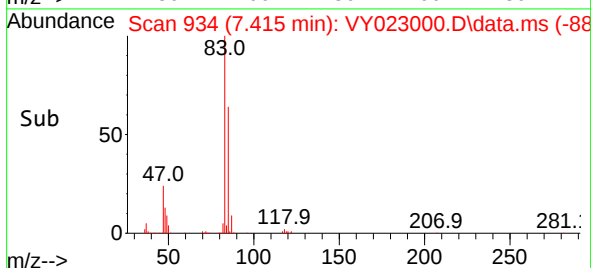
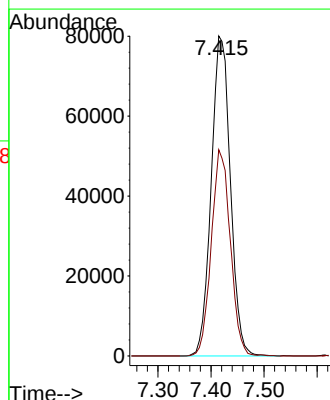
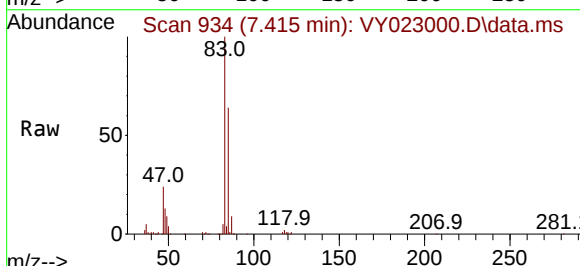
Acq: 18 Jul 2025 16:00

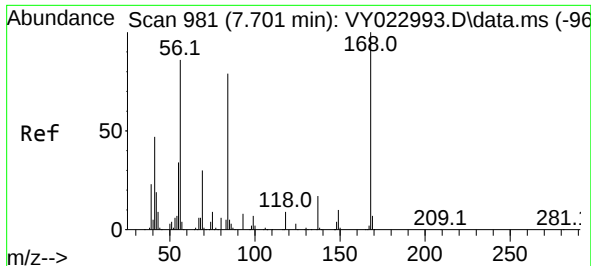
Tgt Ion: 83 Resp: 200917

Ion Ratio Lower Upper

83 100

85 64.4 52.6 78.8

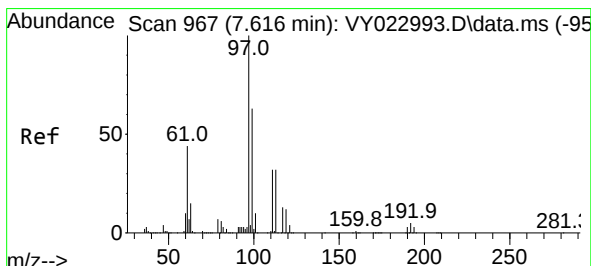
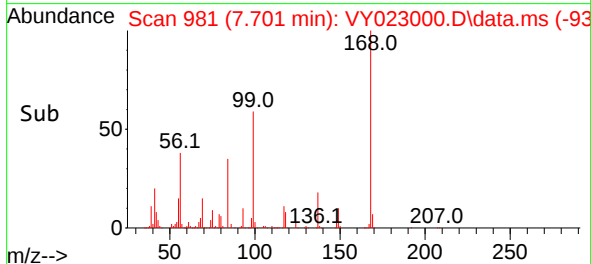
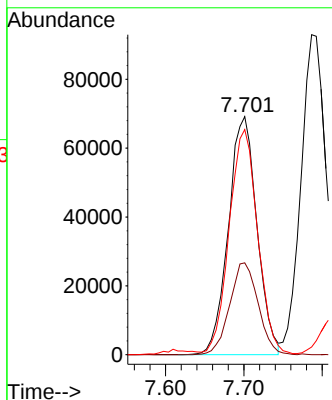
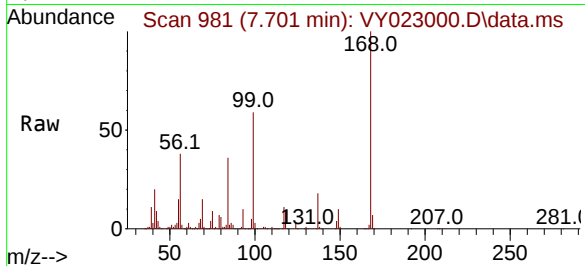




#31
Cyclohexane
Concen: 19.685 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

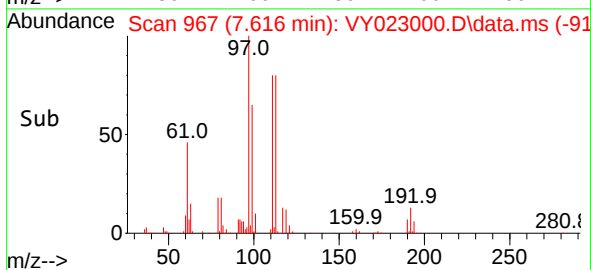
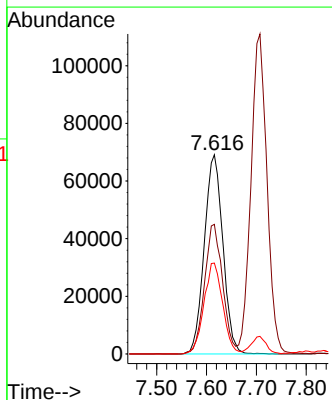
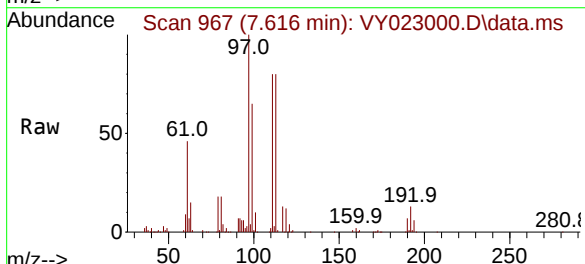
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

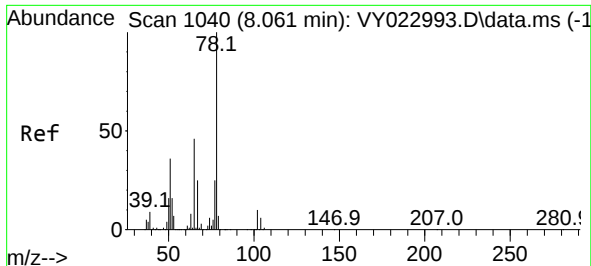
Tgt Ion: 56 Resp: 175169
Ion Ratio Lower Upper
56 100
69 38.5 28.1 42.1
84 93.0 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 20.544 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 97 Resp: 179081
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 46.0 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 52.647 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

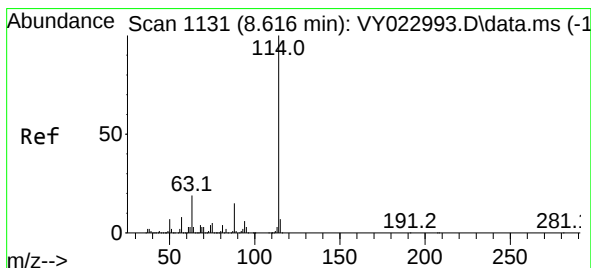
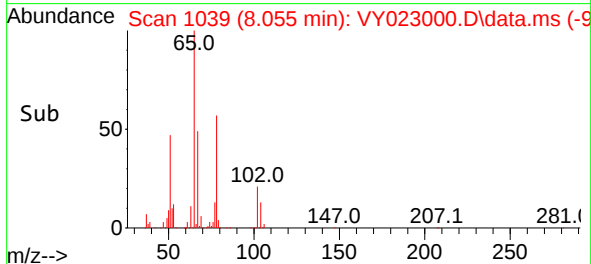
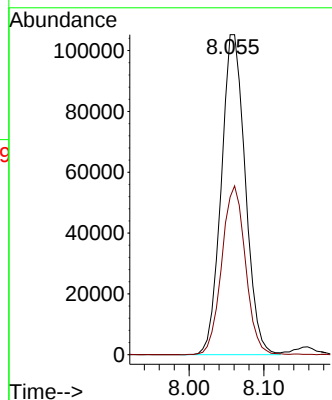
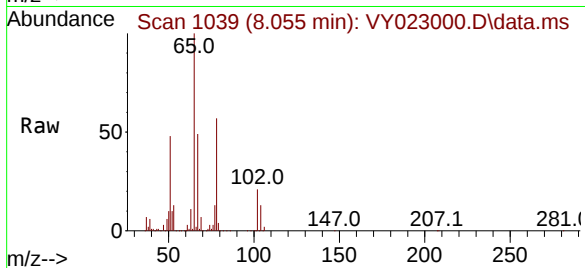
VY0718SBS01

Tgt Ion: 65 Resp: 235302

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

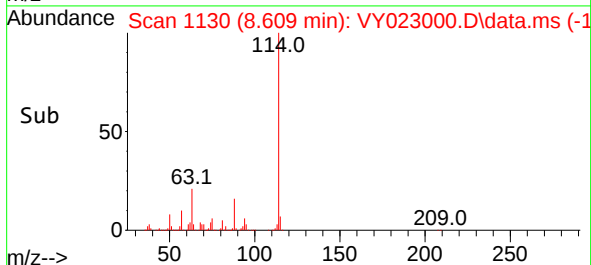
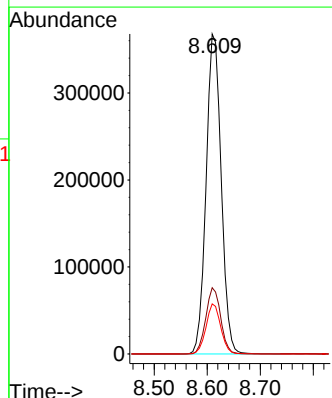
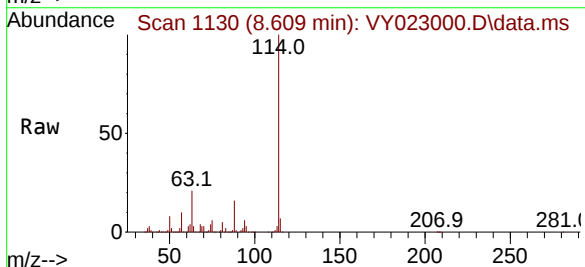
Tgt Ion: 114 Resp: 726763

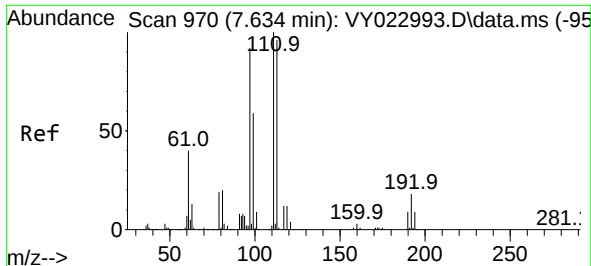
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.8

88 15.6 0.0 30.2

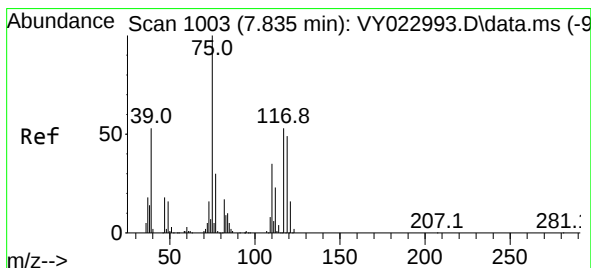
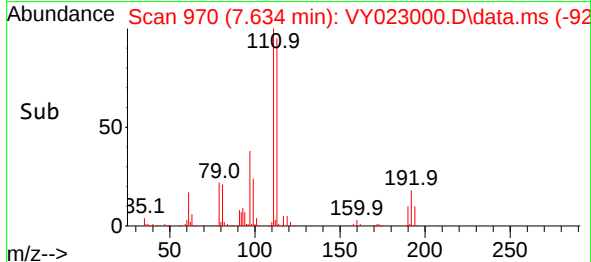
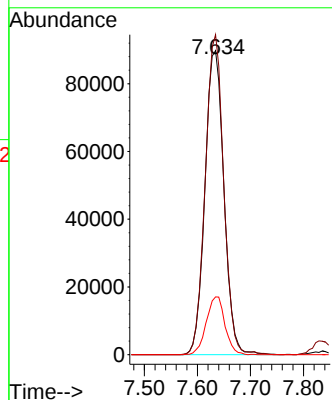
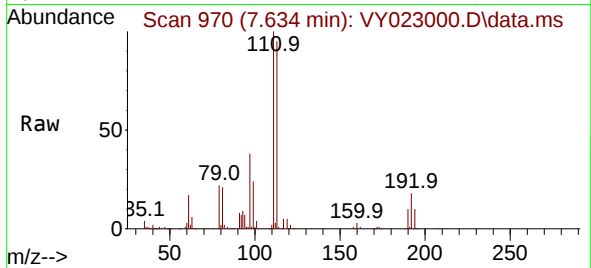




#35
Dibromofluoromethane
Concen: 48.446 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

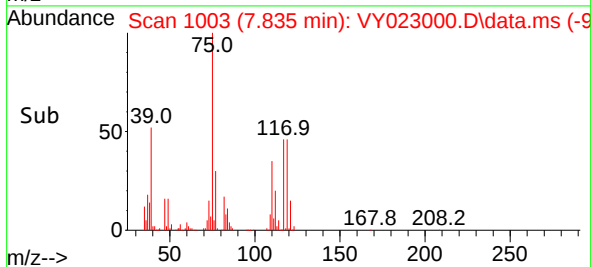
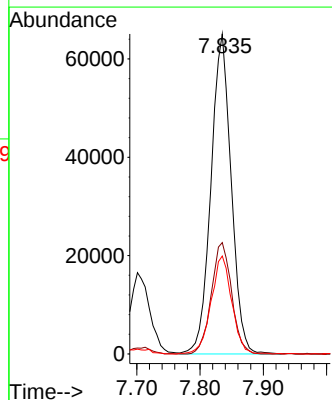
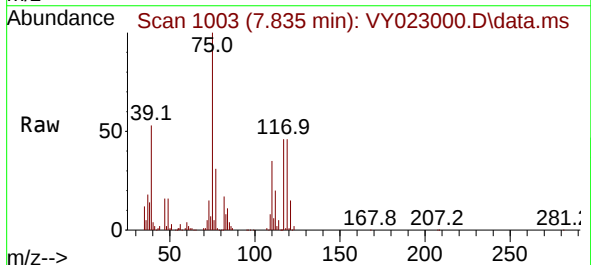
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

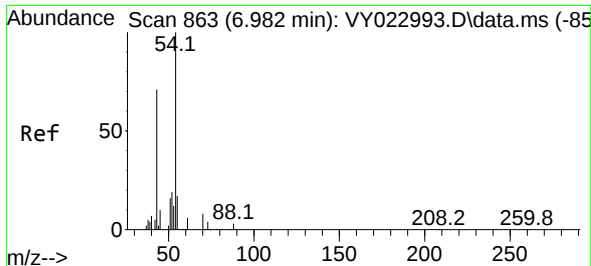
Tgt Ion:113 Resp: 223340
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 19.906 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 75 Resp: 144552
Ion Ratio Lower Upper
75 100
110 34.9 17.3 51.9
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 24.125 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

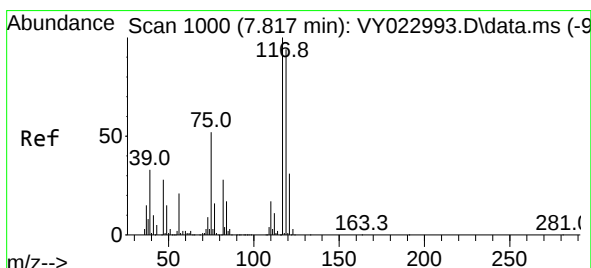
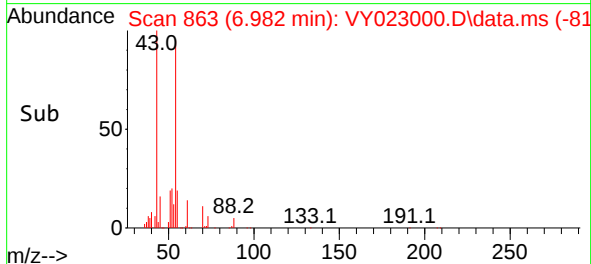
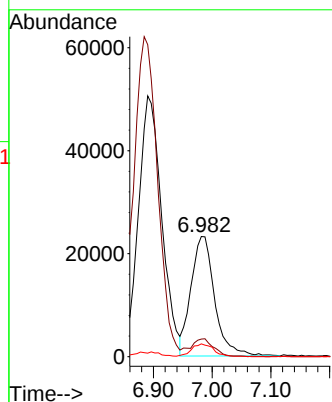
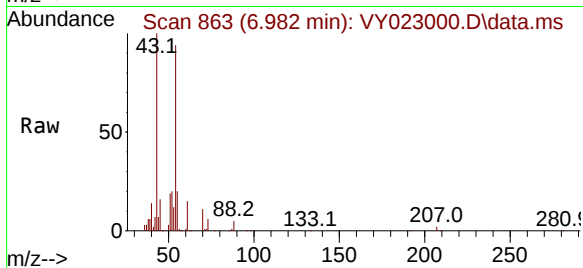
Tgt Ion: 43 Resp: 65064

Ion Ratio Lower Upper

43 100

61 13.0 11.6 17.4

70 10.2 8.5 12.7



#38

Carbon Tetrachloride

Concen: 19.332 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

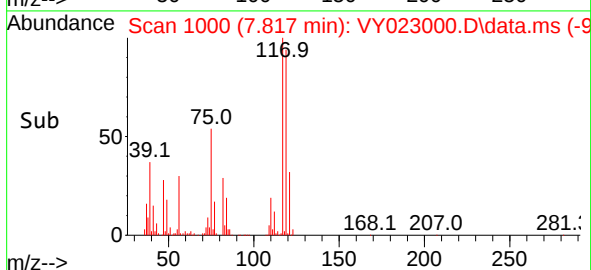
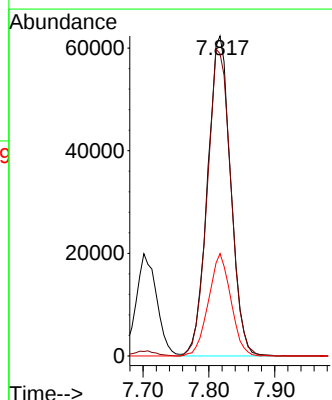
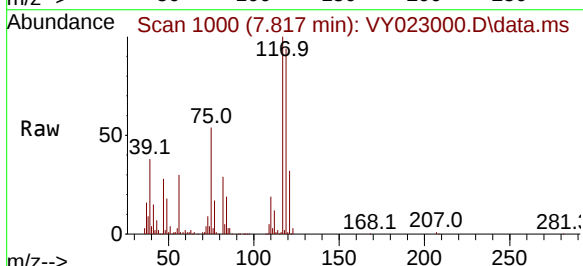
Tgt Ion: 117 Resp: 152517

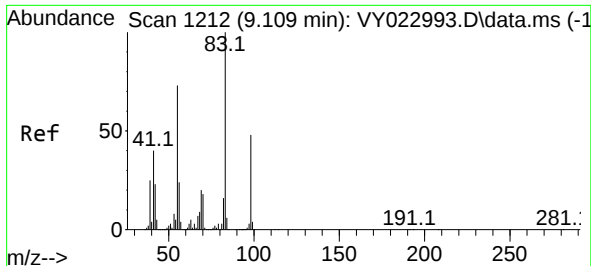
Ion Ratio Lower Upper

117 100

119 94.4 74.9 112.3

121 32.0 24.6 37.0





#39

Methylcyclohexane

Concen: 19.311 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

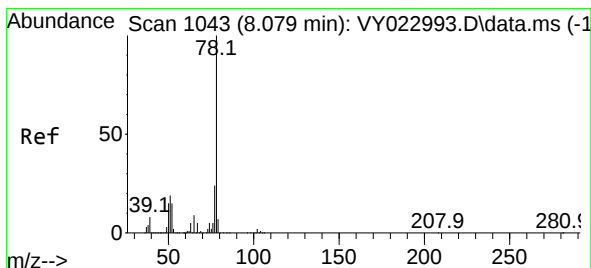
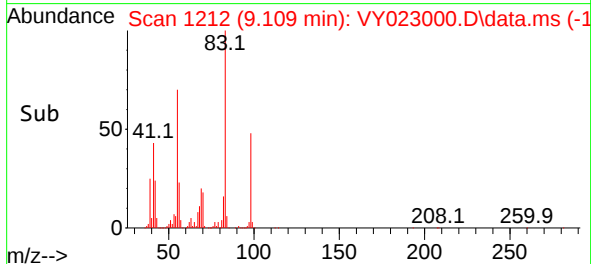
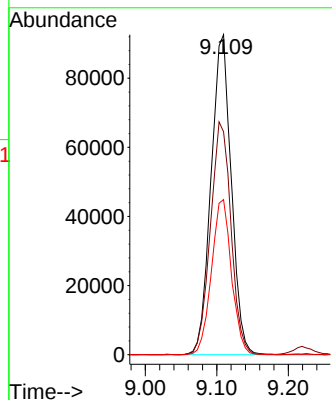
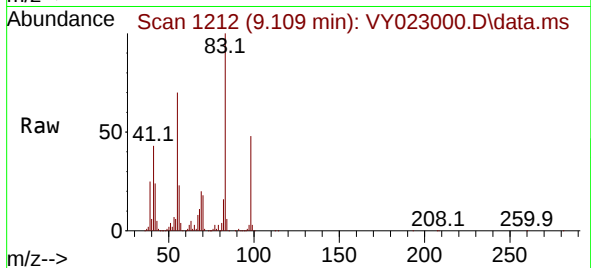
Tgt Ion: 83 Resp: 181502

Ion Ratio Lower Upper

83 100

55 69.7 58.1 87.1

98 48.4 38.5 57.7



#40

Benzene

Concen: 20.447 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023000.D

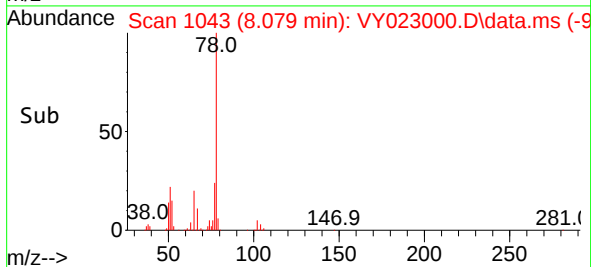
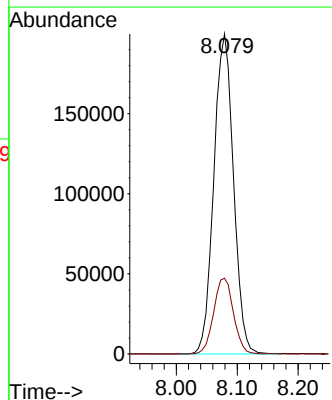
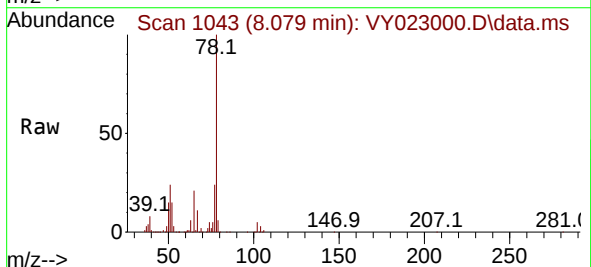
Acq: 18 Jul 2025 16:00

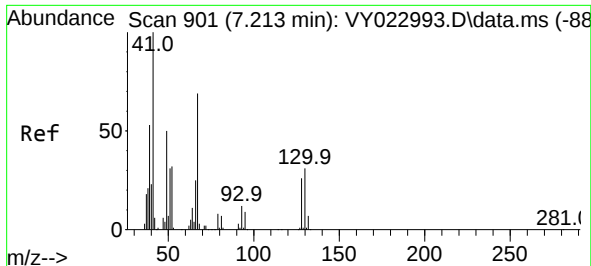
Tgt Ion: 78 Resp: 447067

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4

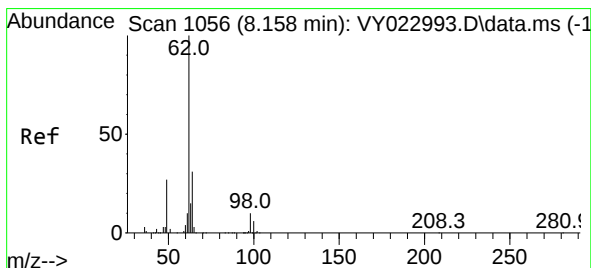
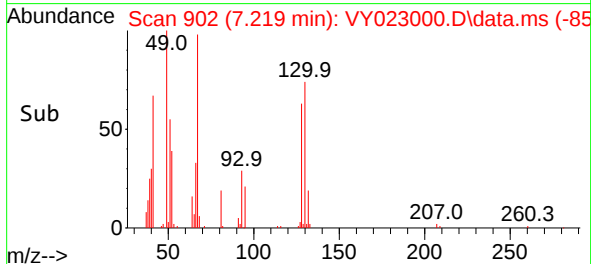
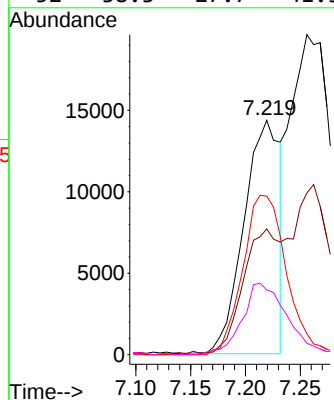
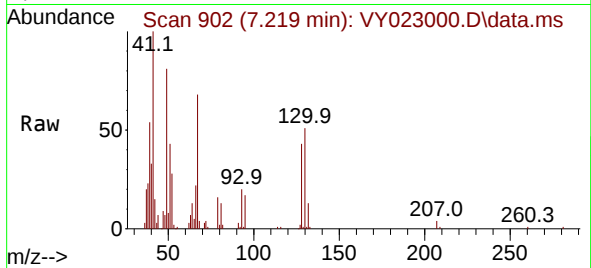




#41
Methacrylonitrile
Concen: 22.247 ug/l
RT: 7.219 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

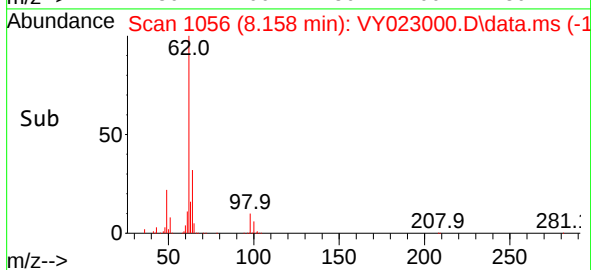
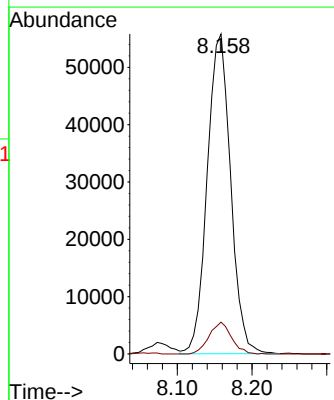
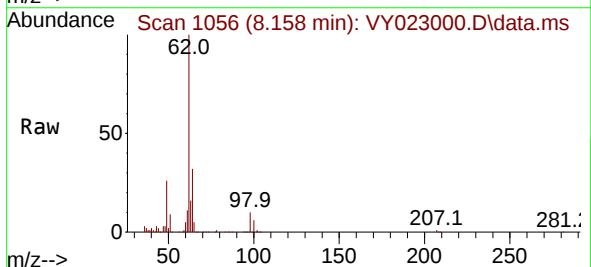
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

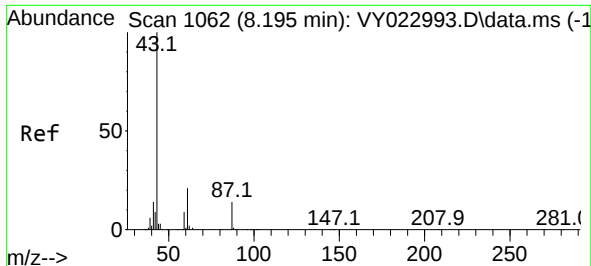
Tgt Ion:	41	Resp:	32685
Ion	Ratio	Lower	Upper
41	100		
39	54.0	50.0	75.0
67	83.2	65.4	98.2
52	38.3	27.7	41.5



#42
1,2-Dichloroethane
Concen: 22.289 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion:	62	Resp:	121246
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

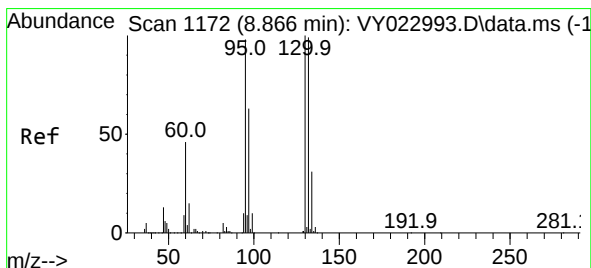
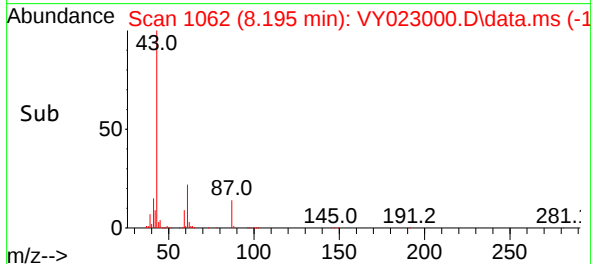
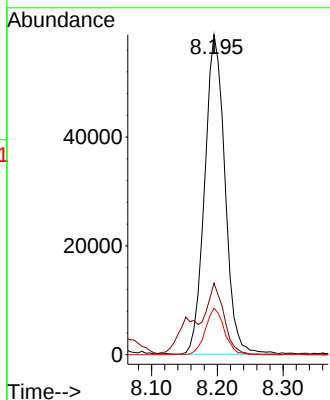
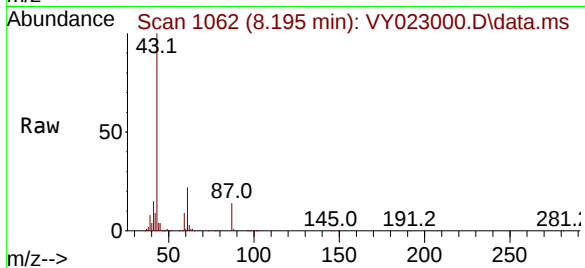




#43
Isopropyl Acetate
Concen: 23.495 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

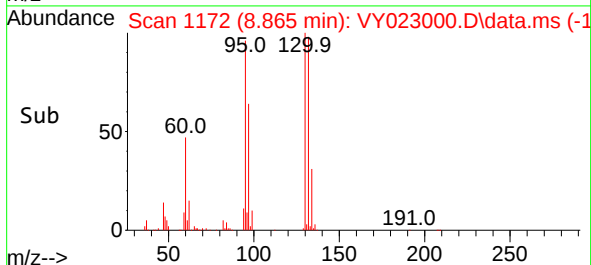
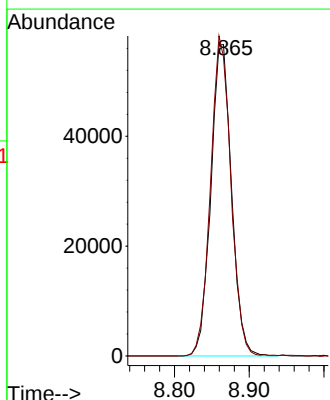
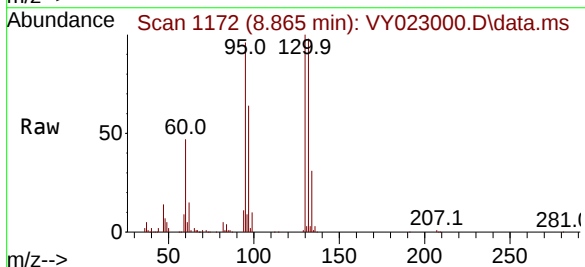
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

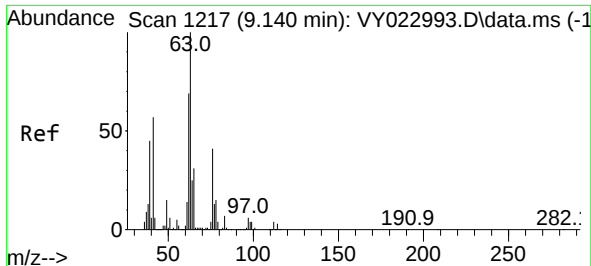
Tgt Ion: 43 Resp: 125867
Ion Ratio Lower Upper
43 100
61 19.9 25.0 37.4#
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 19.425 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion:130 Resp: 109088
Ion Ratio Lower Upper
130 100
95 96.0 0.0 195.8





#45

1,2-Dichloropropane

Concen: 20.636 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

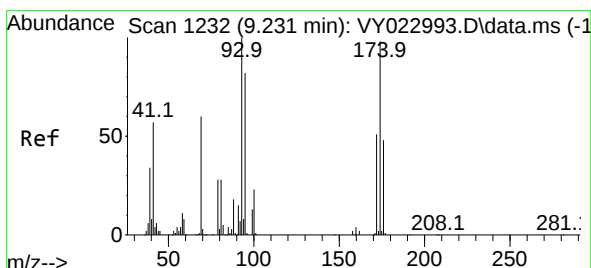
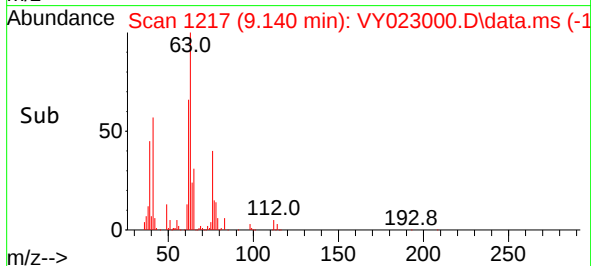
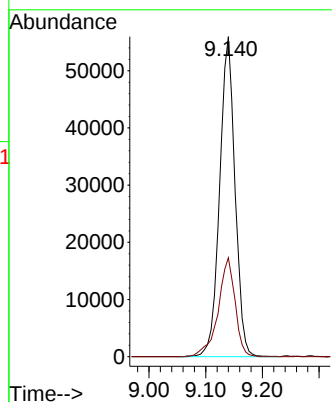
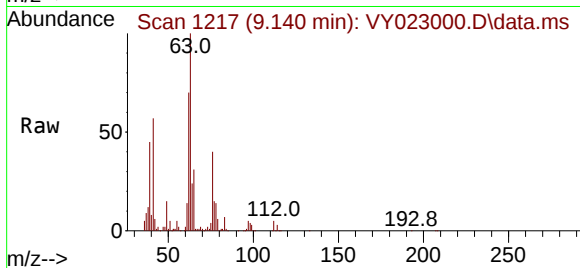
VY0718SBS01

Tgt Ion: 63 Resp: 105365

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 21.784 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

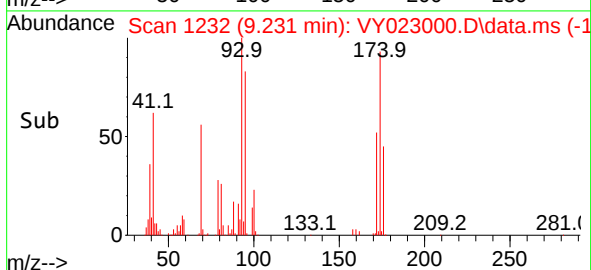
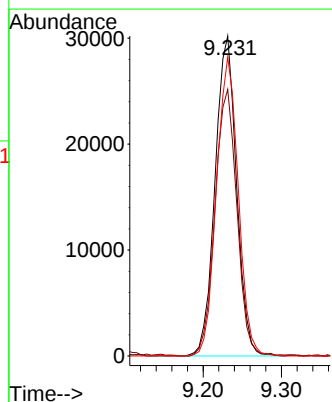
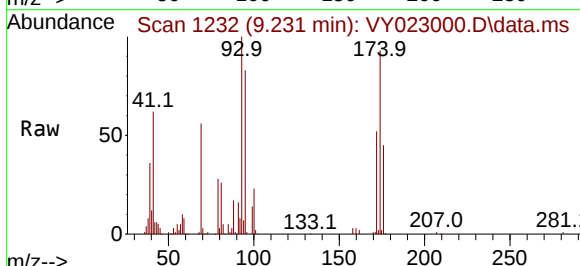
Tgt Ion: 93 Resp: 57491

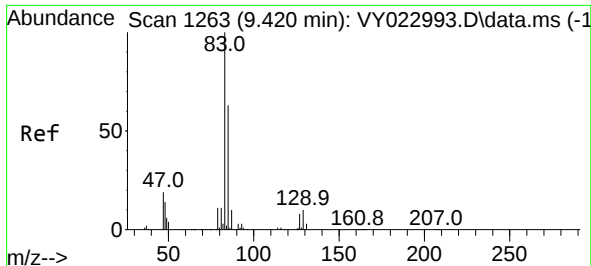
Ion Ratio Lower Upper

93 100

95 85.0 65.9 98.9

174 94.7 76.4 114.6





#47

Bromodichloromethane

Concen: 20.974 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

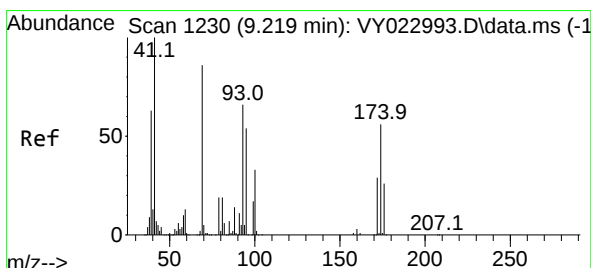
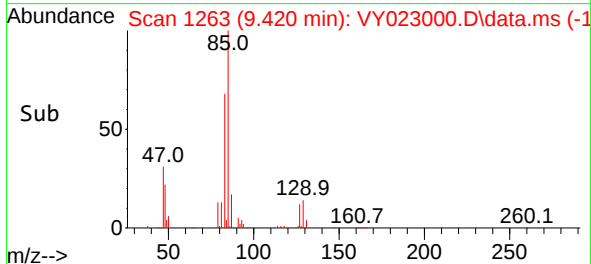
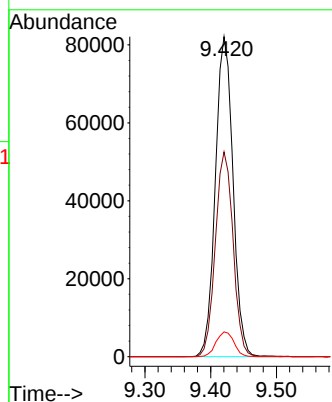
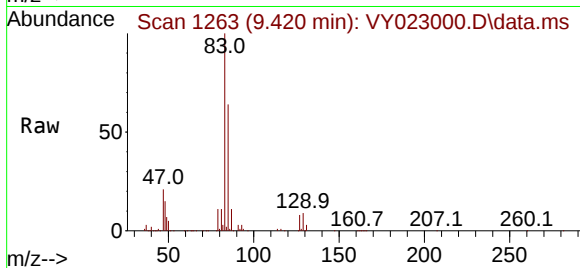
Tgt Ion: 83 Resp: 153006

Ion Ratio Lower Upper

83 100

85 64.0 50.6 75.8

127 7.8 6.5 9.7



#48

Methyl methacrylate

Concen: 22.024 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

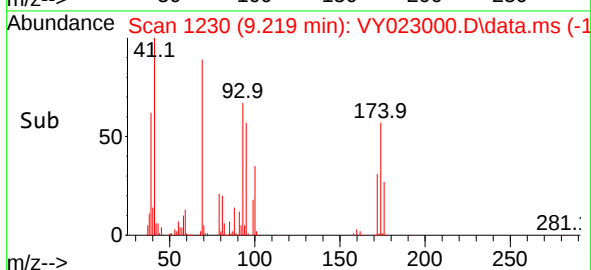
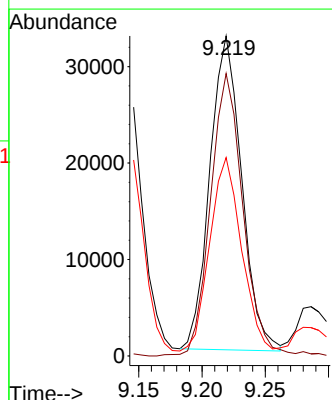
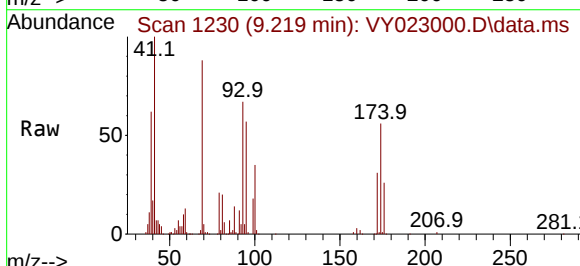
Tgt Ion: 41 Resp: 56963

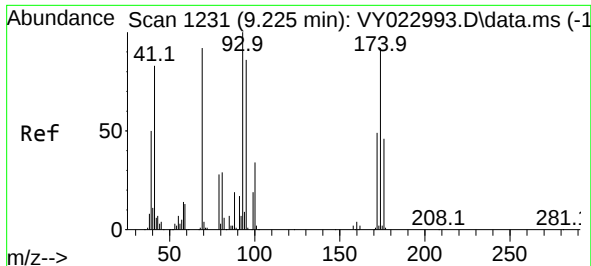
Ion Ratio Lower Upper

41 100

69 92.1 71.4 107.0

39 61.7 47.8 71.8





#49

1,4-Dioxane

Concen: 477.259 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

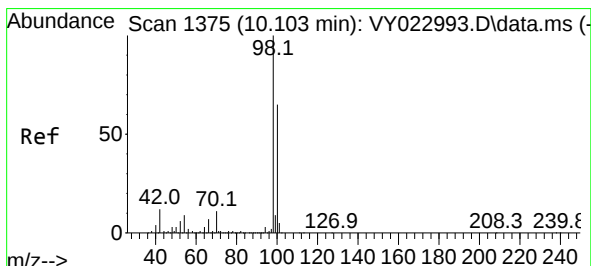
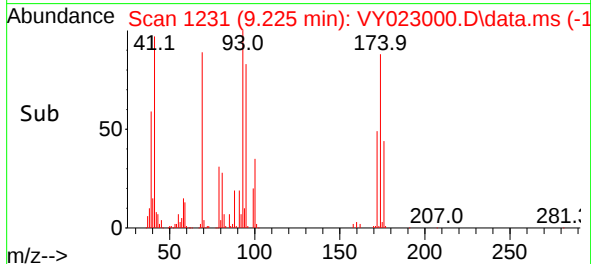
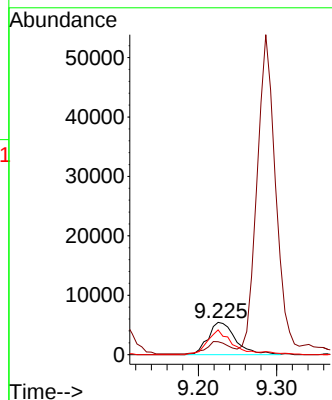
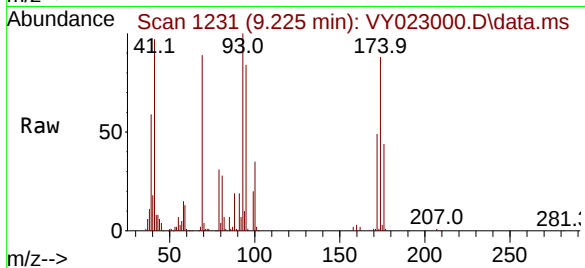
Tgt Ion: 88 Resp: 13277

Ion Ratio Lower Upper

88 100

43 32.4 28.7 43.1

58 67.7 59.8 89.6



#50

Toluene-d8

Concen: 47.172 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023000.D

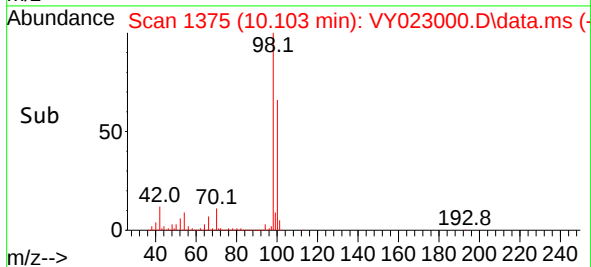
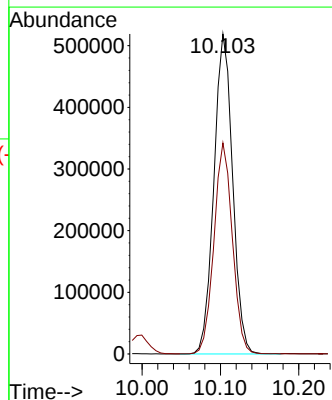
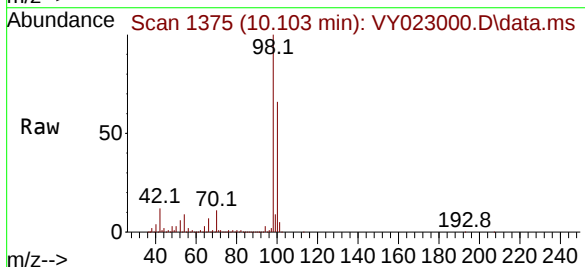
Acq: 18 Jul 2025 16:00

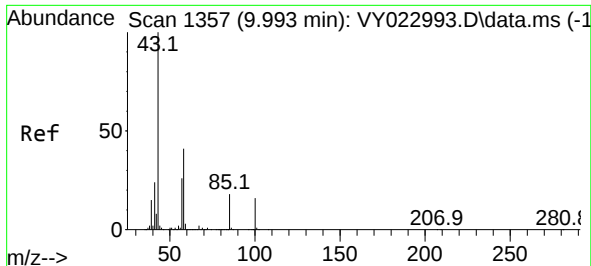
Tgt Ion: 98 Resp: 862393

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

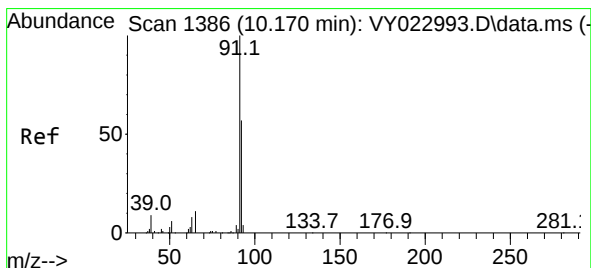
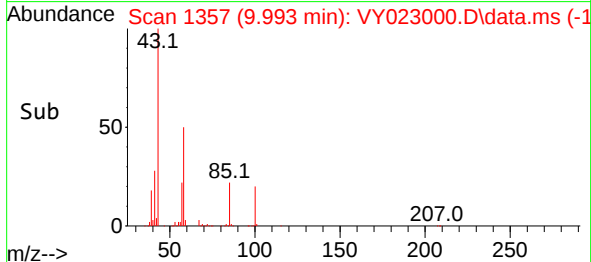
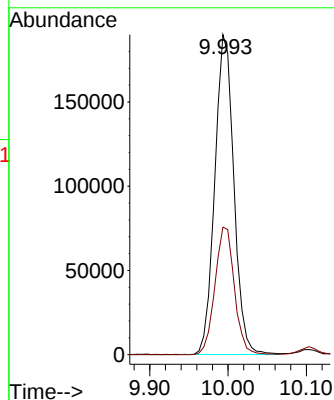
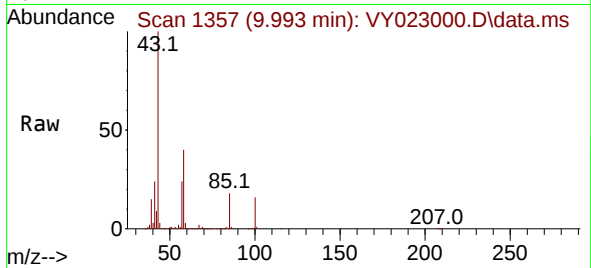




#51
4-Methyl-2-Pentanone
Concen: 118.388 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

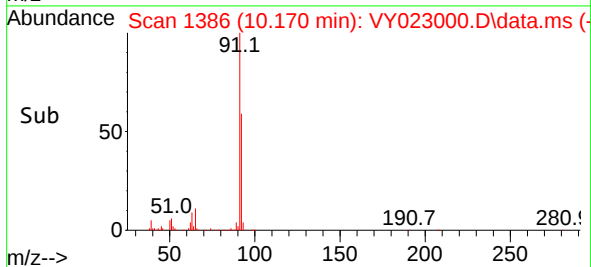
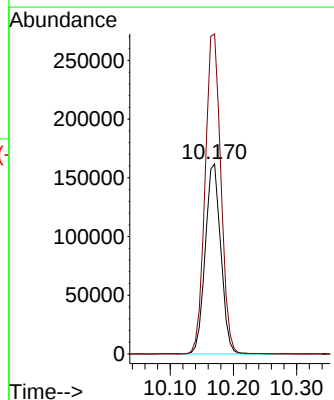
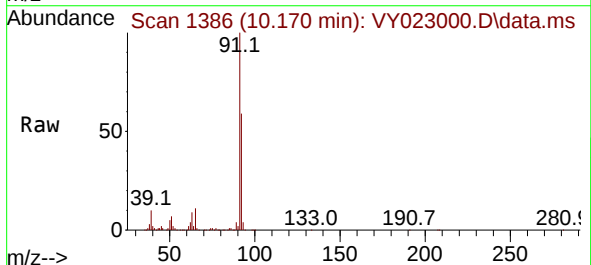
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

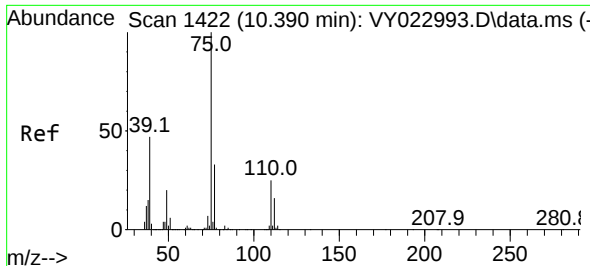
Tgt Ion: 43 Resp: 321913
Ion Ratio Lower Upper
43 100
58 40.7 32.5 48.7



#52
Toluene
Concen: 20.370 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 92 Resp: 276910
Ion Ratio Lower Upper
92 100
91 170.8 137.8 206.6

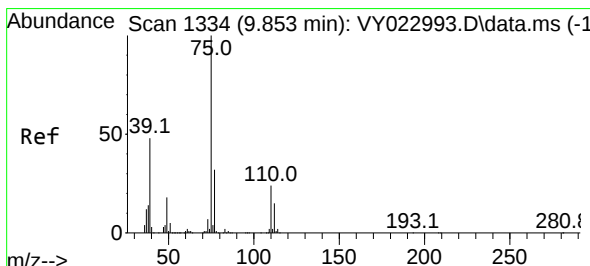
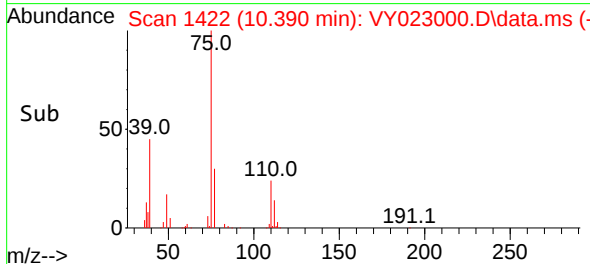
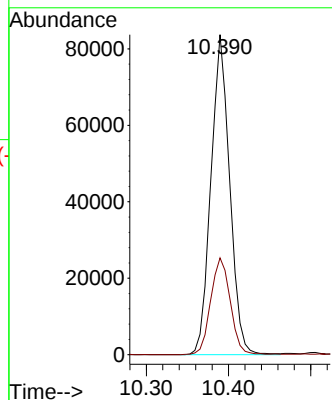
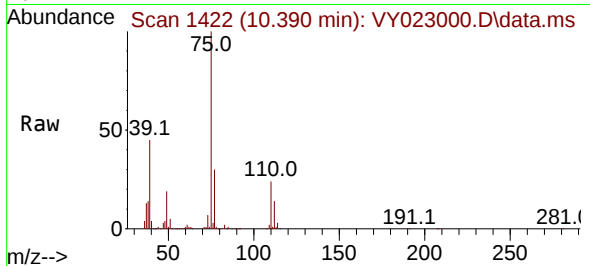




#53
t-1,3-Dichloropropene
Concen: 21.174 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

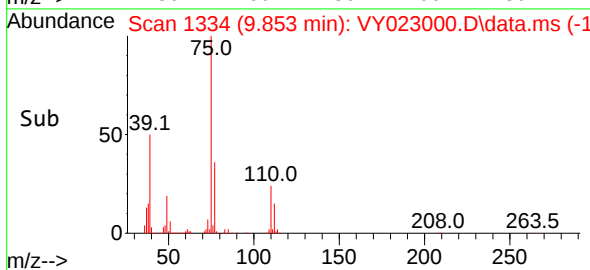
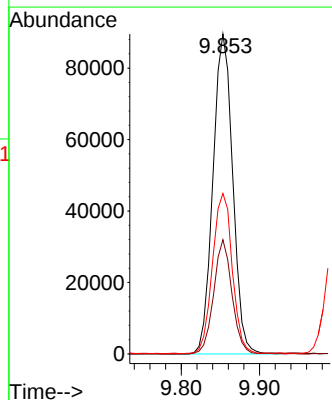
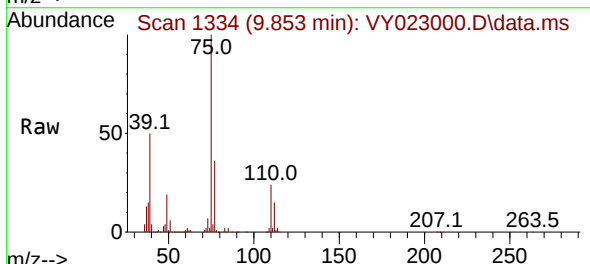
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

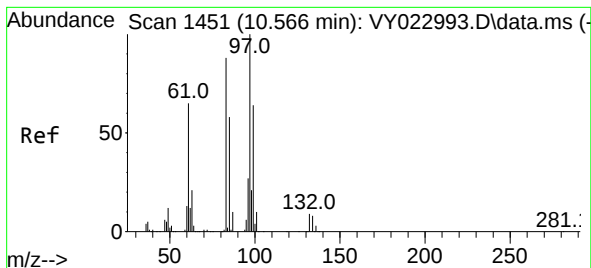
Tgt Ion: 75 Resp: 132598
Ion Ratio Lower Upper
75 100
77 30.3 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 20.791 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 75 Resp: 156932
Ion Ratio Lower Upper
75 100
77 35.7 25.4 38.0
39 50.1 38.2 57.2

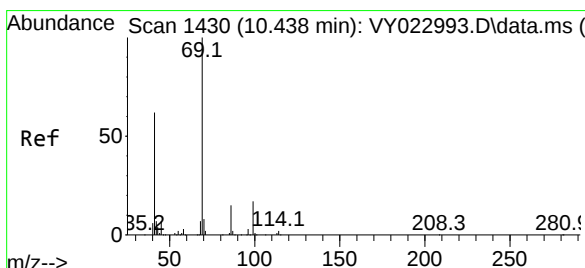
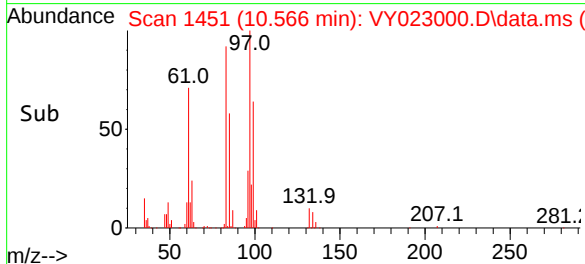
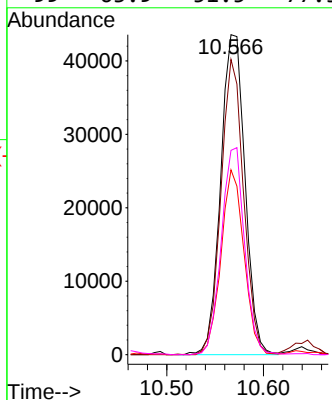
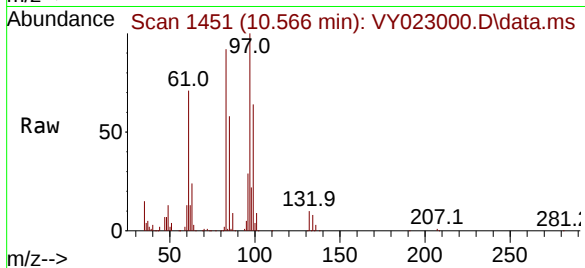




#55
1,1,2-Trichloroethane
Concen: 21.939 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

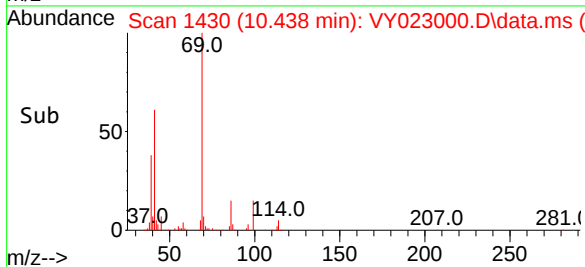
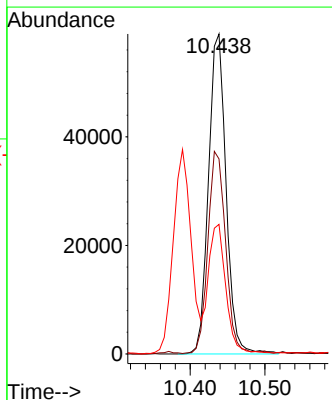
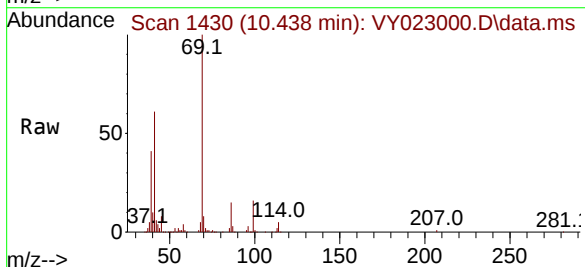
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

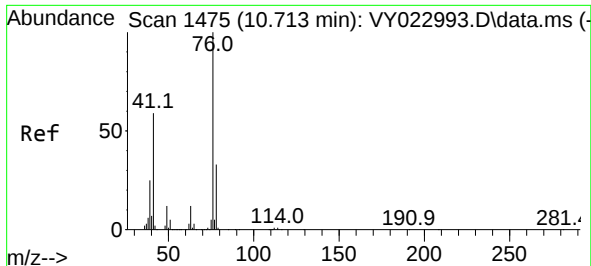
Tgt Ion: 97	Resp: 76101
Ion Ratio	Lower Upper
97 100	
83 92.1	70.2 105.2
85 57.8	46.2 69.2
99 63.9	51.5 77.3



#56
Ethyl methacrylate
Concen: 22.265 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 69	Resp: 96413
Ion Ratio	Lower Upper
69 100	
41 63.5	51.0 76.4
39 39.9	30.6 46.0





#57

1,3-Dichloropropane

Concen: 22.114 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

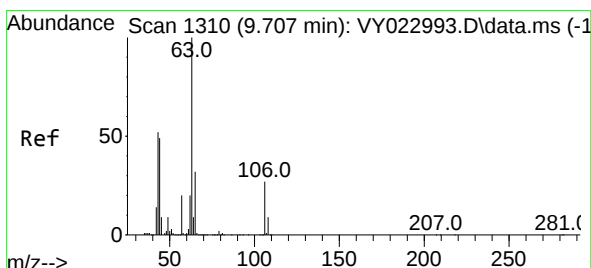
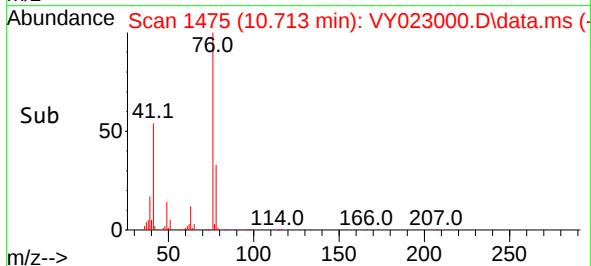
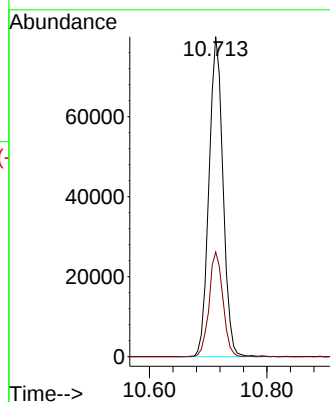
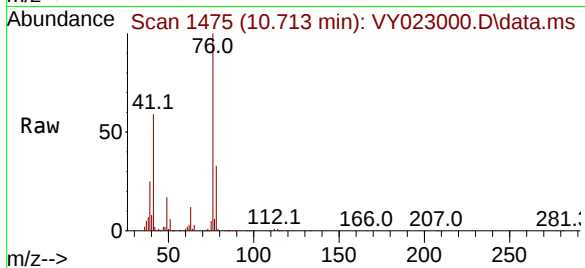
VY0718SBS01

Tgt Ion: 76 Resp: 132512

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 107.314 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023000.D

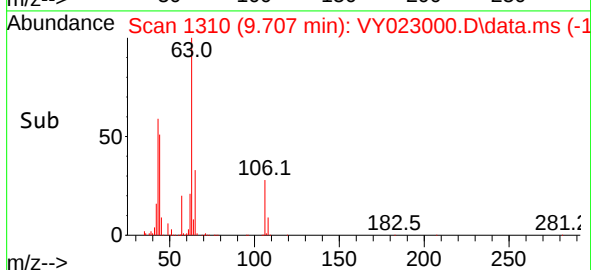
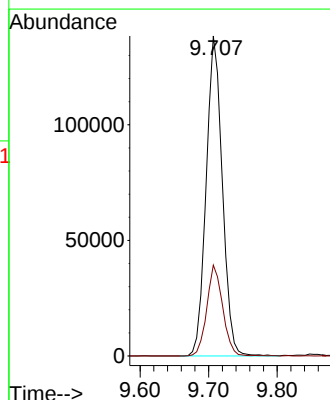
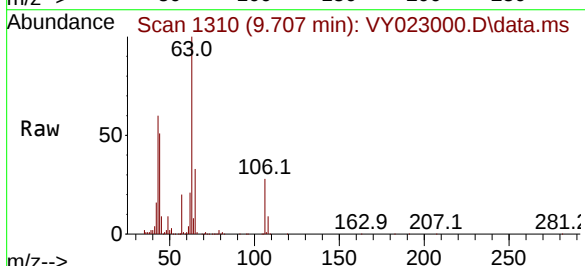
Acq: 18 Jul 2025 16:00

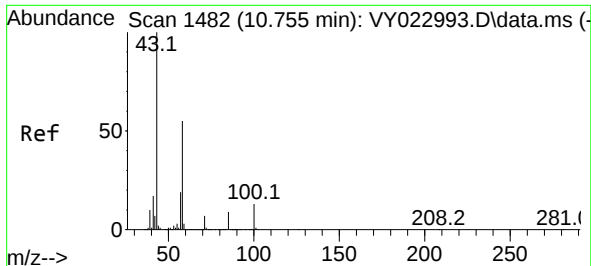
Tgt Ion: 63 Resp: 227470

Ion Ratio Lower Upper

63 100

106 27.9 22.6 33.8

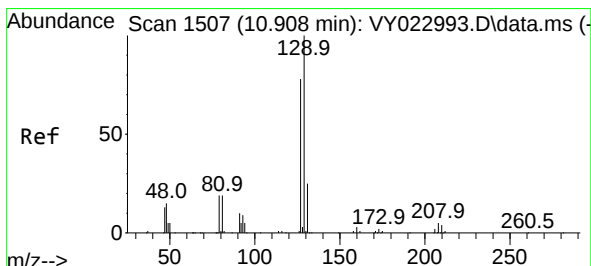
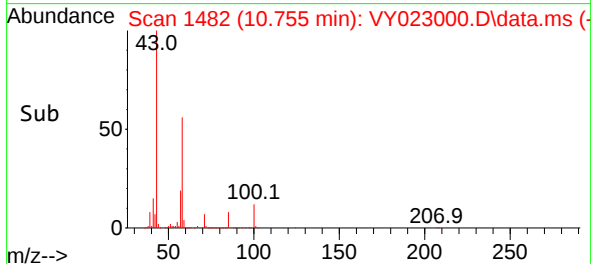
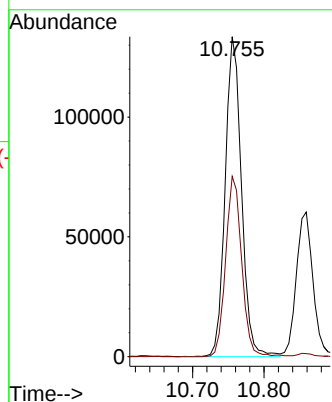
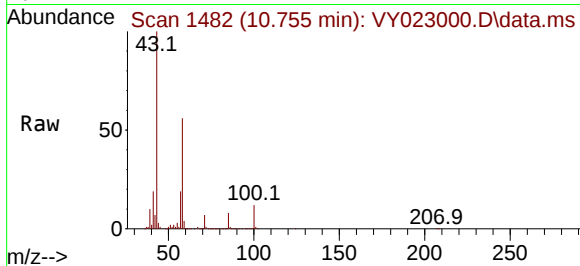




#59
2-Hexanone
Concen: 118.246 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

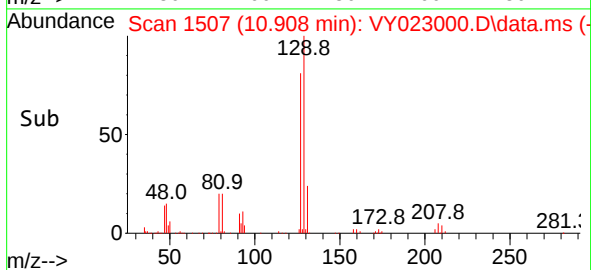
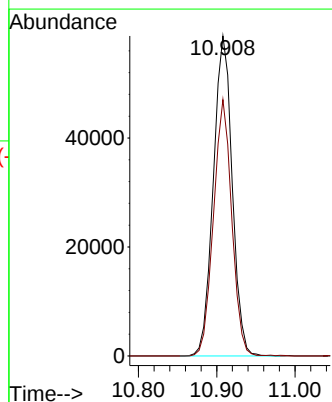
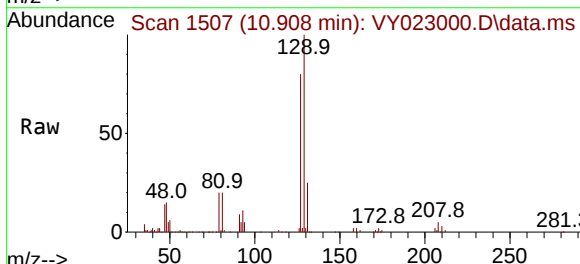
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

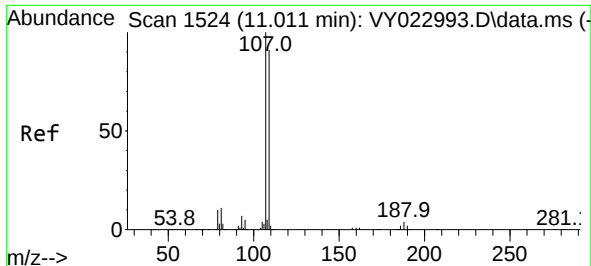
Tgt Ion: 43 Resp: 211344
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3



#60
Dibromochloromethane
Concen: 21.663 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 129 Resp: 98399
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

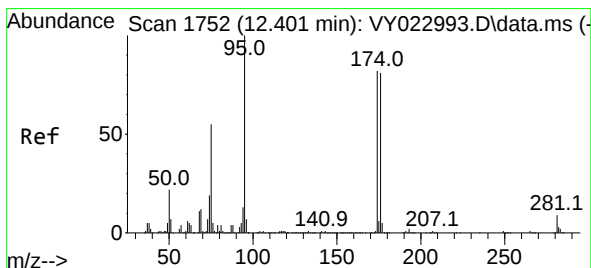
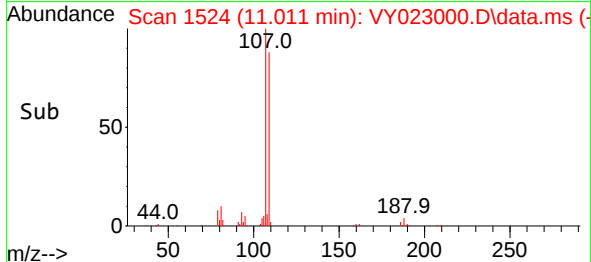
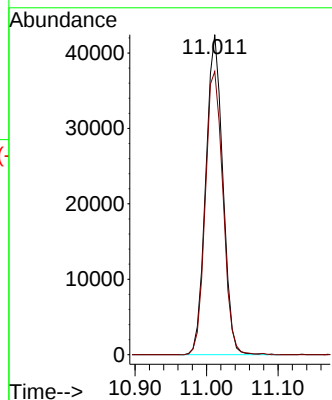
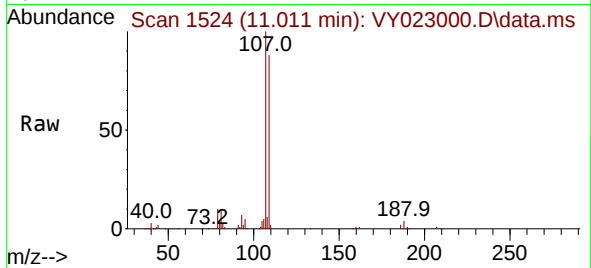




#61
1,2-Dibromoethane
Concen: 22.273 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

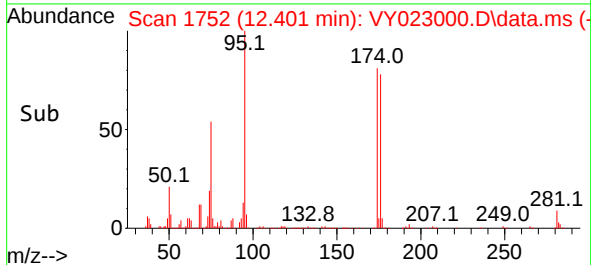
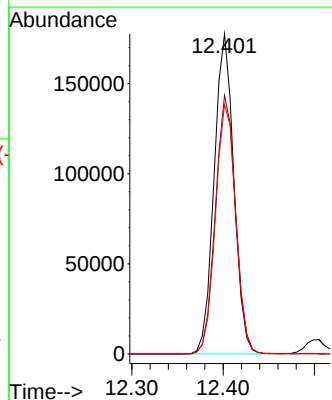
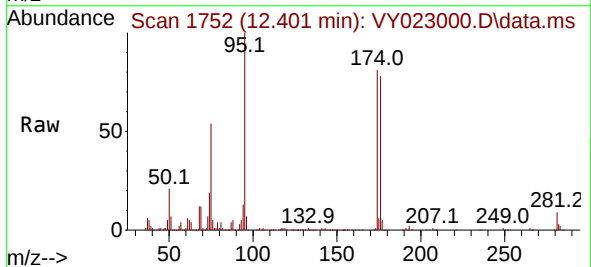
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

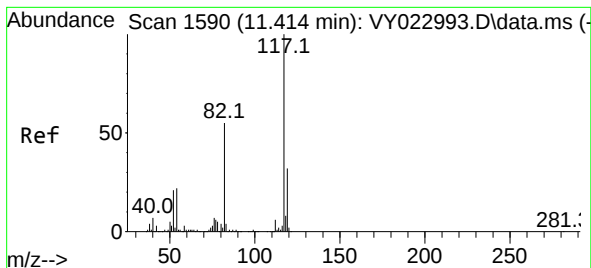
Tgt Ion:107 Resp: 70161
Ion Ratio Lower Upper
107 100
109 91.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.158 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 95 Resp: 265634
Ion Ratio Lower Upper
95 100
174 82.9 0.0 170.8
176 80.6 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

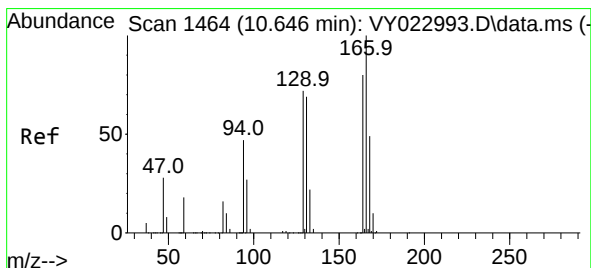
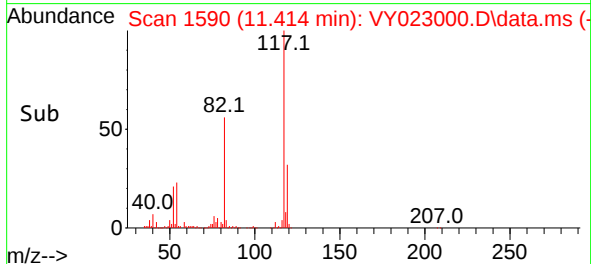
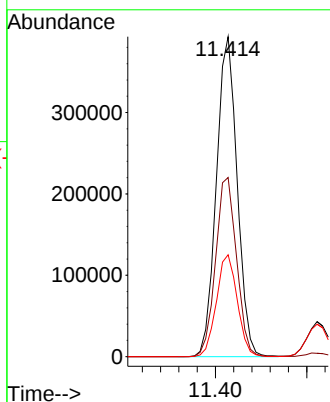
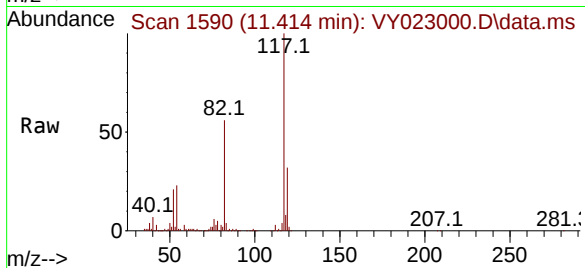
Tgt Ion:117 Resp: 622024

Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 18.602 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Tgt Ion:164 Resp: 118268

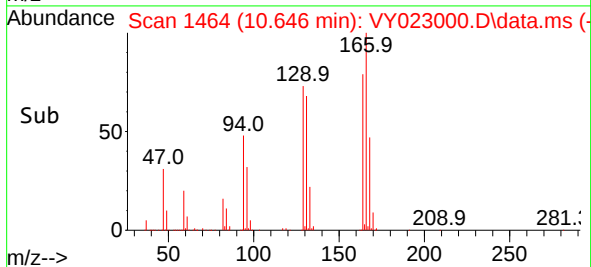
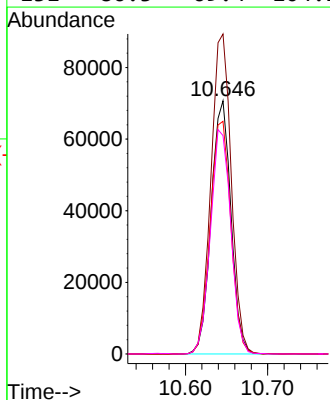
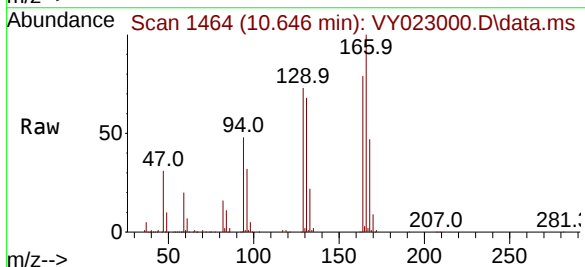
Ion Ratio Lower Upper

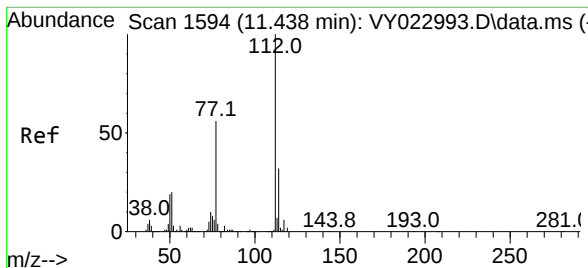
164 100

166 126.4 100.2 150.2

129 91.9 71.7 107.5

131 86.3 69.4 104.2

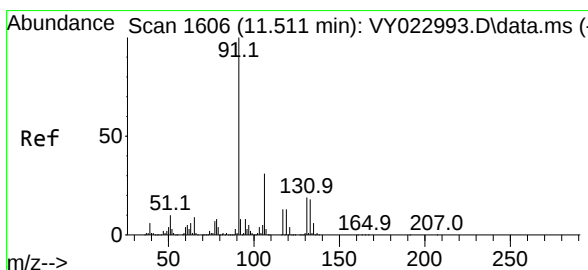
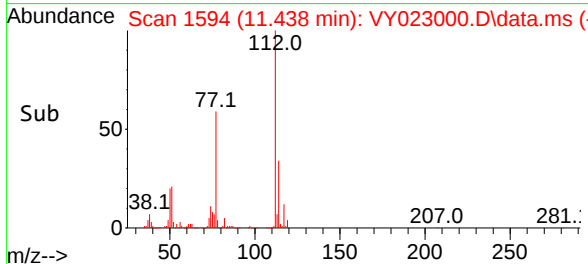
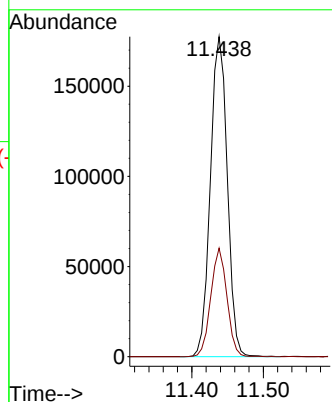
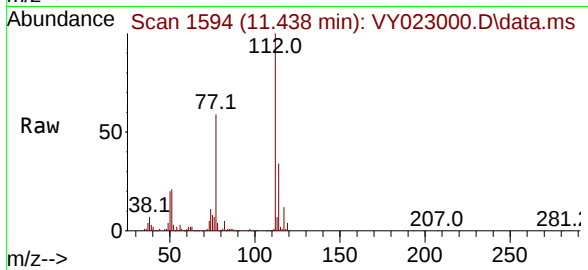




#65
Chlorobenzene
Concen: 19.871 ug/l
RT: 11.438 min Scan# 11594
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

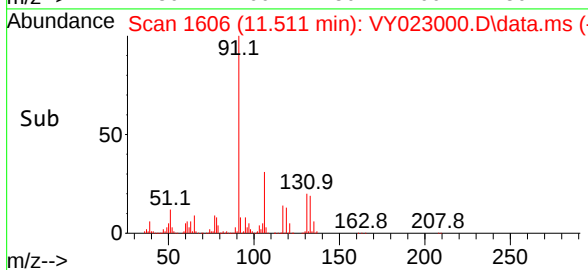
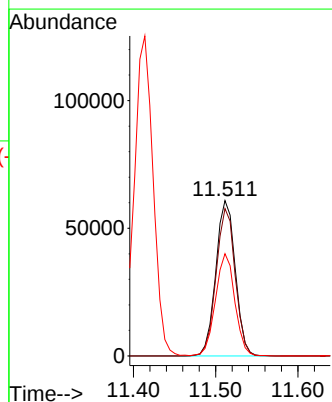
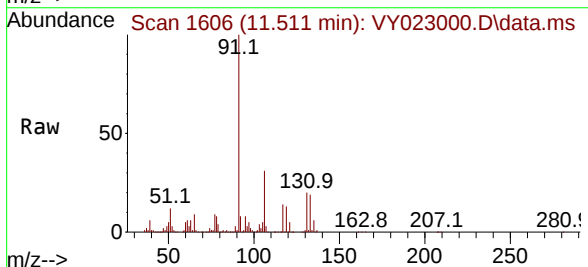
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

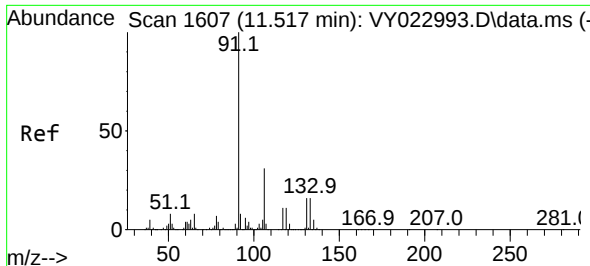
Tgt Ion:112 Resp: 291672
Ion Ratio Lower Upper
112 100
114 33.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.946 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion:131 Resp: 99858
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.3
119 65.7 33.3 99.8





#67

Ethyl Benzene

Concen: 19.239 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

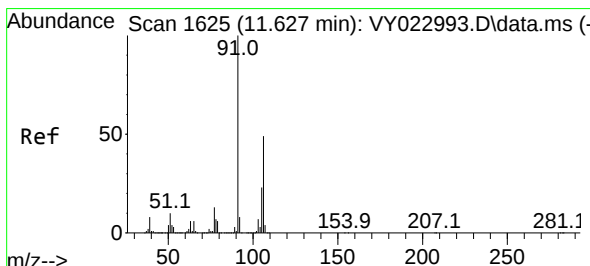
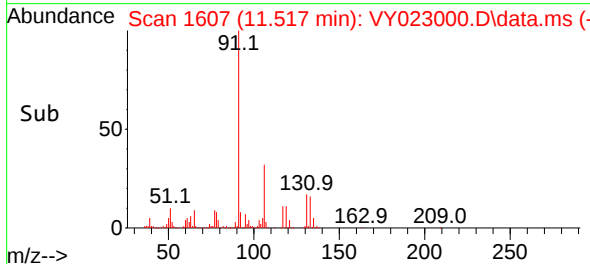
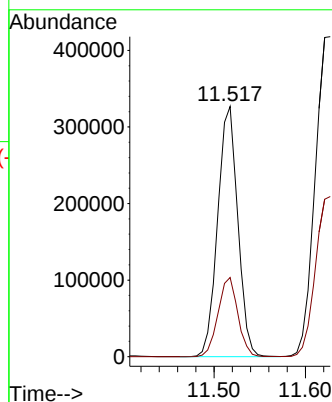
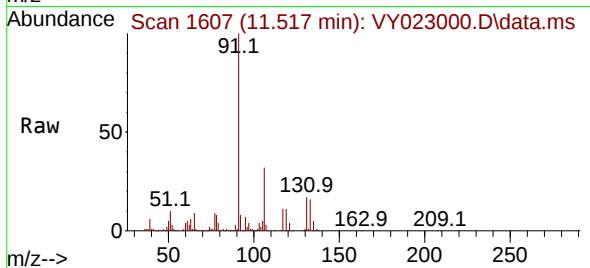
VY0718SBS01

Tgt Ion: 91 Resp: 500539

Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



#68

m/p-Xylenes

Concen: 38.465 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023000.D

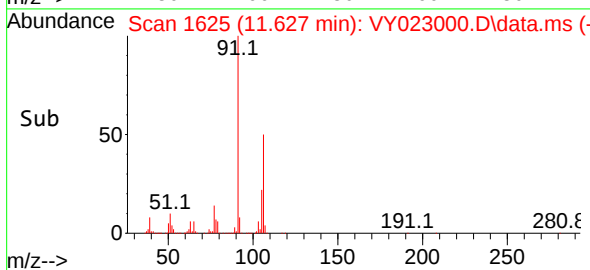
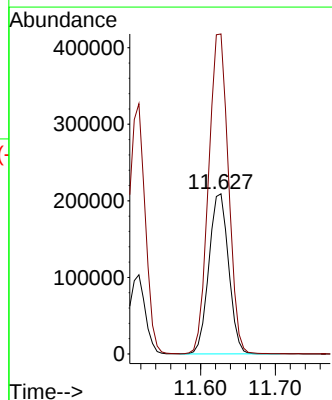
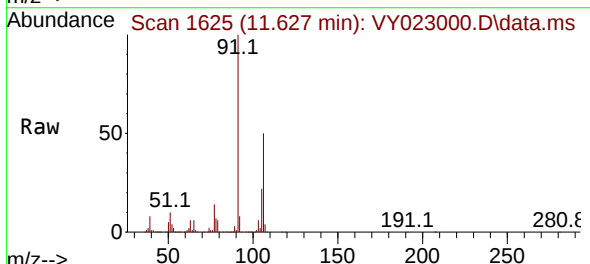
Acq: 18 Jul 2025 16:00

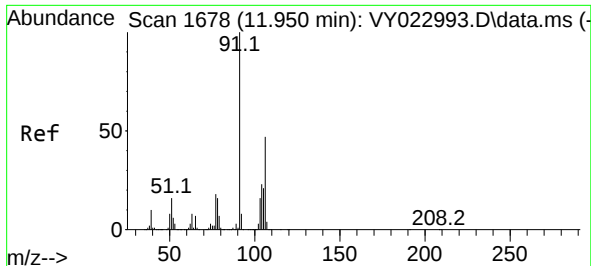
Tgt Ion:106 Resp: 383842

Ion Ratio Lower Upper

106 100

91 201.3 159.8 239.8

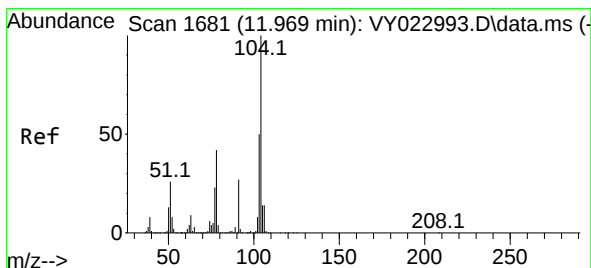
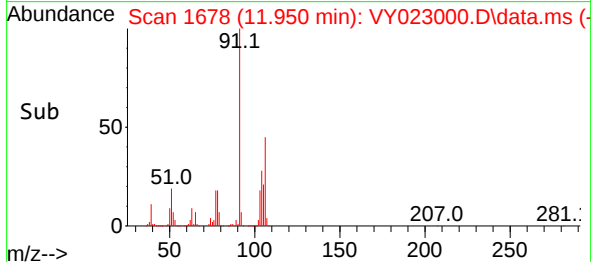
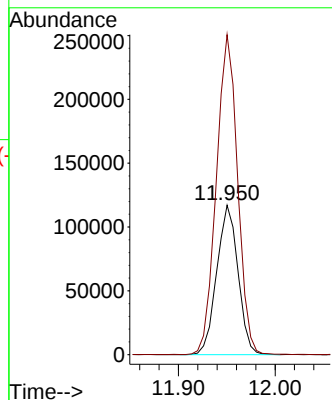
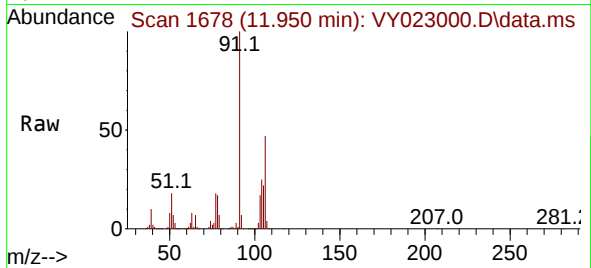




#69
o-Xylene
Concen: 19.266 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

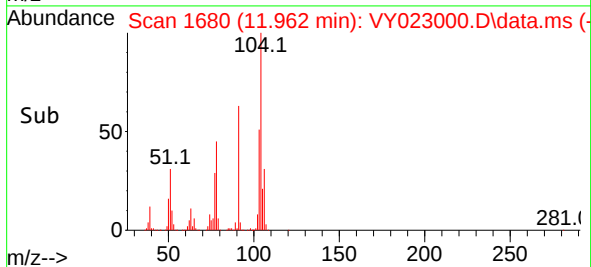
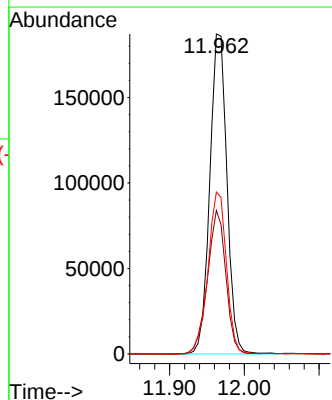
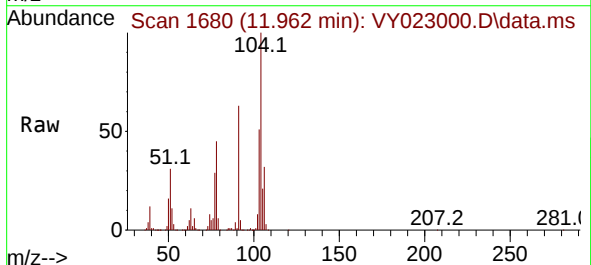
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

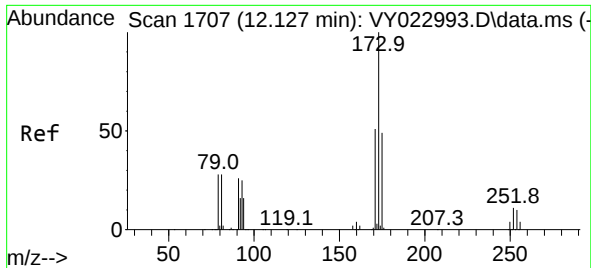
Tgt Ion:106 Resp: 178419
Ion Ratio Lower Upper
106 100
91 214.3 106.3 318.8



#70
Styrene
Concen: 19.729 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion:104 Resp: 299288
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.4 43.7 65.5

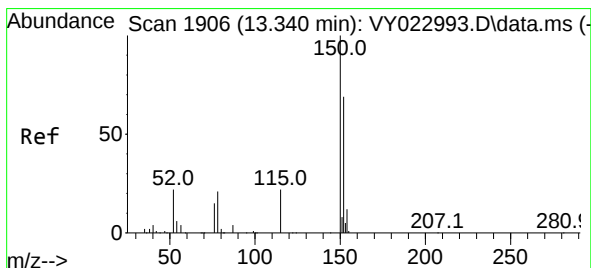
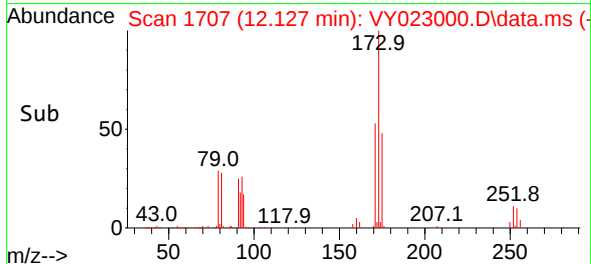
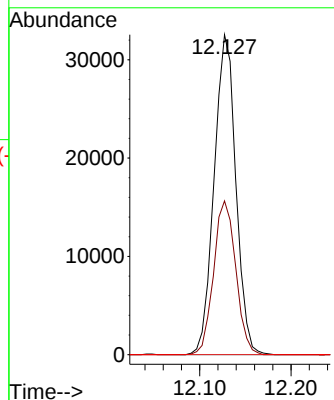
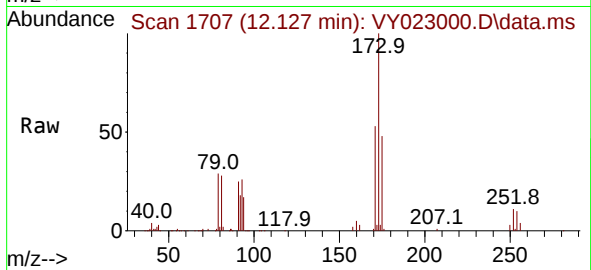




#71
Bromoform
Concen: 21.158 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

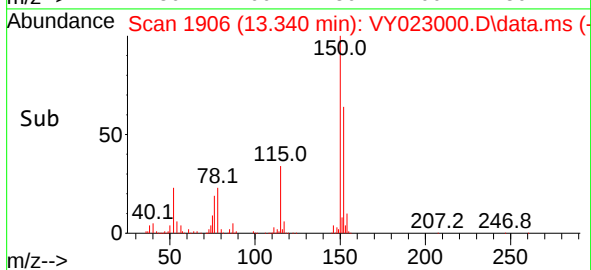
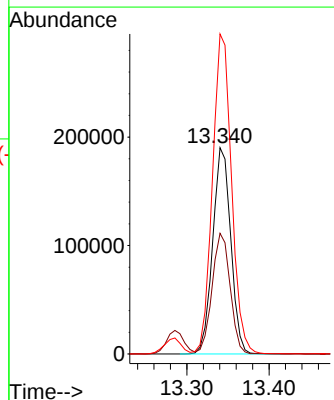
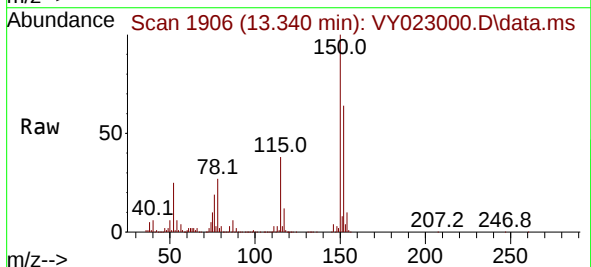
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

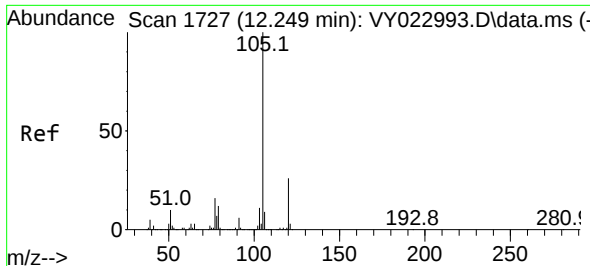
Tgt Ion:173 Resp: 53773
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion:152 Resp: 290368
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.2
150 163.9 0.0 350.0

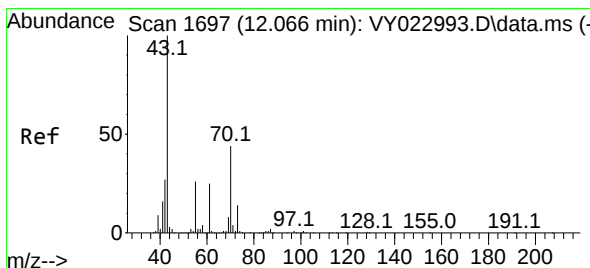
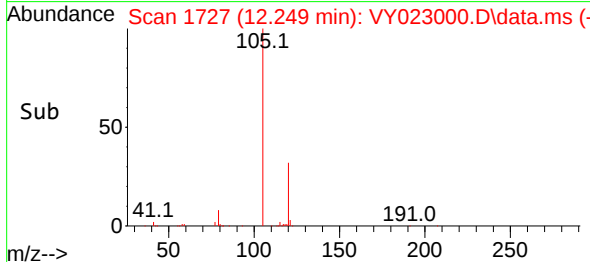
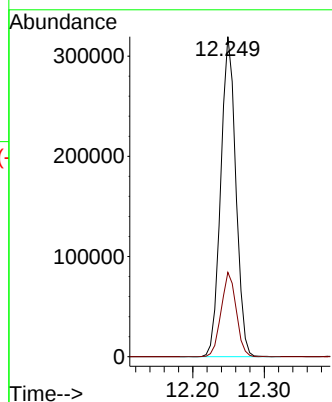
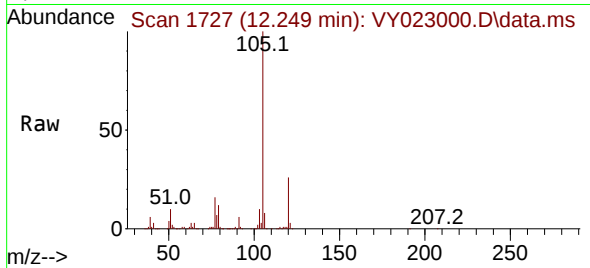




#73
Isopropylbenzene
Concen: 19.065 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

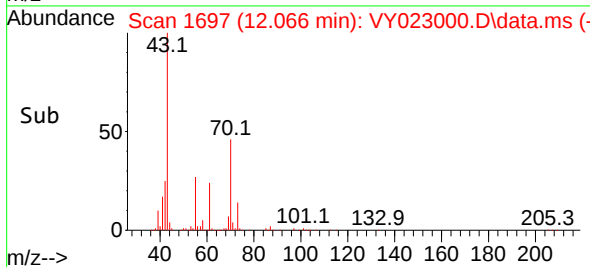
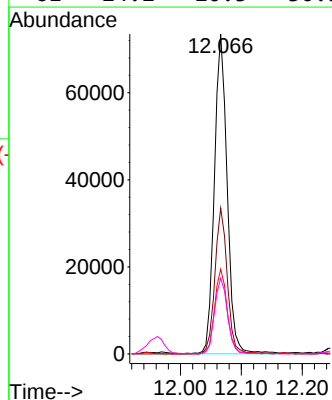
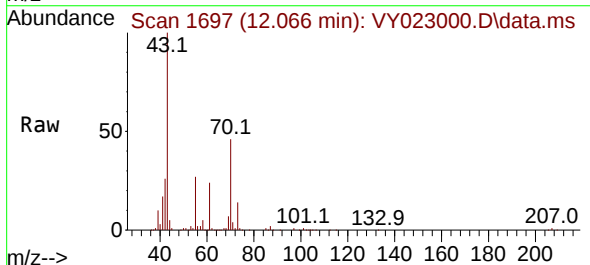
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

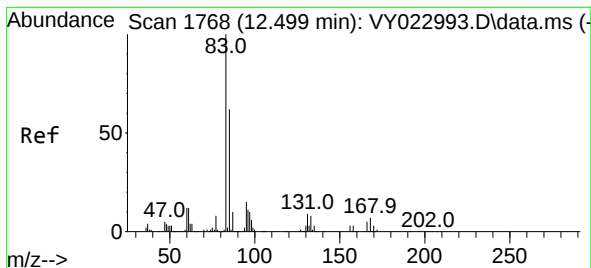
Tgt Ion:105 Resp: 469340
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 23.049 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 43 Resp: 106978
Ion Ratio Lower Upper
43 100
70 44.5 36.2 54.2
55 26.0 20.9 31.3
61 24.2 20.3 30.5

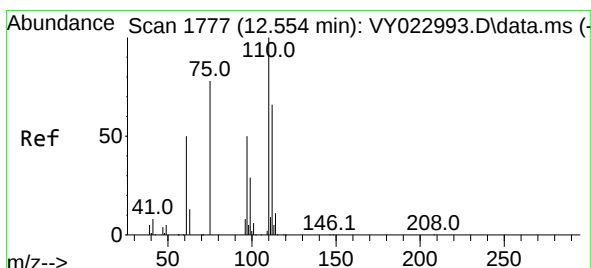
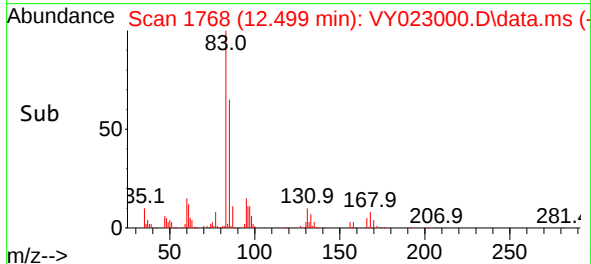
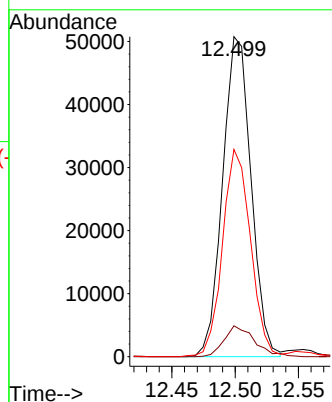
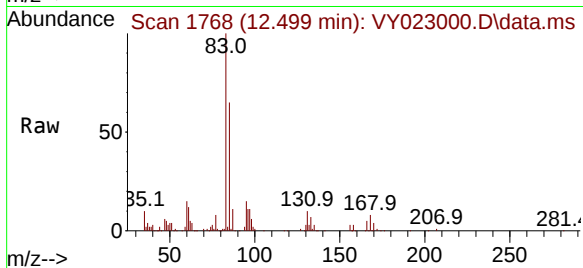




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.268 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

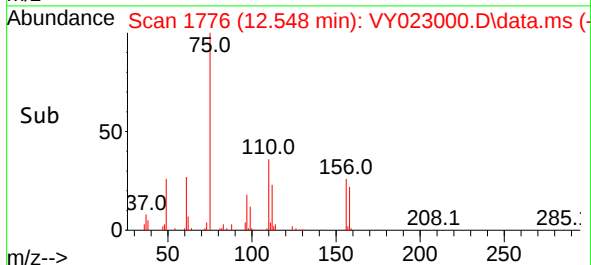
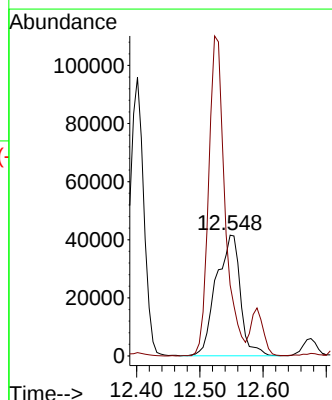
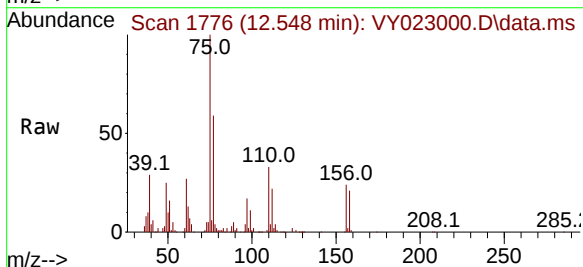
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

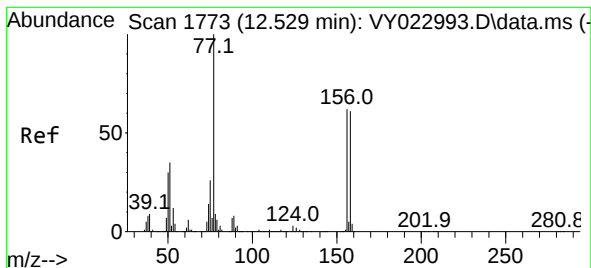
Tgt Ion: 83 Resp: 79332
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.4
 85 63.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 30.337 ug/l
 RT: 12.548 min Scan# 1776
 Delta R.T. -0.006 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

Tgt Ion: 75 Resp: 109767
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.821 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

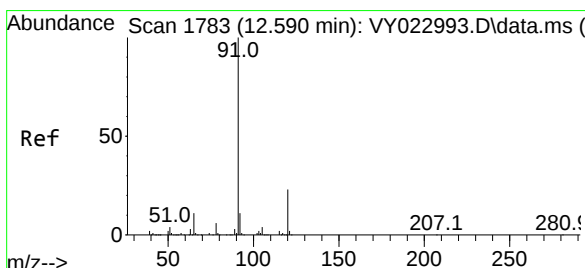
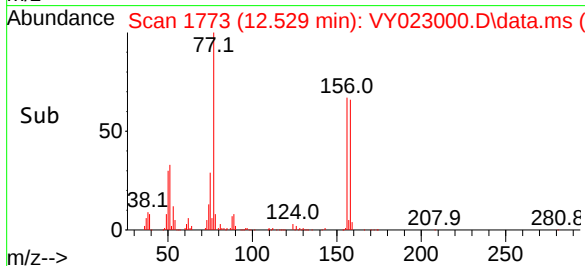
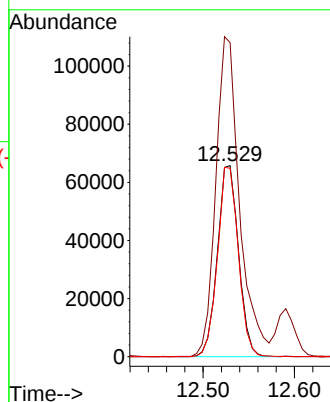
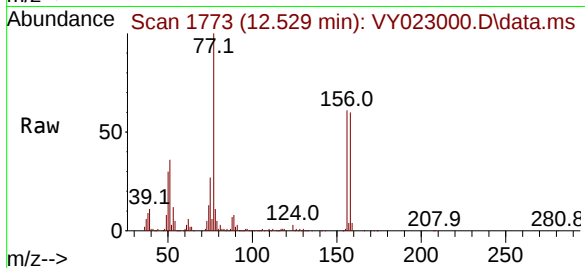
Tgt Ion:156 Resp: 105831

Ion Ratio Lower Upper

156 100

77 188.1 92.0 276.1

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.503 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023000.D

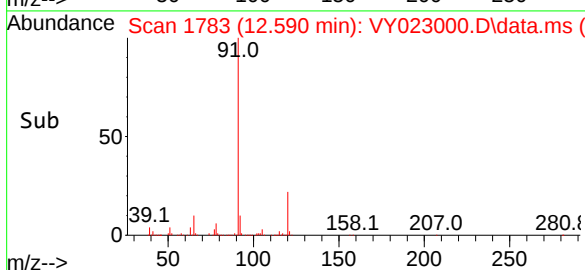
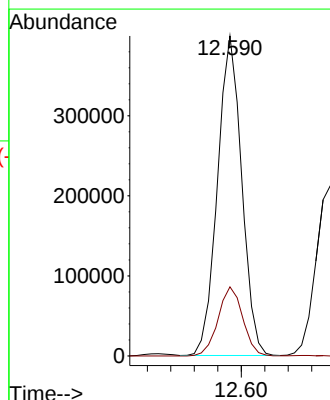
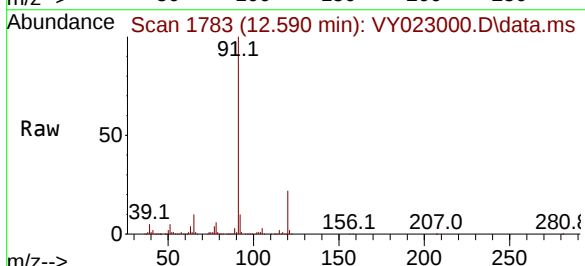
Acq: 18 Jul 2025 16:00

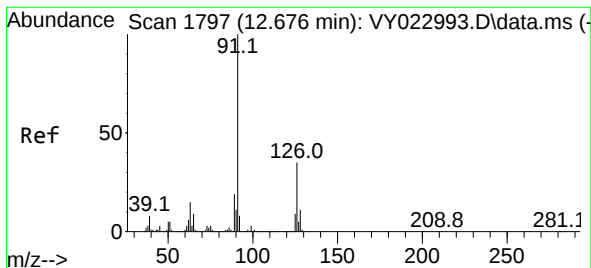
Tgt Ion: 91 Resp: 571745

Ion Ratio Lower Upper

91 100

120 22.0 11.3 33.8

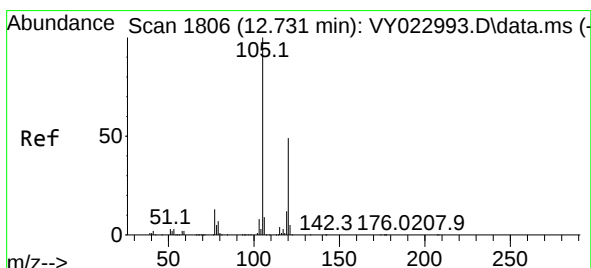
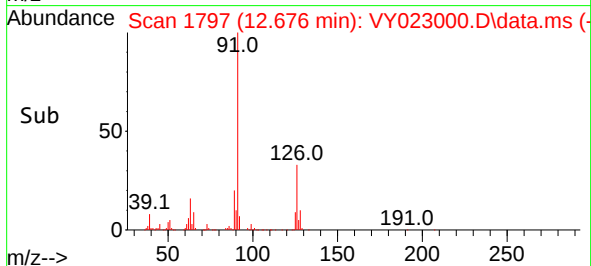
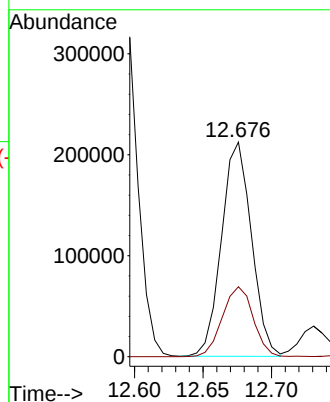
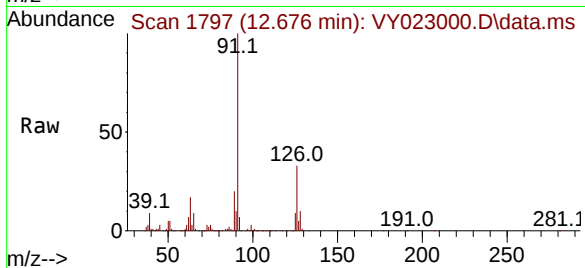




#79
2-Chlorotoluene
Concen: 19.588 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

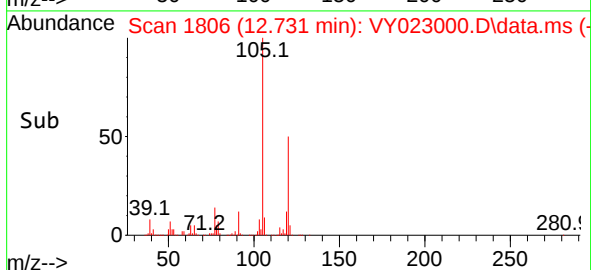
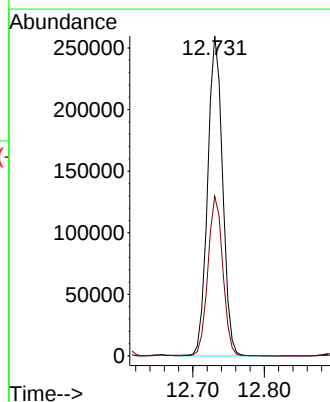
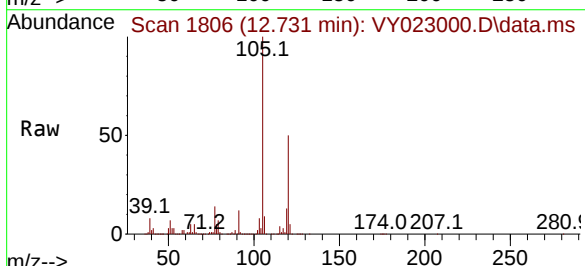
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

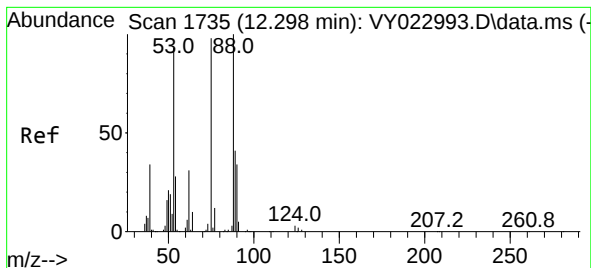
Tgt Ion: 91 Resp: 322963
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 19.435 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 105 Resp: 377356
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.8

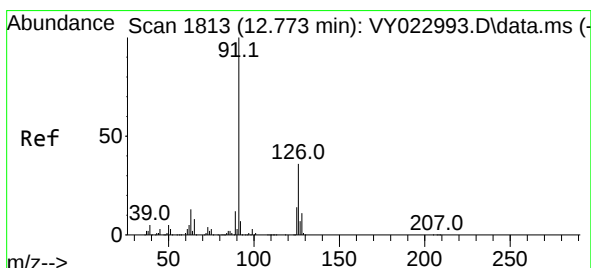
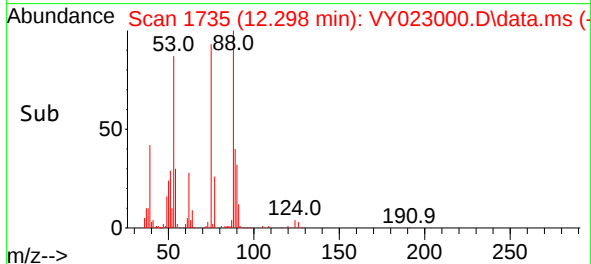
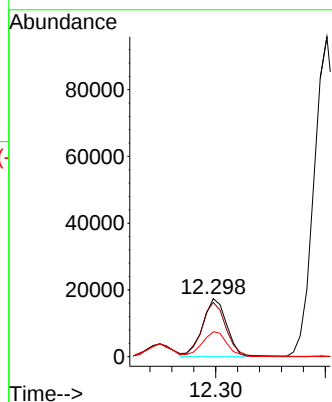
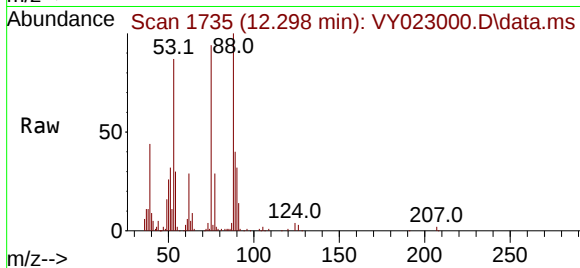




#81
trans-1,4-Dichloro-2-butene
Concen: 21.548 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

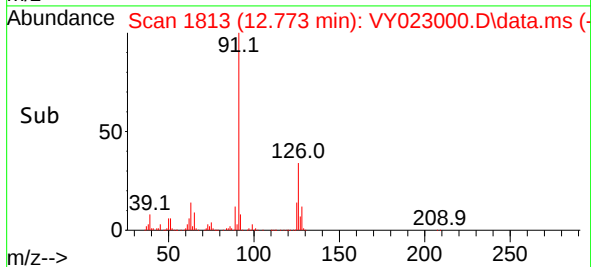
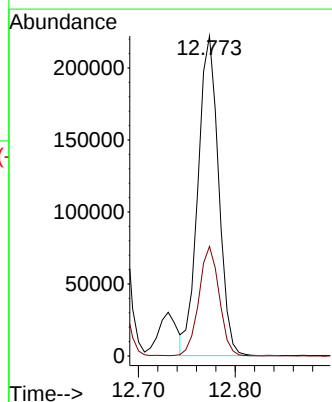
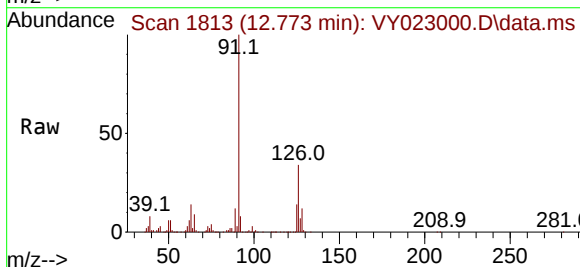
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

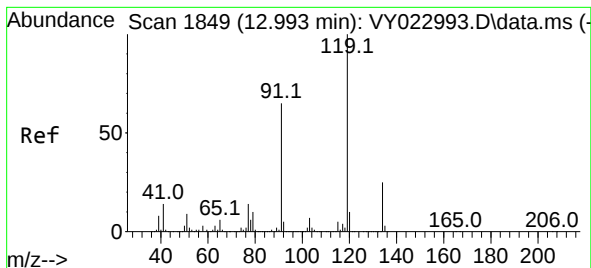
Tgt Ion: 75 Resp: 26176
Ion Ratio Lower Upper
75 100
53 95.3 76.1 114.1
89 45.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.725 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 91 Resp: 328021
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.5





#83

tert-Butylbenzene

Concen: 18.917 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

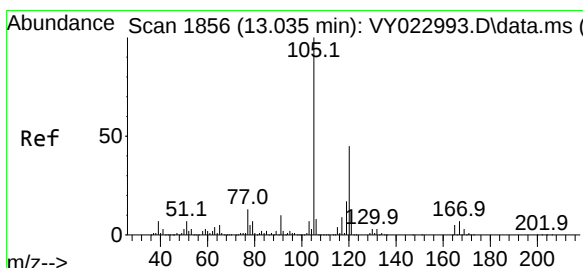
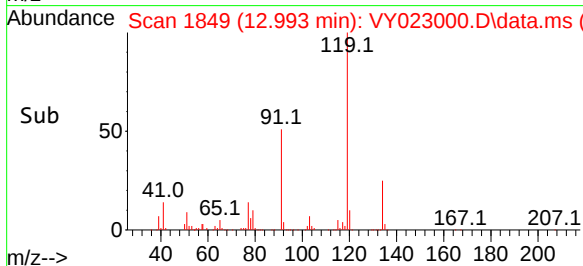
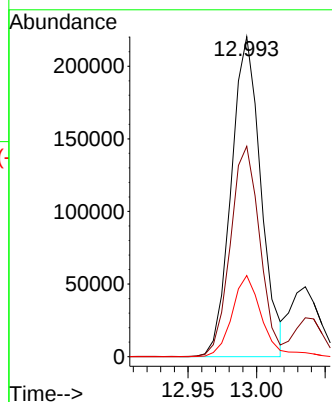
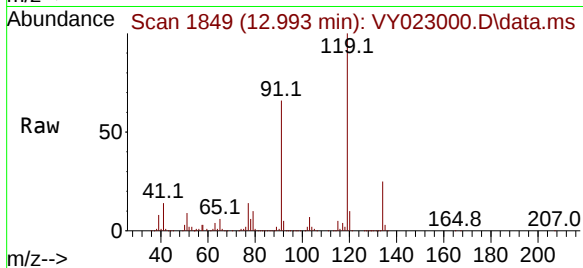
Tgt Ion:119 Resp: 331779

Ion Ratio Lower Upper

119 100

91 65.0 32.0 96.2

134 25.7 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 19.745 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VY023000.D

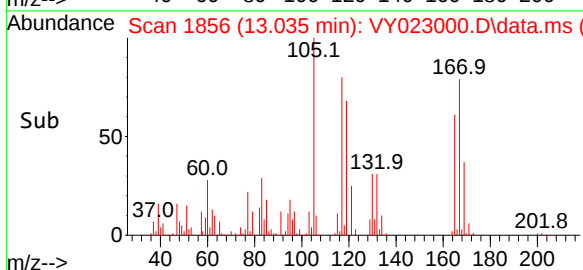
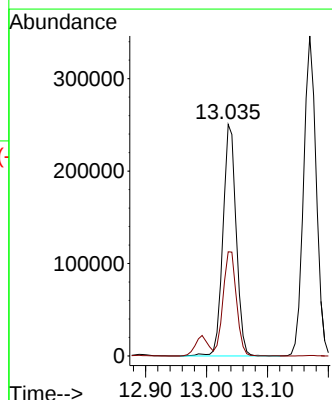
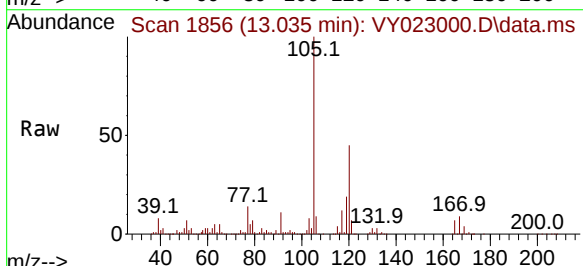
Acq: 18 Jul 2025 16:00

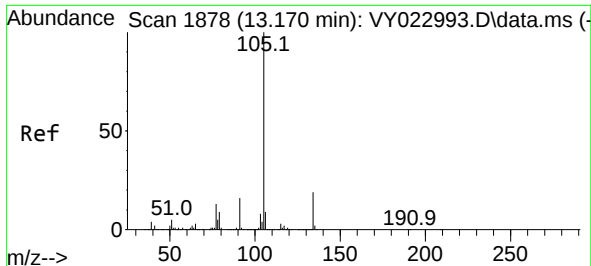
Tgt Ion:105 Resp: 377381

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.8

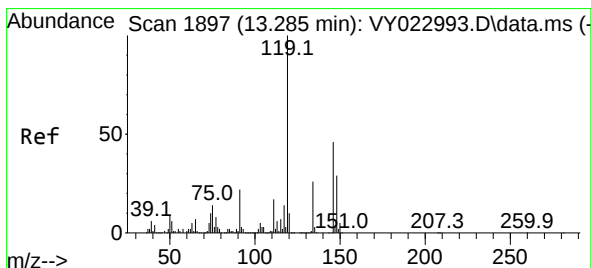
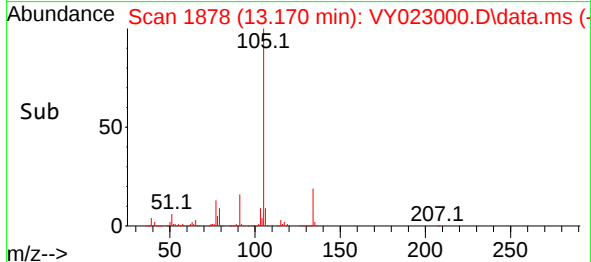
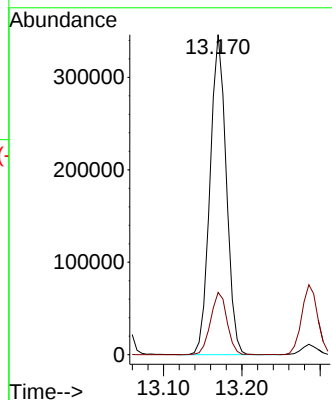
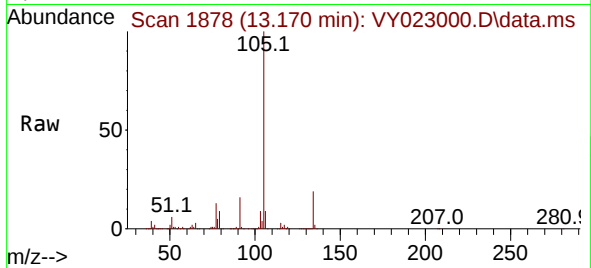




#85
 sec-Butylbenzene
 Concen: 18.928 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

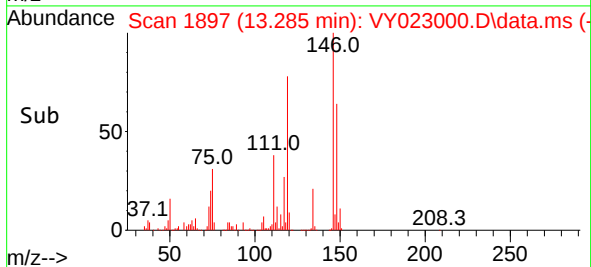
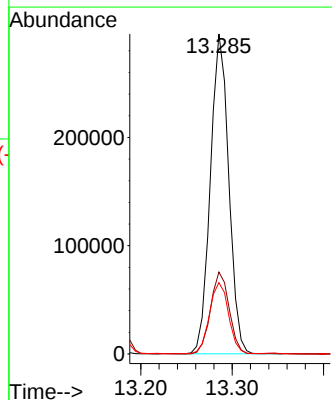
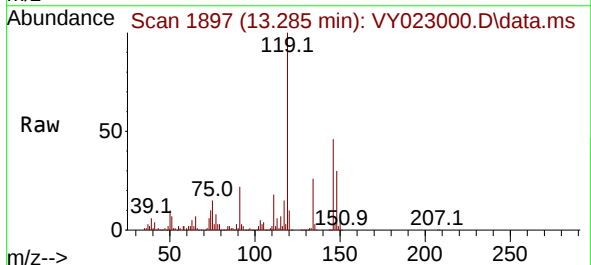
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

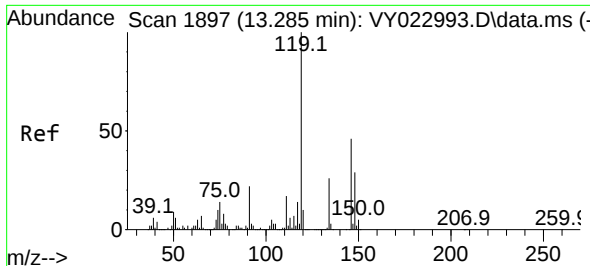
Tgt Ion:105 Resp: 497483
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.271 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

Tgt Ion:119 Resp: 411364
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.1 11.4 34.1

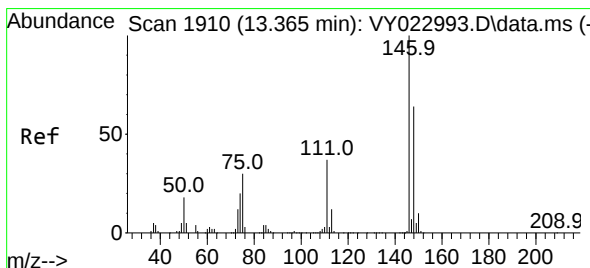
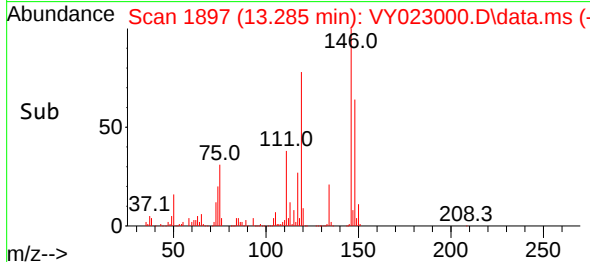
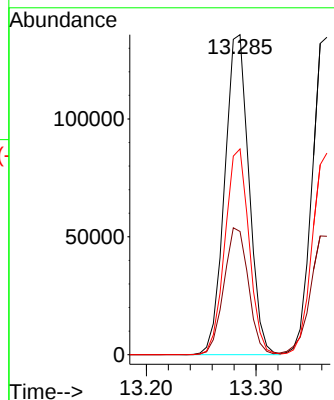
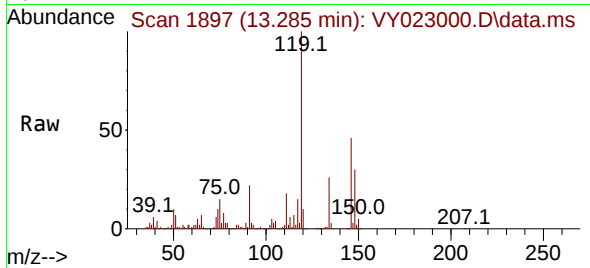




#87
 1,3-Dichlorobenzene
 Concen: 19.352 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

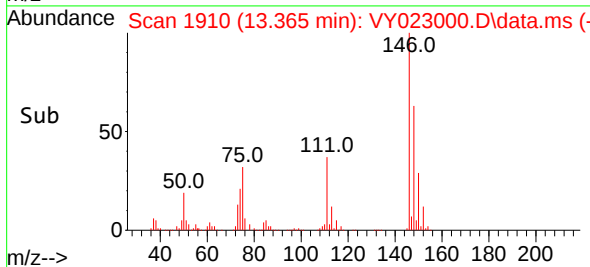
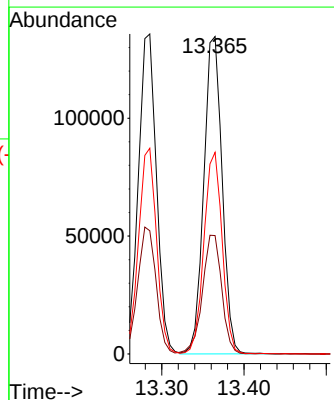
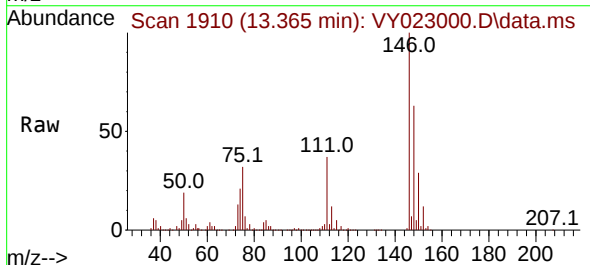
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBSD01

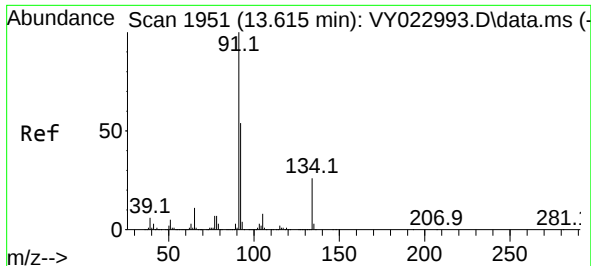
Tgt Ion:146 Resp: 208525
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.8 59.3
 148 64.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.973 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

Tgt Ion:146 Resp: 208199
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.2 57.6
 148 63.1 31.9 95.5

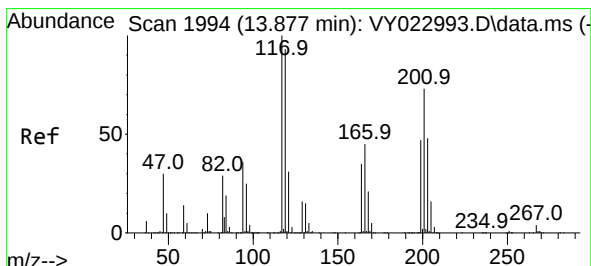
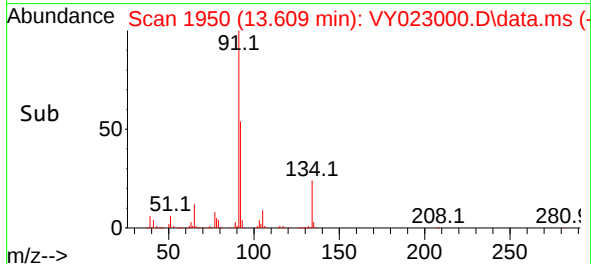
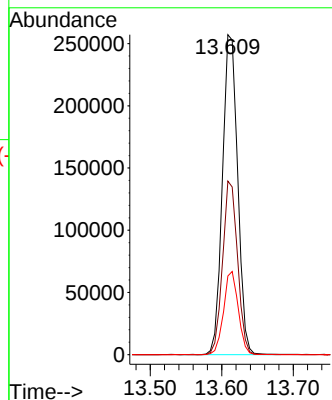
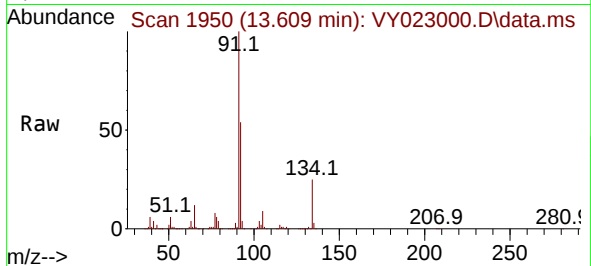




#89
n-Butylbenzene
Concen: 19.321 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

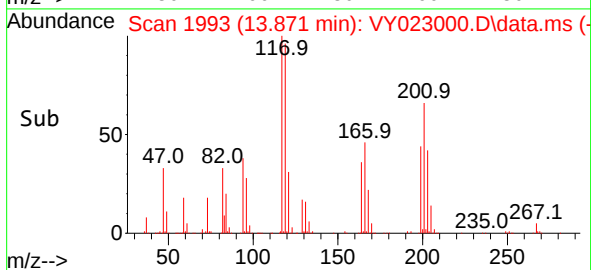
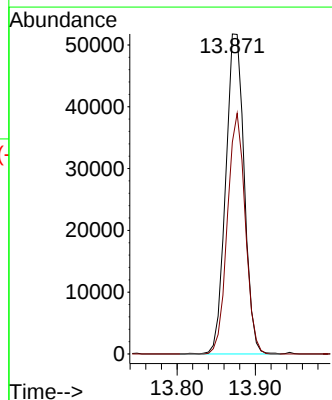
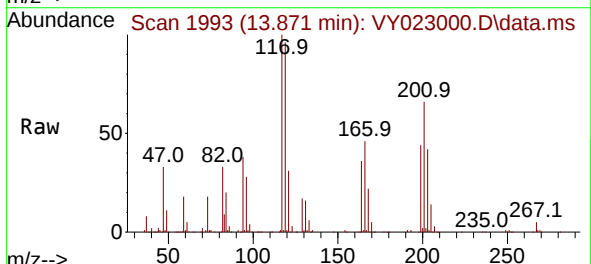
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

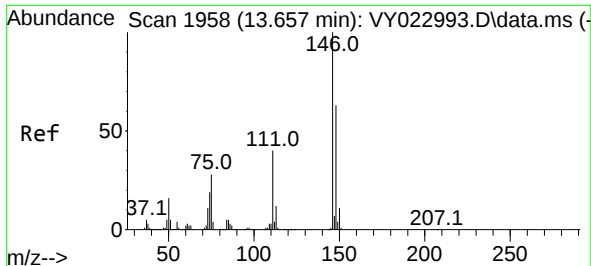
Tgt Ion: 91 Resp: 380572
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 19.261 ug/l
RT: 13.871 min Scan# 1993
Delta R.T. -0.006 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion: 117 Resp: 85123
Ion Ratio Lower Upper
117 100
201 72.4 36.1 108.5

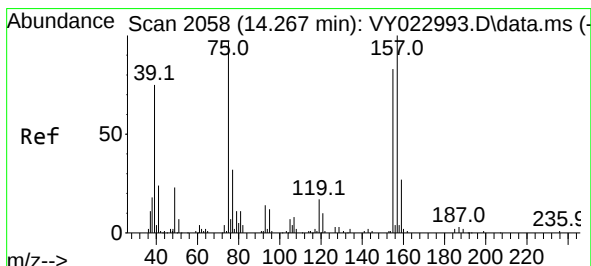
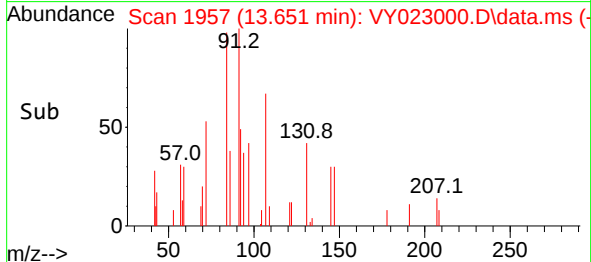
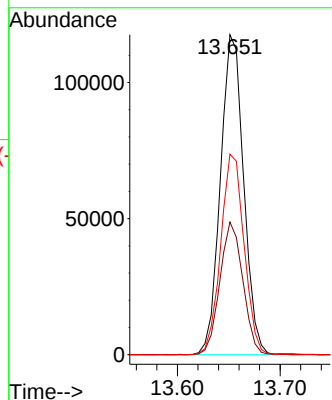
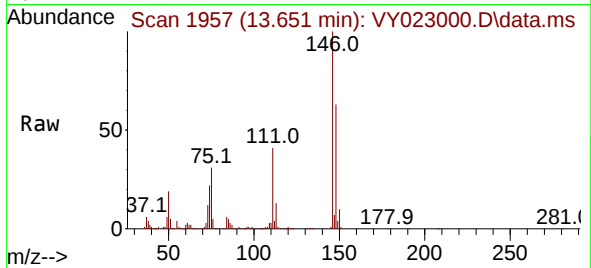




#91
 1,2-Dichlorobenzene
 Concen: 20.251 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

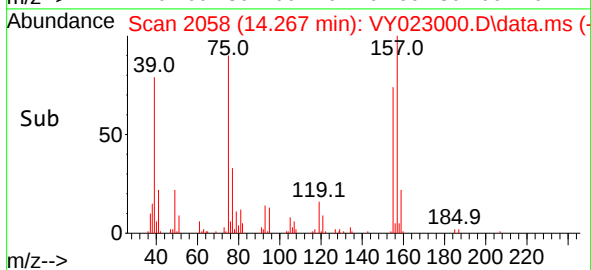
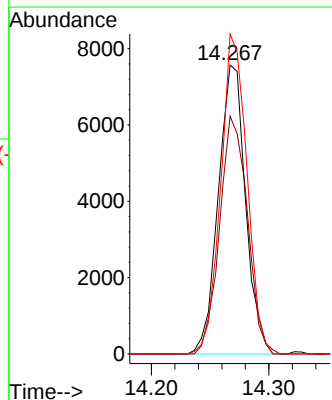
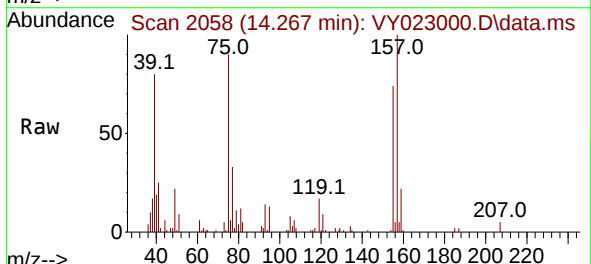
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBSD01

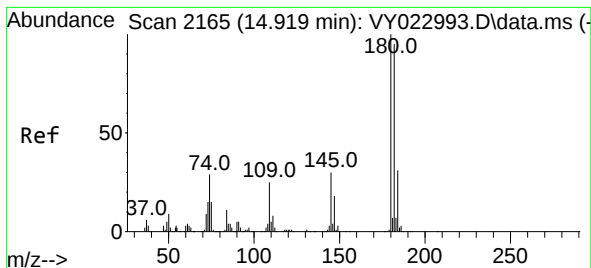
Tgt Ion:146 Resp: 184064
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 63.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.016 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VY023000.D
 Acq: 18 Jul 2025 16:00

Tgt Ion: 75 Resp: 12175
 Ion Ratio Lower Upper
 75 100
 155 83.9 42.8 128.3
 157 106.4 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 20.902 ug/l

RT: 14.913 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

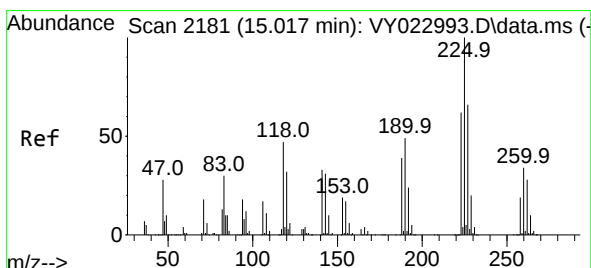
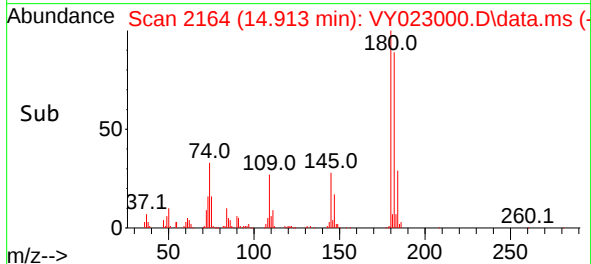
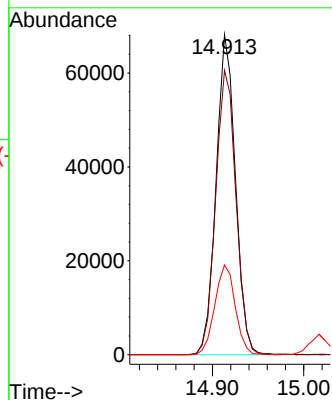
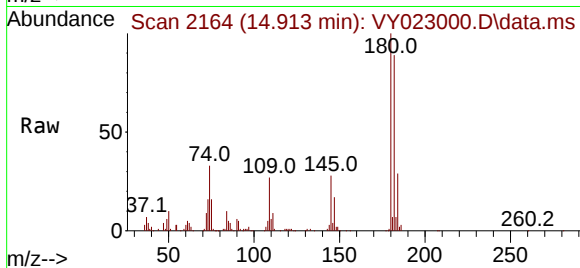
Tgt Ion:180 Resp: 100139

Ion Ratio Lower Upper

180 100

182 93.3 47.5 142.5

145 29.6 14.9 44.9



#94

Hexachlorobutadiene

Concen: 19.601 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023000.D

Acq: 18 Jul 2025 16:00

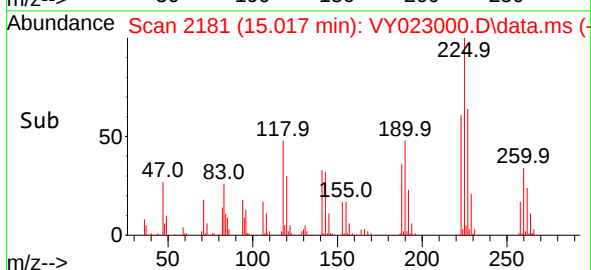
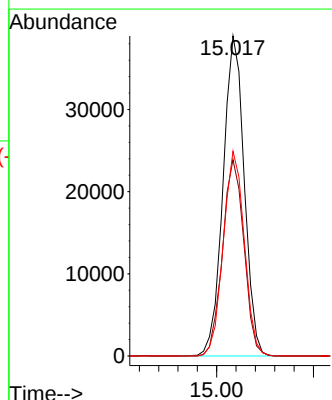
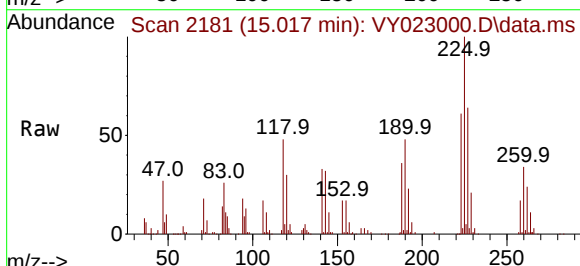
Tgt Ion:225 Resp: 59205

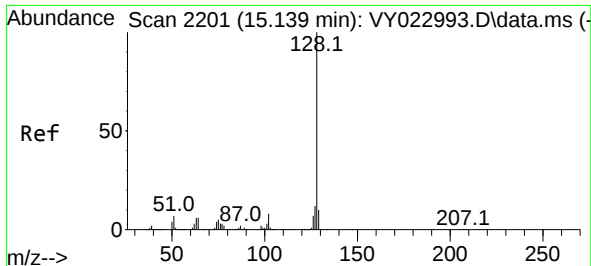
Ion Ratio Lower Upper

225 100

223 61.7 31.4 94.0

227 63.4 32.1 96.5

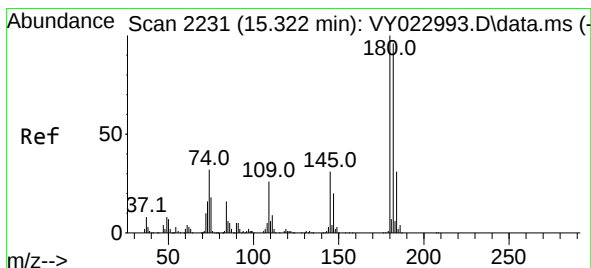
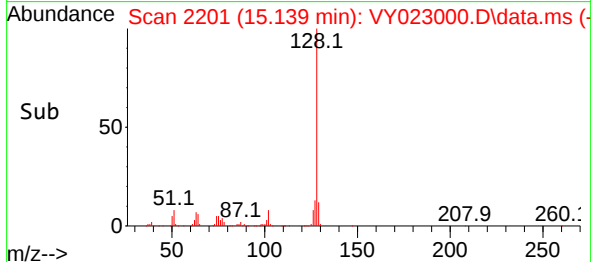
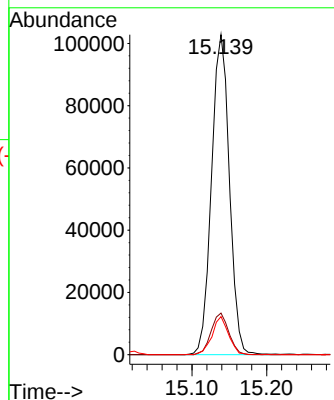
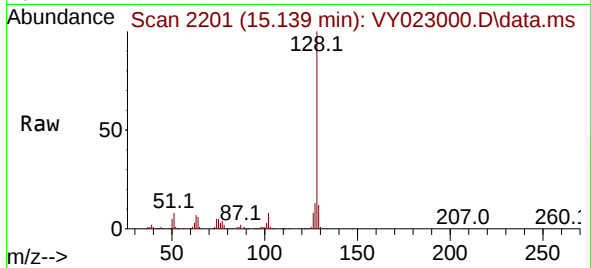




#95
Naphthalene
Concen: 22.220 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion:128 Resp: 170744
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.717 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY023000.D
Acq: 18 Jul 2025 16:00

Tgt Ion:180 Resp: 85911
Ion Ratio Lower Upper
180 100
182 91.2 47.3 142.0
145 31.2 15.8 47.4

