

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022999.D
 Acq On : 18 Jul 2025 15:37
 Operator : SY/MD
 Sample : VY01718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 02:10:58 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	436221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	709471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	602809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.341	152	278729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	222189	50.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.628	113	217239	48.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.540%	
50) Toluene-d8	10.103	98	860531	48.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.440%	
62) 4-Bromofluorobenzene	12.402	95	263791	46.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	75357	20.345	ug/l	98
3) Chloromethane	2.068	50	143349	22.761	ug/l	100
4) Vinyl Chloride	2.202	62	174459	21.864	ug/l	98
5) Bromomethane	2.586	94	137833	23.934	ug/l	99
6) Chloroethane	2.727	64	116439	21.850	ug/l	99
7) Trichlorofluoromethane	3.050	101	199524	21.541	ug/l	97
8) Diethyl Ether	3.452	74	50273	20.738	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	97156	19.967	ug/l	98
10) Methyl Iodide	4.001	142	81242	16.072	ug/l	99
11) Tert butyl alcohol	4.860	59	28396	106.325	ug/l	99
12) 1,1-Dichloroethene	3.781	96	93190	20.105	ug/l	99
13) Acrolein	3.641	56	18970	151.160	ug/l	98
14) Allyl chloride	4.379	41	141428	20.027	ug/l	99
15) Acrylonitrile	5.055	53	96308	104.884	ug/l	99
16) Acetone	3.867	43	83745	104.618	ug/l	95
17) Carbon Disulfide	4.098	76	286780	20.414	ug/l	99
18) Methyl Acetate	4.385	43	50379	18.590	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	225167	20.252	ug/l	99
20) Methylene Chloride	4.610	84	143610	20.608	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	102881	19.939	ug/l	96
22) Diisopropyl ether	6.019	45	309507	20.659	ug/l	99
23) Vinyl Acetate	5.958	43	808040	107.044	ug/l	99
24) 1,1-Dichloroethane	5.909	63	193829	20.598	ug/l	99
25) 2-Butanone	6.897	43	122652	106.806	ug/l	98
26) 2,2-Dichloropropane	6.878	77	161606	19.596	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	119300	20.062	ug/l	98
28) Bromochloromethane	7.244	49	77532	21.243	ug/l	96
29) Tetrahydrofuran	7.262	42	76482	105.194	ug/l	99
30) Chloroform	7.415	83	191909	20.217	ug/l	97
31) Cyclohexane	7.701	56	174472	19.843	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	171608	19.924	ug/l	99
36) 1,1-Dichloropropene	7.835	75	140975	19.887	ug/l	100
37) Ethyl Acetate	6.982	43	54365	20.649	ug/l	97
38) Carbon Tetrachloride	7.817	117	149882	19.461	ug/l	96
39) Methylcyclohexane	9.103	83	178734	19.480	ug/l	99
40) Benzene	8.079	78	425586	19.939	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022999.D
 Acq On : 18 Jul 2025 15:37
 Operator : SY/MD
 Sample : VY01718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 02:10:58 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)
41) Methacrylonitrile	7.220	41	29307	20.434	ug/l	96
42) 1,2-Dichloroethane	8.152	62	108352	20.404	ug/l	99
43) Isopropyl Acetate	8.195	43	111756	21.370	ug/l #	86
44) Trichloroethene	8.860	130	107207	19.555	ug/l	98
45) 1,2-Dichloropropane	9.140	63	97977	19.657	ug/l	100
46) Dibromomethane	9.231	93	52396	20.337	ug/l	99
47) Bromodichloromethane	9.420	83	142366	19.991	ug/l	99
48) Methyl methacrylate	9.219	41	53129	21.043	ug/l	99
49) 1,4-Dioxane	9.225	88	10436	384.279	ug/l	98
51) 4-Methyl-2-Pentanone	9.994	43	279720	105.379	ug/l	99
52) Toluene	10.170	92	263920	19.888	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	119486	19.545	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	144882	19.663	ug/l	96
55) 1,1,2-Trichloroethane	10.567	97	68786	20.313	ug/l	96
56) Ethyl methacrylate	10.439	69	84145	19.906	ug/l	98
57) 1,3-Dichloropropane	10.713	76	118536	20.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	207251	100.158	ug/l	99
59) 2-Hexanone	10.756	43	182559	104.630	ug/l	98
60) Dibromochloromethane	10.908	129	88291	19.911	ug/l	99
61) 1,2-Dibromoethane	11.012	107	61533	20.010	ug/l	98
64) Tetrachloroethene	10.646	164	125172	20.315	ug/l	95
65) Chlorobenzene	11.438	112	274210	19.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	92484	19.062	ug/l	99
67) Ethyl Benzene	11.518	91	489285	19.406	ug/l	97
68) m/p-Xylenes	11.627	106	375895	38.869	ug/l	100
69) o-Xylene	11.951	106	171968	19.161	ug/l	99
70) Styrene	11.969	104	281919	19.177	ug/l	100
71) Bromoform	12.127	173	47203	19.165	ug/l #	99
73) Isopropylbenzene	12.249	105	456033	19.298	ug/l	100
74) N-amyl acetate	12.066	43	93486	20.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	66193	19.356	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	98545	28.373	ug/l #	100
77) Bromobenzene	12.530	156	97397	19.003	ug/l	97
78) n-propylbenzene	12.591	91	551100	19.583	ug/l	99
79) 2-Chlorotoluene	12.676	91	307709	19.442	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	358710	19.246	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	22618	19.396	ug/l	97
82) 4-Chlorotoluene	12.774	91	314623	19.710	ug/l	99
83) tert-Butylbenzene	12.993	119	315405	18.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	356535	19.433	ug/l	99
85) sec-Butylbenzene	13.170	105	486092	19.267	ug/l	99
86) p-Isopropyltoluene	13.286	119	397045	19.377	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	194823	18.836	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	191774	19.165	ug/l	98
89) n-Butylbenzene	13.615	91	370199	19.579	ug/l	99
90) Hexachloroethane	13.877	117	80585	18.996	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	167090	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10483	20.645	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	89924	19.553	ug/l	98
94) Hexachlorobutadiene	15.017	225	55423	19.115	ug/l	98
95) Naphthalene	15.139	128	143662	19.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	74797	19.697	ug/l	99

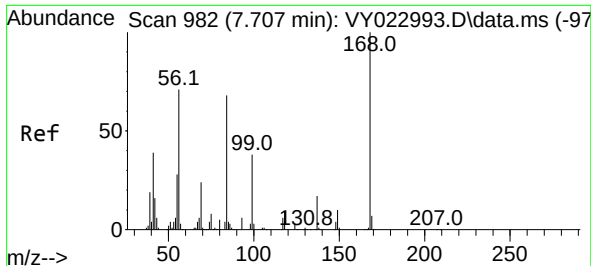
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
Data File : VY022999.D
Acq On : 18 Jul 2025 15:37
Operator : SY/MD
Sample : VY01718SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Quant Time: Jul 19 02:10:58 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)
----------	------	------	----------	------	-------	----------

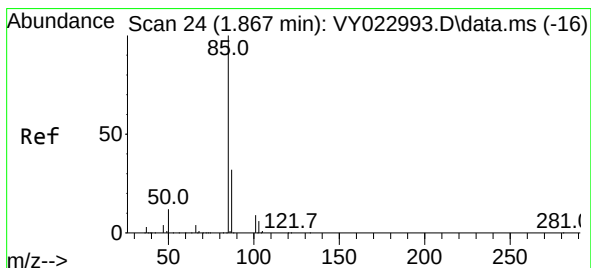
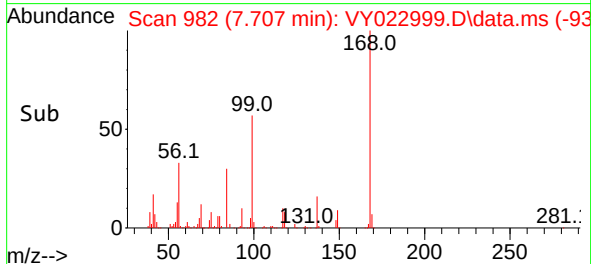
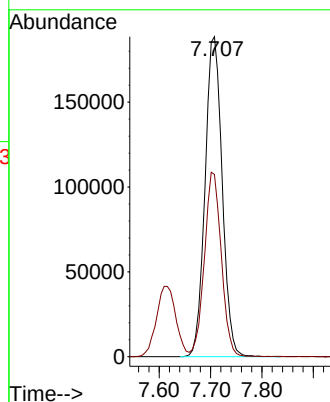
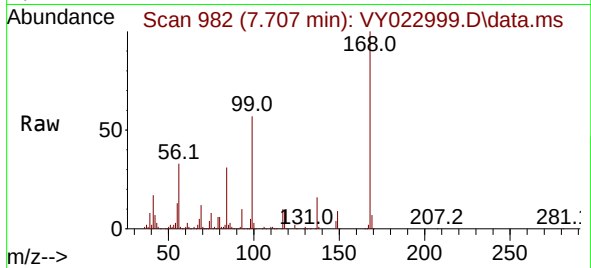
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

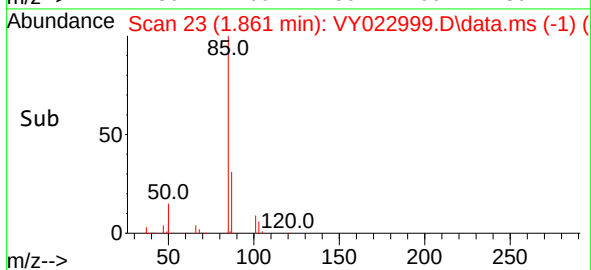
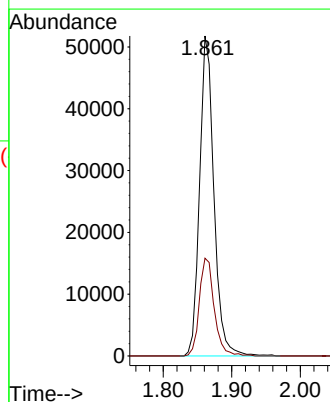
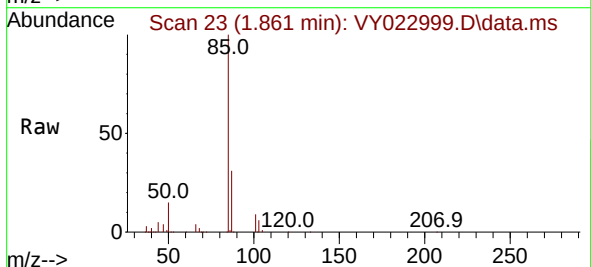
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

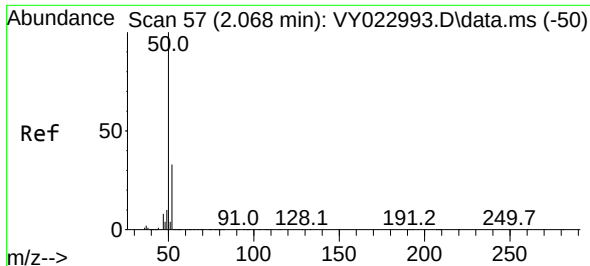
Tgt Ion:168 Resp: 436221
Ion Ratio Lower Upper
168 100
99 56.9 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 20.345 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 85 Resp: 75357
Ion Ratio Lower Upper
85 100
87 30.6 16.0 47.9

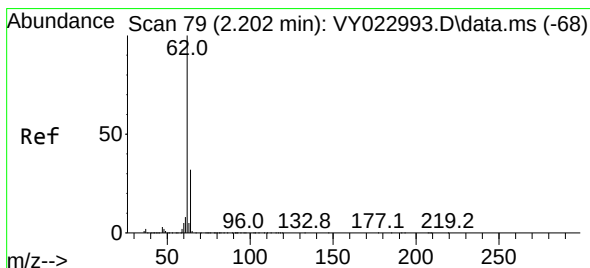
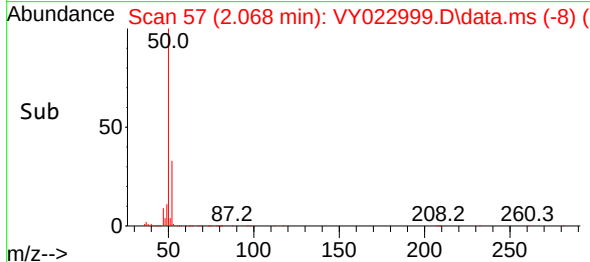
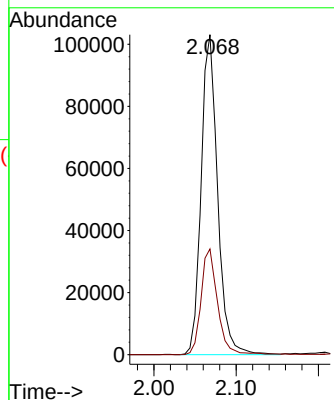
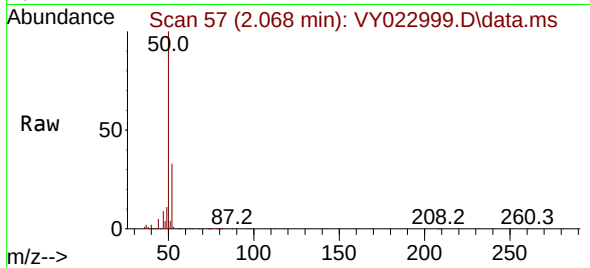




#3
Chloromethane
Concen: 22.761 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

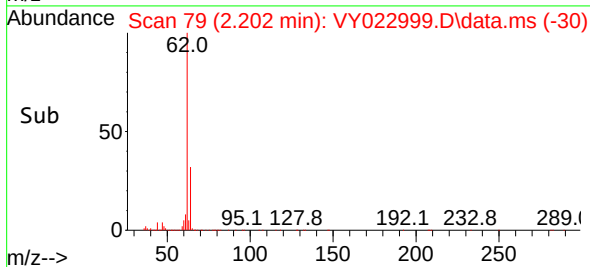
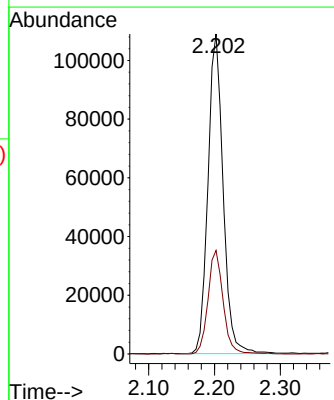
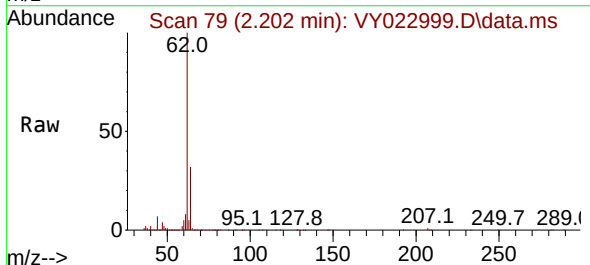
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

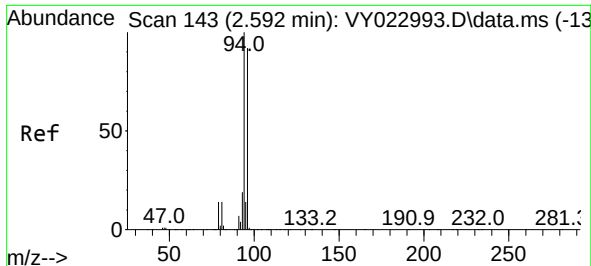
Tgt Ion: 50 Resp: 143349
Ion Ratio Lower Upper
50 100
52 33.0 26.6 39.8



#4
Vinyl Chloride
Concen: 21.864 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 62 Resp: 174459
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8

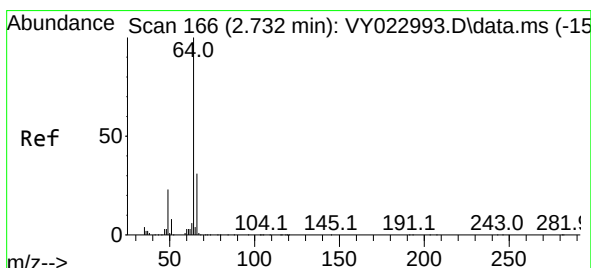
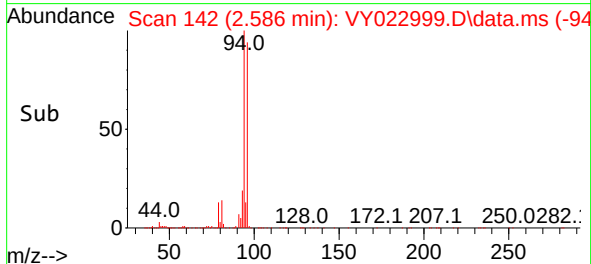
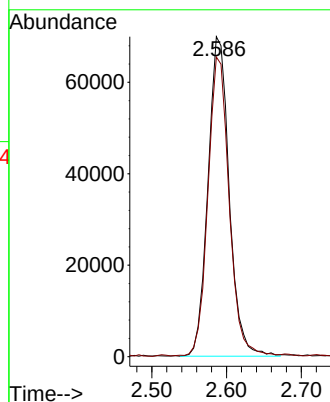
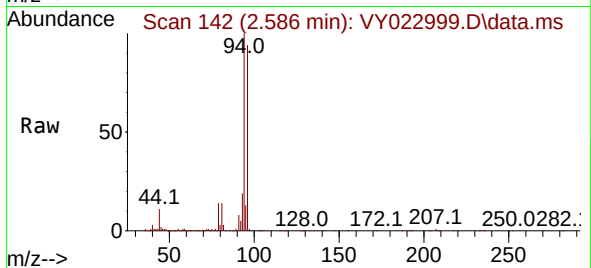




#5
Bromomethane
Concen: 23.934 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

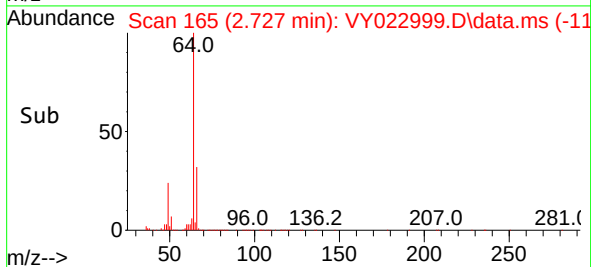
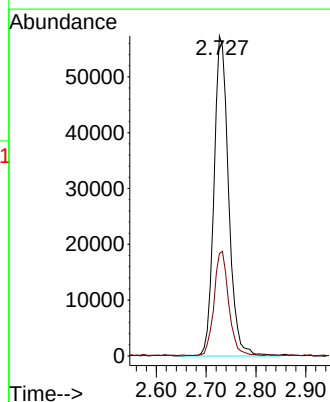
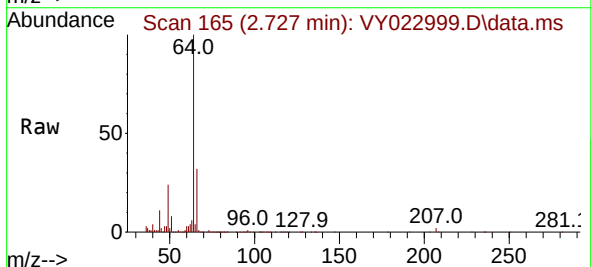
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

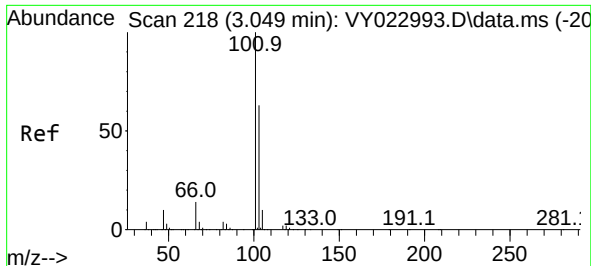
Tgt Ion: 94 Resp: 137833
Ion Ratio Lower Upper
94 100
96 93.4 73.9 110.9



#6
Chloroethane
Concen: 21.850 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 64 Resp: 116439
Ion Ratio Lower Upper
64 100
66 31.8 24.9 37.3

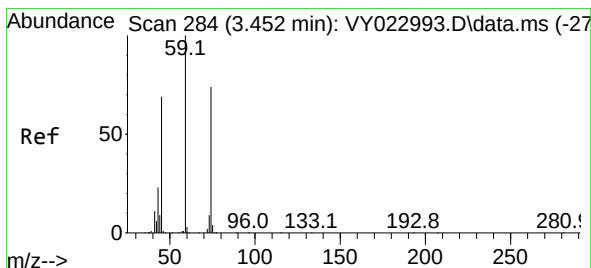
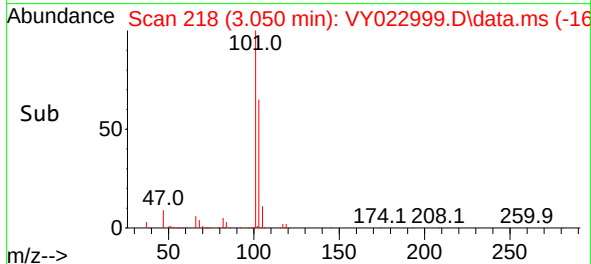
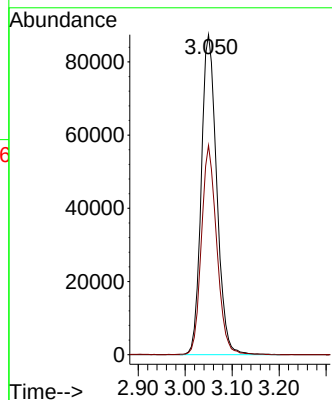
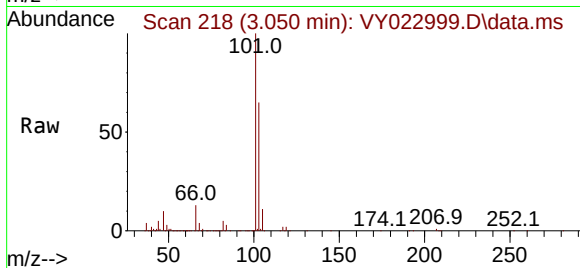




#7
 Trichlorofluoromethane
 Concen: 21.541 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

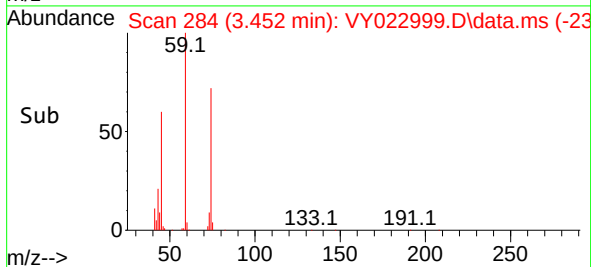
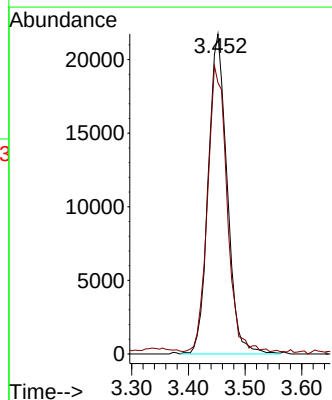
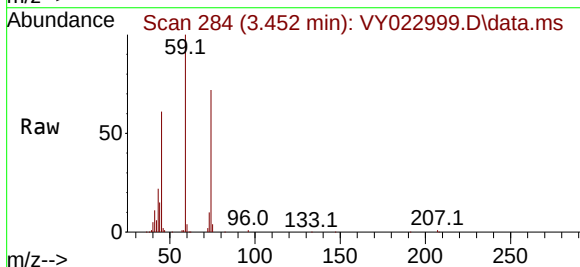
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

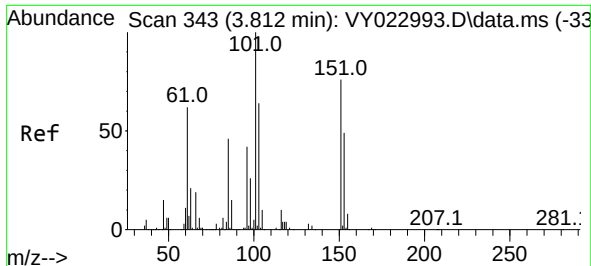
Tgt Ion:101 Resp: 199524
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.738 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

Tgt Ion: 74 Resp: 50273
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.1 135.2

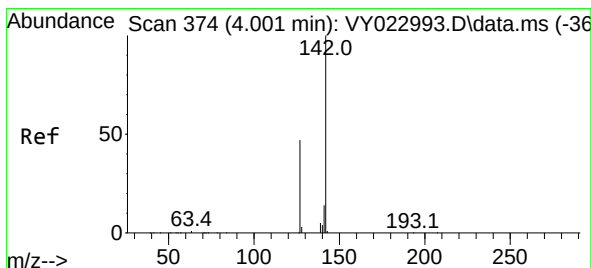
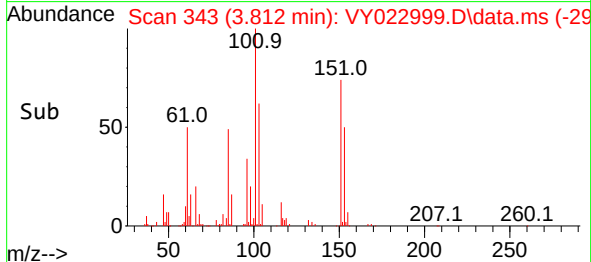
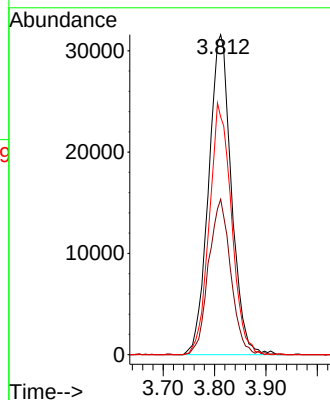
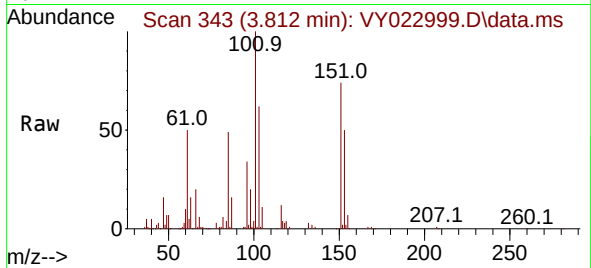




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.967 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

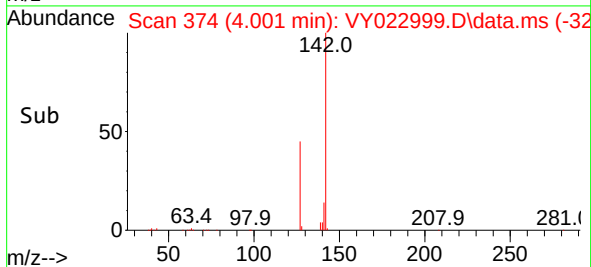
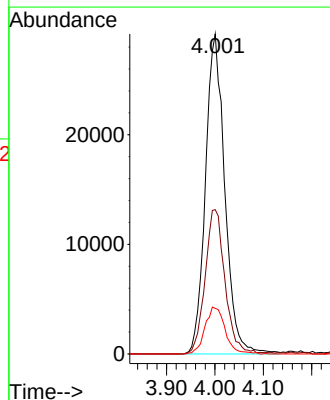
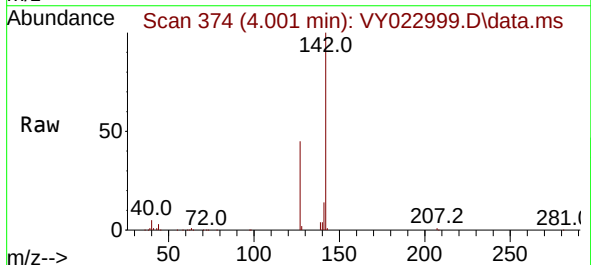
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

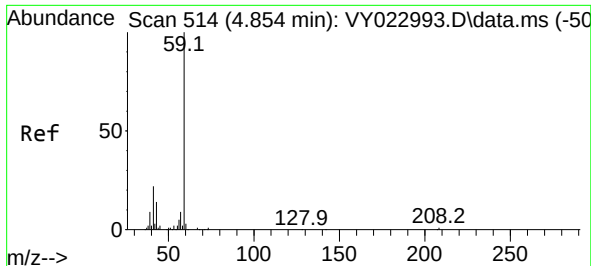
Tgt Ion:101 Resp: 97156
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 76.4 59.7 89.5



#10
Methyl Iodide
Concen: 16.072 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion:142 Resp: 81242
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.6
141 15.2 11.4 17.2

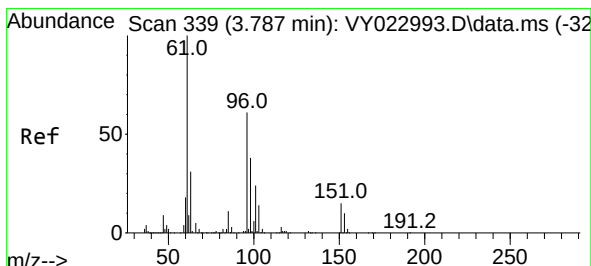
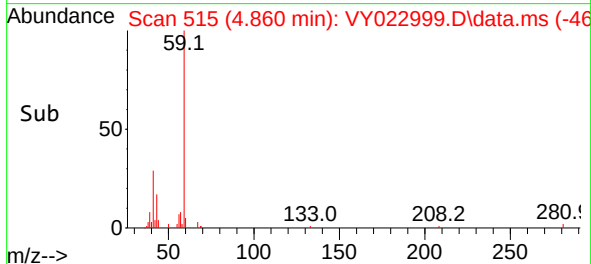
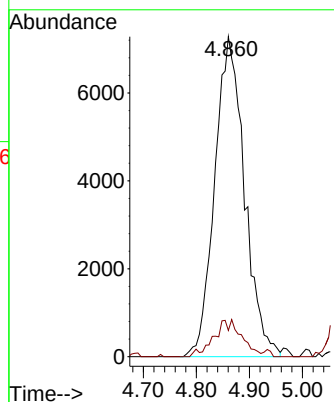
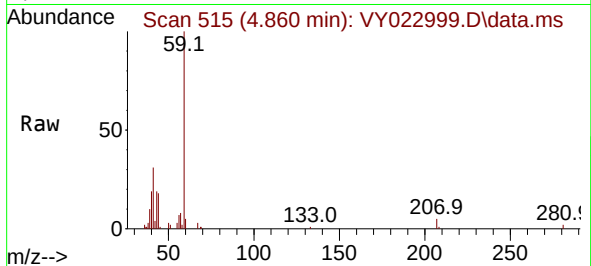




#11
Tert butyl alcohol
Concen: 106.325 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

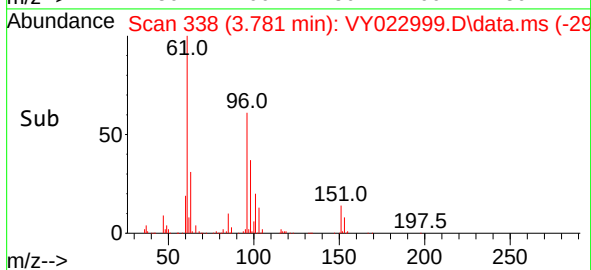
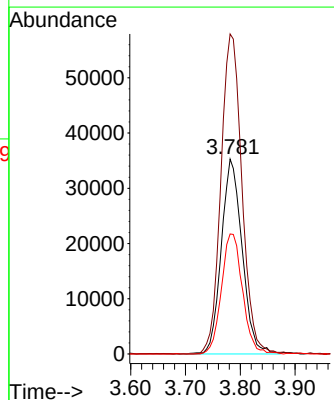
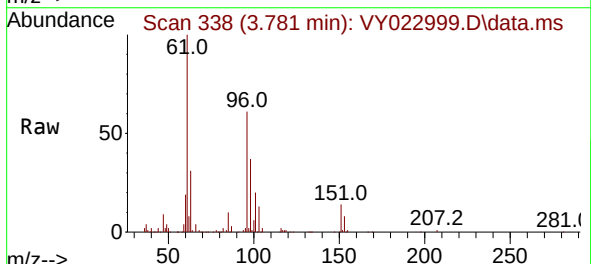
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

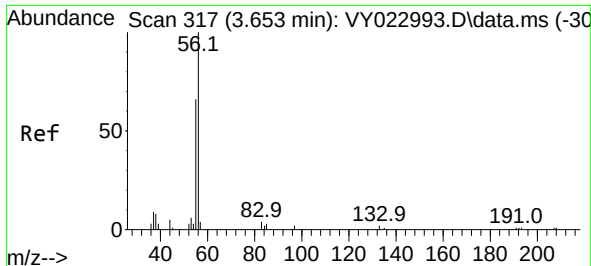
Tgt Ion: 59 Resp: 28396
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.105 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 96 Resp: 93190
Ion Ratio Lower Upper
96 100
61 164.2 130.4 195.6
98 61.6 49.6 74.4





#13

Acrolein

Concen: 151.160 ug/l

RT: 3.641 min Scan# 317

Delta R.T. -0.012 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

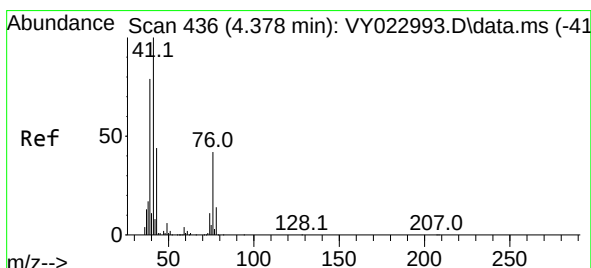
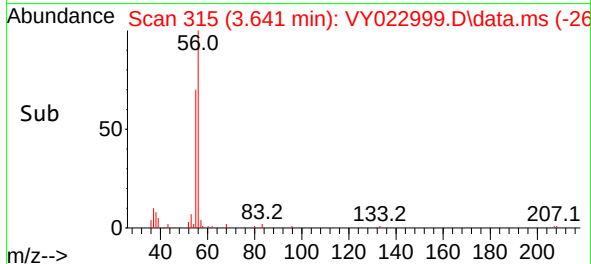
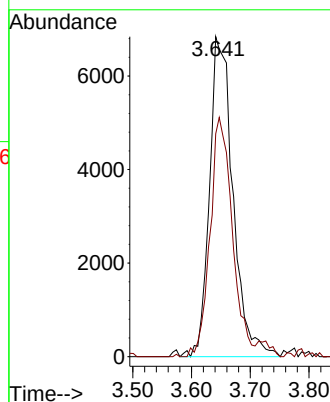
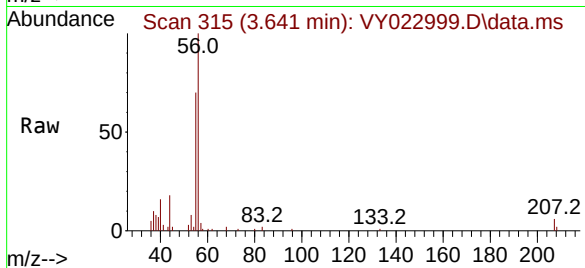
VY0718SBS01

Tgt Ion: 56 Resp: 18970

Ion Ratio Lower Upper

56 100

55 70.7 57.8 86.6



#14

Allyl chloride

Concen: 20.027 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

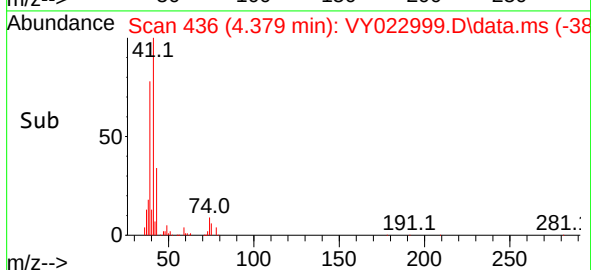
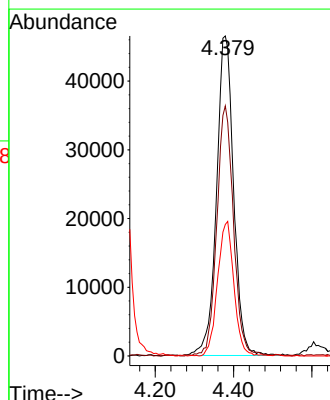
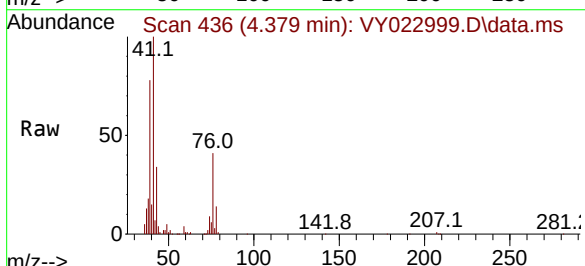
Tgt Ion: 41 Resp: 141428

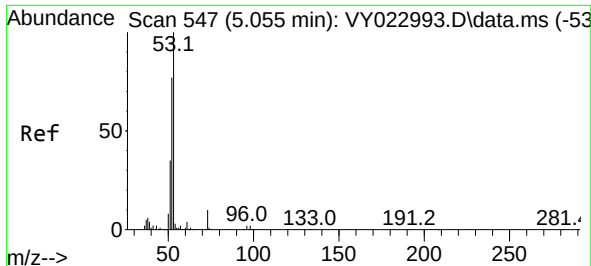
Ion Ratio Lower Upper

41 100

39 76.4 60.1 90.1

76 40.3 32.2 48.4

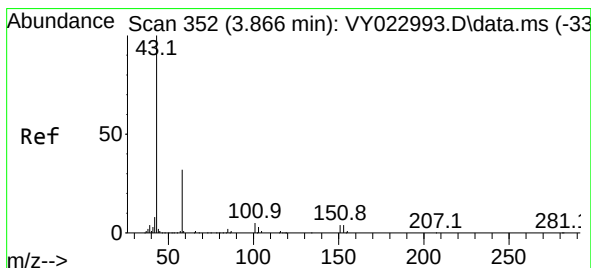
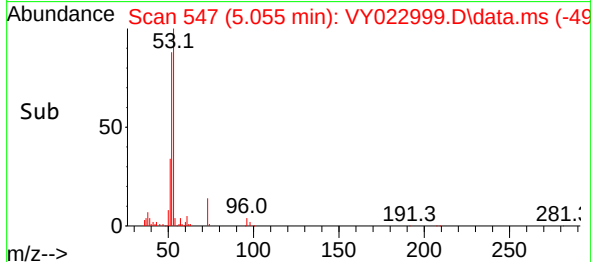
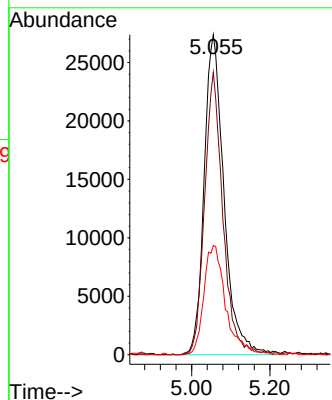
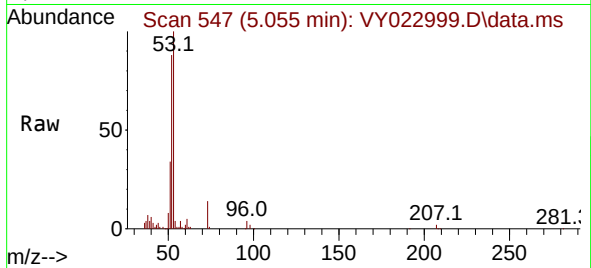




#15
Acrylonitrile
Concen: 104.884 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

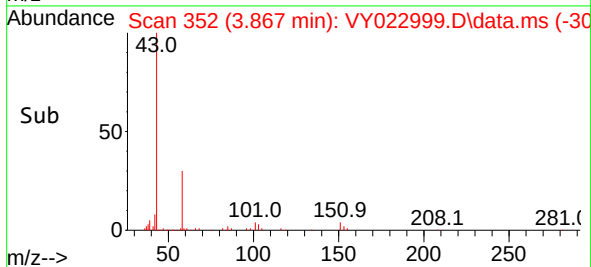
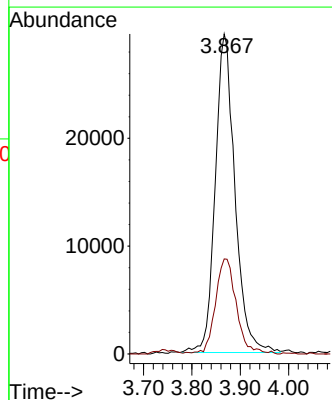
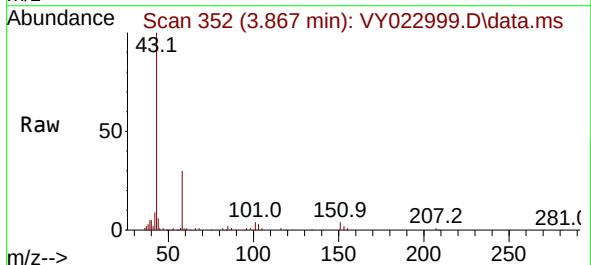
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

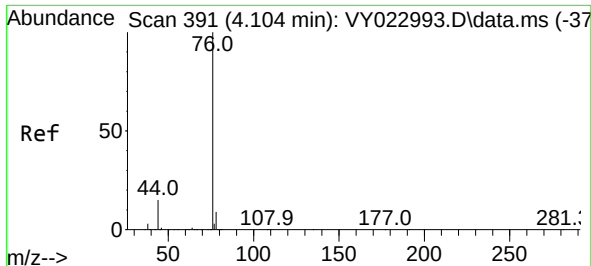
Tgt Ion: 53 Resp: 96308
Ion Ratio Lower Upper
53 100
52 80.9 65.2 97.8
51 37.2 30.3 45.5



#16
Acetone
Concen: 104.618 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 43 Resp: 83745
Ion Ratio Lower Upper
43 100
58 29.8 26.2 39.4

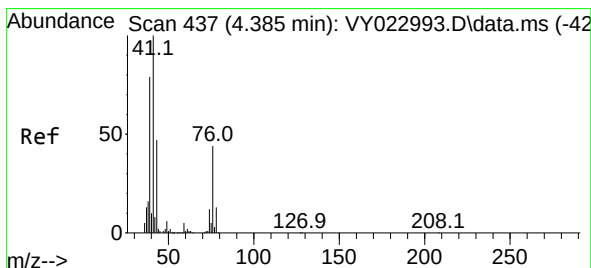
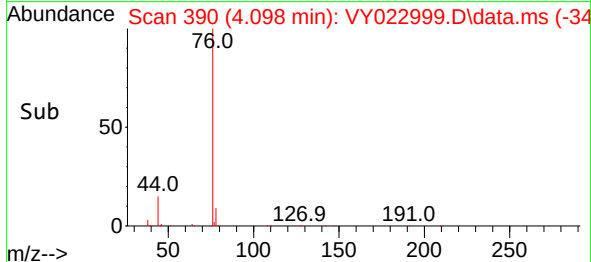
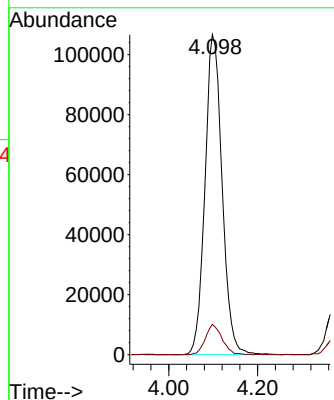
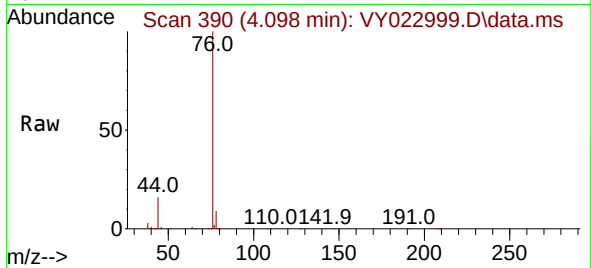




#17
Carbon Disulfide
Concen: 20.414 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

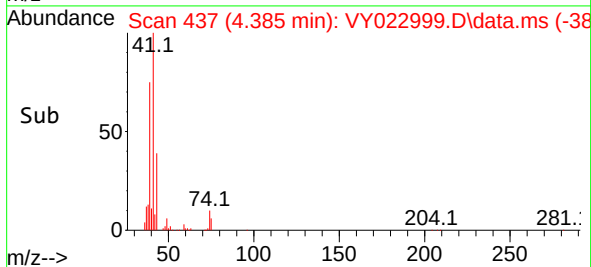
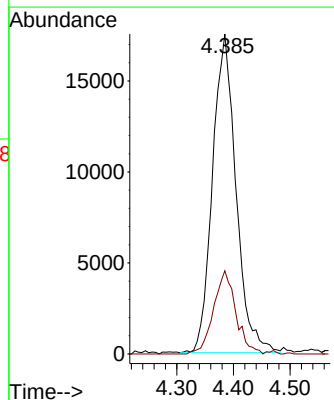
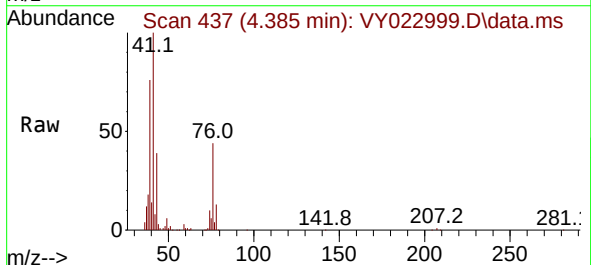
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

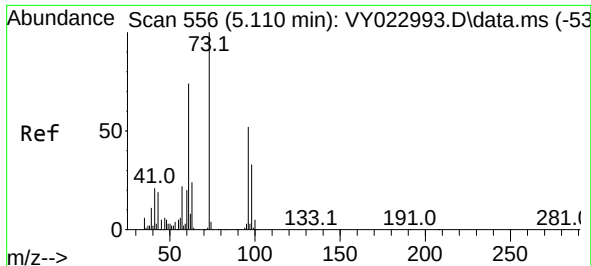
Tgt Ion: 76 Resp: 286780
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 18.590 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 43 Resp: 50379
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 20.252 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

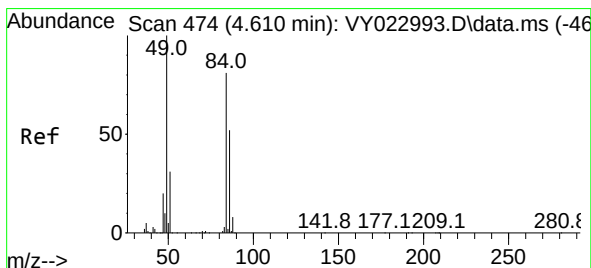
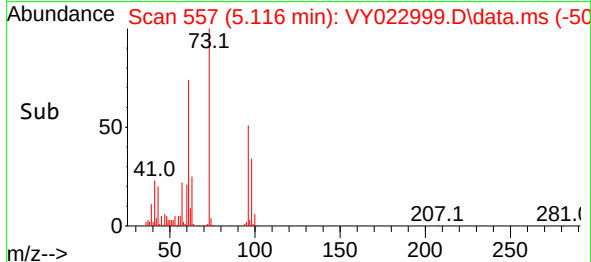
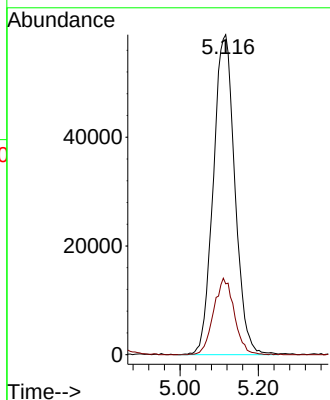
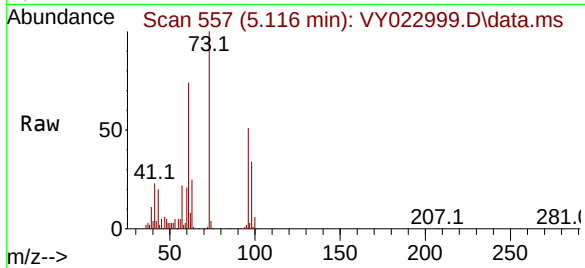
VY0718SBS01

Tgt Ion: 73 Resp: 225167

Ion Ratio Lower Upper

73 100

57 22.2 17.4 26.2



#20

Methylene Chloride

Concen: 20.608 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Tgt Ion: 84 Resp: 143610

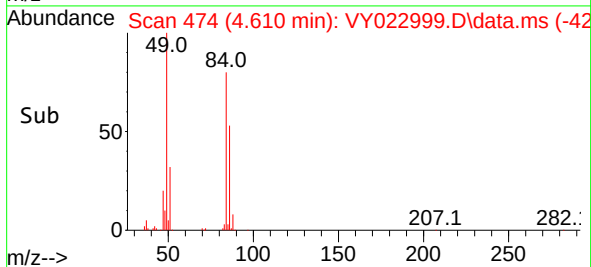
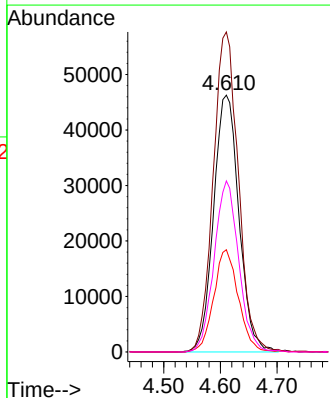
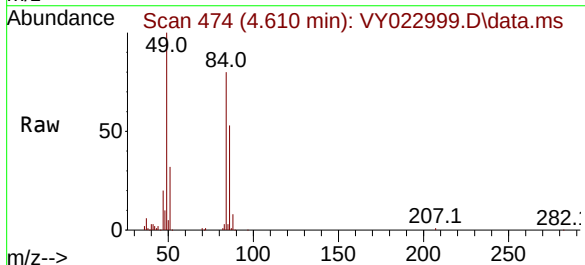
Ion Ratio Lower Upper

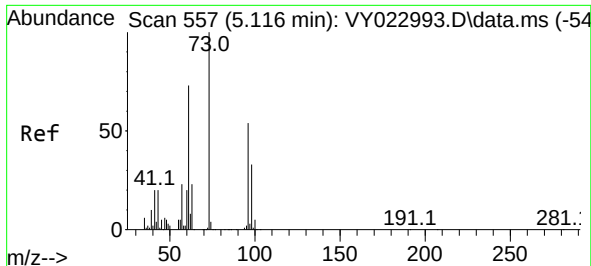
84 100

49 124.6 98.2 147.4

51 39.8 30.5 45.7

86 66.6 51.3 76.9

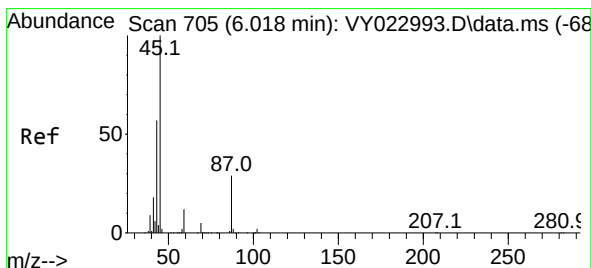
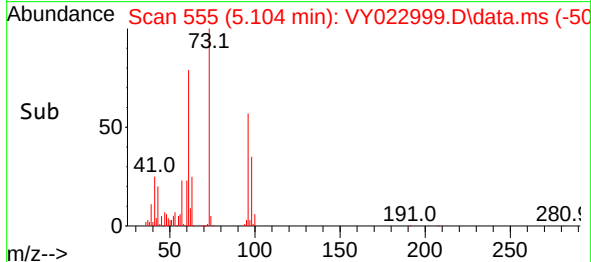
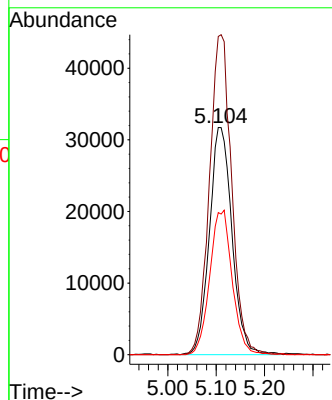
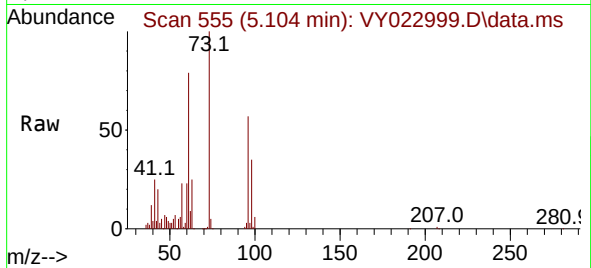




#21
trans-1,2-Dichloroethene
Concen: 19.939 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

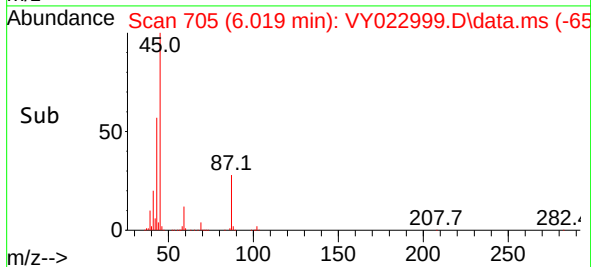
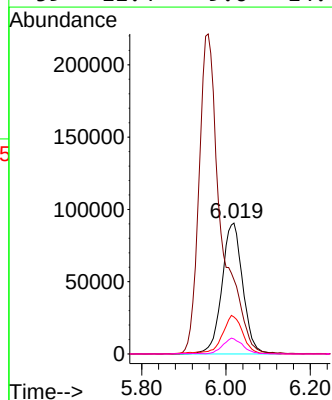
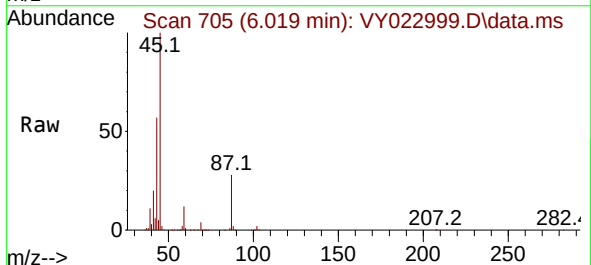
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

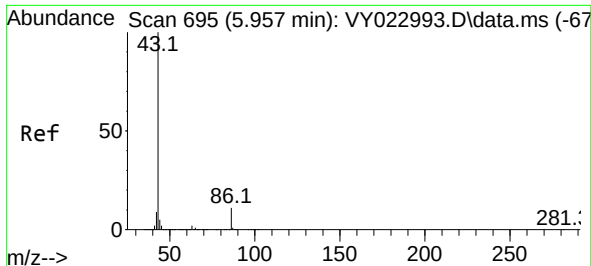
Tgt Ion: 96 Resp: 102881
Ion Ratio Lower Upper
96 100
61 140.1 107.4 161.2
98 62.6 49.3 73.9



#22
Diisopropyl ether
Concen: 20.659 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 45 Resp: 309507
Ion Ratio Lower Upper
45 100
43 56.4 45.3 67.9
87 28.2 23.3 34.9
59 11.4 9.6 14.4

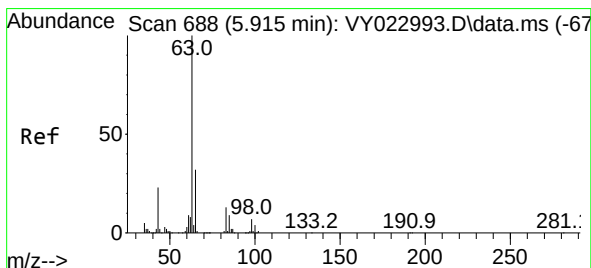
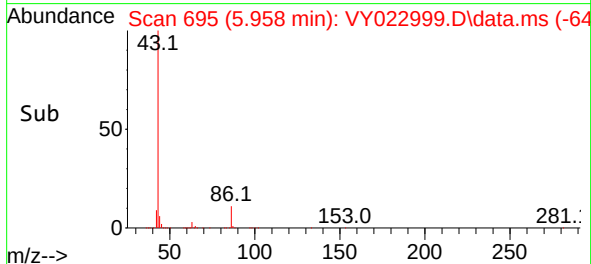
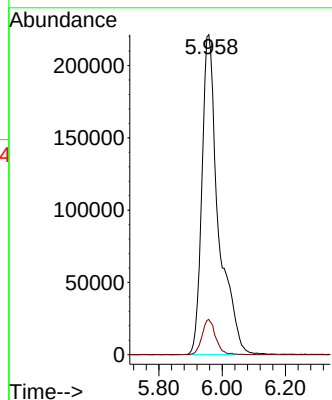
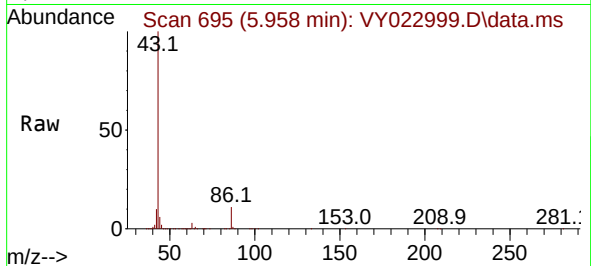




#23
 Vinyl Acetate
 Concen: 107.044 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

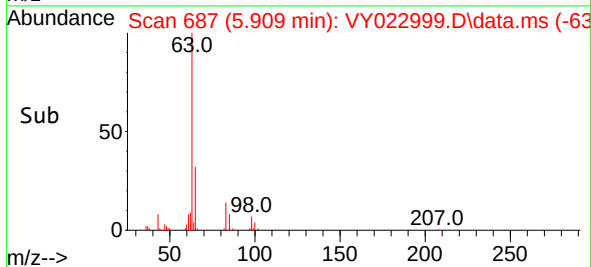
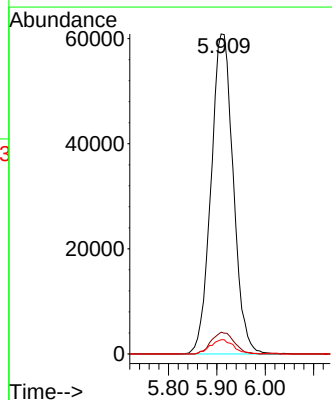
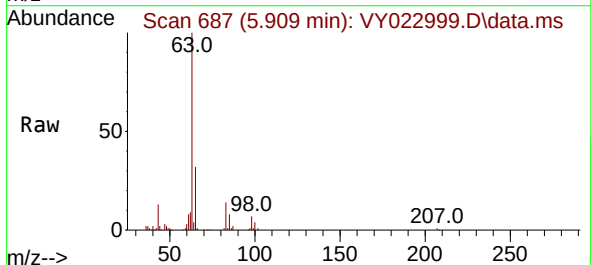
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

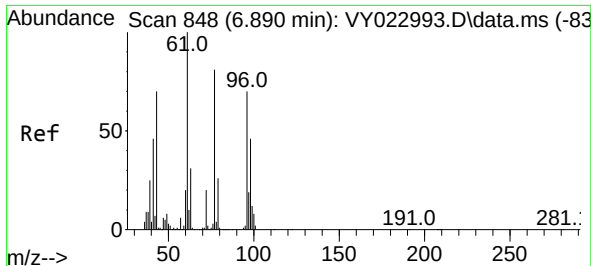
Tgt Ion: 43 Resp: 808040
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.598 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

Tgt Ion: 63 Resp: 193829
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 106.806 ug/l

RT: 6.897 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

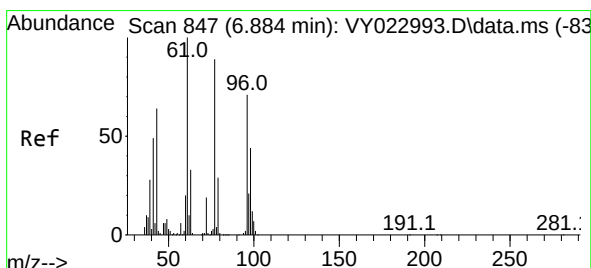
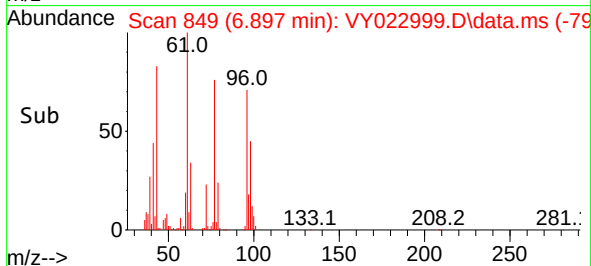
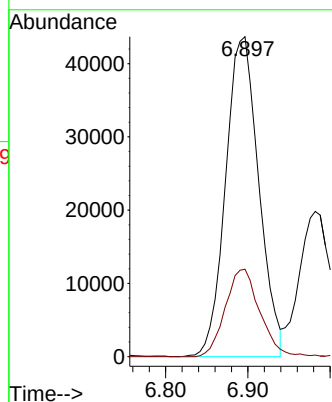
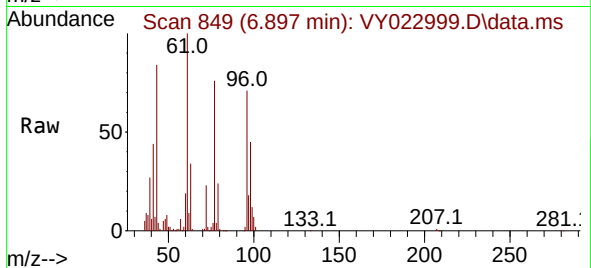
VY0718SBS01

Tgt Ion: 43 Resp: 122652

Ion Ratio Lower Upper

43 100

72 27.4 22.9 34.3



#26

2,2-Dichloropropane

Concen: 19.596 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY022999.D

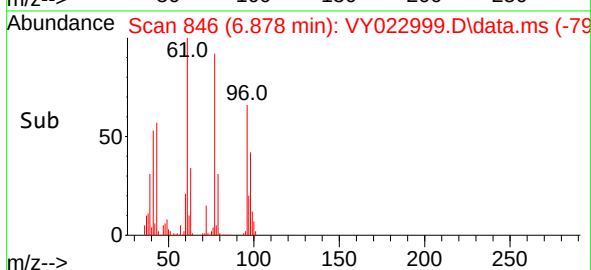
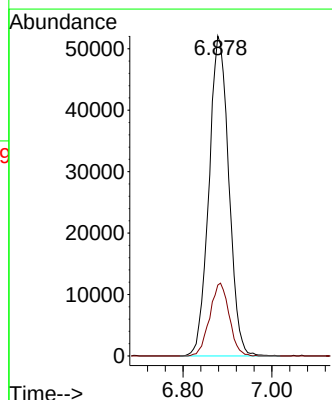
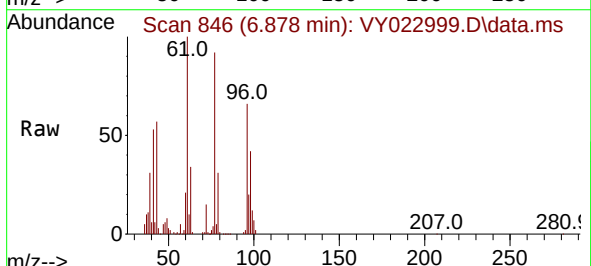
Acq: 18 Jul 2025 15:37

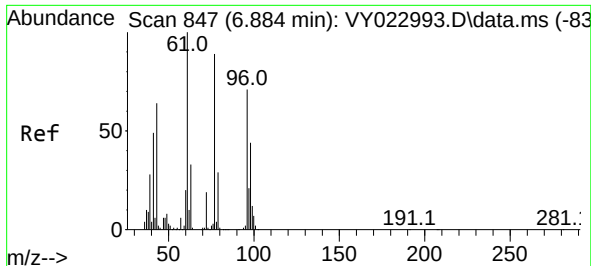
Tgt Ion: 77 Resp: 161606

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.062 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

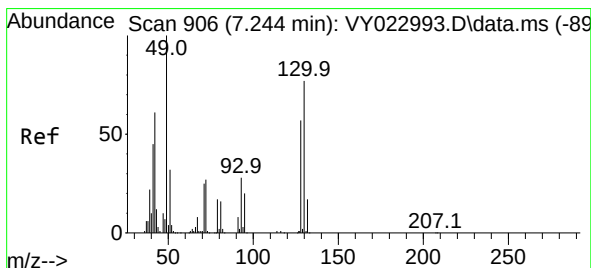
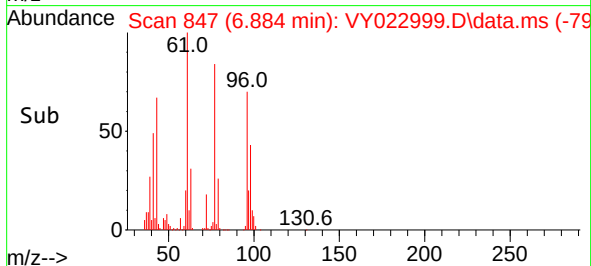
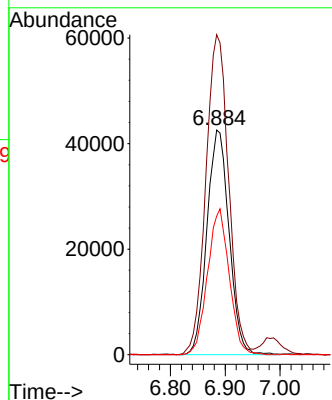
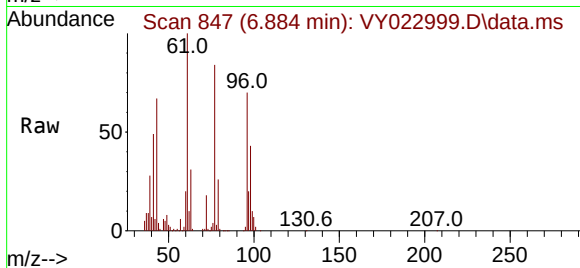
Tgt Ion: 96 Resp: 119300

Ion Ratio Lower Upper

96 100

61 146.1 0.0 286.2

98 63.7 0.0 127.4



#28

Bromochloromethane

Concen: 21.243 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

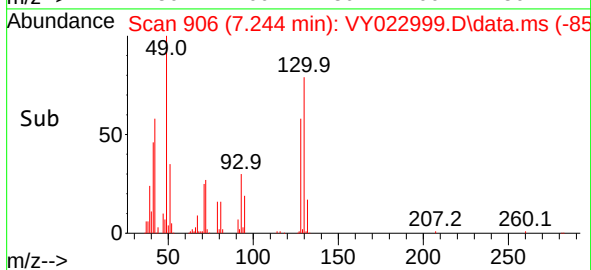
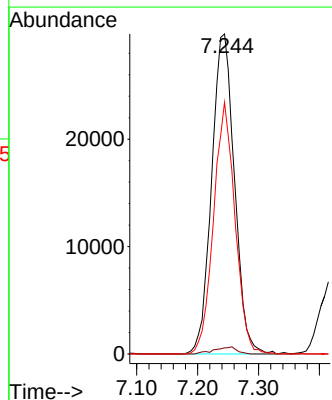
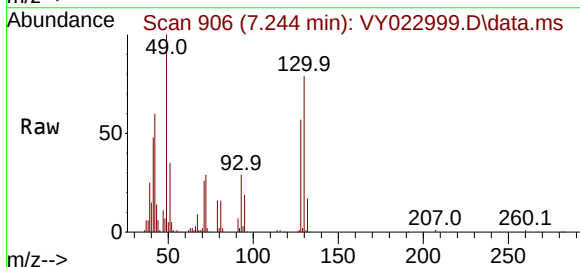
Tgt Ion: 49 Resp: 77532

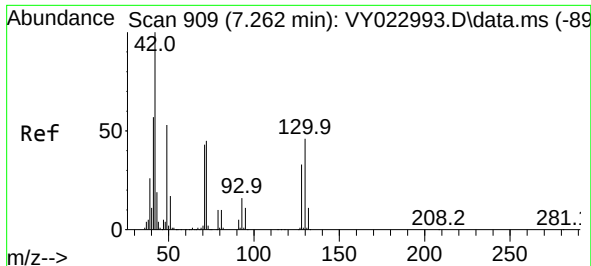
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 73.8 61.8 92.8





#29

Tetrahydrofuran

Concen: 105.194 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

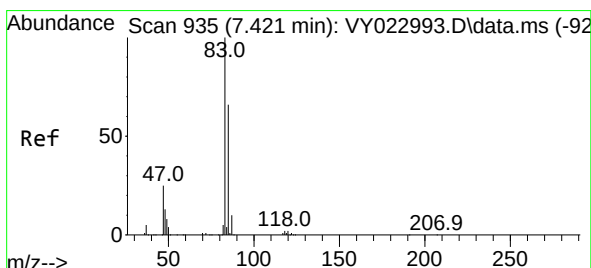
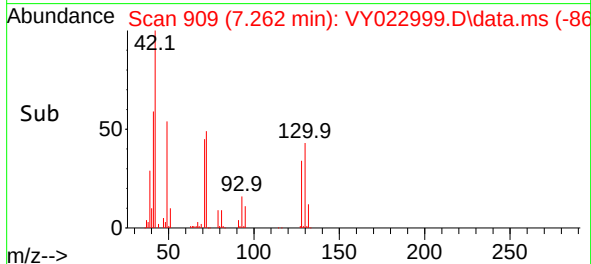
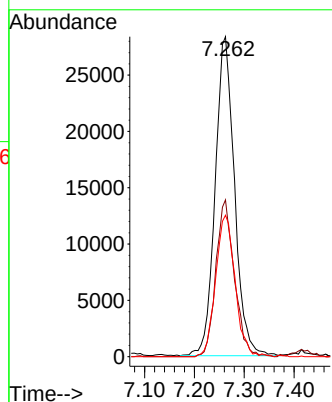
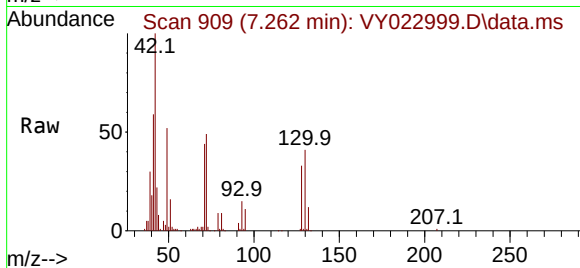
Tgt Ion: 42 Resp: 76482

Ion Ratio Lower Upper

42 100

72 46.9 37.5 56.3

71 44.5 34.2 51.4



#30

Chloroform

Concen: 20.217 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022999.D

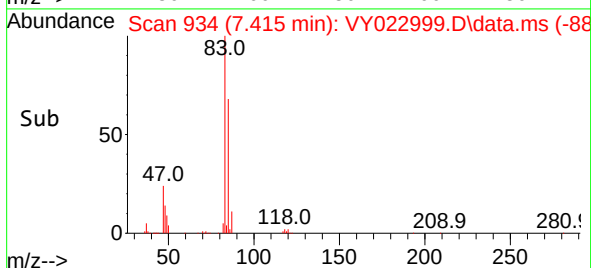
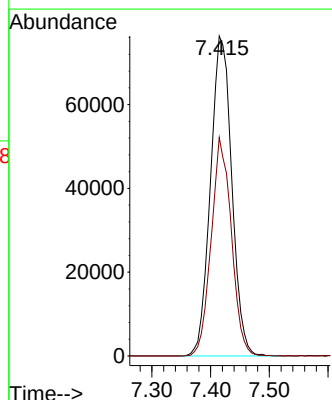
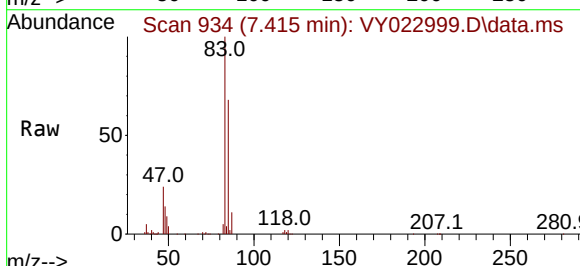
Acq: 18 Jul 2025 15:37

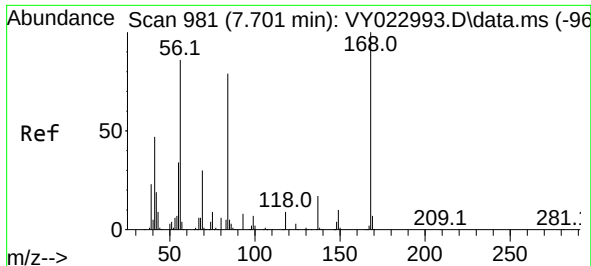
Tgt Ion: 83 Resp: 191909

Ion Ratio Lower Upper

83 100

85 68.2 52.6 78.8

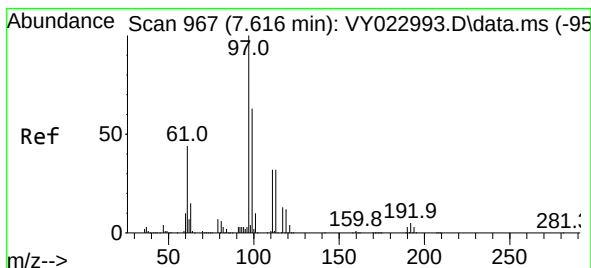
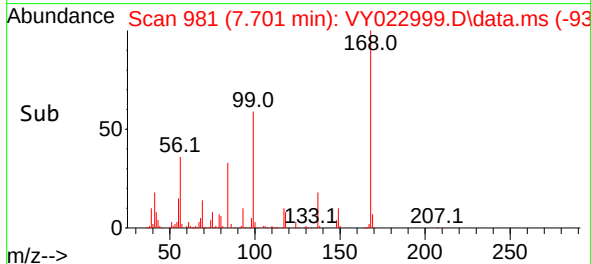
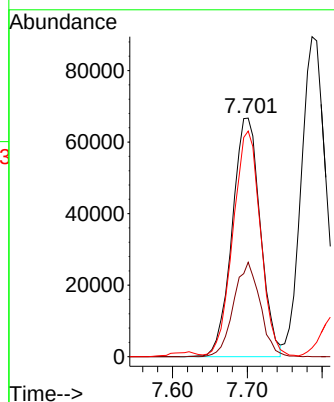
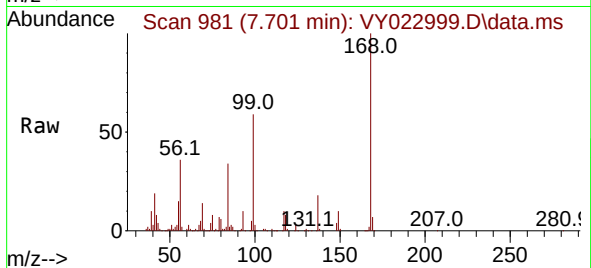




#31
Cyclohexane
Concen: 19.843 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

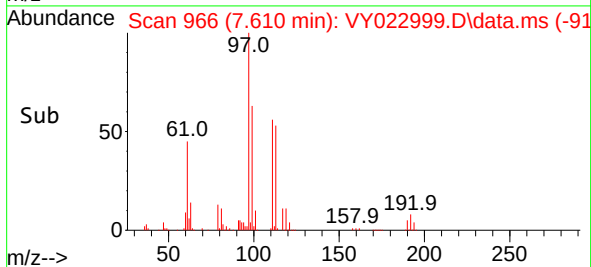
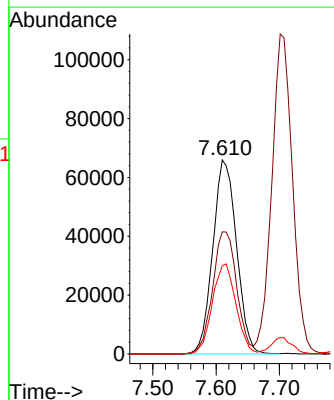
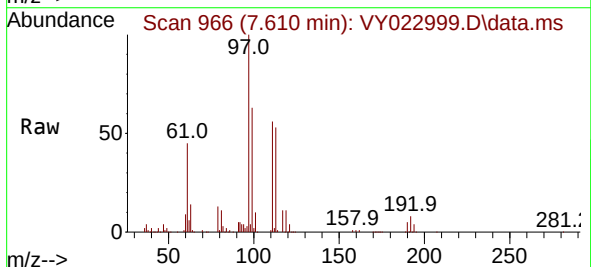
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

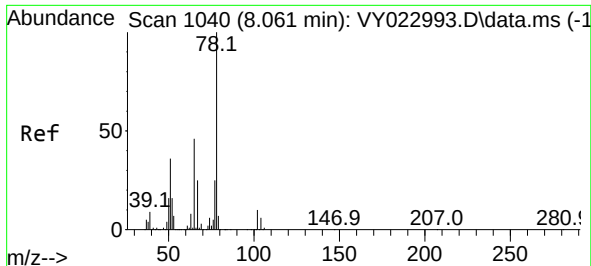
Tgt Ion: 56 Resp: 174472
Ion Ratio Lower Upper
56 100
69 39.6 28.1 42.1
84 93.0 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 19.924 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 97 Resp: 171608
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.3 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 50.315 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

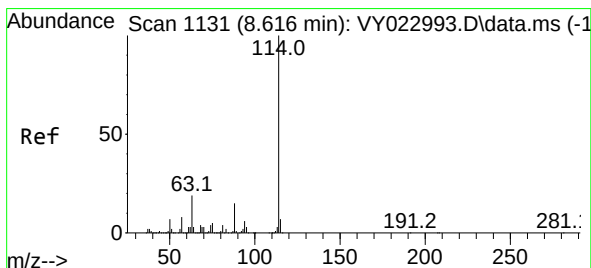
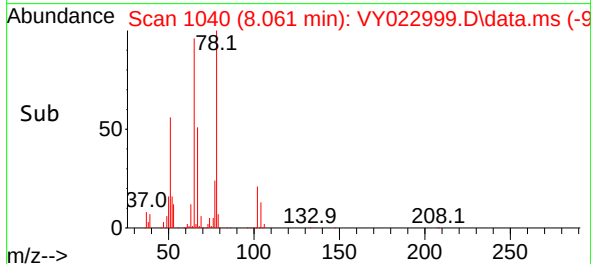
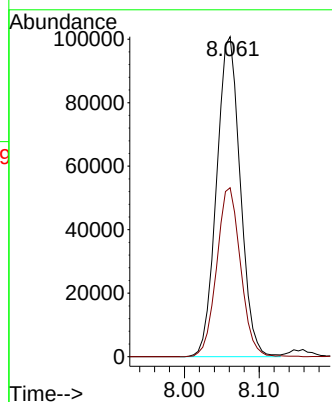
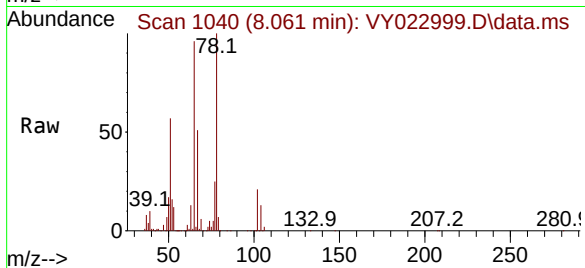
VY0718SBS01

Tgt Ion: 65 Resp: 222189

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

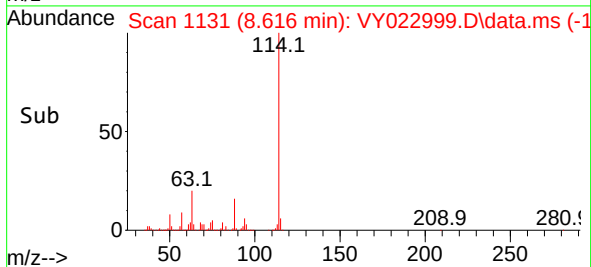
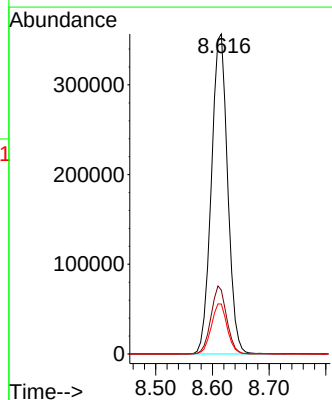
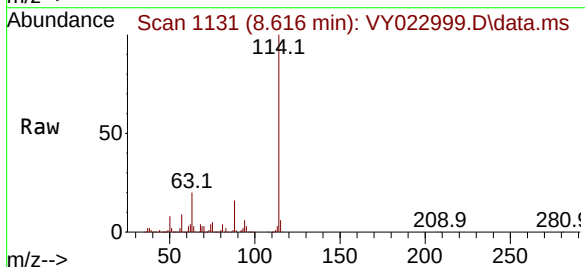
Tgt Ion: 114 Resp: 709471

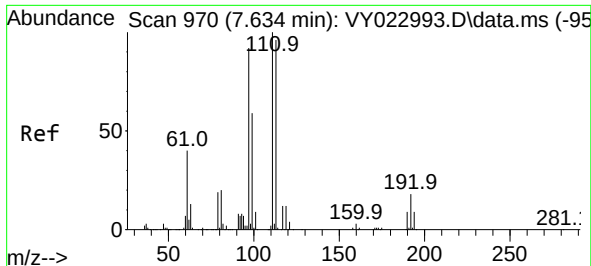
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 15.6 0.0 30.2

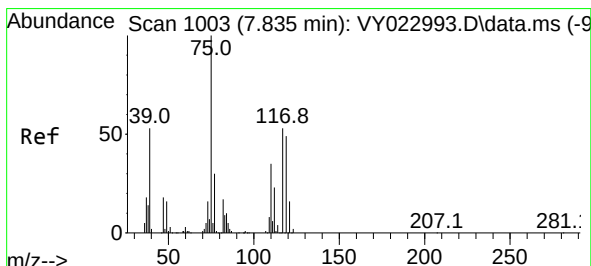
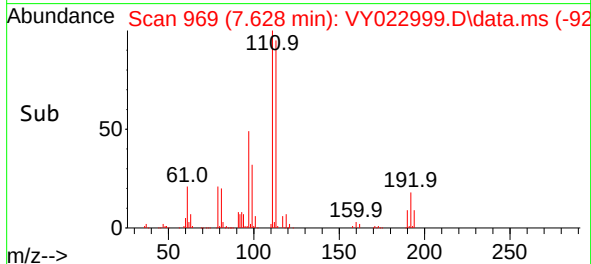
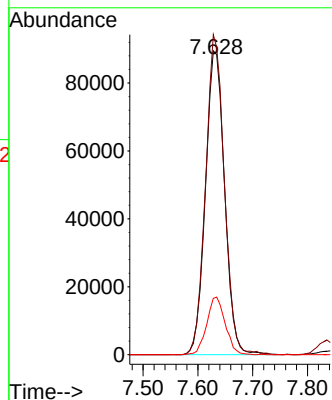
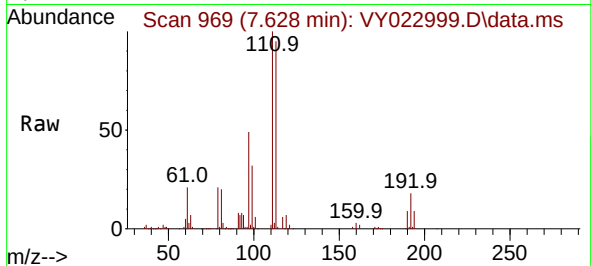




#35
Dibromofluoromethane
Concen: 48.271 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

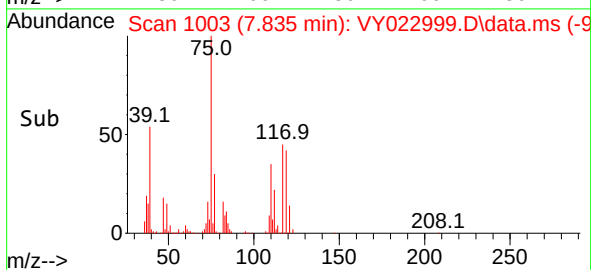
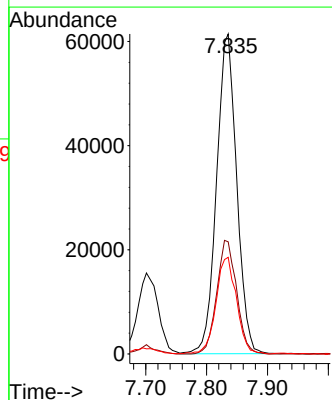
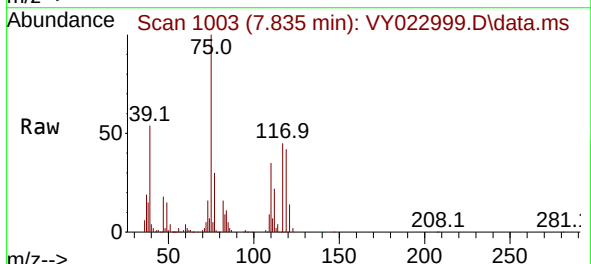
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

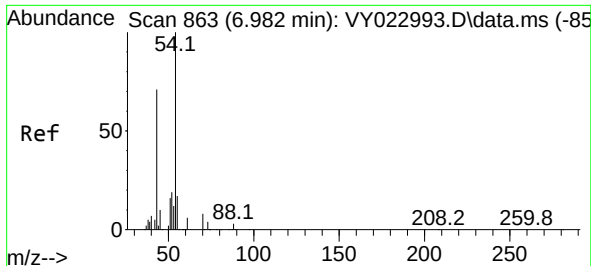
Tgt Ion:113 Resp: 217239
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 19.887 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 75 Resp: 140975
Ion Ratio Lower Upper
75 100
110 35.0 17.3 51.9
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 20.649 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

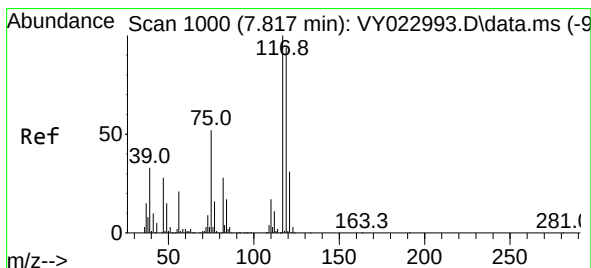
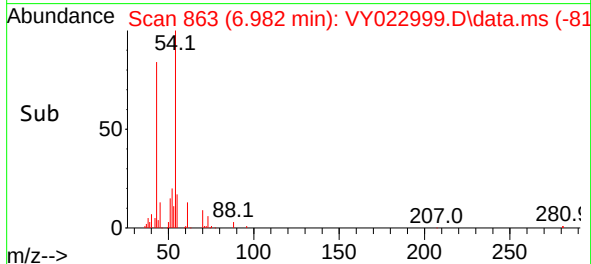
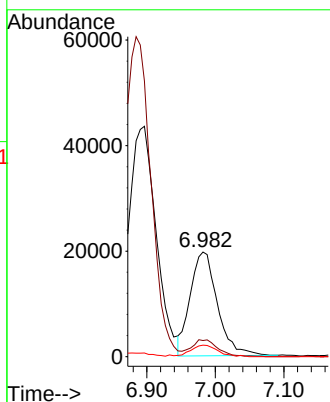
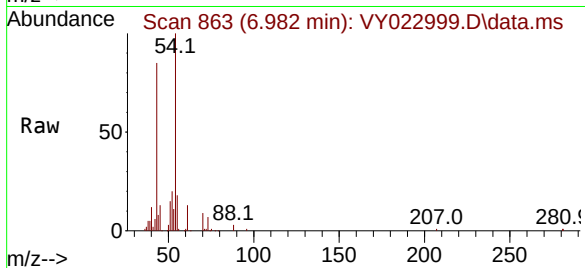
Tgt Ion: 43 Resp: 54365

Ion Ratio Lower Upper

43 100

61 15.9 11.6 17.4

70 11.4 8.5 12.7



#38

Carbon Tetrachloride

Concen: 19.461 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

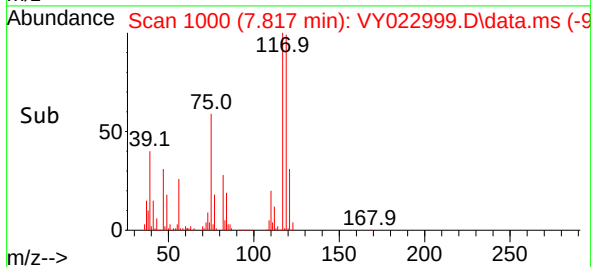
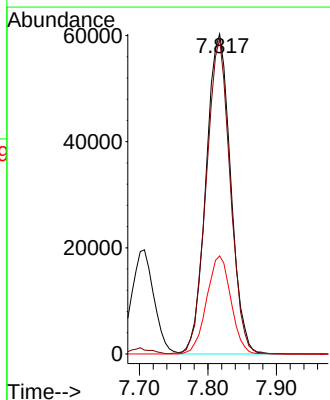
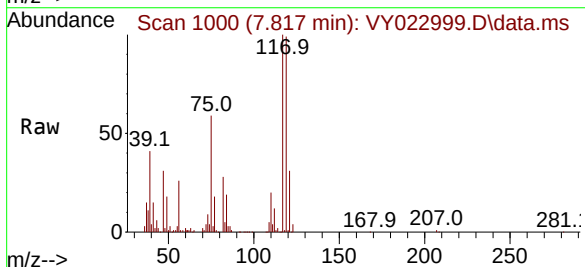
Tgt Ion: 117 Resp: 149882

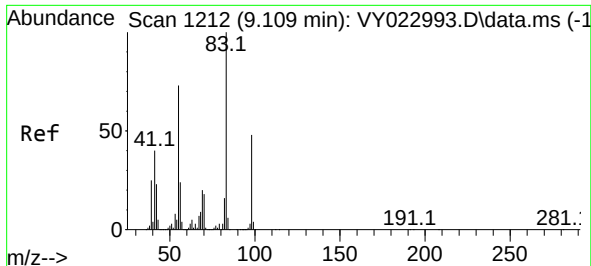
Ion Ratio Lower Upper

117 100

119 98.4 74.9 112.3

121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 19.480 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

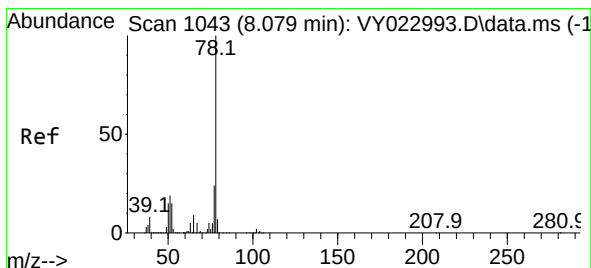
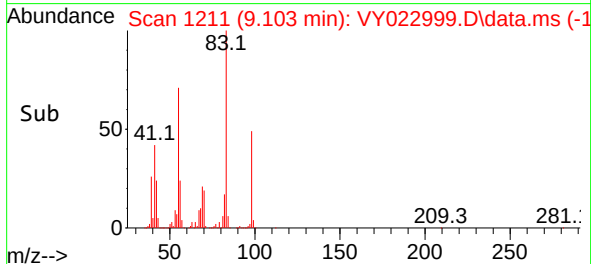
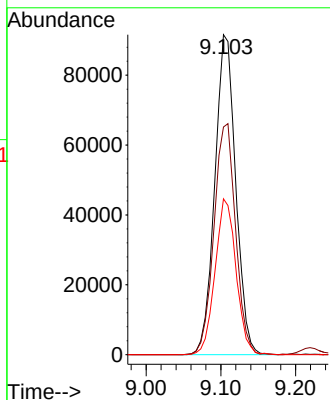
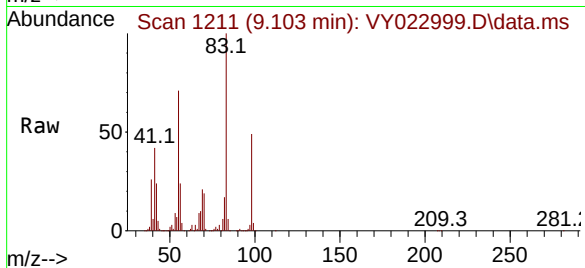
Tgt Ion: 83 Resp: 178734

Ion Ratio Lower Upper

83 100

55 71.1 58.1 87.1

98 48.7 38.5 57.7



#40

Benzene

Concen: 19.939 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022999.D

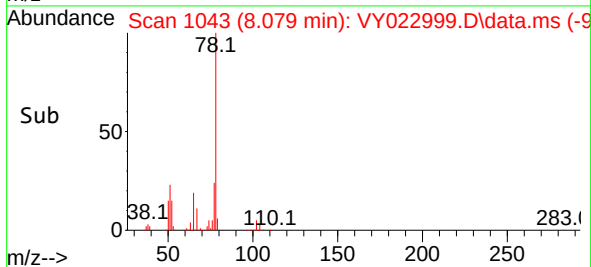
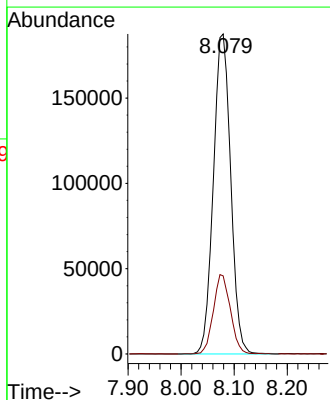
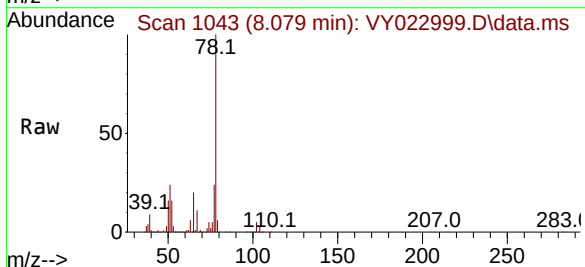
Acq: 18 Jul 2025 15:37

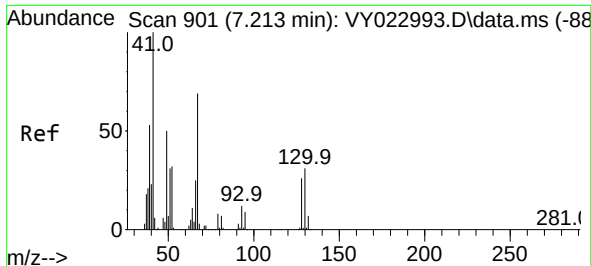
Tgt Ion: 78 Resp: 425586

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4



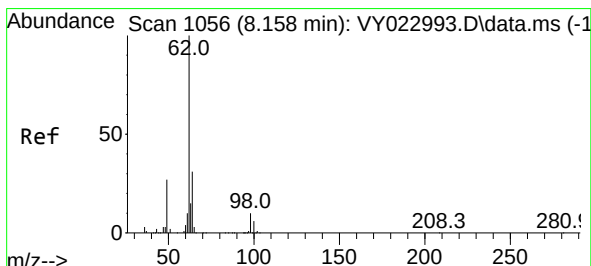
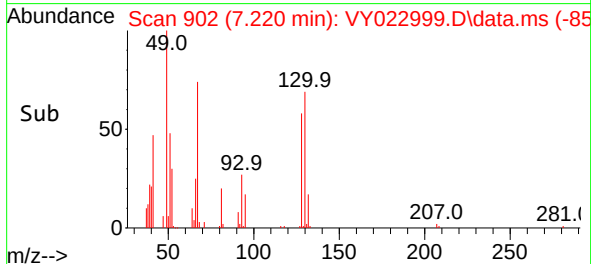
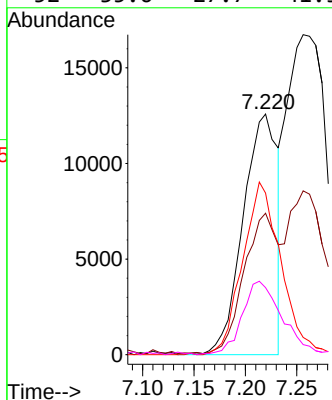
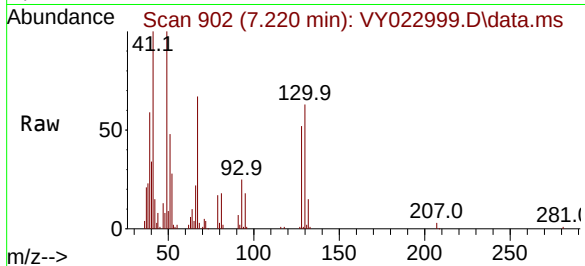


#41
Methacrylonitrile
Concen: 20.434 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 41 Resp: 29307

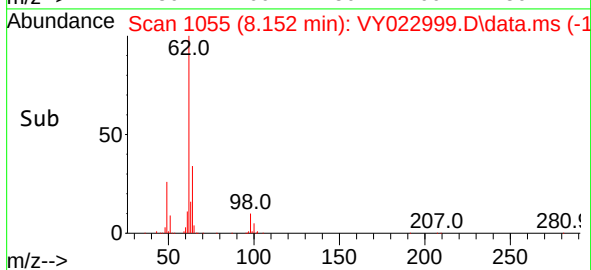
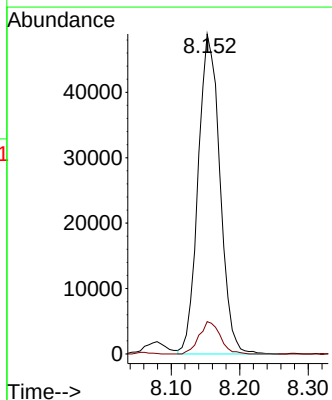
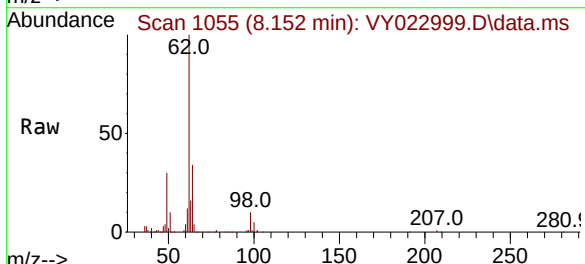
Ion	Ratio	Lower	Upper
41	100		
39	55.6	50.0	75.0
67	80.7	65.4	98.2
52	35.6	27.7	41.5

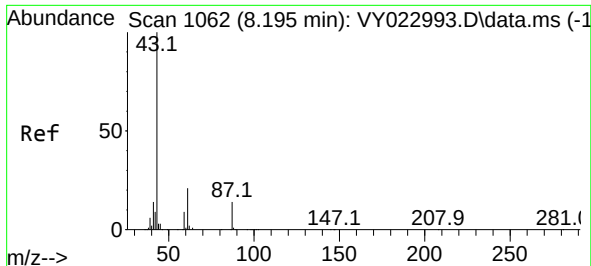


#42
1,2-Dichloroethane
Concen: 20.404 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 62 Resp: 108352

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0

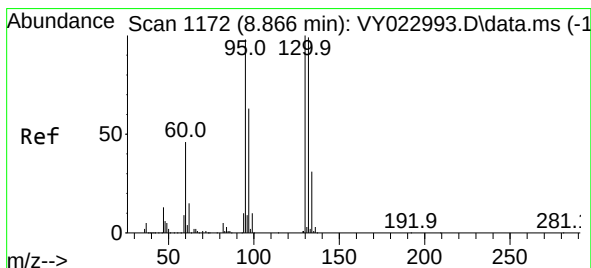
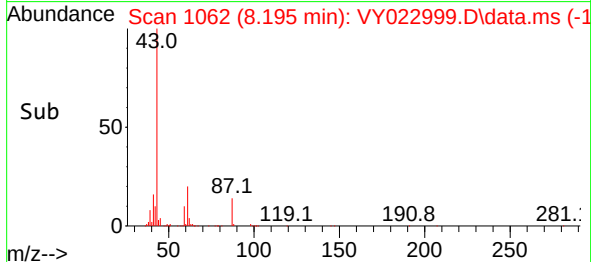
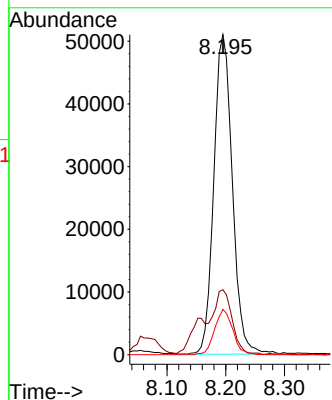
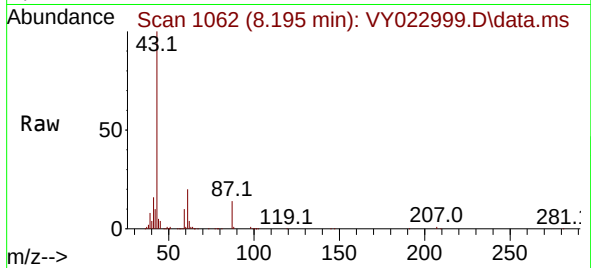




#43
Isopropyl Acetate
Concen: 21.370 ug/l
RT: 8.195 min Scan# 111756
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

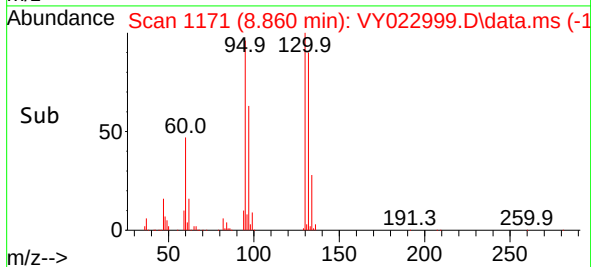
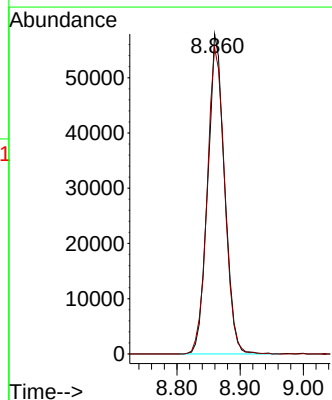
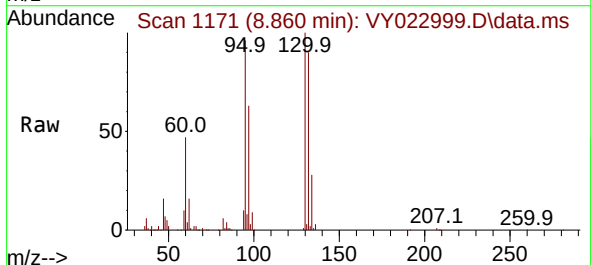
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

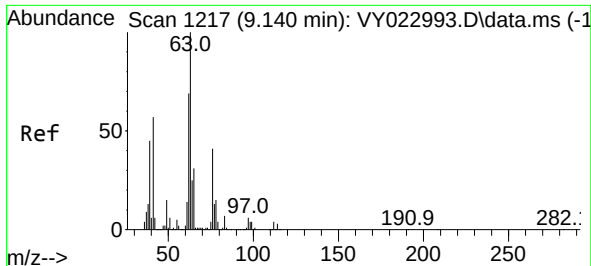
Tgt Ion: 43 Resp: 111756
Ion Ratio Lower Upper
43 100
61 19.8 25.0 37.4#
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 19.555 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion:130 Resp: 107207
Ion Ratio Lower Upper
130 100
95 95.7 0.0 195.8





#45

1,2-Dichloropropane

Concen: 19.657 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

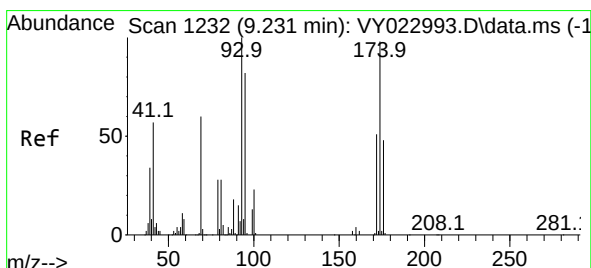
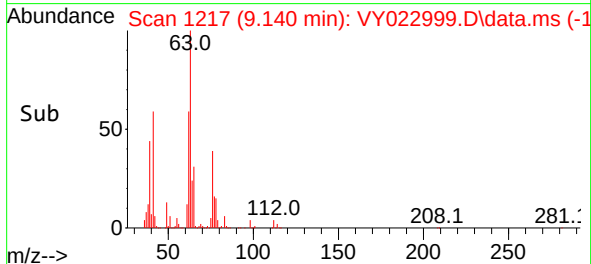
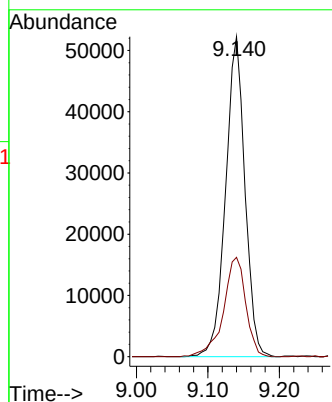
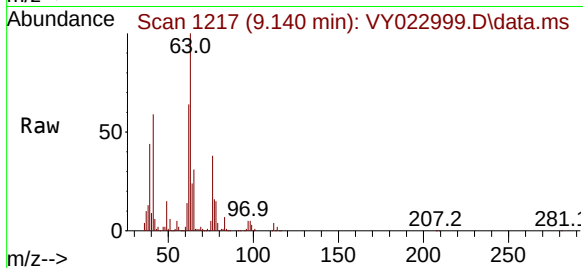
VY0718SBS01

Tgt Ion: 63 Resp: 97977

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#46

Dibromomethane

Concen: 20.337 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

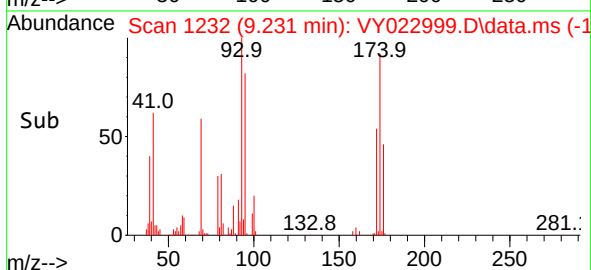
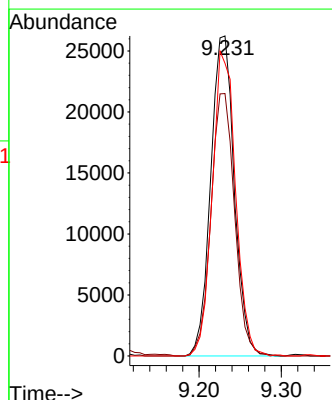
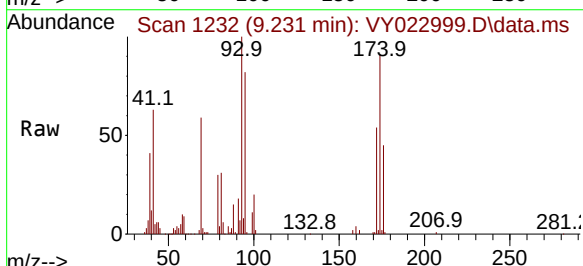
Tgt Ion: 93 Resp: 52396

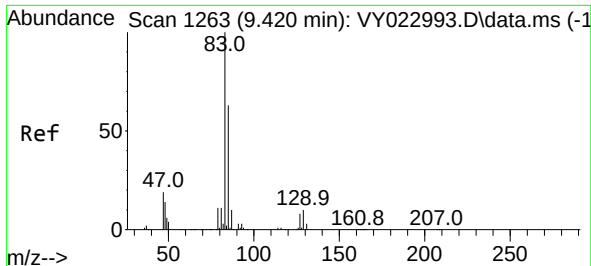
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 94.1 76.4 114.6

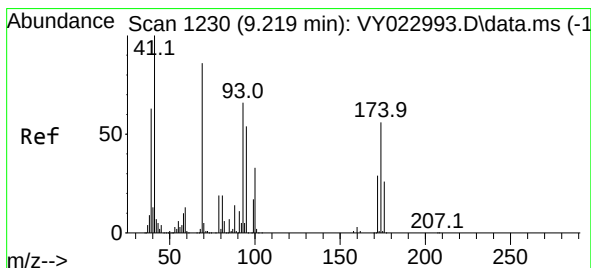
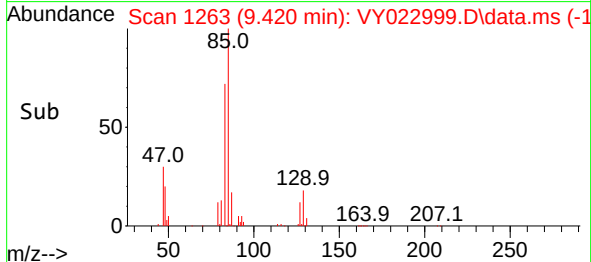
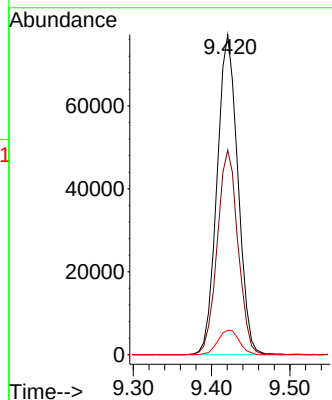
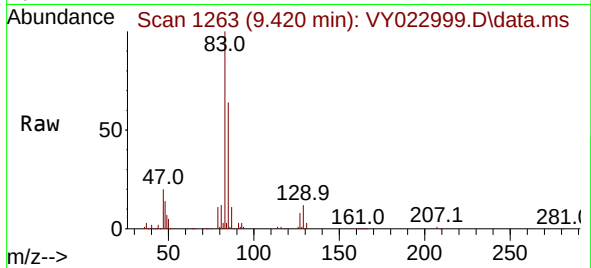




#47
Bromodichloromethane
Concen: 19.991 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

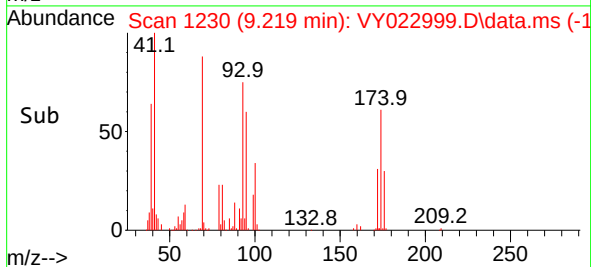
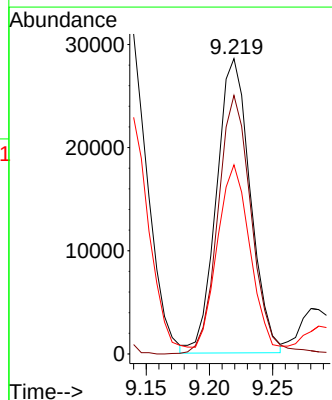
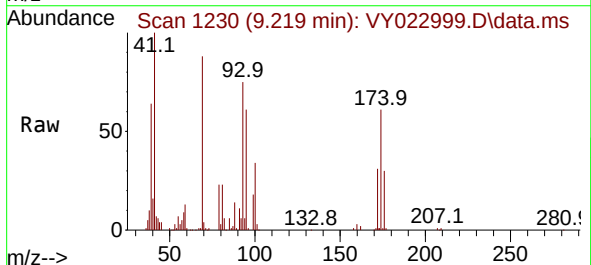
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

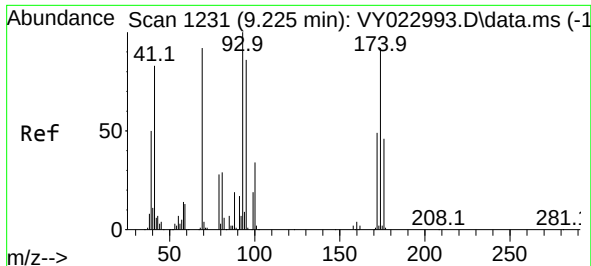
Tgt Ion: 83 Resp: 142366
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8
127 7.7 6.5 9.7



#48
Methyl methacrylate
Concen: 21.043 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 41 Resp: 53129
Ion Ratio Lower Upper
41 100
69 87.6 71.4 107.0
39 58.9 47.8 71.8





#49

1,4-Dioxane

Concen: 384.279 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

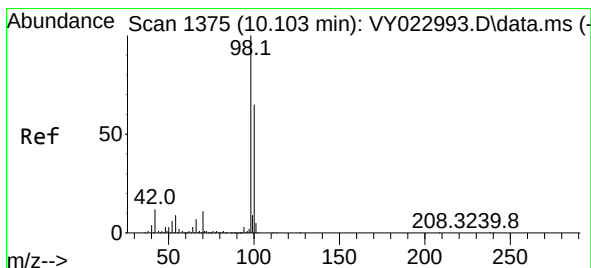
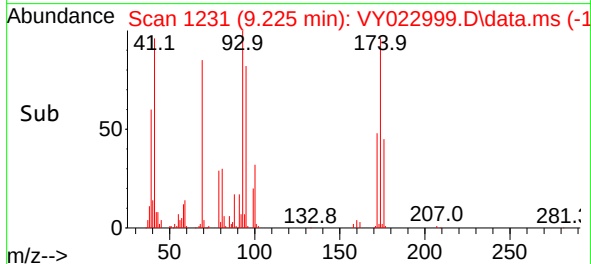
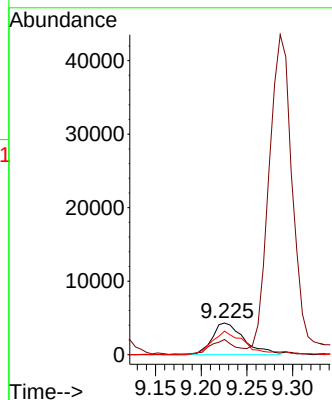
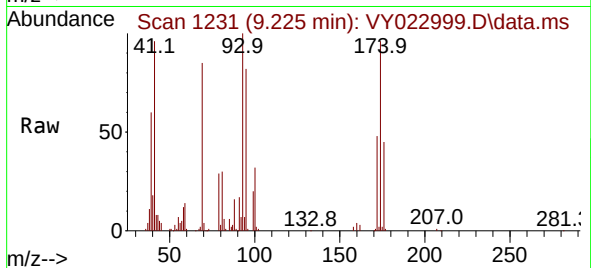
Tgt Ion: 88 Resp: 10436

Ion Ratio Lower Upper

88 100

43 35.7 28.7 43.1

58 72.5 59.8 89.6



#50

Toluene-d8

Concen: 48.217 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022999.D

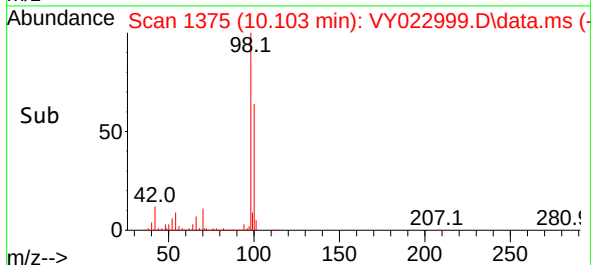
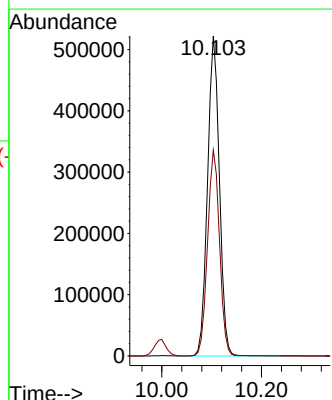
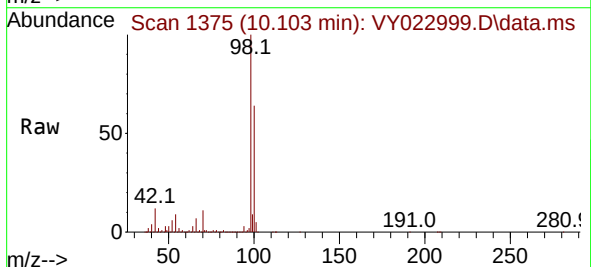
Acq: 18 Jul 2025 15:37

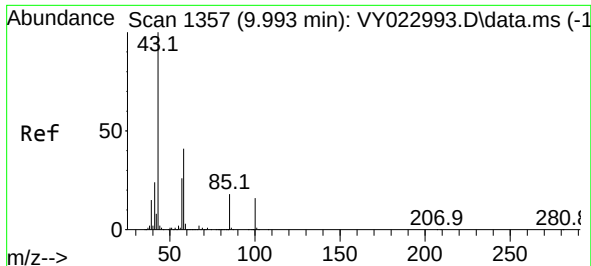
Tgt Ion: 98 Resp: 860531

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

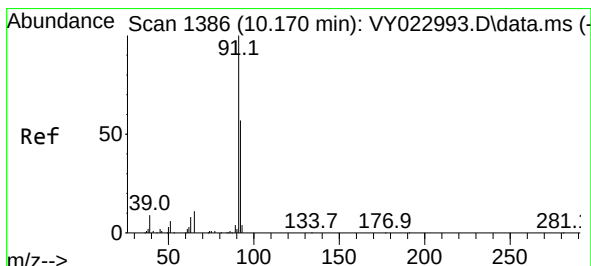
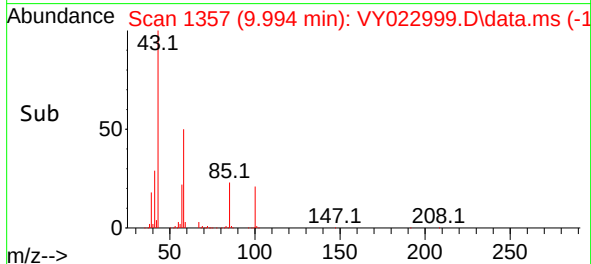
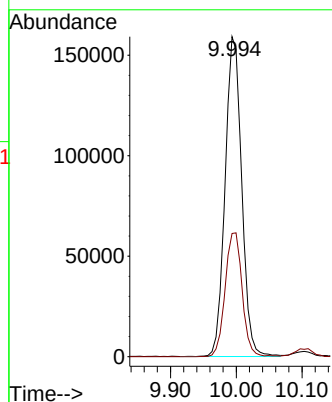
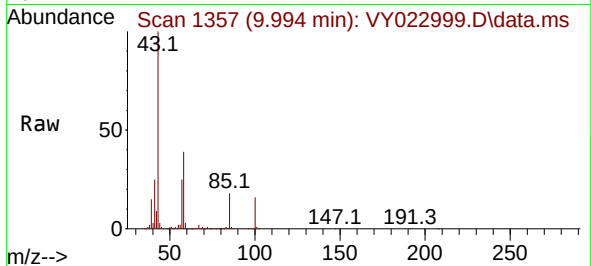




#51
4-Methyl-2-Pentanone
Concen: 105.379 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

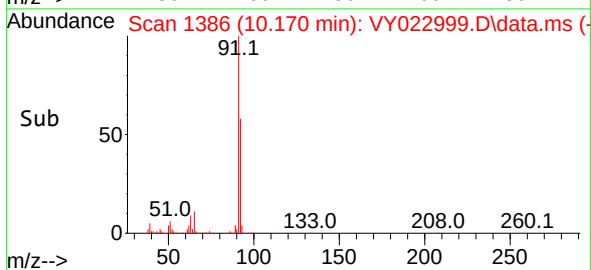
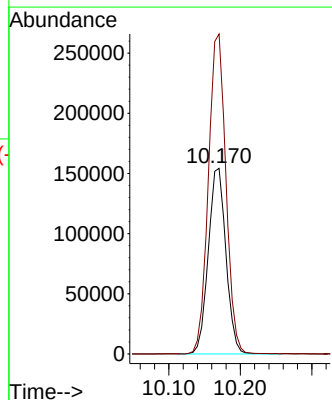
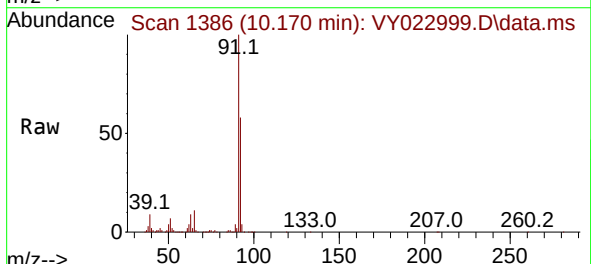
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

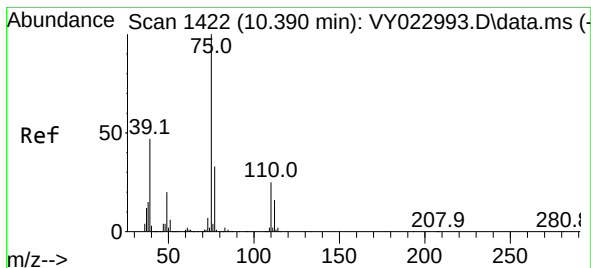
Tgt Ion: 43 Resp: 279720
Ion Ratio Lower Upper
43 100
58 39.9 32.5 48.7



#52
Toluene
Concen: 19.888 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 92 Resp: 263920
Ion Ratio Lower Upper
92 100
91 171.7 137.8 206.6

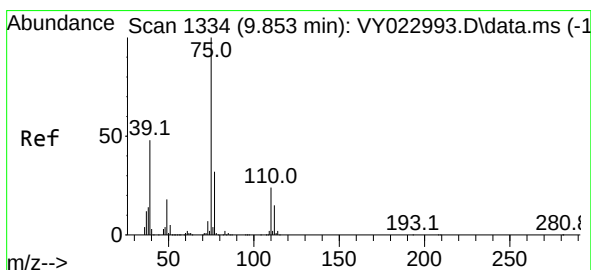
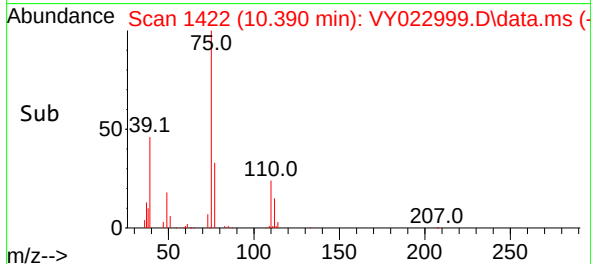
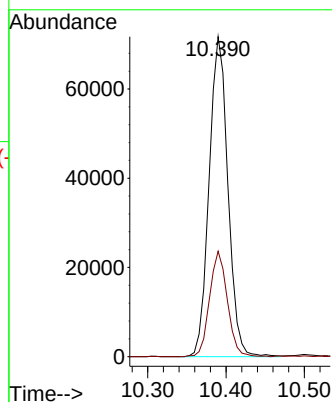
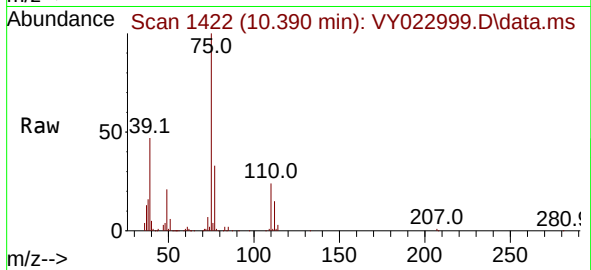




#53
 t-1,3-Dichloropropene
 Concen: 19.545 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

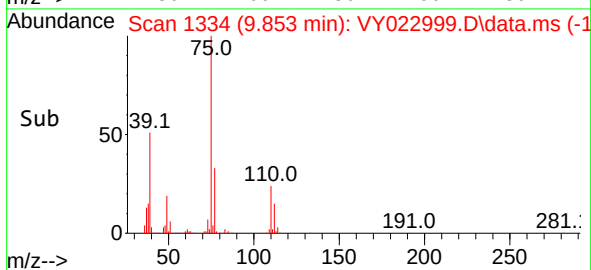
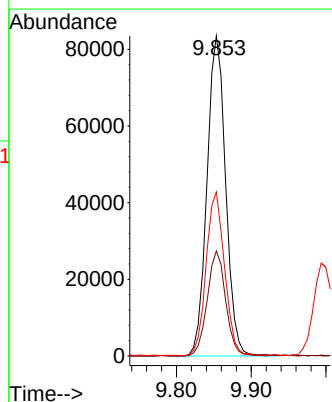
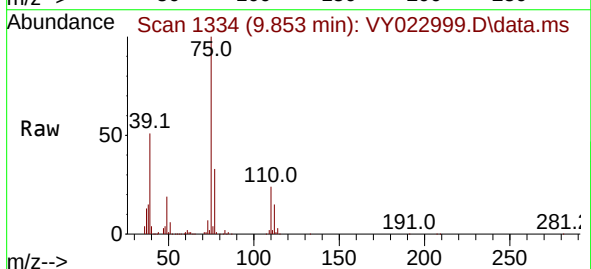
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

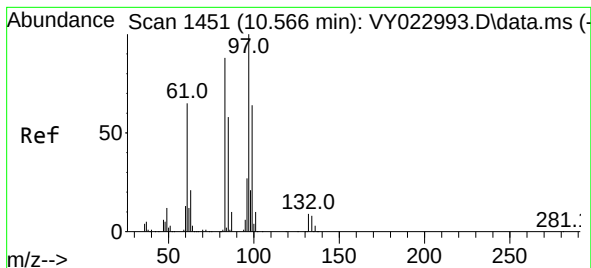
Tgt Ion: 75 Resp: 119486
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.663 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

Tgt Ion: 75 Resp: 144882
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 51.1 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 20.313 ug/l

RT: 10.567 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

Tgt Ion: 97 Resp: 68786

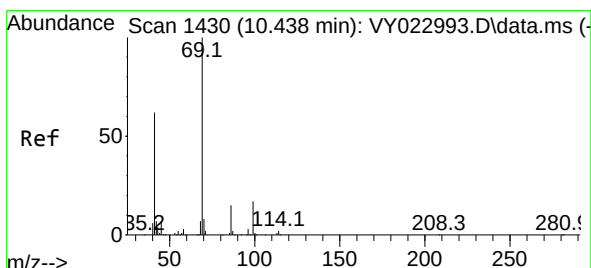
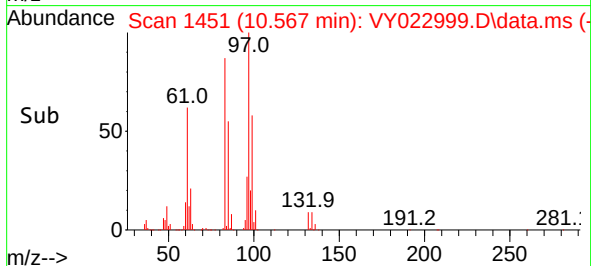
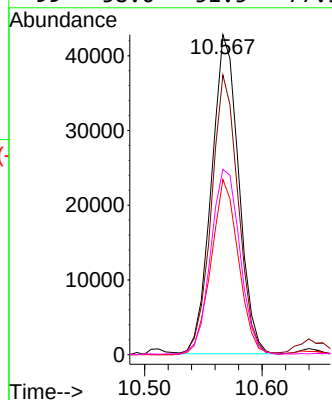
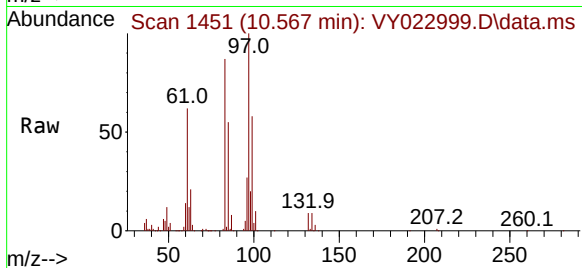
Ion Ratio Lower Upper

97 100

83 87.4 70.2 105.2

85 54.8 46.2 69.2

99 58.0 51.5 77.3



#56

Ethyl methacrylate

Concen: 19.906 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

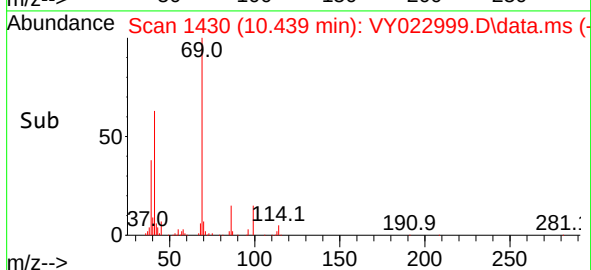
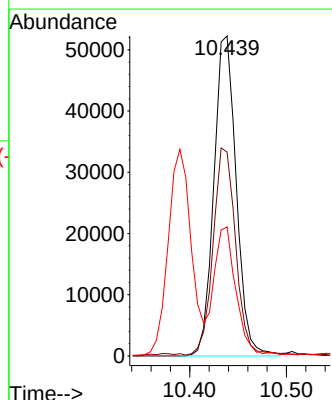
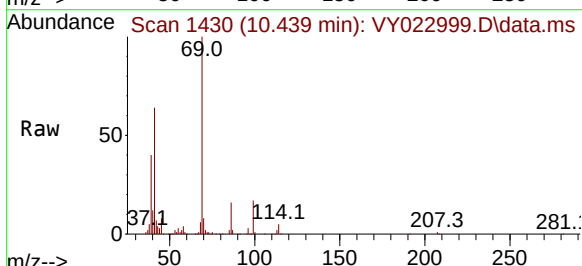
Tgt Ion: 69 Resp: 84145

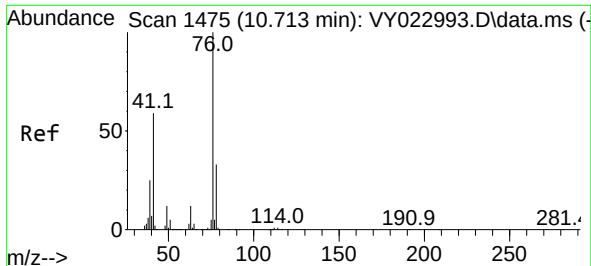
Ion Ratio Lower Upper

69 100

41 65.1 51.0 76.4

39 39.5 30.6 46.0





#57

1,3-Dichloropropane

Concen: 20.264 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

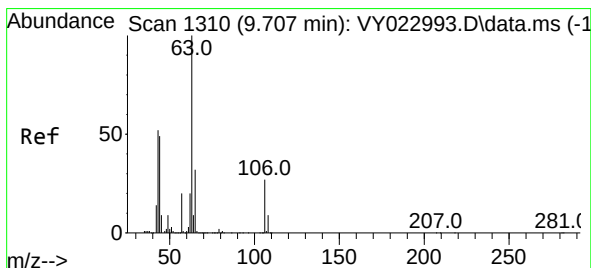
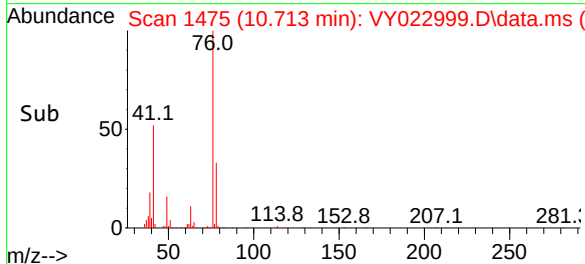
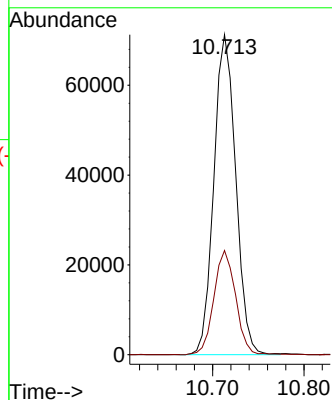
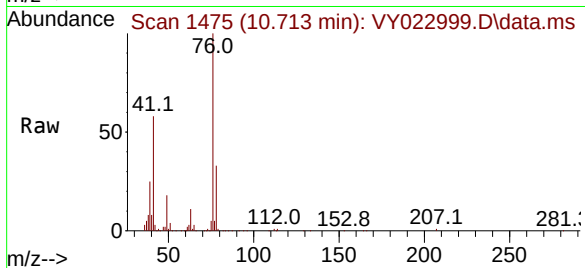
VY0718SBS01

Tgt Ion: 76 Resp: 118536

Ion Ratio Lower Upper

76 100

78 32.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.158 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022999.D

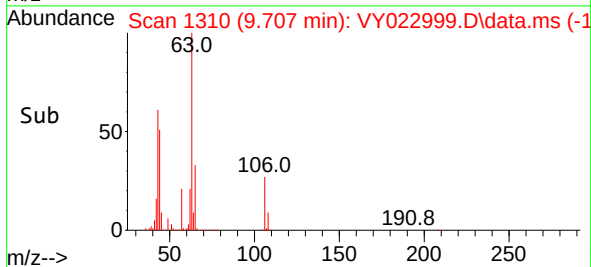
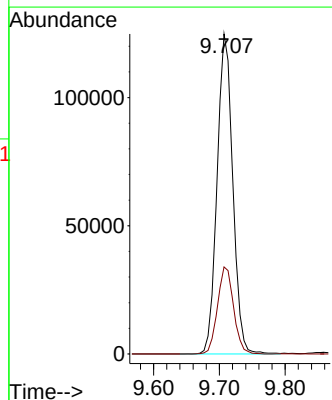
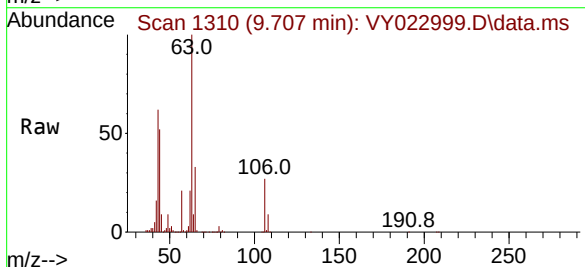
Acq: 18 Jul 2025 15:37

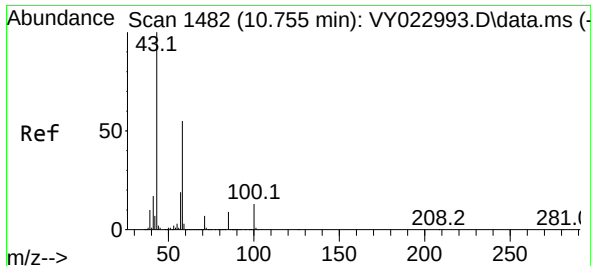
Tgt Ion: 63 Resp: 207251

Ion Ratio Lower Upper

63 100

106 27.9 22.6 33.8

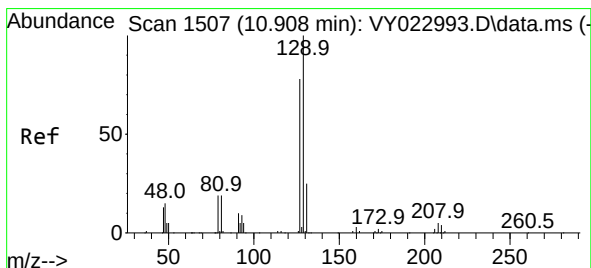
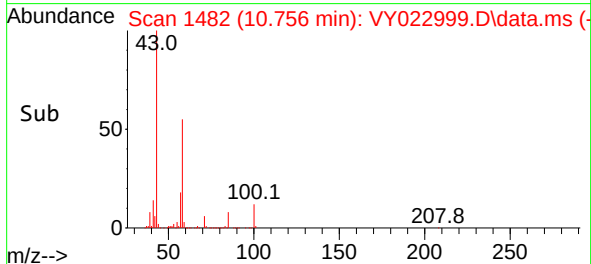
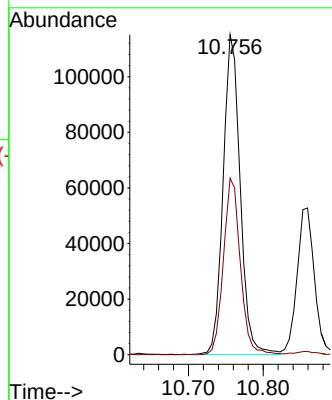
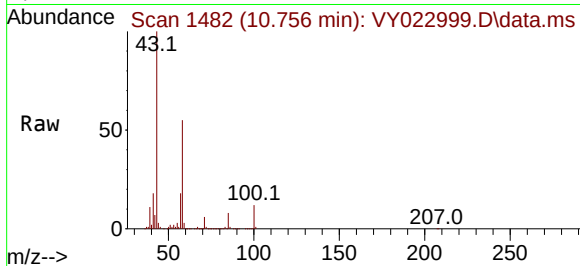




#59
2-Hexanone
Concen: 104.630 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

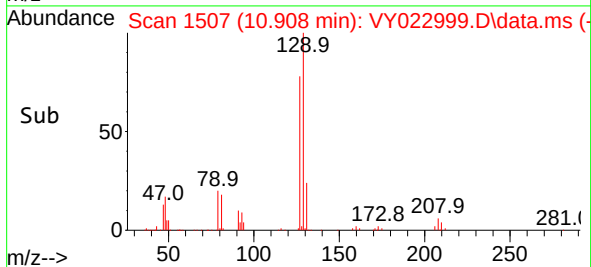
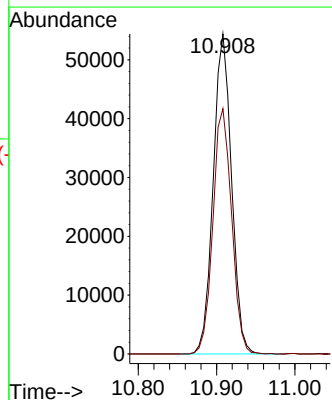
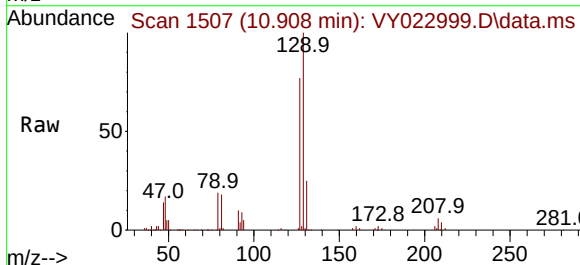
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

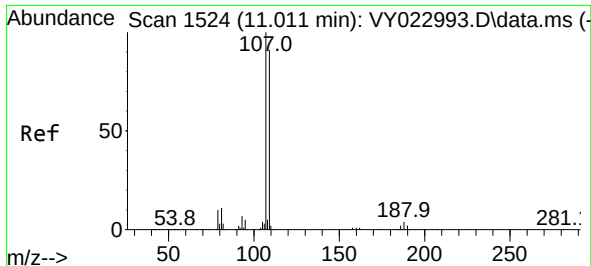
Tgt Ion: 43 Resp: 182559
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3



#60
Dibromochloromethane
Concen: 19.911 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 129 Resp: 88291
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1

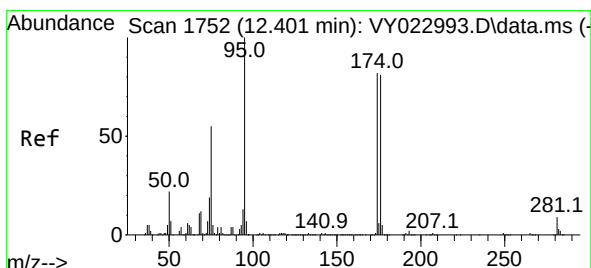
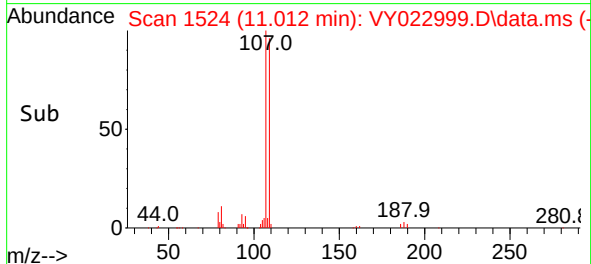
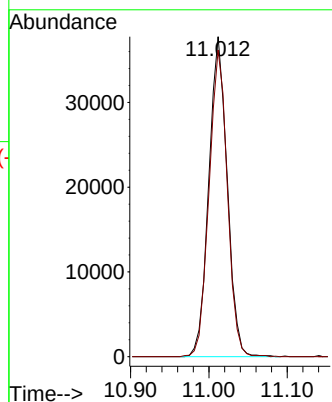
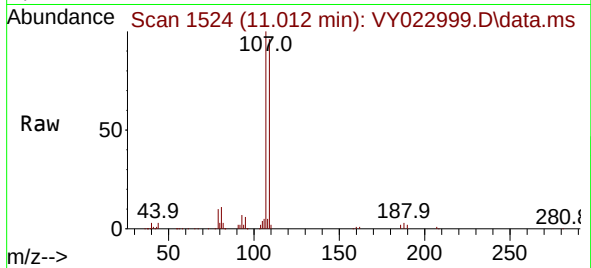




#61
1,2-Dibromoethane
Concen: 20.010 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

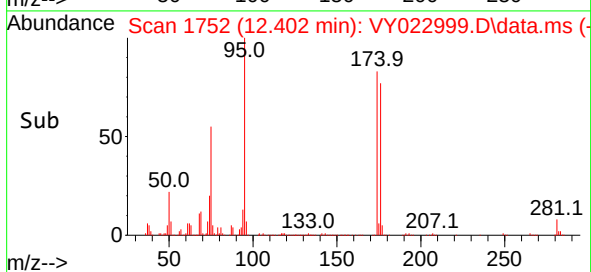
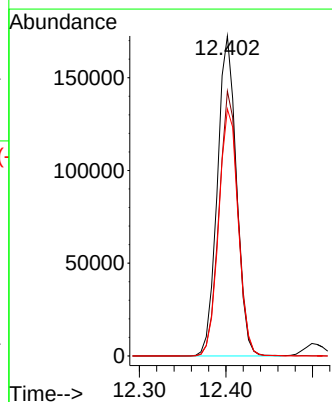
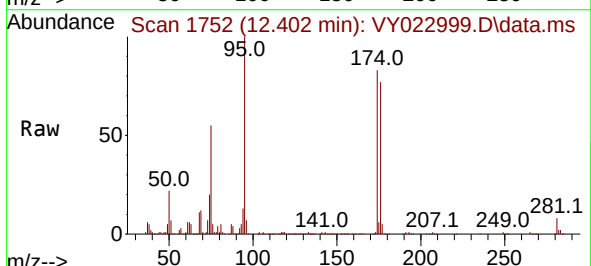
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

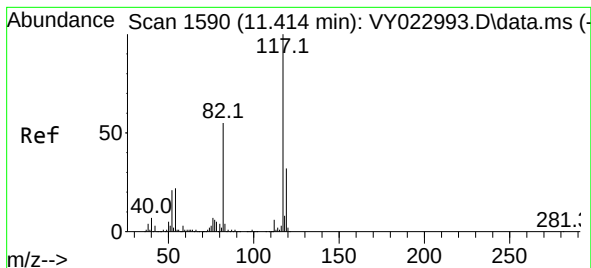
Tgt Ion:107 Resp: 61533
Ion Ratio Lower Upper
107 100
109 95.4 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.955 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 95 Resp: 263791
Ion Ratio Lower Upper
95 100
174 82.4 0.0 170.8
176 78.8 0.0 163.6

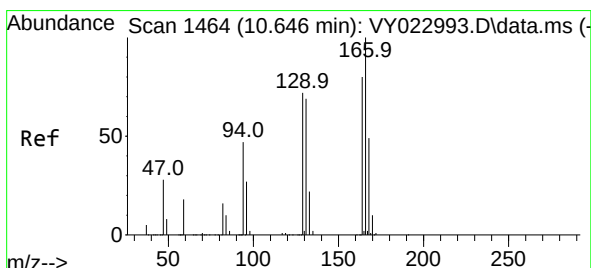
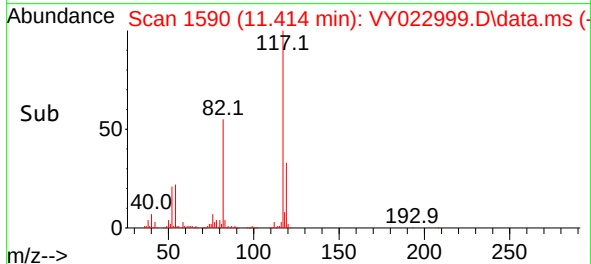
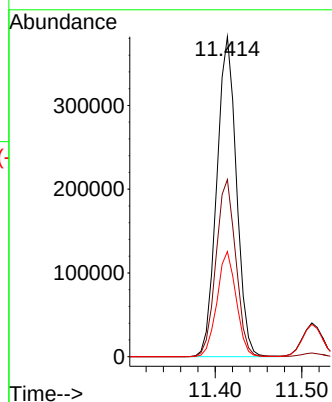
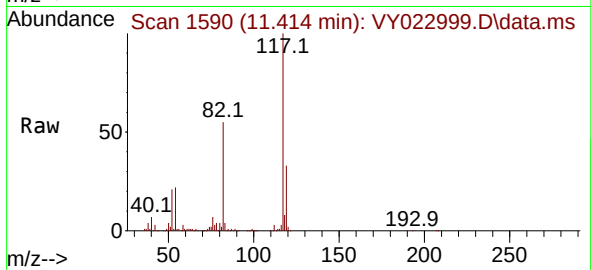




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

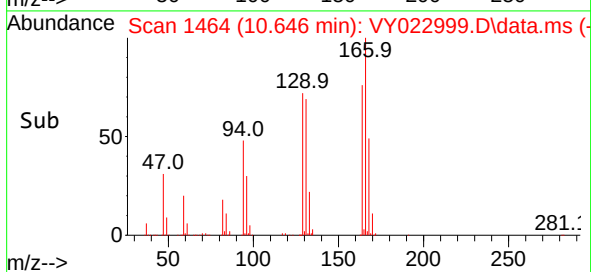
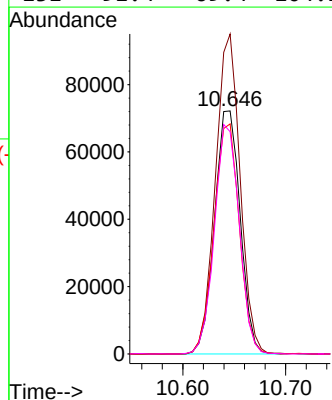
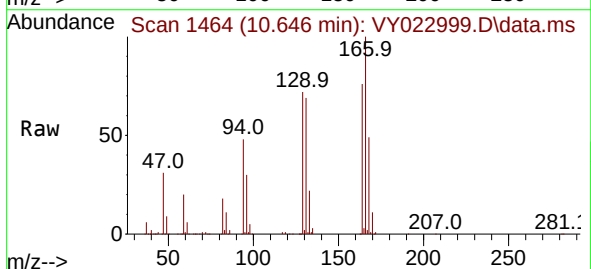
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

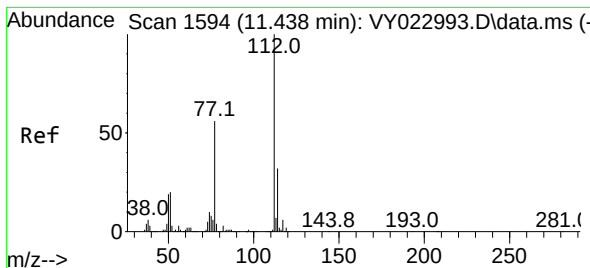
Tgt Ion:117 Resp: 602809
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.8 25.8 38.8



#64
Tetrachloroethene
Concen: 20.315 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion:164 Resp: 125172
Ion Ratio Lower Upper
164 100
166 131.6 100.2 150.2
129 94.6 71.7 107.5
131 91.4 69.4 104.2





#65

Chlorobenzene

Concen: 19.277 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

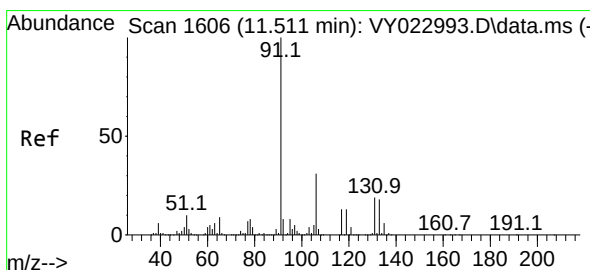
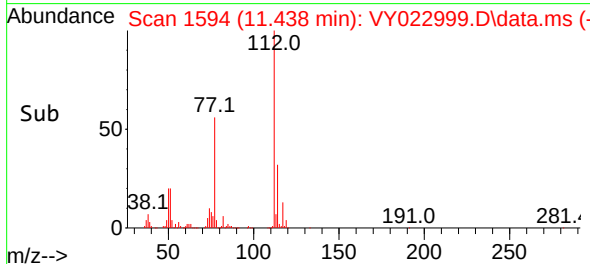
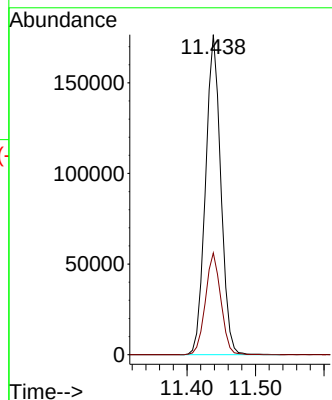
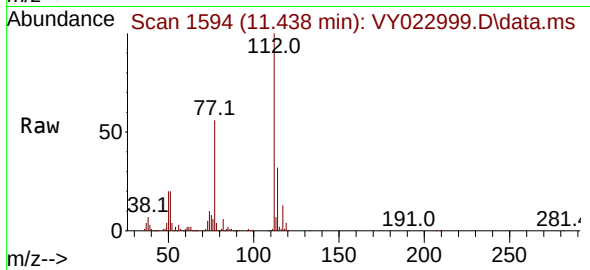
VY0718SBS01

Tgt Ion:112 Resp: 274210

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.062 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

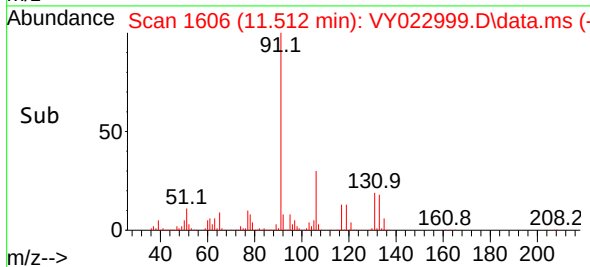
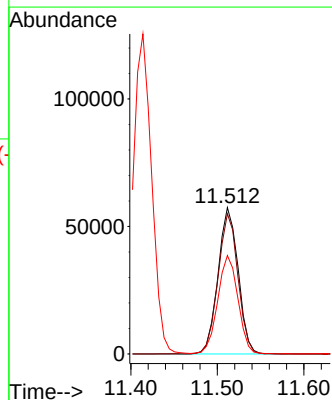
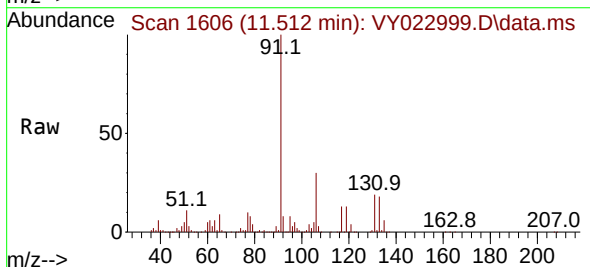
Tgt Ion:131 Resp: 92484

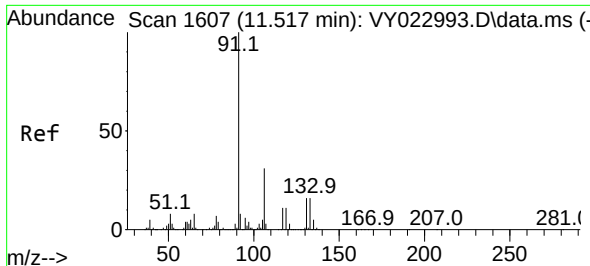
Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

119 67.6 33.3 99.8





#67

Ethyl Benzene

Concen: 19.406 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

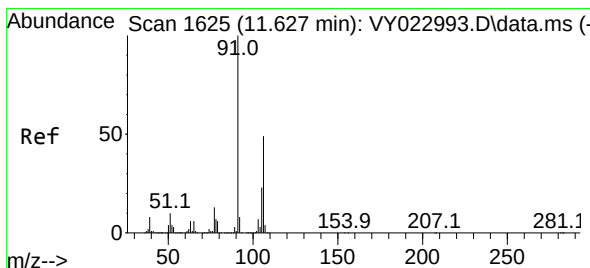
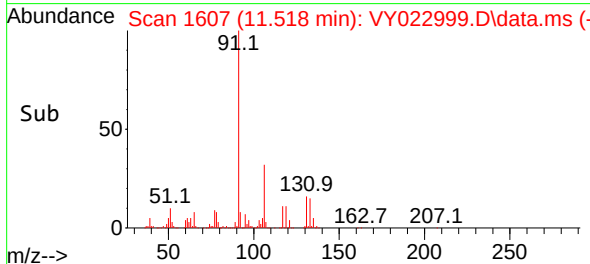
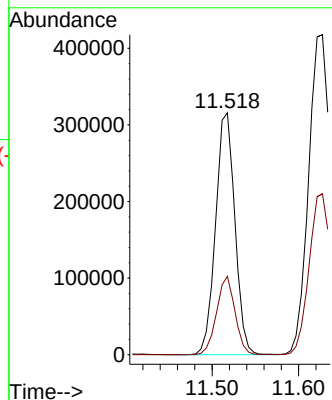
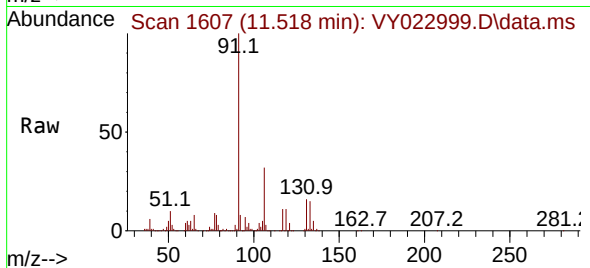
VY0718SBS01

Tgt Ion: 91 Resp: 489285

Ion Ratio Lower Upper

91 100

106 32.3 24.6 37.0



#68

m/p-Xylenes

Concen: 38.869 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022999.D

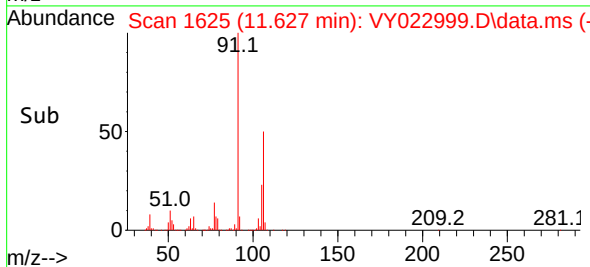
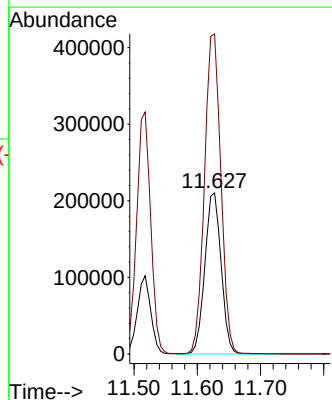
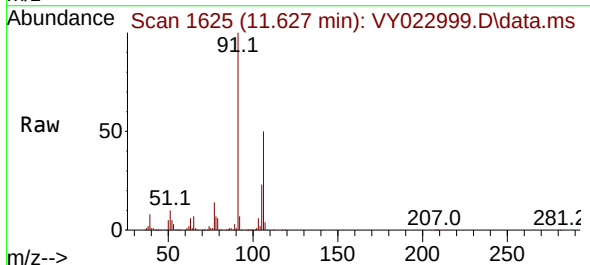
Acq: 18 Jul 2025 15:37

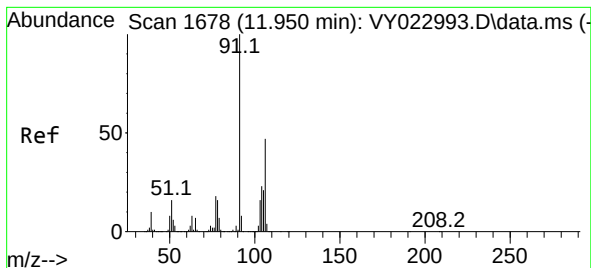
Tgt Ion:106 Resp: 375895

Ion Ratio Lower Upper

106 100

91 200.5 159.8 239.8

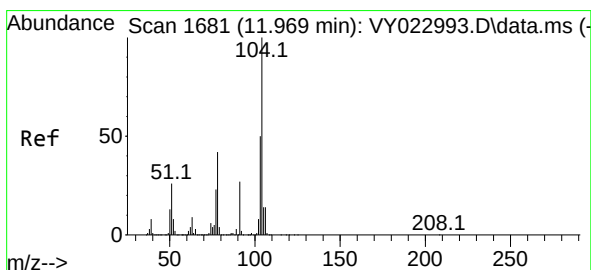
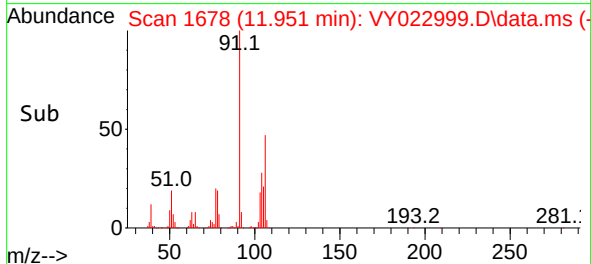
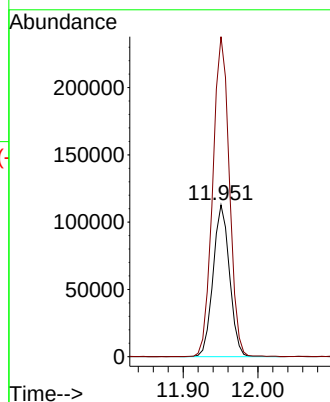
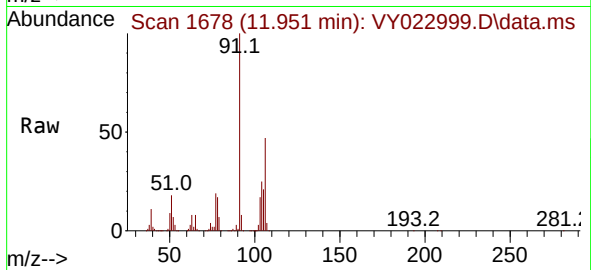




#69
o-Xylene
Concen: 19.161 ug/l
RT: 11.951 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

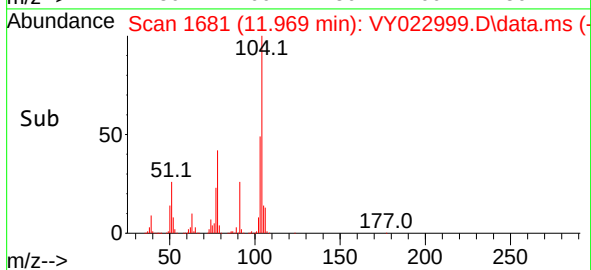
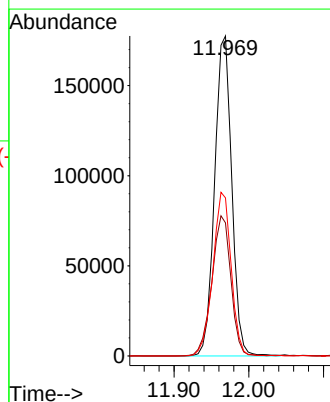
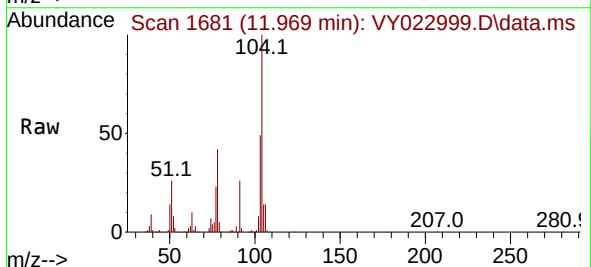
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

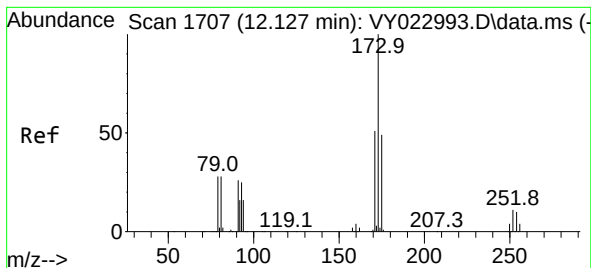
Tgt Ion:106 Resp: 171968
Ion Ratio Lower Upper
106 100
91 214.2 106.3 318.8



#70
Styrene
Concen: 19.177 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion:104 Resp: 281919
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.6 43.7 65.5





#71

Bromoform

Concen: 19.165 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

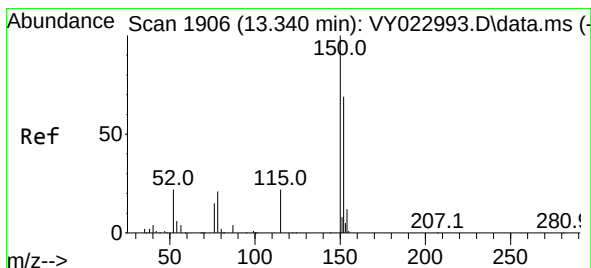
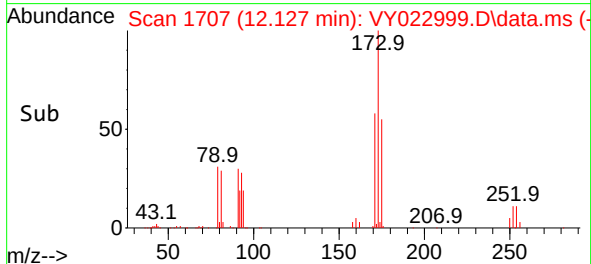
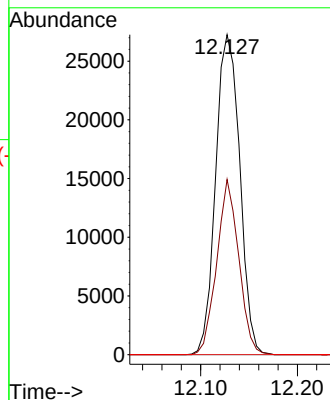
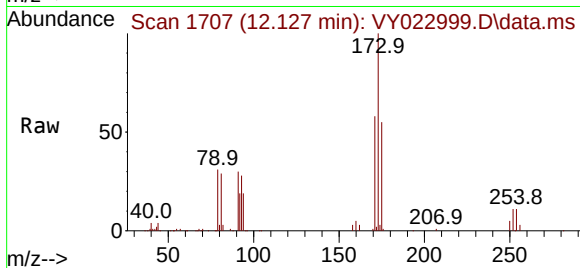
Tgt Ion:173 Resp: 47203

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.341 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

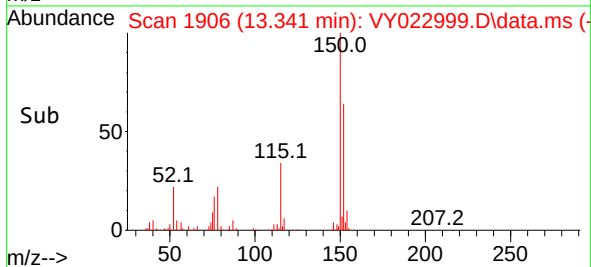
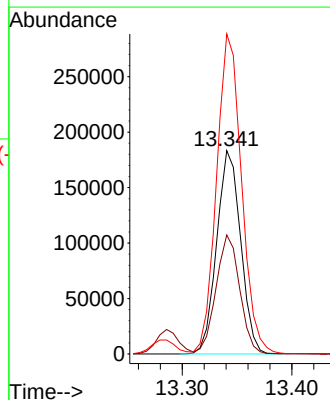
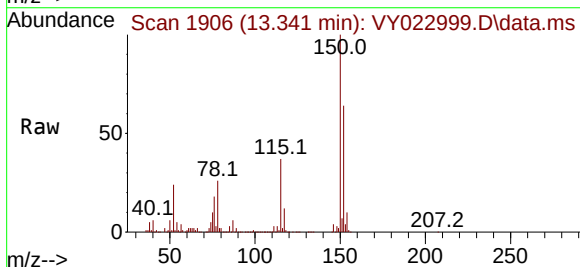
Tgt Ion:152 Resp: 278729

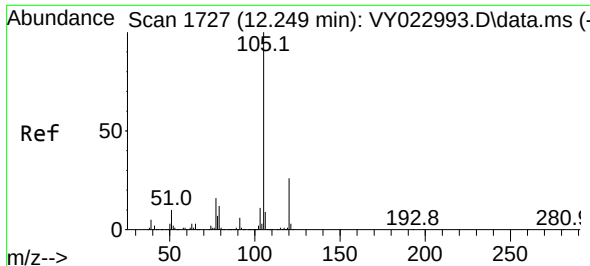
Ion Ratio Lower Upper

152 100

115 57.7 29.4 88.2

150 163.9 0.0 350.0

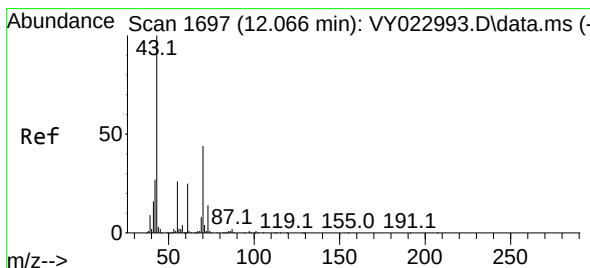
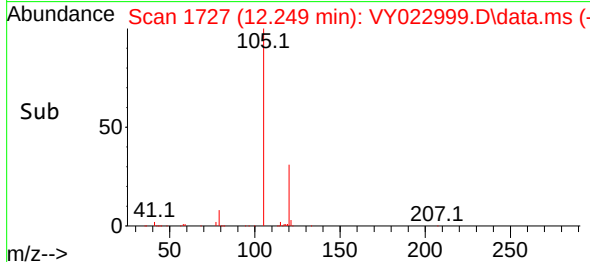
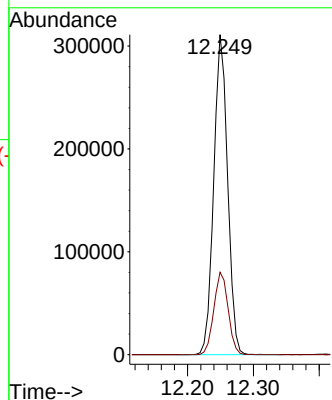
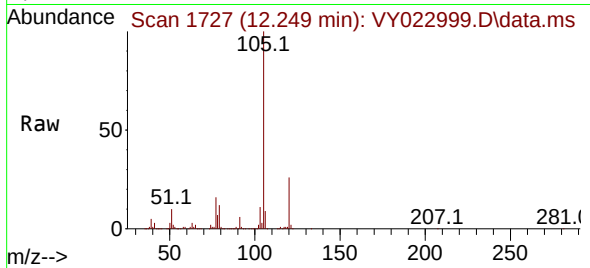




#73
Isopropylbenzene
Concen: 19.298 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

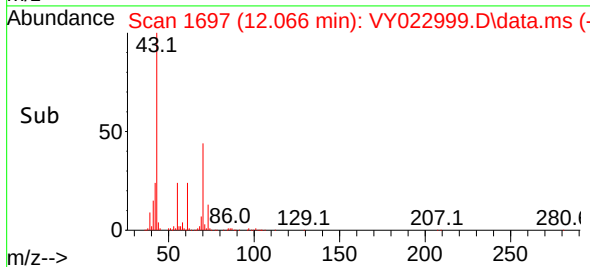
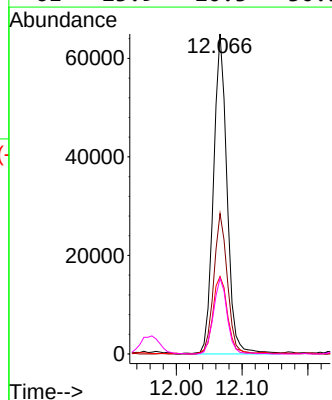
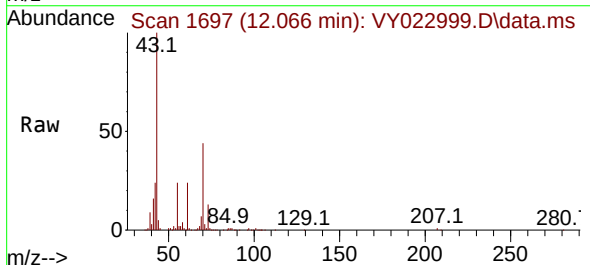
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

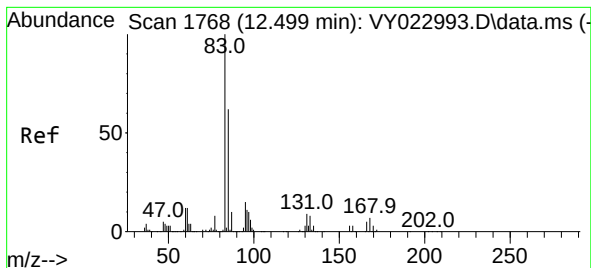
Tgt Ion:105 Resp: 456033
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 20.983 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 43 Resp: 93486
Ion Ratio Lower Upper
43 100
70 43.7 36.2 54.2
55 26.2 20.9 31.3
61 23.9 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.356 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

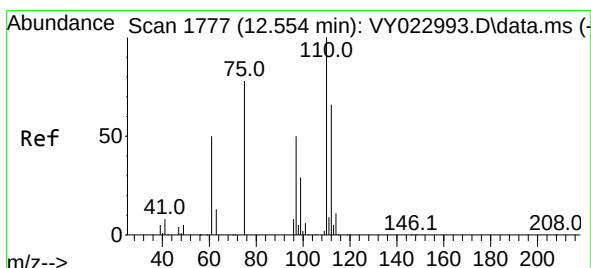
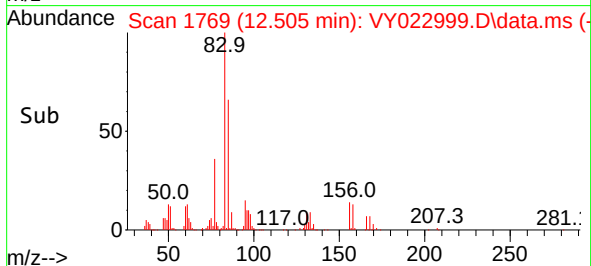
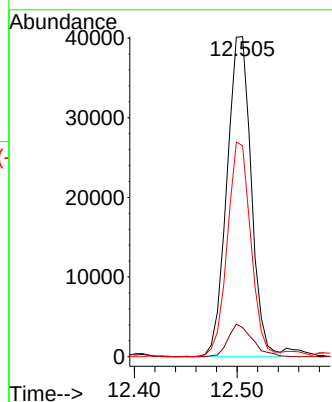
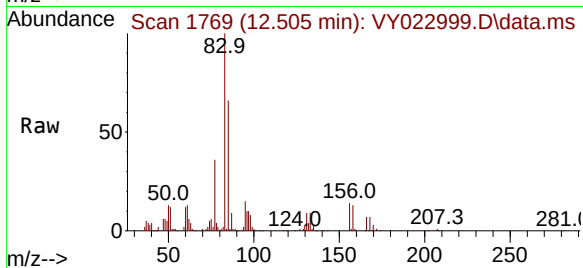
Tgt Ion: 83 Resp: 66193

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 65.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.373 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022999.D

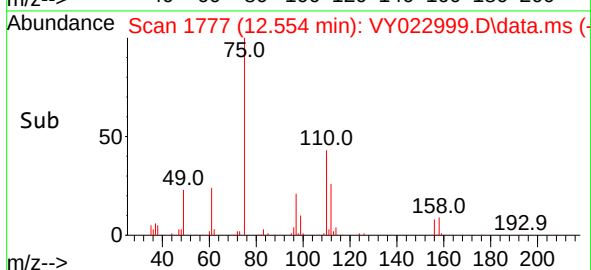
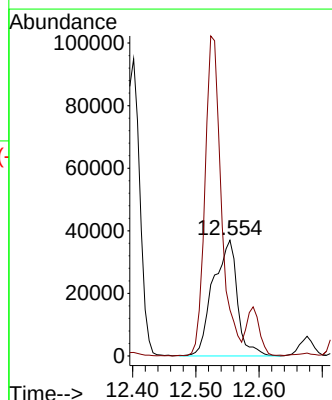
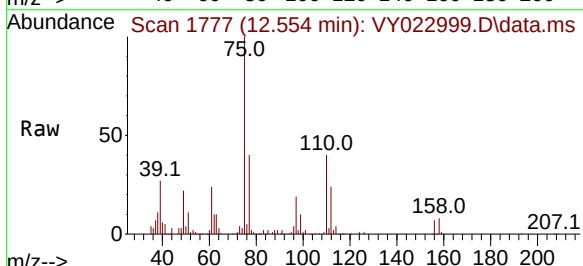
Acq: 18 Jul 2025 15:37

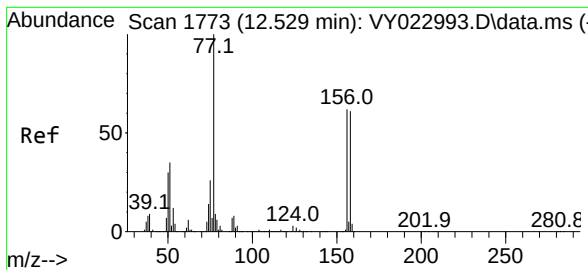
Tgt Ion: 75 Resp: 98545

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.003 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

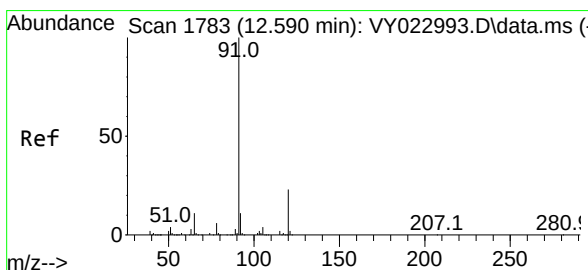
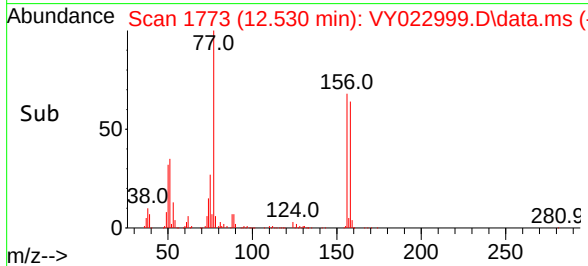
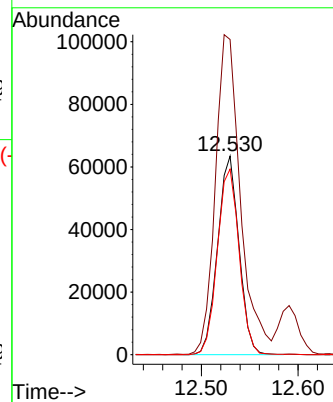
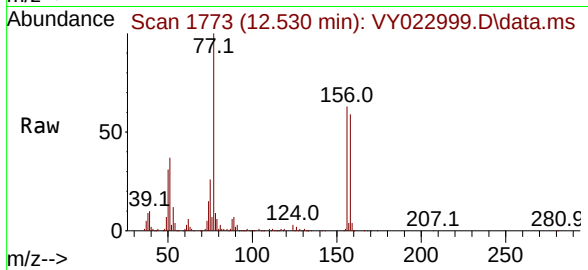
Tgt Ion:156 Resp: 97397

Ion Ratio Lower Upper

156 100

77 189.9 92.0 276.1

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 19.583 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022999.D

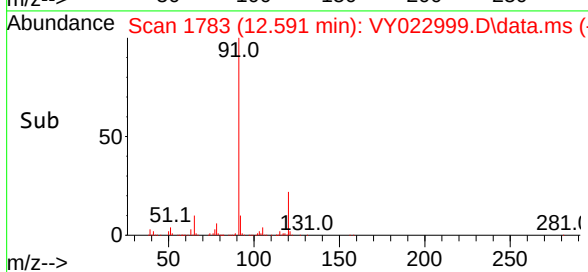
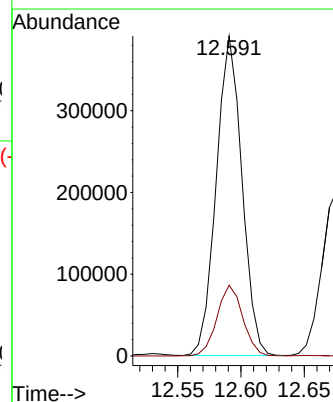
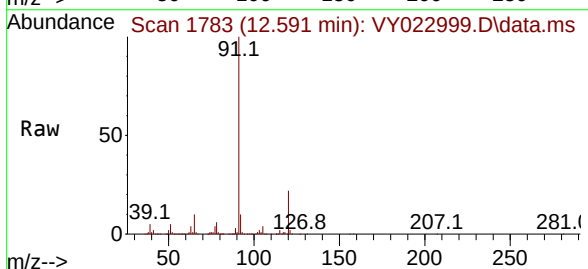
Acq: 18 Jul 2025 15:37

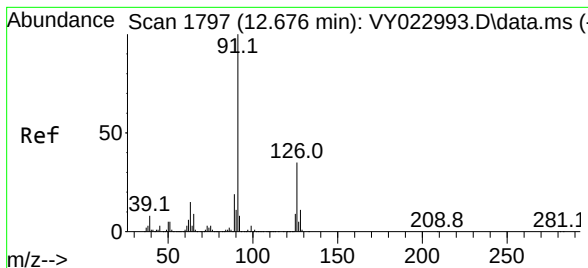
Tgt Ion: 91 Resp: 551100

Ion Ratio Lower Upper

91 100

120 22.2 11.3 33.8

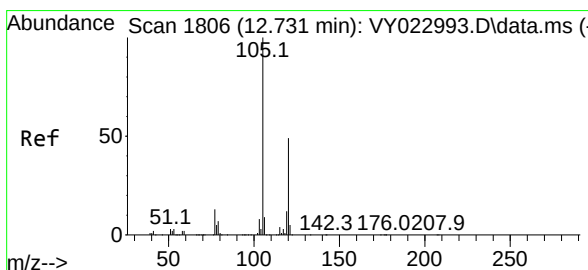
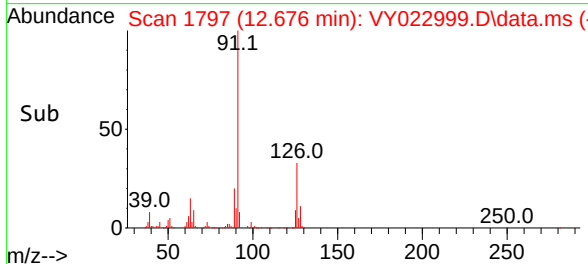
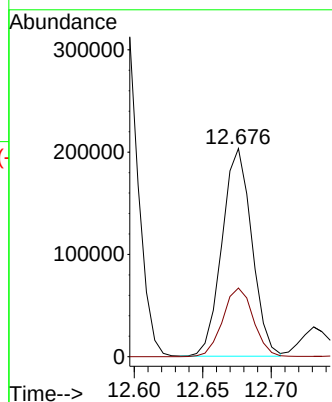
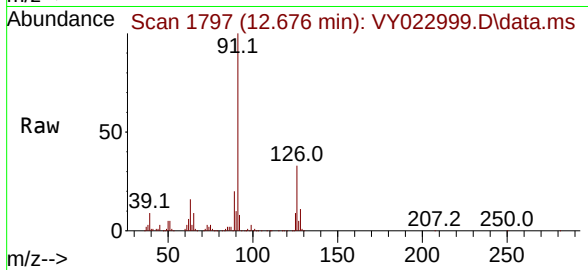




#79
2-Chlorotoluene
Concen: 19.442 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

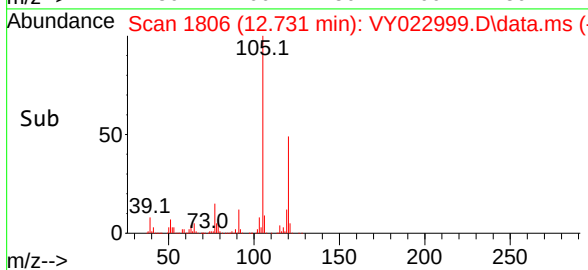
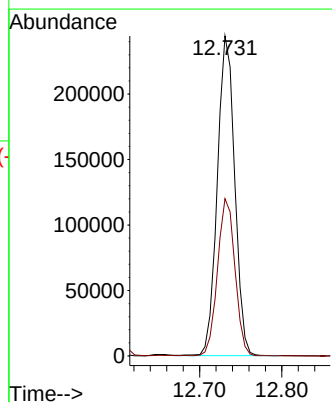
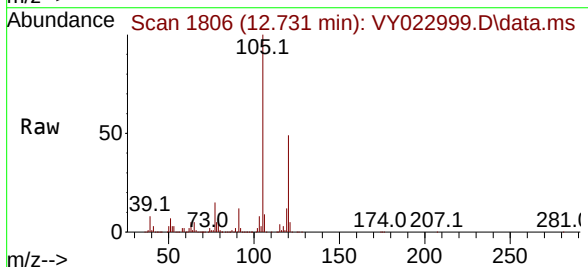
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

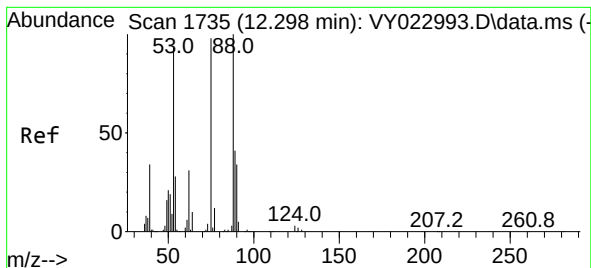
Tgt Ion: 91 Resp: 307709
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 19.246 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 105 Resp: 358710
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8

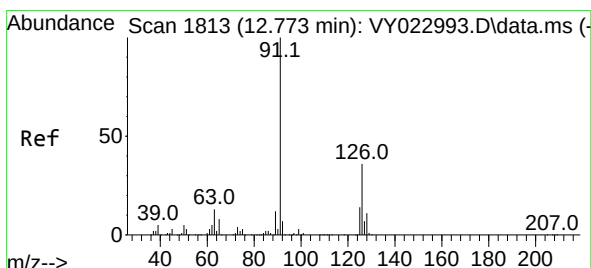
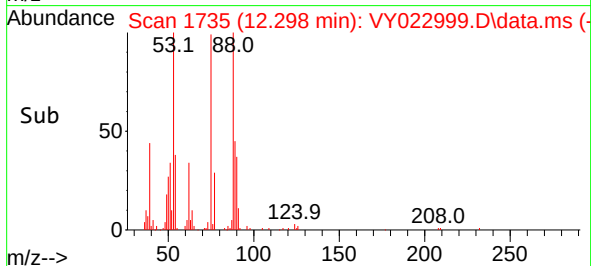
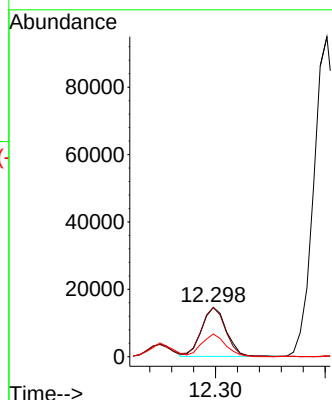
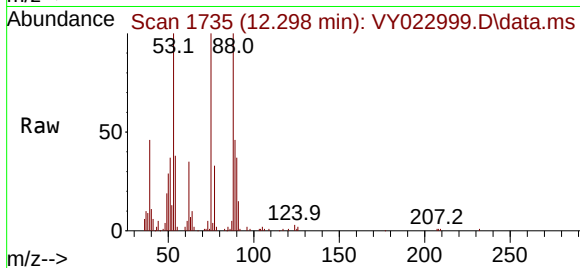




#81
trans-1,4-Dichloro-2-butene
Concen: 19.396 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

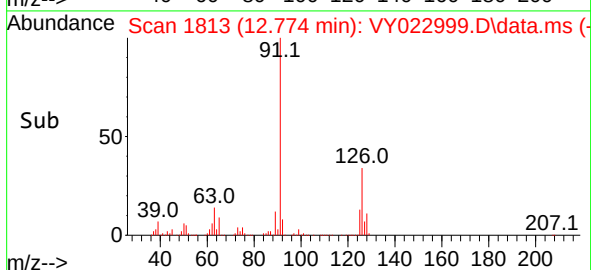
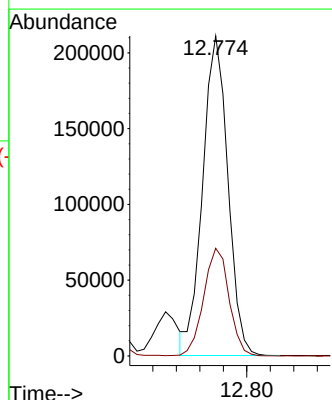
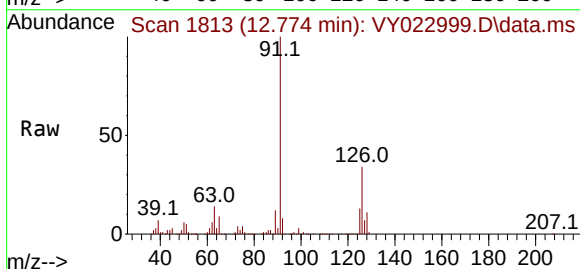
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

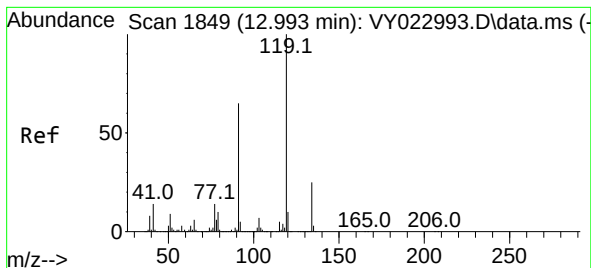
Tgt Ion: 75 Resp: 22618
Ion Ratio Lower Upper
75 100
53 99.5 76.1 114.1
89 44.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.710 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 91 Resp: 314623
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.5





#83

tert-Butylbenzene

Concen: 18.735 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

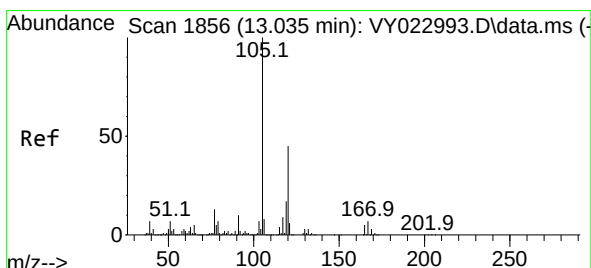
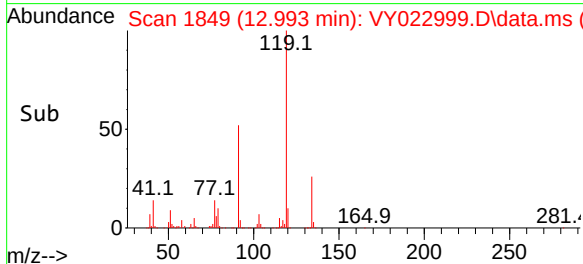
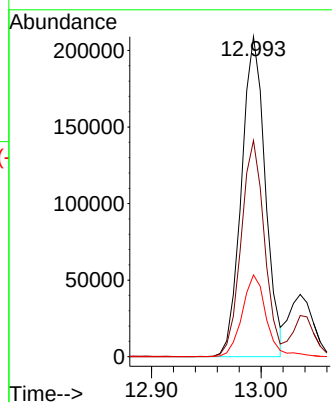
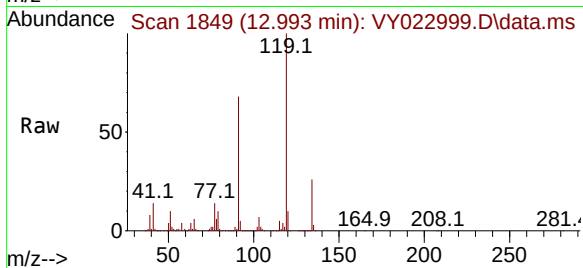
Tgt Ion:119 Resp: 315405

Ion Ratio Lower Upper

119 100

91 65.8 32.0 96.2

134 25.9 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 19.433 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY022999.D

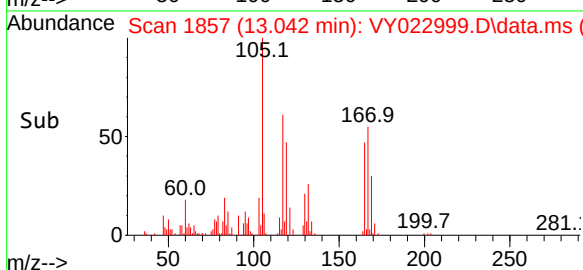
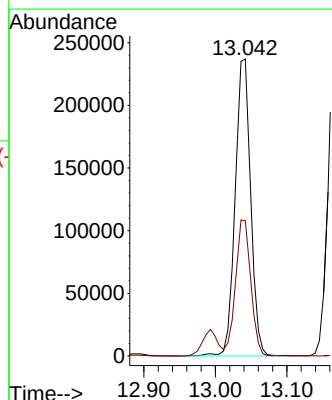
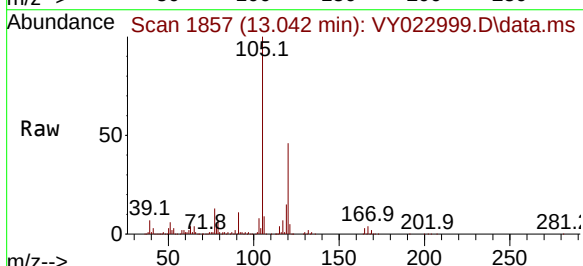
Acq: 18 Jul 2025 15:37

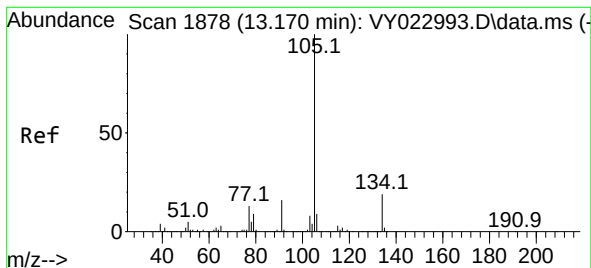
Tgt Ion:105 Resp: 356535

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 19.267 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

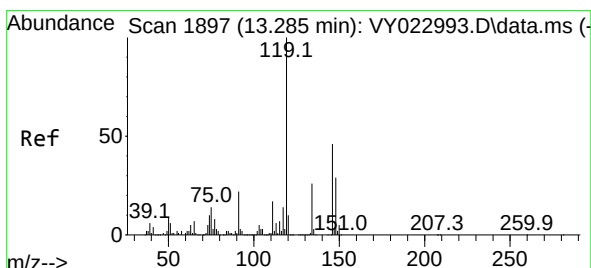
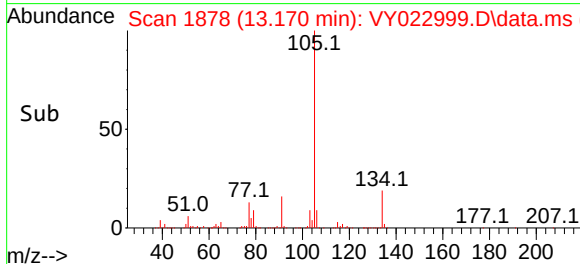
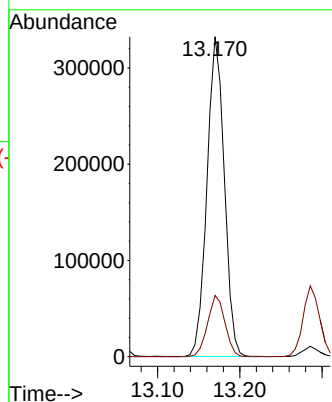
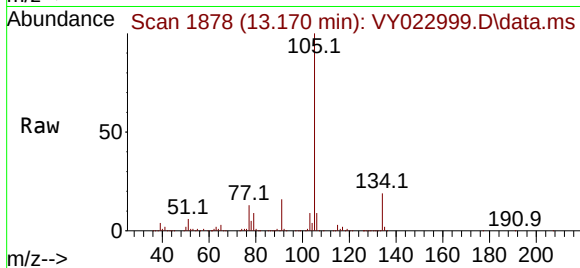
VY0718SBS01

Tgt Ion:105 Resp: 486092

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.377 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

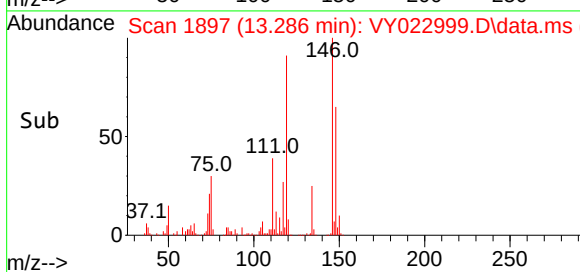
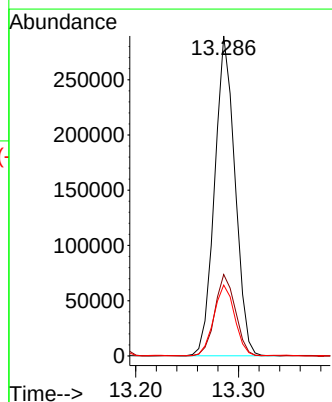
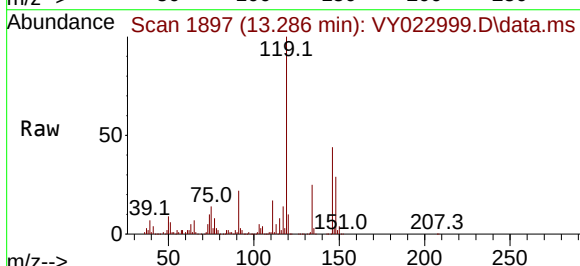
Tgt Ion:119 Resp: 397045

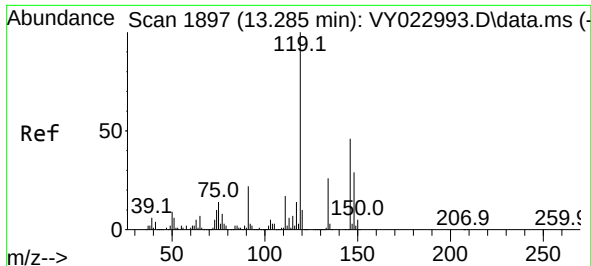
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.836 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

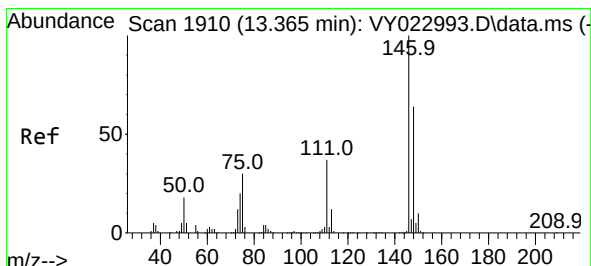
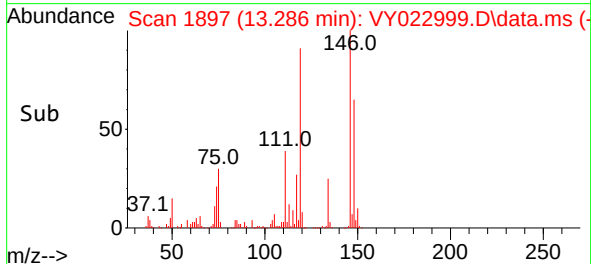
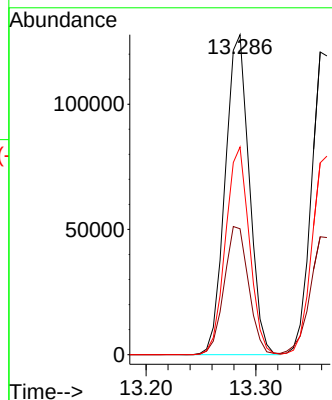
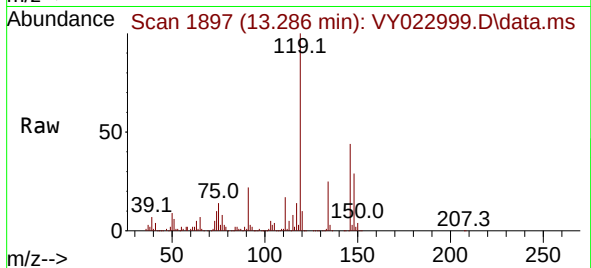
Tgt Ion:146 Resp: 194823

Ion Ratio Lower Upper

146 100

111 40.9 19.8 59.3

148 64.3 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 19.165 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.006 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

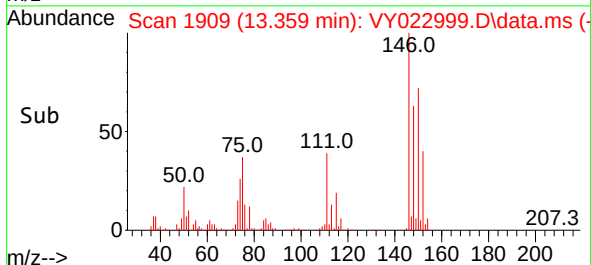
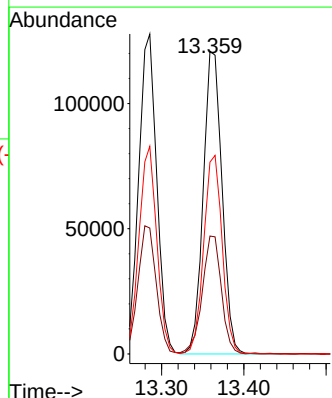
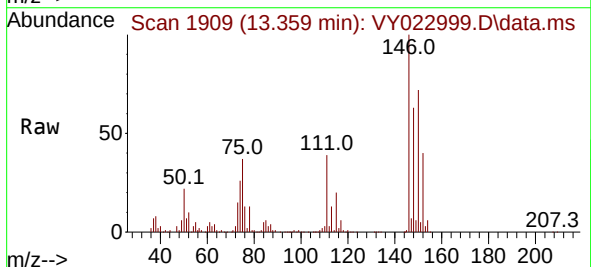
Tgt Ion:146 Resp: 191774

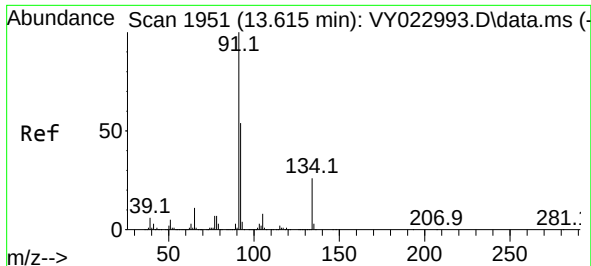
Ion Ratio Lower Upper

146 100

111 39.7 19.2 57.6

148 64.7 31.9 95.5

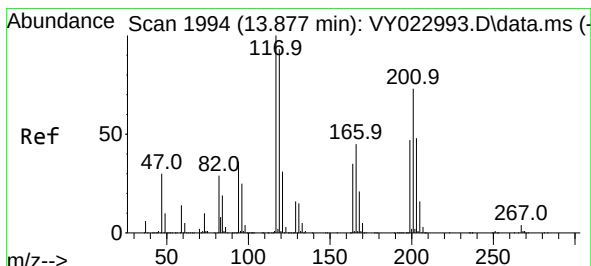
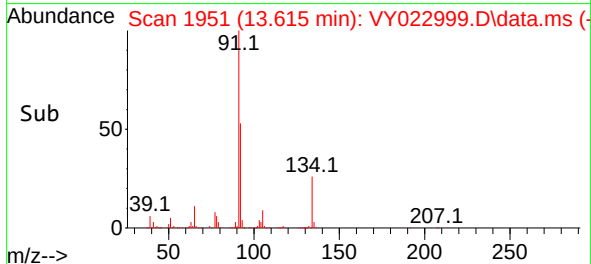
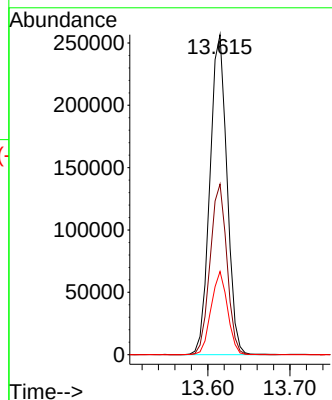
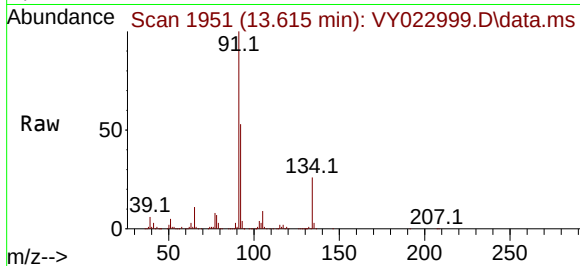




#89
n-Butylbenzene
Concen: 19.579 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

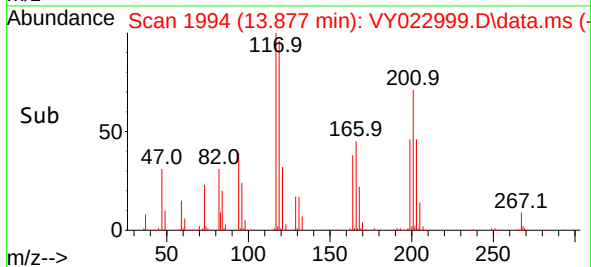
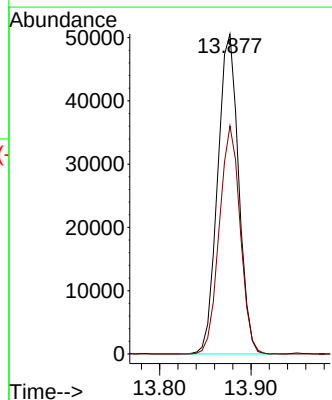
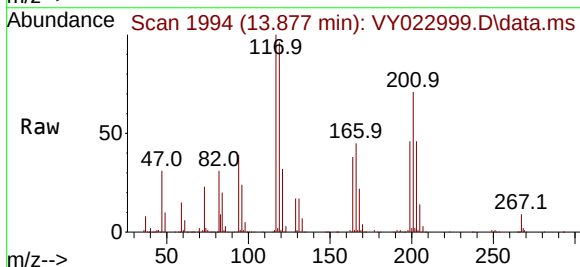
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

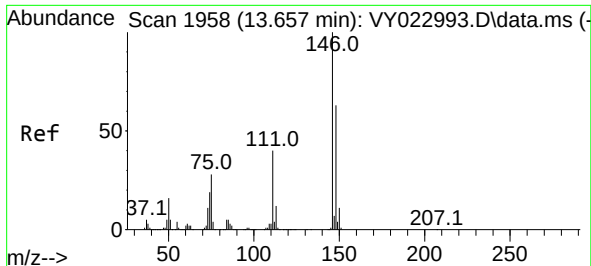
Tgt Ion: 91 Resp: 370199
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 18.996 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022999.D
Acq: 18 Jul 2025 15:37

Tgt Ion: 117 Resp: 80585
Ion Ratio Lower Upper
117 100
201 71.0 36.1 108.5

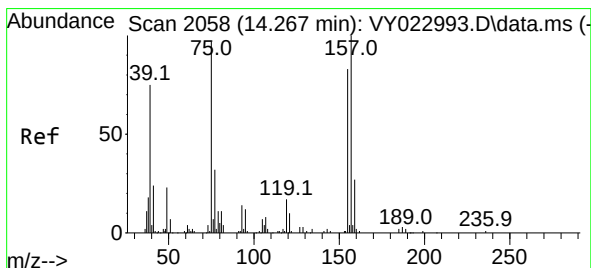
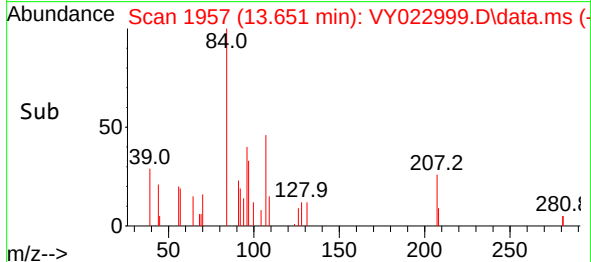
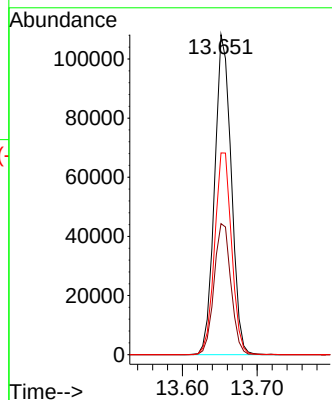
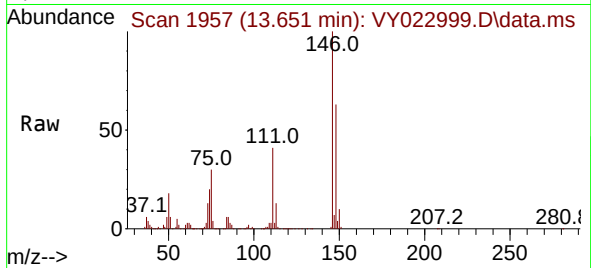




#91
 1,2-Dichlorobenzene
 Concen: 19.151 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

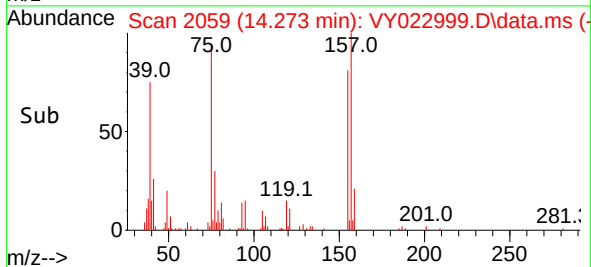
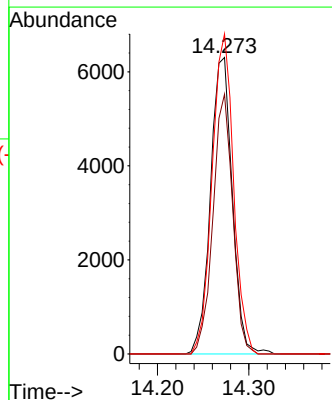
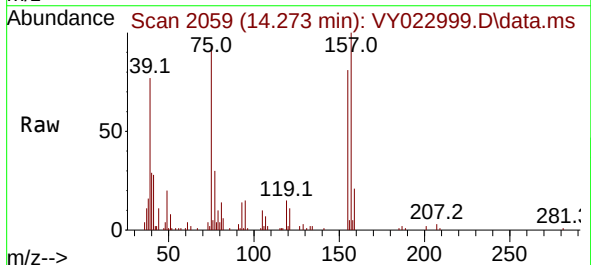
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

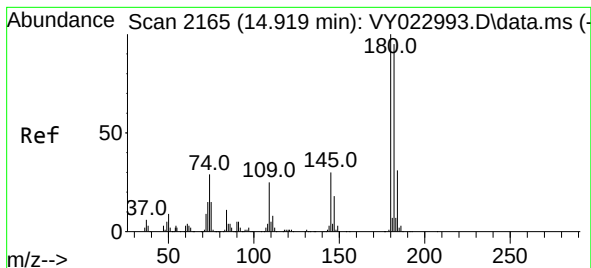
Tgt Ion:146 Resp: 167090
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 61.0
 148 64.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.645 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY022999.D
 Acq: 18 Jul 2025 15:37

Tgt Ion: 75 Resp: 10483
 Ion Ratio Lower Upper
 75 100
 155 79.2 42.8 128.3
 157 105.9 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 19.553 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

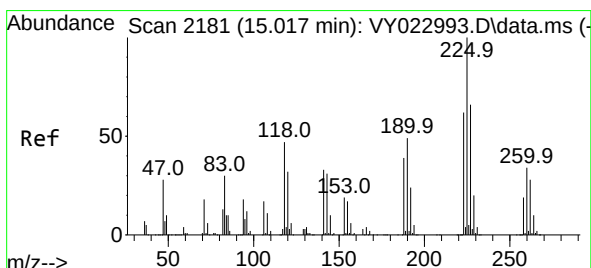
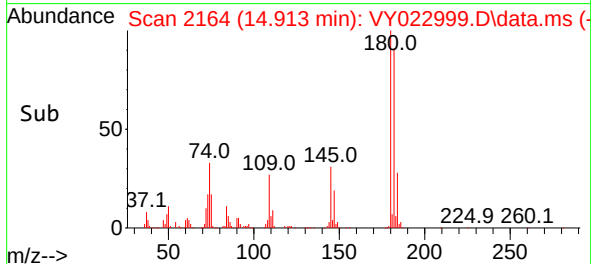
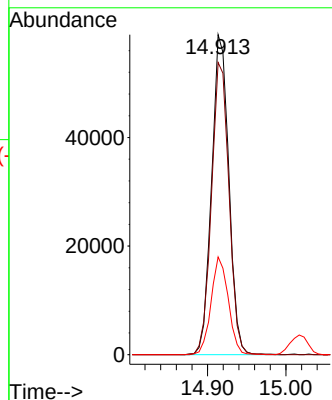
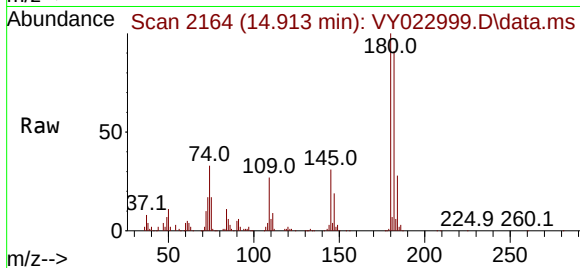
Tgt Ion:180 Resp: 89924

Ion Ratio Lower Upper

180 100

182 92.9 47.5 142.5

145 30.6 14.9 44.9



#94

Hexachlorobutadiene

Concen: 19.115 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

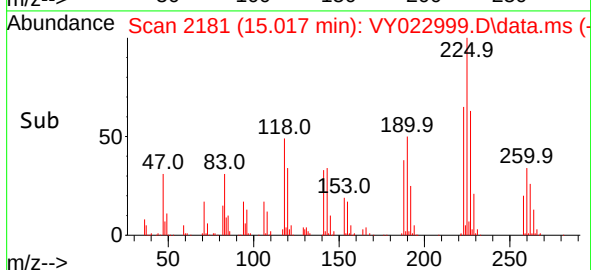
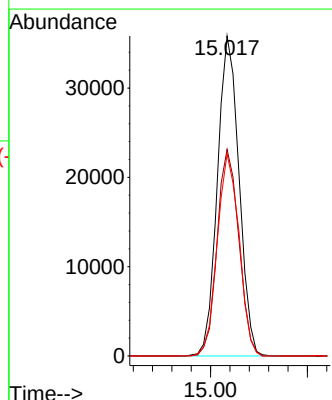
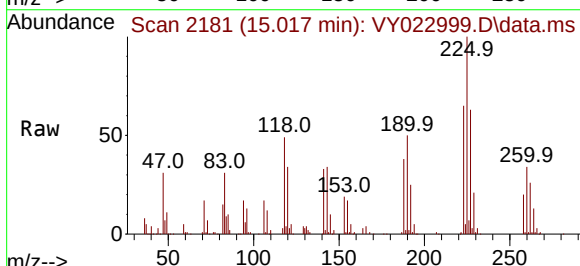
Tgt Ion:225 Resp: 55423

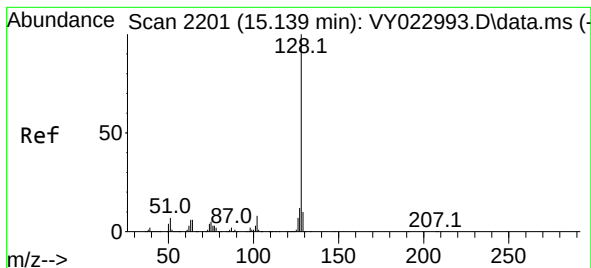
Ion Ratio Lower Upper

225 100

223 64.7 31.4 94.0

227 63.8 32.1 96.5





#95

Naphthalene

Concen: 19.476 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

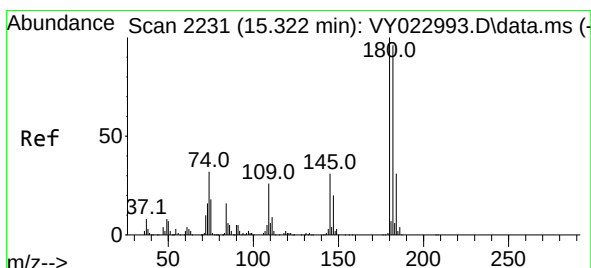
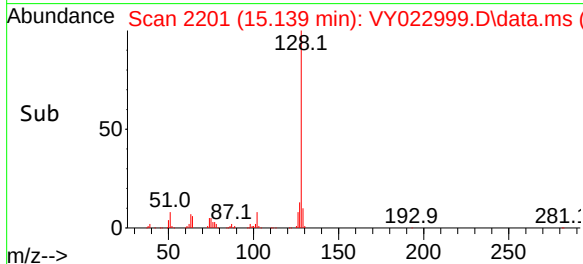
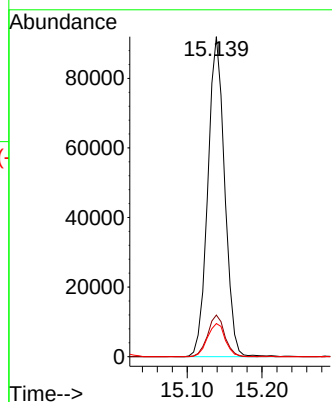
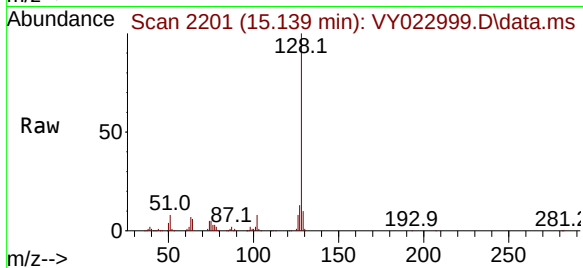
Tgt Ion:128 Resp: 143662

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.697 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022999.D

Acq: 18 Jul 2025 15:37

Tgt Ion:180 Resp: 74797

Ion Ratio Lower Upper

180 100

182 96.0 47.3 142.0

145 31.4 15.8 47.4

