

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022971.D
 Acq On : 08 Jul 2025 12:35
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Quant Time: Jul 09 02:30:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	399251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	665251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	569445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	263984	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	217091	48.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.634	113	202487	50.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.103	98	810448	50.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.401	95	243721	47.225	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	67813	19.863	ug/l	97
3) Chloromethane	2.068	50	127906	19.620	ug/l	100
4) Vinyl Chloride	2.202	62	159284	19.557	ug/l	100
5) Bromomethane	2.592	94	131016	20.462	ug/l	99
6) Chloroethane	2.732	64	109954	20.084	ug/l	95
7) Trichlorofluoromethane	3.049	101	174037	19.298	ug/l	99
8) Diethyl Ether	3.452	74	45360	20.365	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	86854	21.074	ug/l	98
10) Methyl Iodide	4.000	142	86024	19.171	ug/l	99
11) Tert butyl alcohol	4.860	59	26374	89.013	ug/l	96
12) 1,1-Dichloroethene	3.787	96	83452	20.650	ug/l	96
13) Acrolein	3.653	56	24652	61.357	ug/l	99
14) Allyl chloride	4.378	41	132023	21.240	ug/l	94
15) Acrylonitrile	5.055	53	92807	99.864	ug/l	99
16) Acetone	3.866	43	124738	148.105	ug/l	98
17) Carbon Disulfide	4.104	76	262641	20.118	ug/l	97
18) Methyl Acetate	4.385	43	51953	18.627	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	213340	19.388	ug/l	96
20) Methylene Chloride	4.610	84	154852	29.114	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	92914	20.117	ug/l	96
22) Diisopropyl ether	6.018	45	294211	21.313	ug/l	97
23) Vinyl Acetate	5.957	43	782864	102.686	ug/l	100
24) 1,1-Dichloroethane	5.909	63	176388	21.154	ug/l	99
25) 2-Butanone	6.890	43	145489	118.689	ug/l	96
26) 2,2-Dichloropropane	6.884	77	152183	21.773	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	109910	20.479	ug/l	99
28) Bromochloromethane	7.244	49	72809	20.770	ug/l	96
29) Tetrahydrofuran	7.256	42	74925	96.799	ug/l	99
30) Chloroform	7.421	83	176931	20.602	ug/l	95
31) Cyclohexane	7.701	56	161275	21.071	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	155586	20.965	ug/l	98
36) 1,1-Dichloropropene	7.835	75	128275	20.918	ug/l	100
37) Ethyl Acetate	6.982	43	54625	20.643	ug/l	98
38) Carbon Tetrachloride	7.817	117	133516	20.635	ug/l	98
39) Methylcyclohexane	9.109	83	162178	20.436	ug/l	99
40) Benzene	8.079	78	395273	20.965	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	27019	16.586	ug/l	93
42) 1,2-Dichloroethane	8.158	62	107672	20.840	ug/l	99
43) Isopropyl Acetate	8.195	43	105668	19.213	ug/l	99
44) Trichloroethene	8.865	130	97316	20.558	ug/l	96
45) 1,2-Dichloropropane	9.140	63	93199	21.121	ug/l	97
46) Dibromomethane	9.231	93	51422	20.528	ug/l	98
47) Bromodichloromethane	9.420	83	133840	20.720	ug/l	98
48) Methyl methacrylate	9.219	41	54050	20.443	ug/l	93
49) 1,4-Dioxane	9.225	88	10890	367.965	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	271201	97.035	ug/l	97
52) Toluene	10.170	92	243370	20.460	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	115115	19.807	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	139372	20.682	ug/l	94
55) 1,1,2-Trichloroethane	10.572	97	64895	20.007	ug/l	97
56) Ethyl methacrylate	10.438	69	80561	18.460	ug/l	95
57) 1,3-Dichloropropane	10.713	76	115118	20.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	206217	99.933	ug/l	99
59) 2-Hexanone	10.755	43	204036	107.378	ug/l	99
60) Dibromochloromethane	10.908	129	81177	19.375	ug/l	99
61) 1,2-Dibromoethane	11.011	107	57927	19.084	ug/l	99
64) Tetrachloroethene	10.646	164	110326	20.508	ug/l	98
65) Chlorobenzene	11.438	112	252288	20.163	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	85151	20.092	ug/l	99
67) Ethyl Benzene	11.517	91	450946	20.512	ug/l	99
68) m/p-Xylenes	11.627	106	341420	40.175	ug/l	99
69) o-Xylene	11.950	106	159574	19.928	ug/l	99
70) Styrene	11.969	104	263302	19.630	ug/l	99
71) Bromoform	12.127	173	44557	18.882	ug/l #	97
73) Isopropylbenzene	12.249	105	412743	21.141	ug/l	99
74) N-amyl acetate	12.066	43	87409	19.946	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	63284	20.112	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	91194	33.838	ug/l #	100
77) Bromobenzene	12.529	156	90482	20.447	ug/l	97
78) n-propylbenzene	12.590	91	510379	21.652	ug/l	99
79) 2-Chlorotoluene	12.676	91	284468	21.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	332200	21.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	21496	20.151	ug/l	97
82) 4-Chlorotoluene	12.773	91	289271	20.679	ug/l	99
83) tert-Butylbenzene	12.993	119	287043	20.651	ug/l	97
84) 1,2,4-Trimethylbenzene	13.035	105	325166	20.607	ug/l	98
85) sec-Butylbenzene	13.170	105	445657	21.310	ug/l	100
86) p-Isopropyltoluene	13.285	119	358173	20.581	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	184061	20.710	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	181660	20.577	ug/l	99
89) n-Butylbenzene	13.615	91	341068	20.835	ug/l	99
90) Hexachloroethane	13.877	117	74771	21.571	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	160668	20.514	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10326	19.352	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	81646	18.463	ug/l	98
94) Hexachlorobutadiene	15.017	225	48790	19.511	ug/l	97
95) Naphthalene	15.139	128	136884	17.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	69874	18.286	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0708SBSD01

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QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

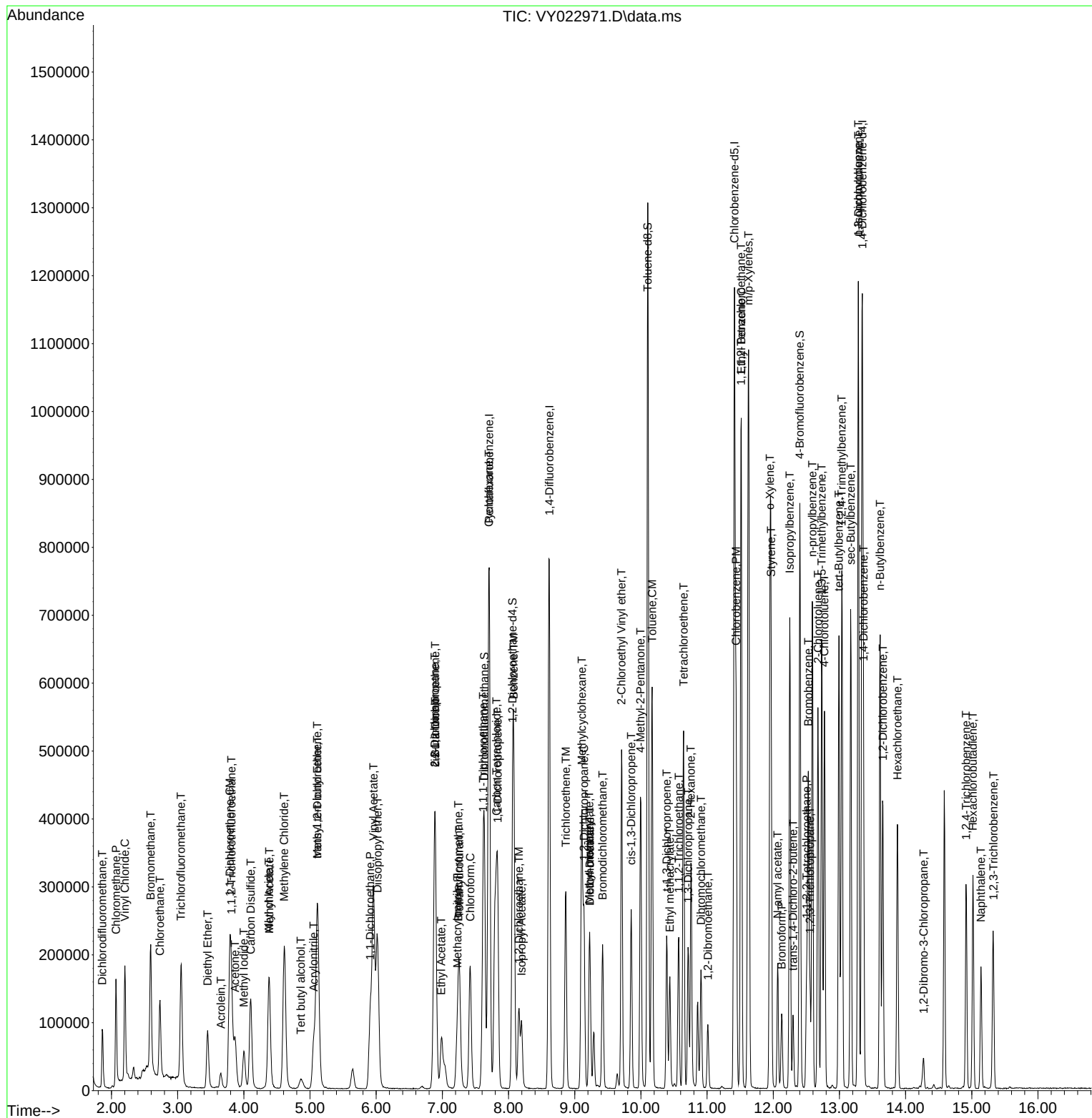
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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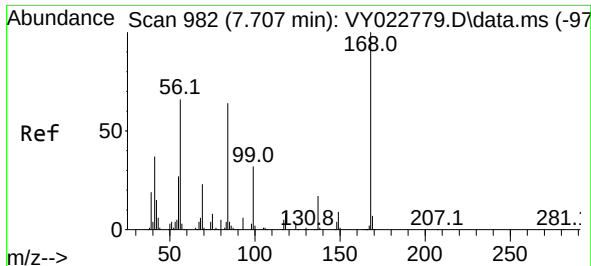
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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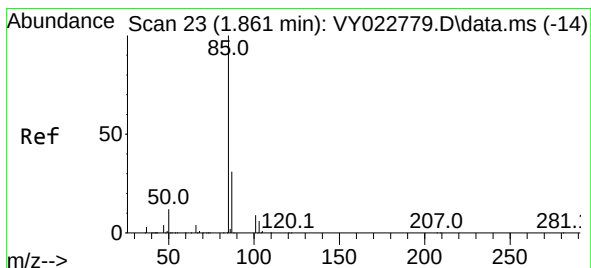
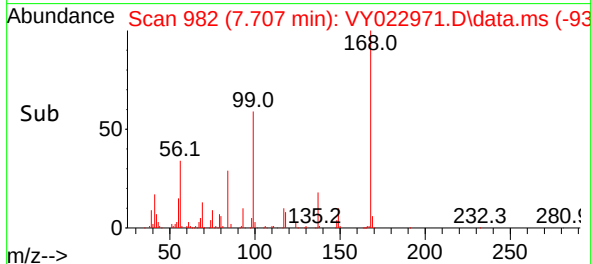
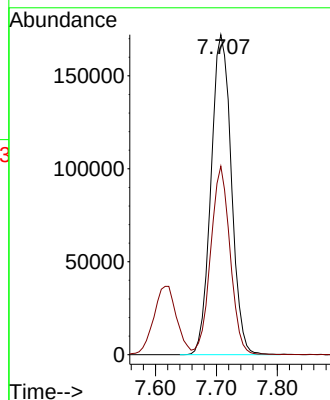
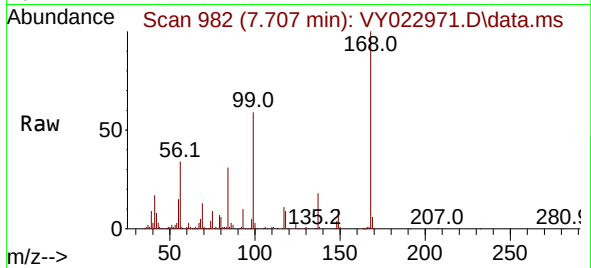




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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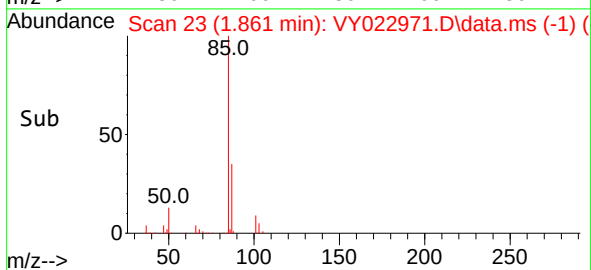
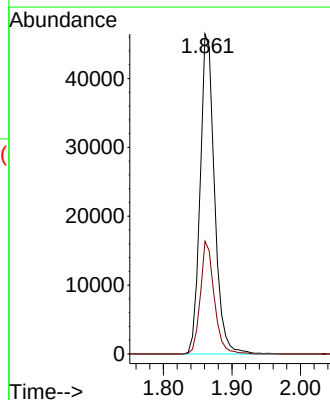
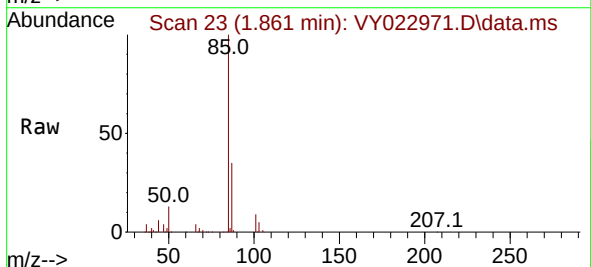
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

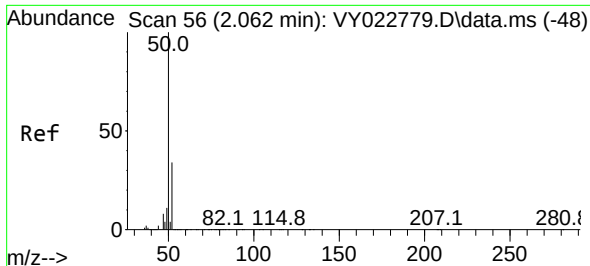
Tgt Ion:168 Resp: 399251
Ion Ratio Lower Upper
168 100
99 58.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 19.863 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 85 Resp: 67813
Ion Ratio Lower Upper
85 100
87 35.2 16.7 50.0

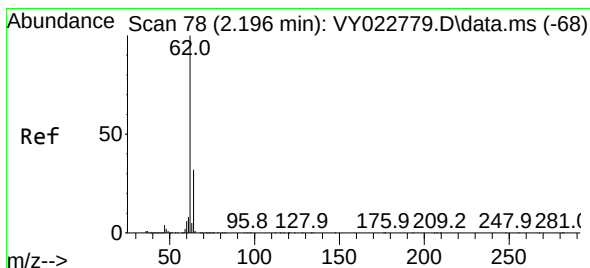
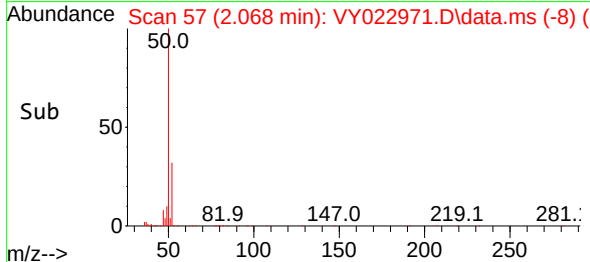
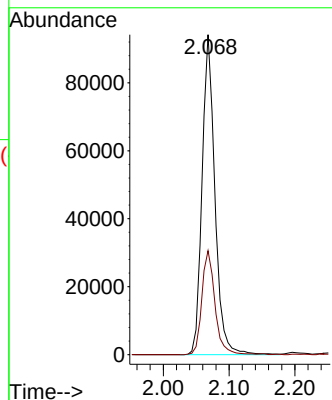
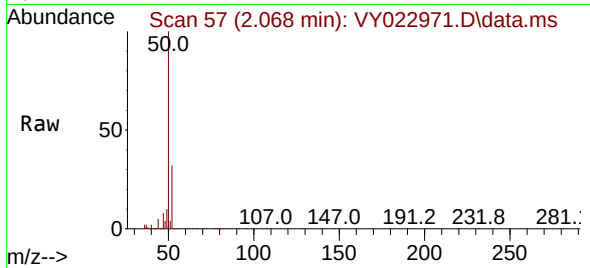




#3
Chloromethane
Concen: 19.620 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

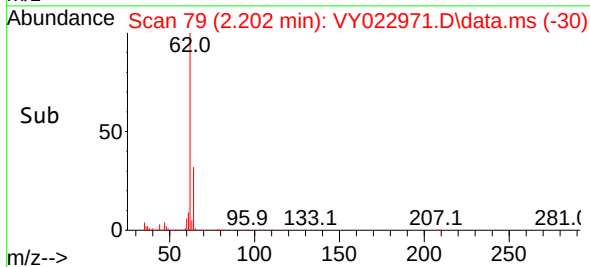
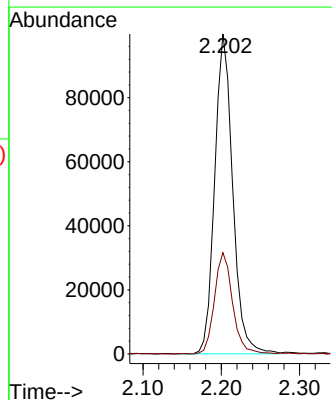
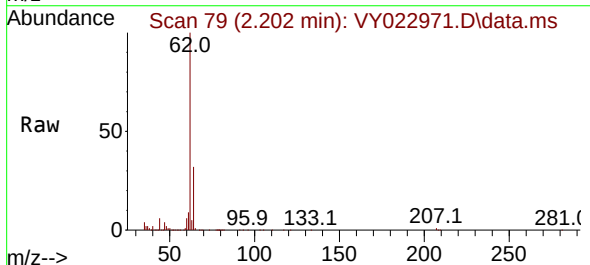
Instrument :
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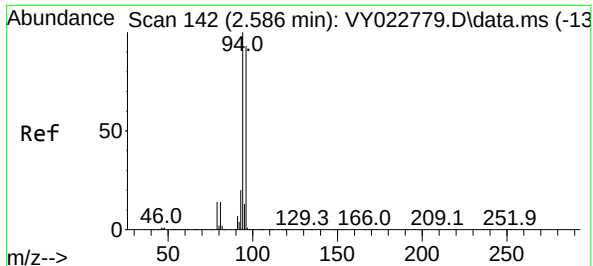
Tgt Ion: 50 Resp: 127906
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 19.557 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 62 Resp: 159284
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

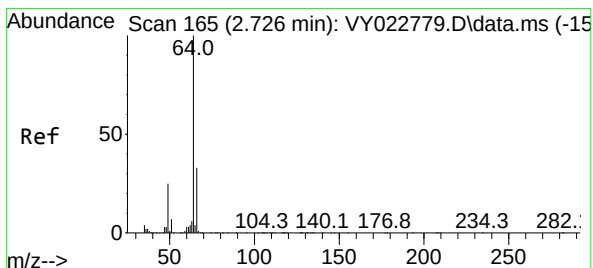
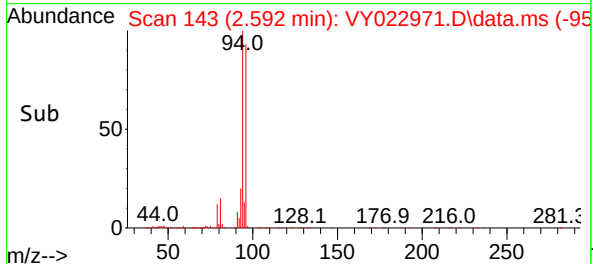
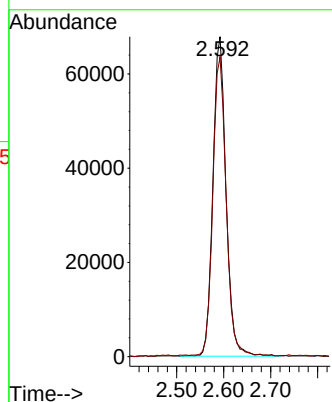
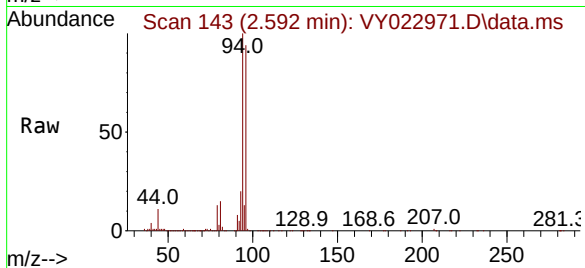




#5
Bromomethane
Concen: 20.462 ug/l
RT: 2.592 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY022971.D
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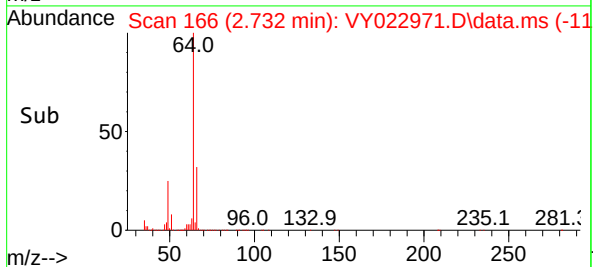
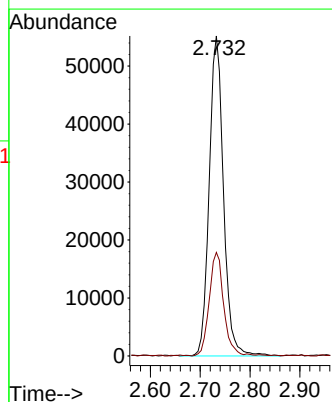
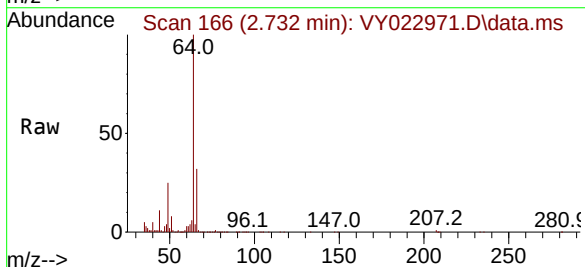
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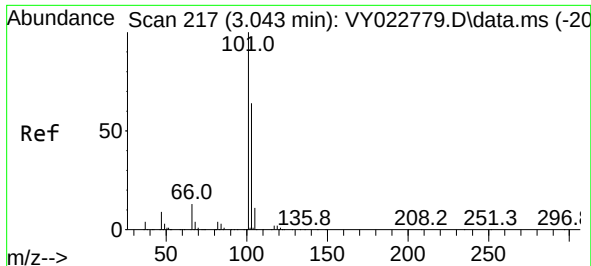
Tgt Ion: 94 Resp: 131016
Ion Ratio Lower Upper
94 100
96 93.4 74.0 111.0



#6
Chloroethane
Concen: 20.084 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022971.D
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Tgt Ion: 64 Resp: 109954
Ion Ratio Lower Upper
64 100
66 32.2 23.8 35.6

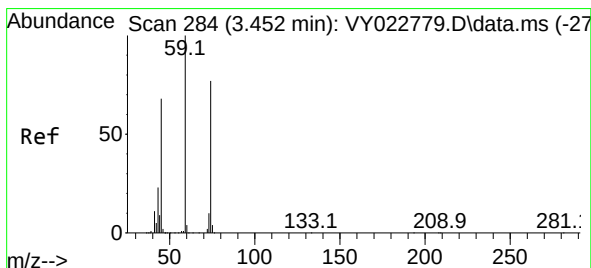
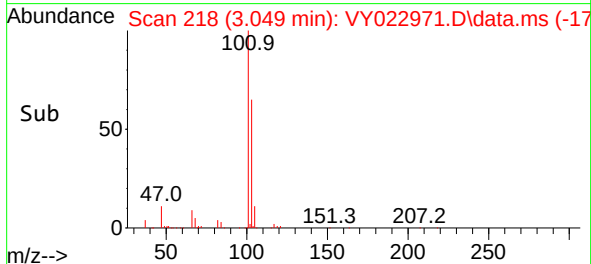
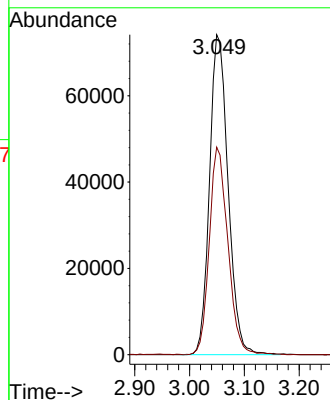
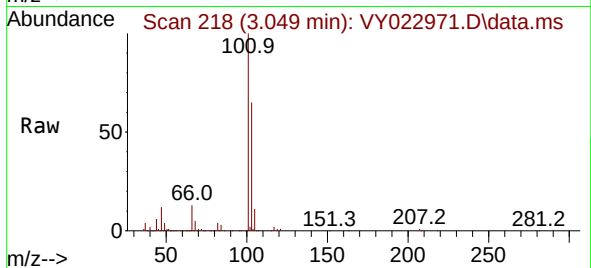




#7
Trichlorofluoromethane
Concen: 19.298 ug/l
RT: 3.049 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

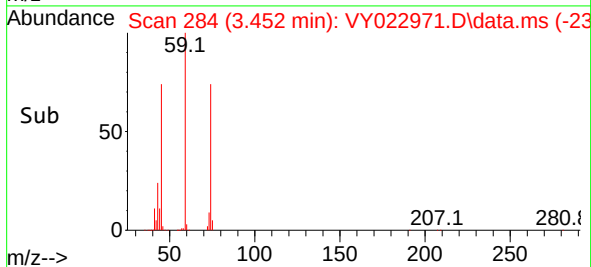
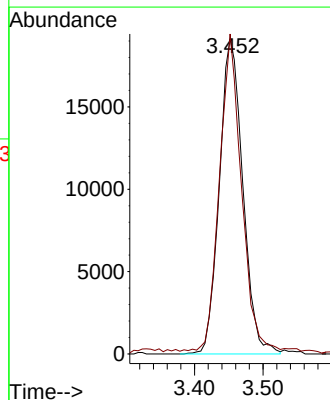
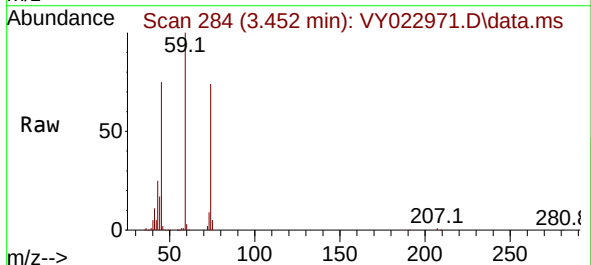
Instrument :
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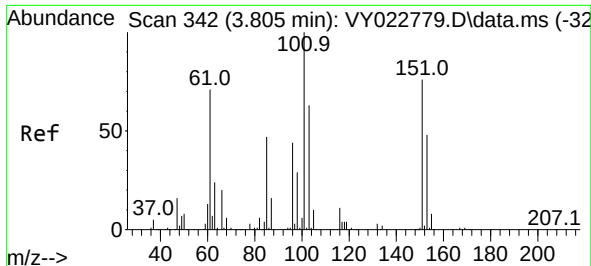
Tgt Ion:101 Resp: 174037
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2



#8
Diethyl Ether
Concen: 20.365 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022971.D
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Tgt Ion: 74 Resp: 45360
Ion Ratio Lower Upper
74 100
45 93.3 45.9 137.6

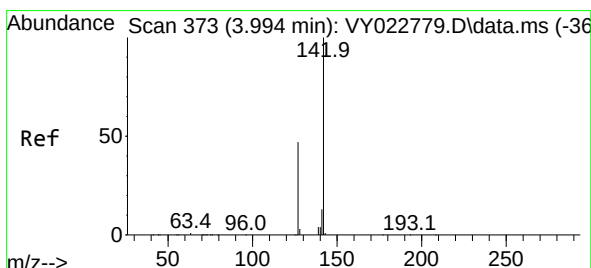
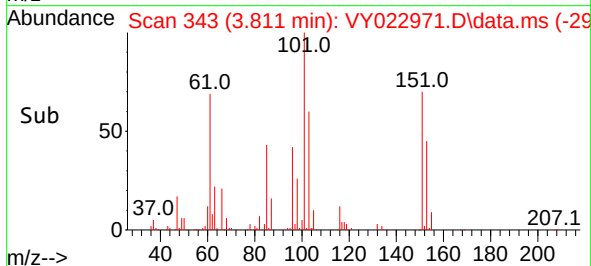
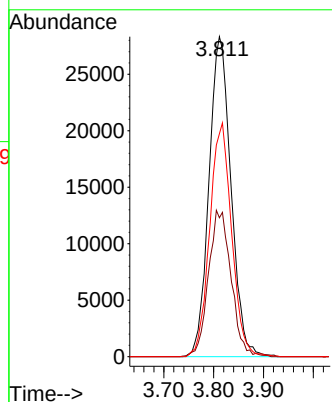
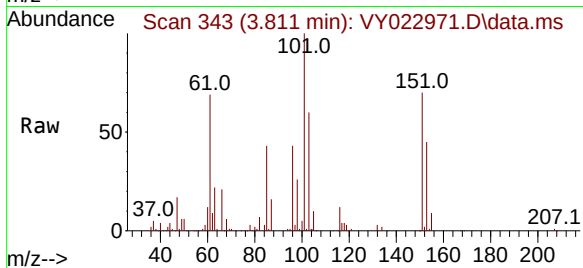




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.074 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

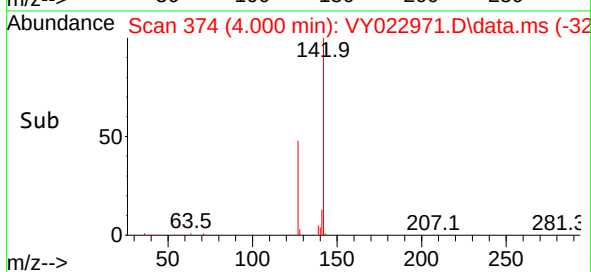
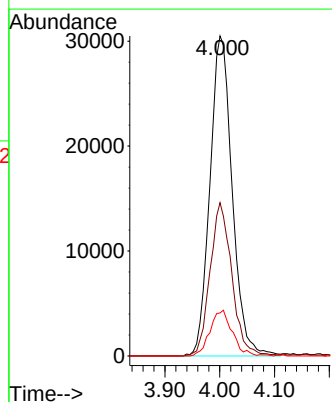
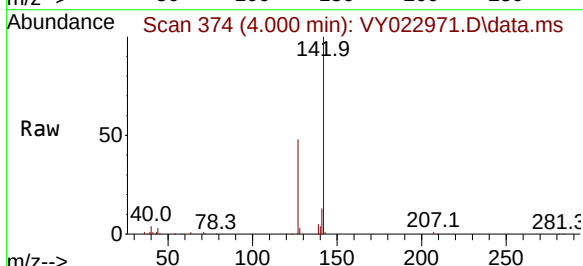
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

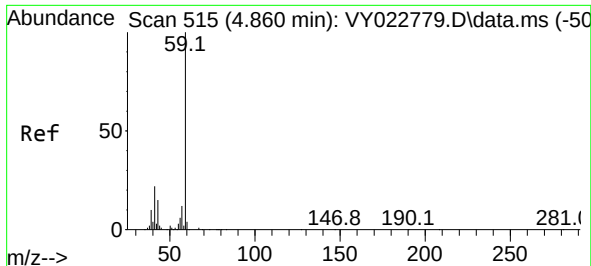
Tgt Ion:101 Resp: 86854
Ion Ratio Lower Upper
101 100
85 46.9 39.3 58.9
151 72.8 57.8 86.8



#10
Methyl Iodide
Concen: 19.171 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion:142 Resp: 86024
Ion Ratio Lower Upper
142 100
127 46.8 37.1 55.7
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 89.013 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.025 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

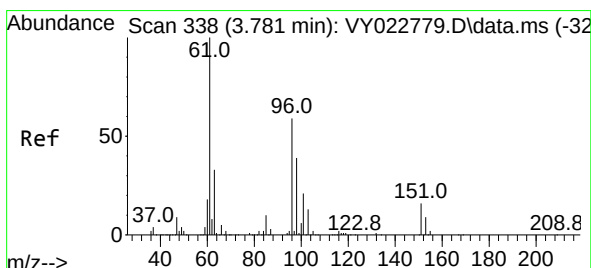
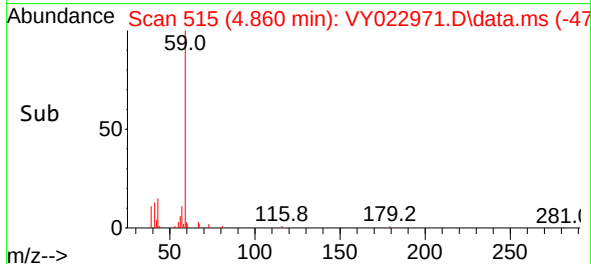
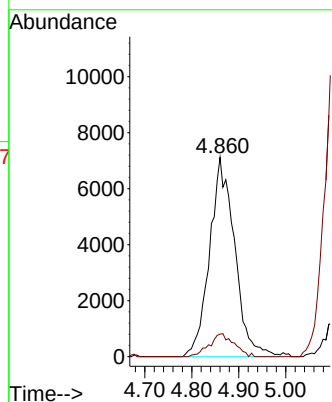
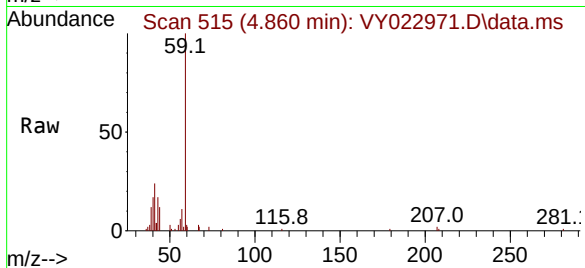
VY0708SBS01

Tgt Ion: 59 Resp: 26374

Ion Ratio Lower Upper

59 100

57 11.4 8.0 12.0



#12

1,1-Dichloroethene

Concen: 20.650 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

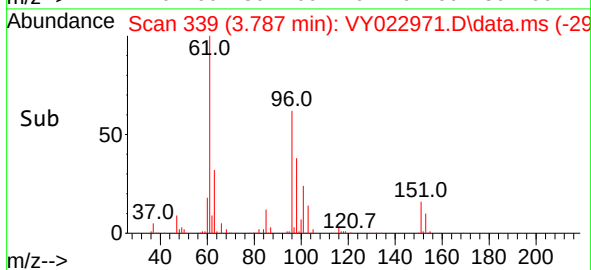
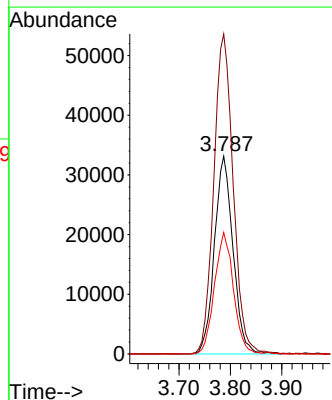
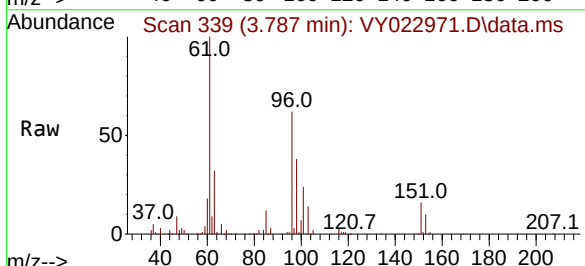
Tgt Ion: 96 Resp: 83452

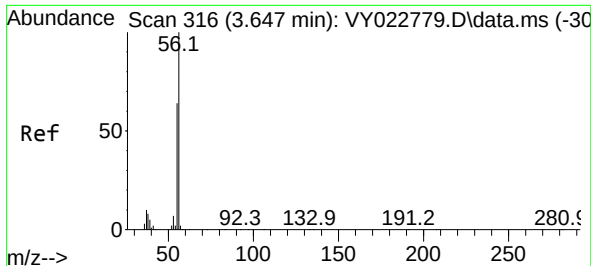
Ion Ratio Lower Upper

96 100

61 161.8 134.6 201.8

98 61.4 50.2 75.4





#13

Acrolein

Concen: 61.357 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

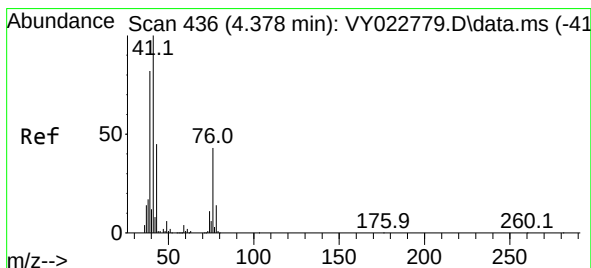
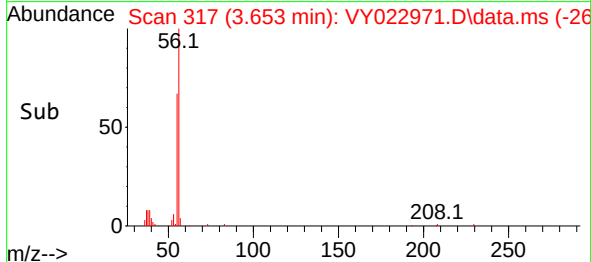
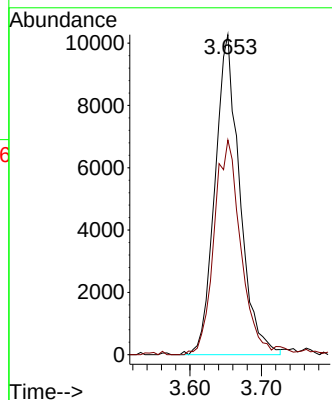
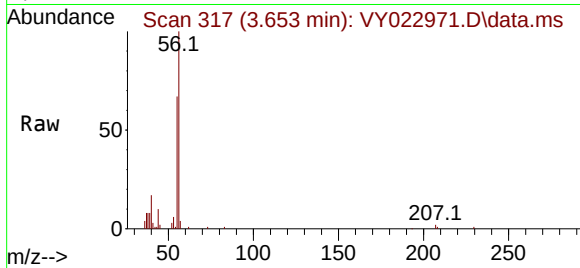
VY0708SBS01

Tgt Ion: 56 Resp: 24652

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.6



#14

Allyl chloride

Concen: 21.240 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

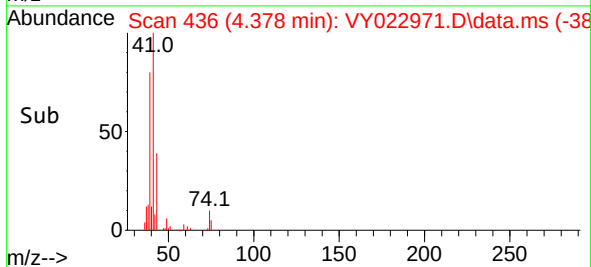
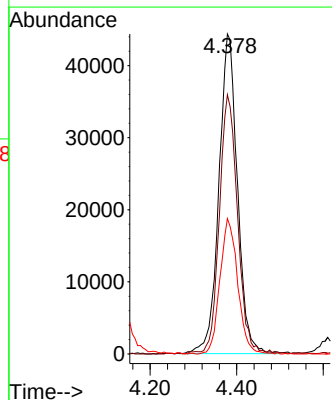
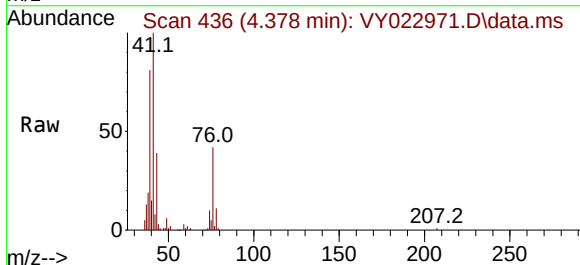
Tgt Ion: 41 Resp: 132023

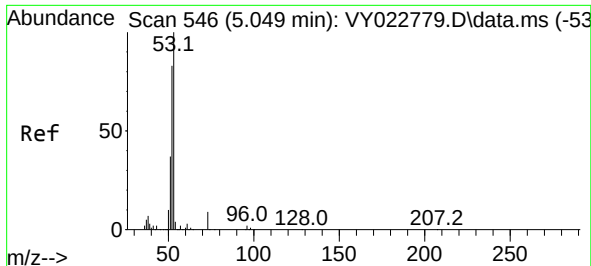
Ion Ratio Lower Upper

41 100

39 79.5 69.1 103.7

76 40.5 33.5 50.3

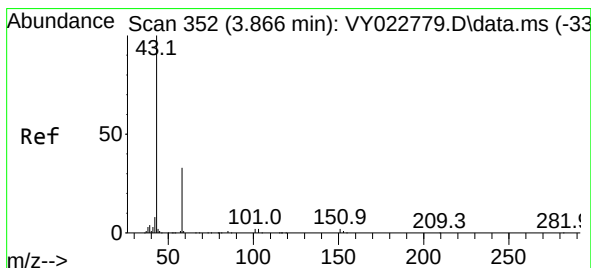
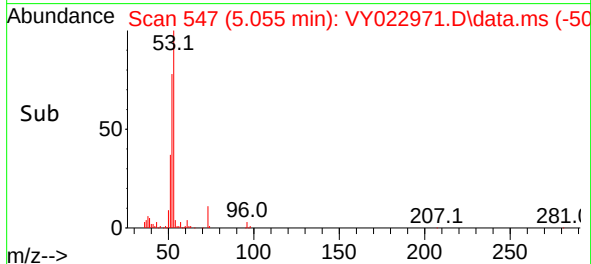
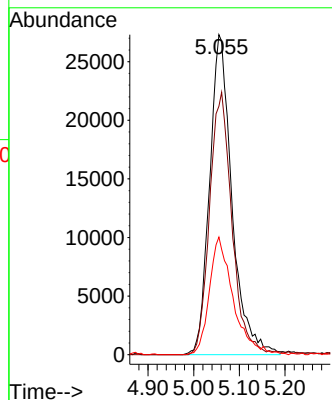
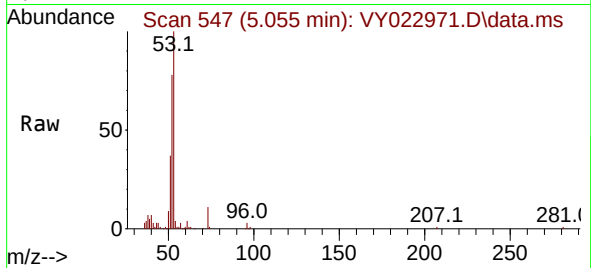




#15
Acrylonitrile
Concen: 99.864 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

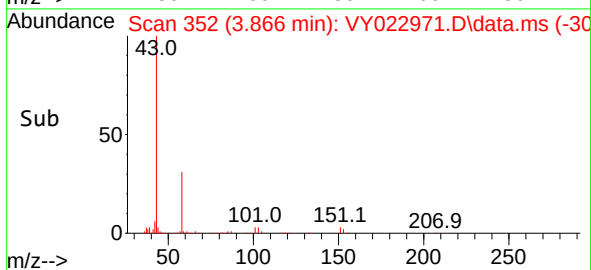
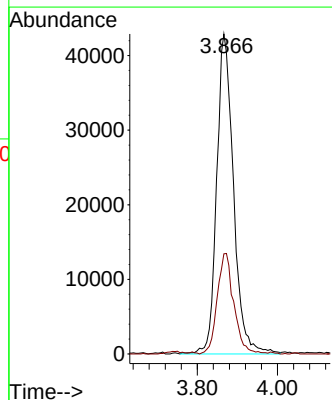
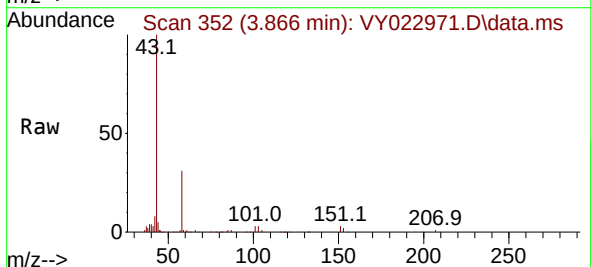
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

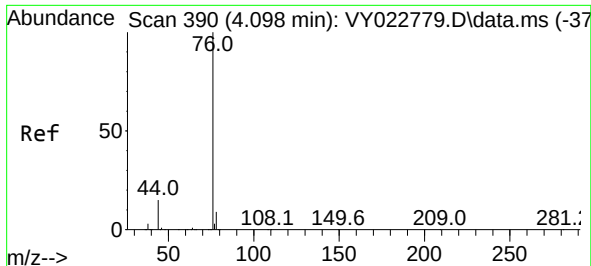
Tgt Ion: 53 Resp: 92807
Ion Ratio Lower Upper
53 100
52 81.5 65.7 98.5
51 39.1 30.1 45.1



#16
Acetone
Concen: 148.105 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 43 Resp: 124738
Ion Ratio Lower Upper
43 100
58 31.3 24.0 36.0

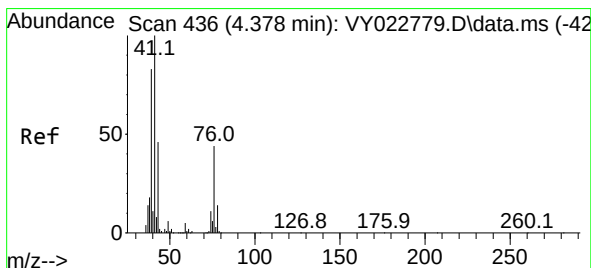
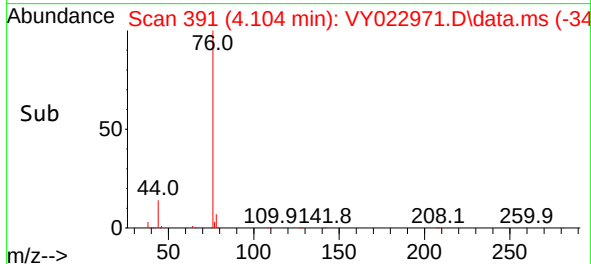
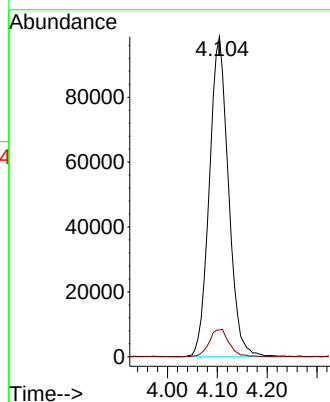
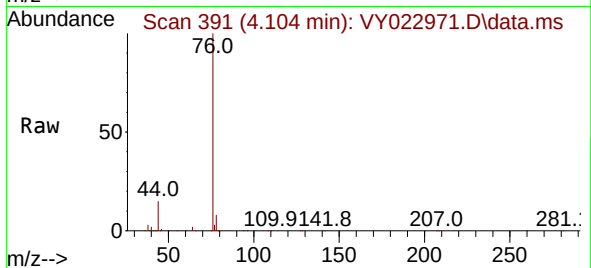




#17
Carbon Disulfide
Concen: 20.118 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

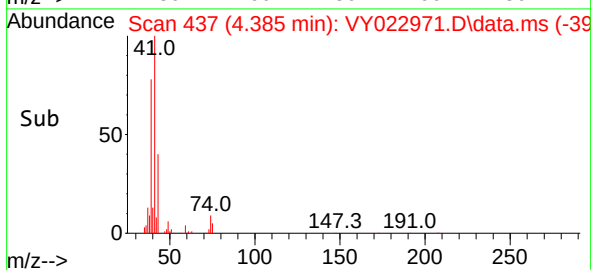
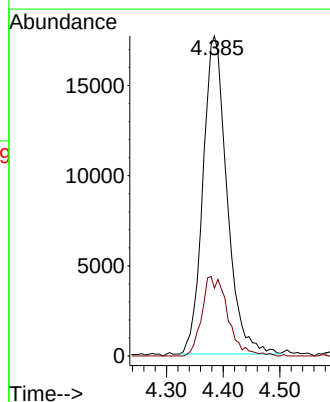
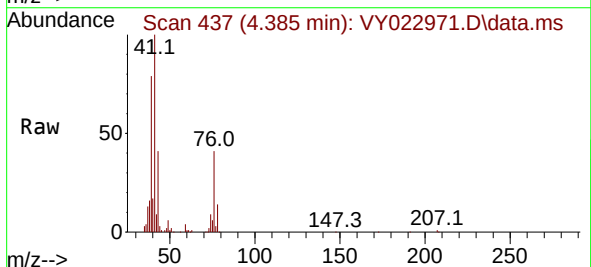
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

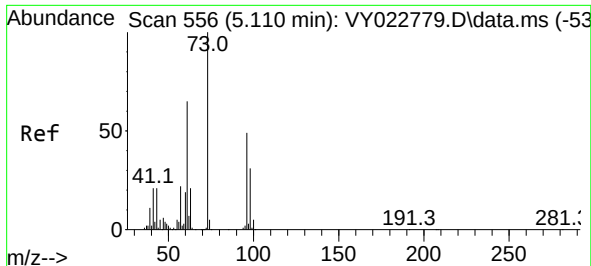
Tgt Ion: 76 Resp: 262641
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 18.627 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 43 Resp: 51953
Ion Ratio Lower Upper
43 100
74 26.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.388 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.019 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

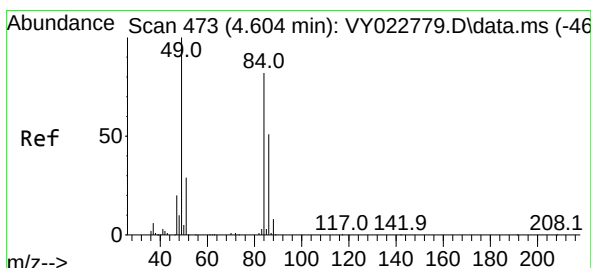
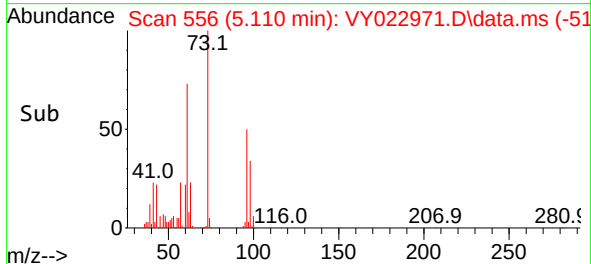
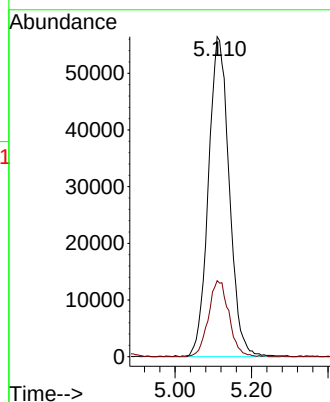
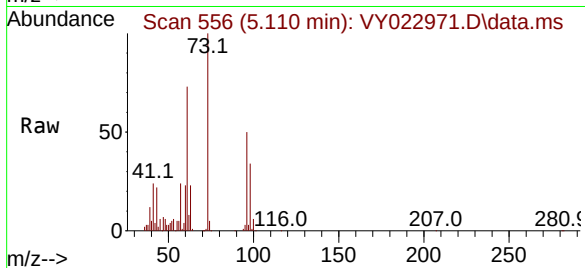
VY0708SBS01

Tgt Ion: 73 Resp: 213340

Ion Ratio Lower Upper

73 100

57 23.7 17.4 26.0



#20

Methylene Chloride

Concen: 29.114 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Tgt Ion: 84 Resp: 154852

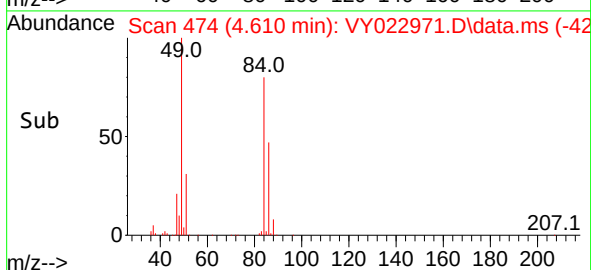
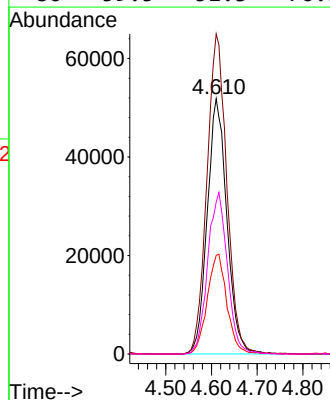
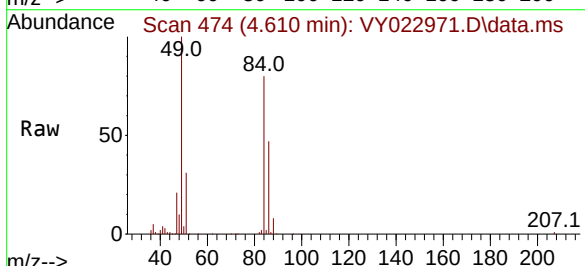
Ion Ratio Lower Upper

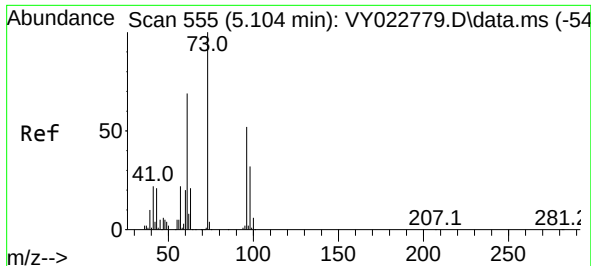
84 100

49 125.4 101.9 152.9

51 38.6 29.8 44.8

86 59.5 51.3 76.9

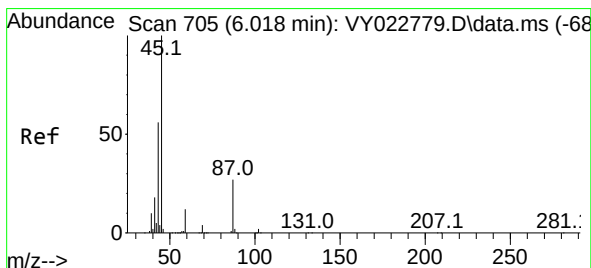
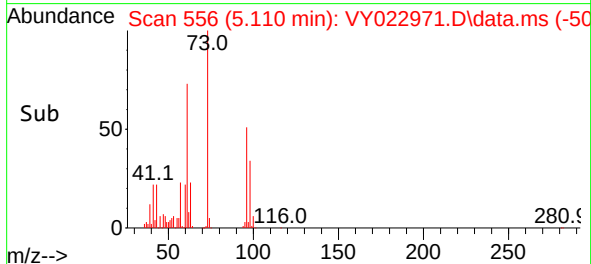
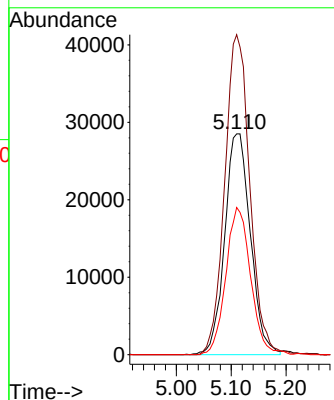
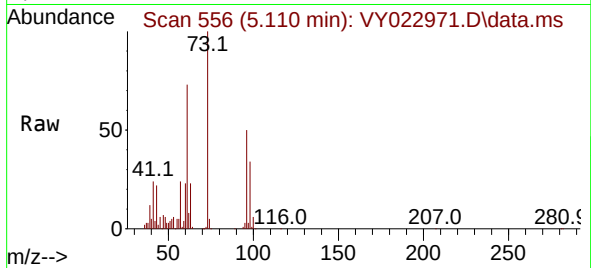




#21
trans-1,2-Dichloroethene
Concen: 20.117 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

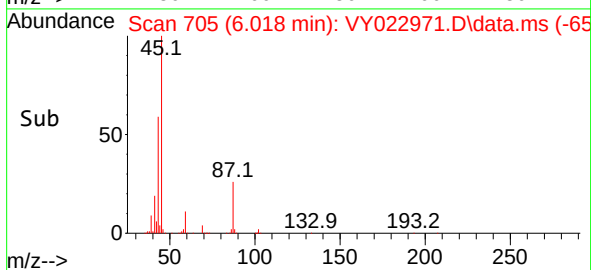
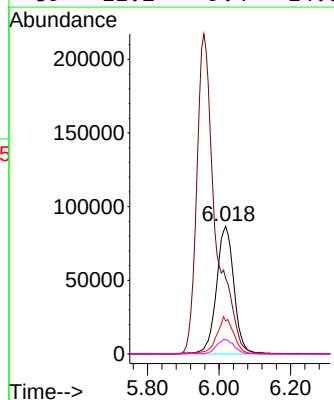
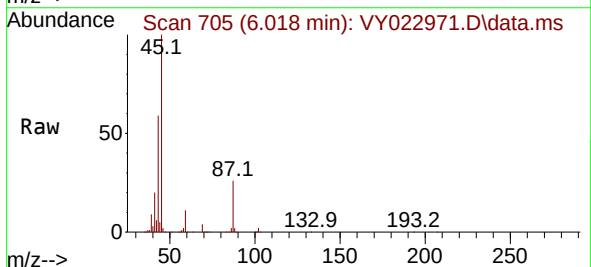
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

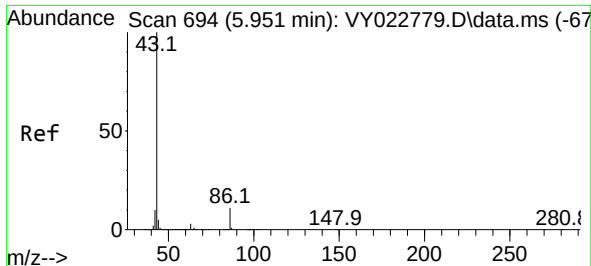
Tgt Ion: 96 Resp: 92914
Ion Ratio Lower Upper
96 100
61 144.9 112.6 169.0
98 66.6 50.6 75.8



#22
Diisopropyl ether
Concen: 21.313 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 45 Resp: 294211
Ion Ratio Lower Upper
45 100
43 58.8 48.3 72.5
87 25.9 23.0 34.6
59 11.2 9.4 14.0

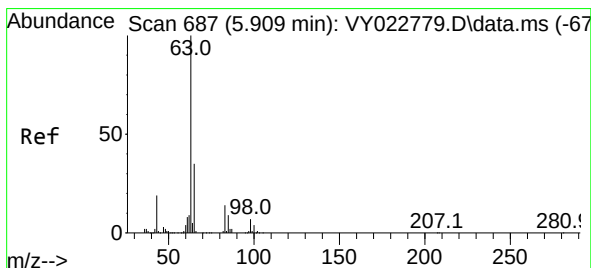
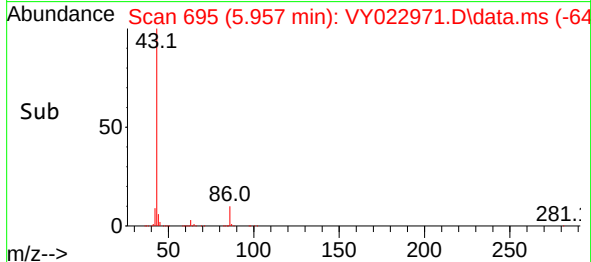
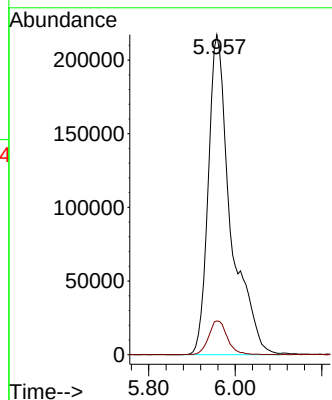
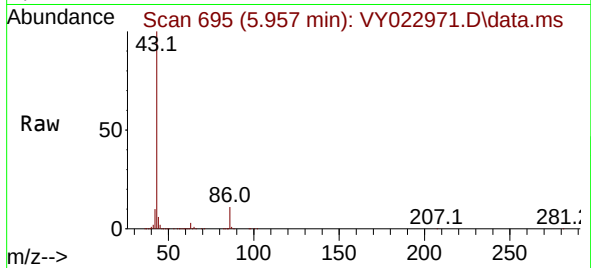




#23
 Vinyl Acetate
 Concen: 102.686 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

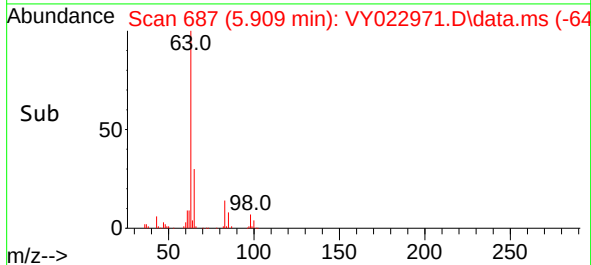
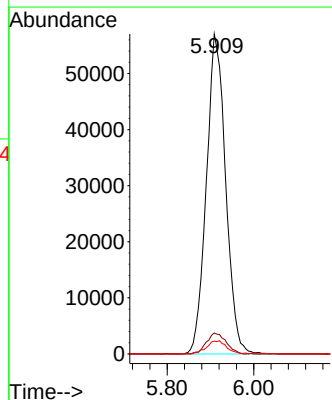
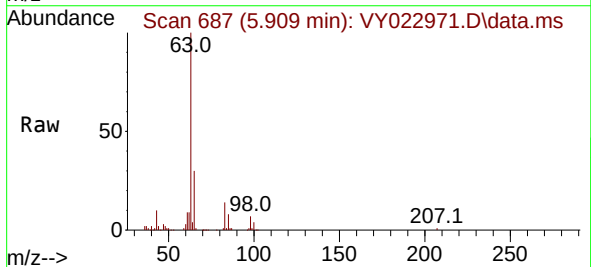
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

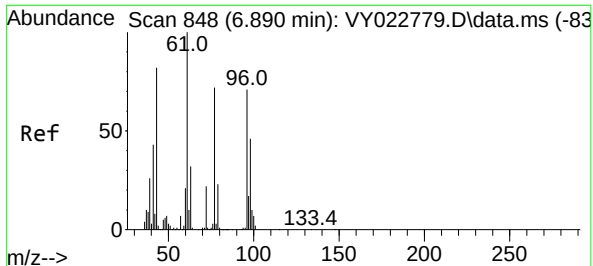
Tgt Ion: 43 Resp: 782864
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.154 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

Tgt Ion: 63 Resp: 176388
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 118.689 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

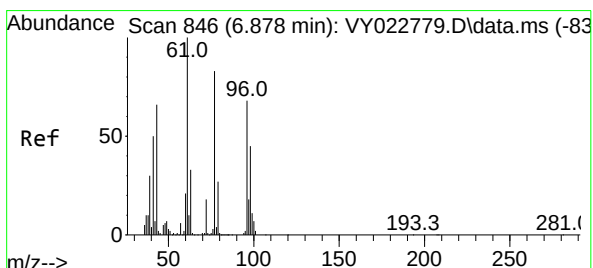
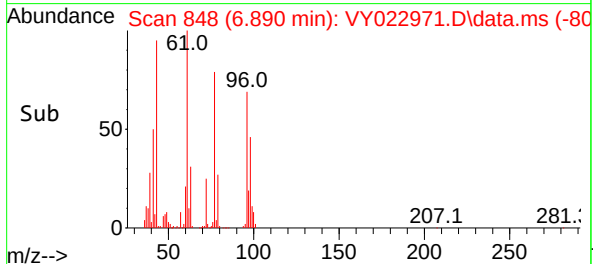
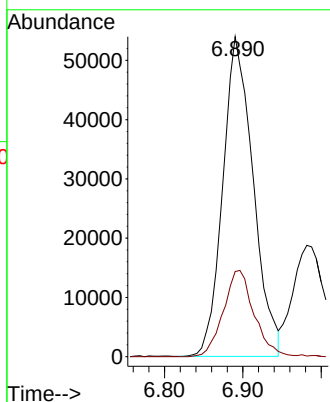
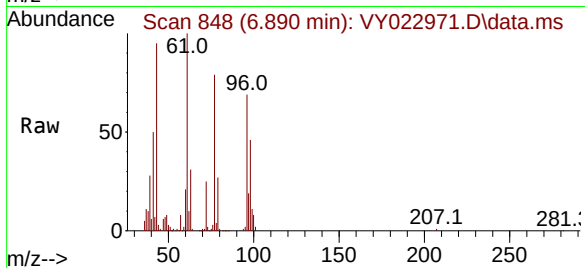
VY0708SBS01

Tgt Ion: 43 Resp: 145489

Ion Ratio Lower Upper

43 100

72 26.6 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.773 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022971.D

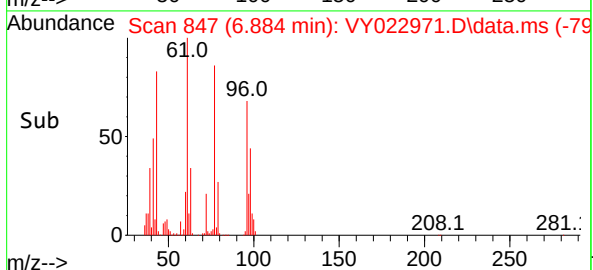
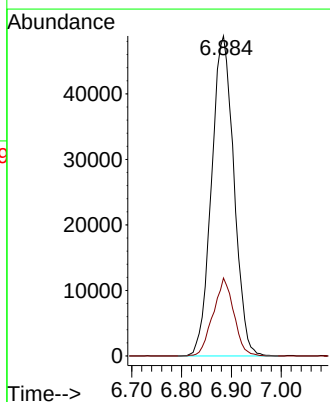
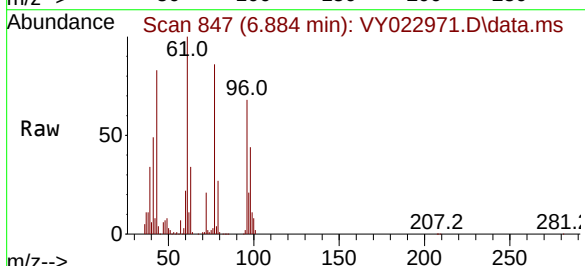
Acq: 08 Jul 2025 12:35

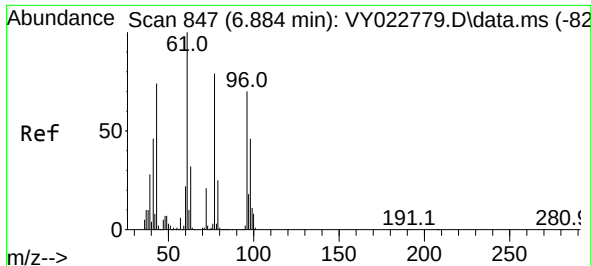
Tgt Ion: 77 Resp: 152183

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2

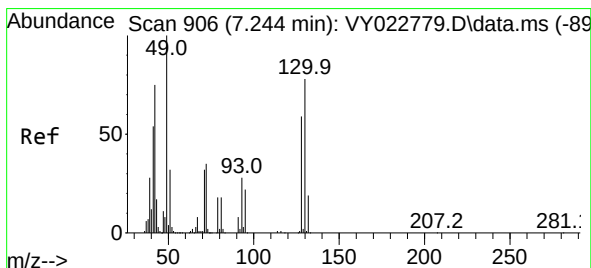
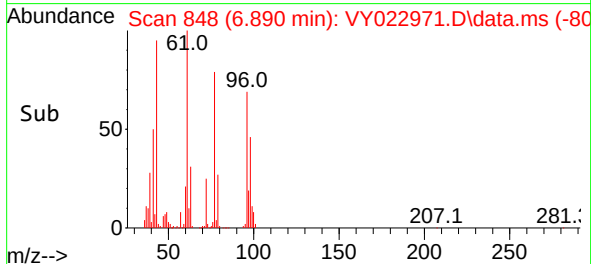
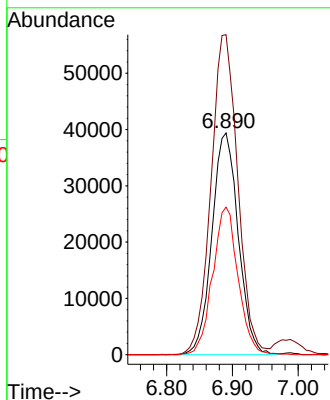
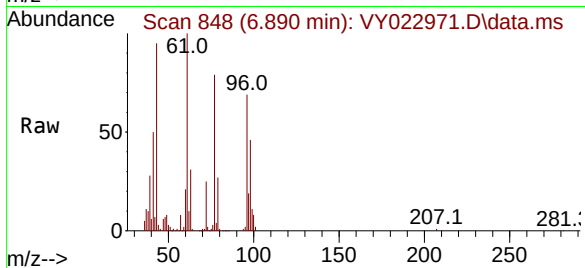




#27
 cis-1,2-Dichloroethene
 Concen: 20.479 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

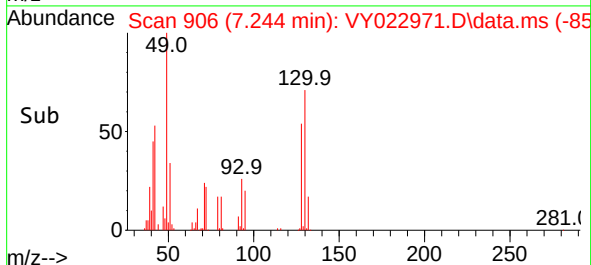
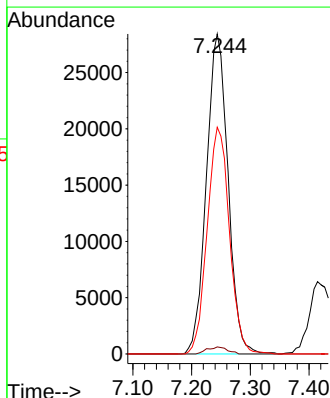
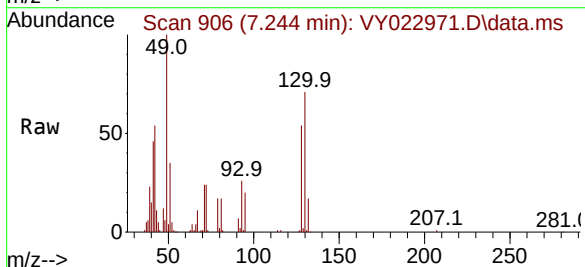
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

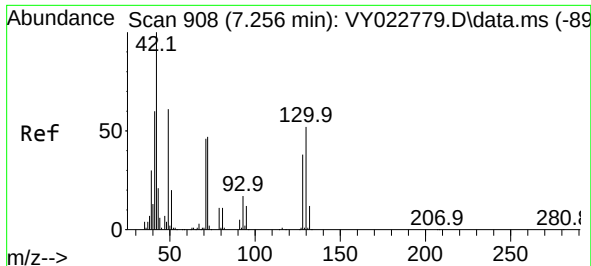
Tgt Ion: 96 Resp: 109910
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 290.0
 98 64.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.770 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

Tgt Ion: 49 Resp: 72809
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 72.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 96.799 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

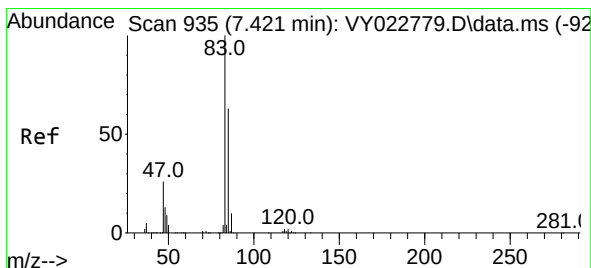
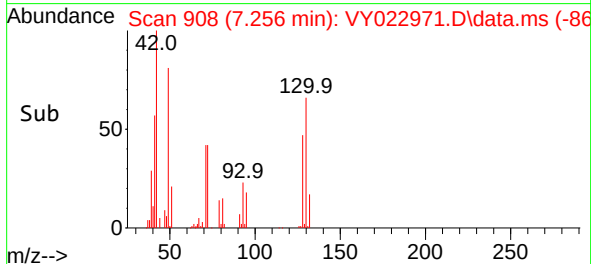
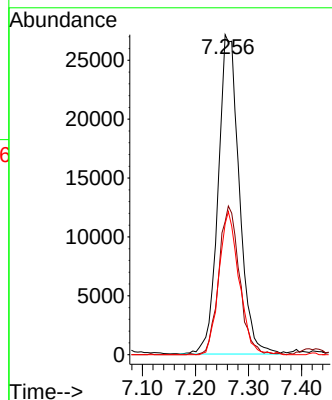
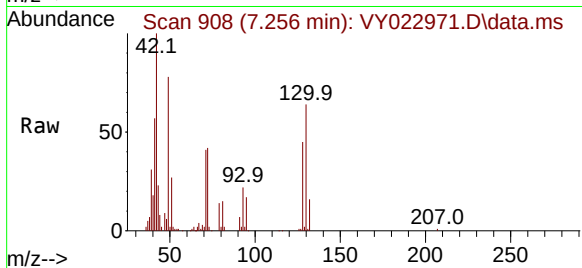
Tgt Ion: 42 Resp: 74925

Ion Ratio Lower Upper

42 100

72 45.7 37.4 56.2

71 43.0 34.2 51.2



#30

Chloroform

Concen: 20.602 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022971.D

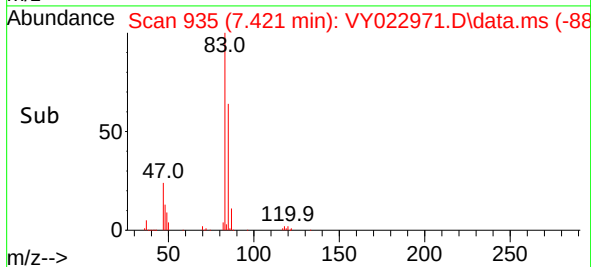
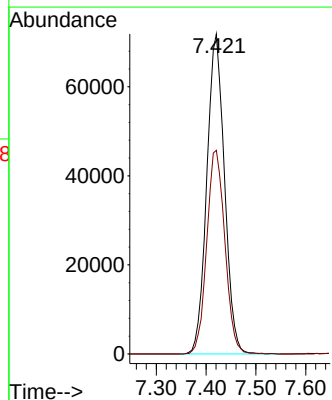
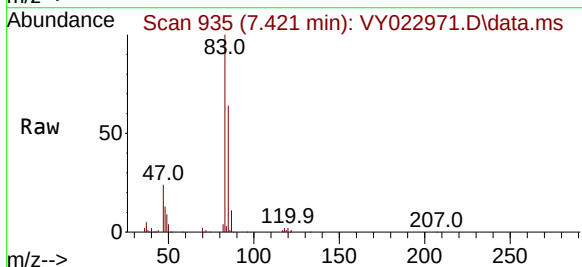
Acq: 08 Jul 2025 12:35

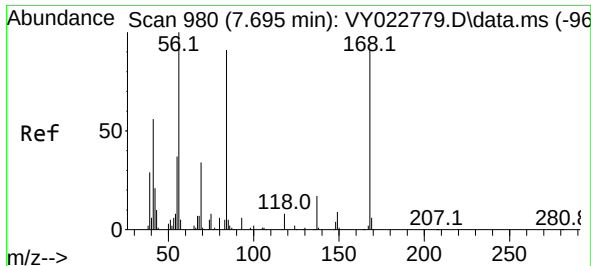
Tgt Ion: 83 Resp: 176931

Ion Ratio Lower Upper

83 100

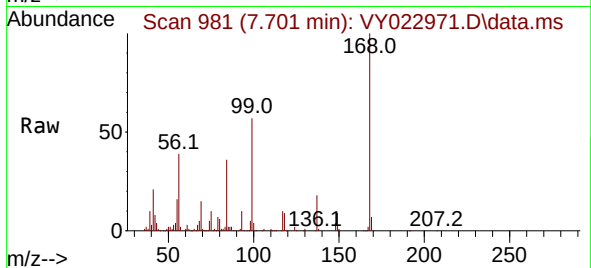
85 63.6 54.2 81.4



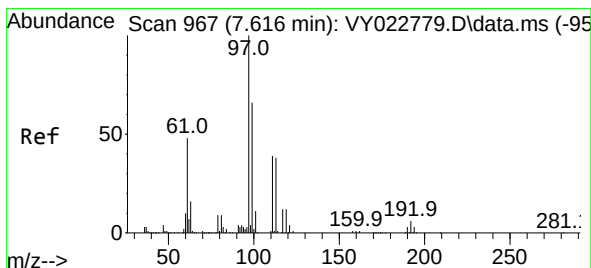
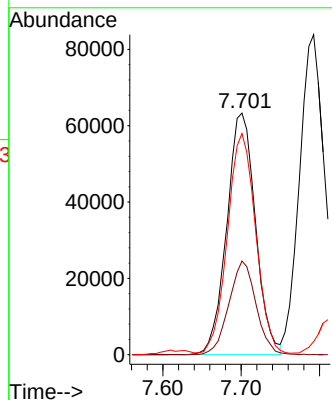
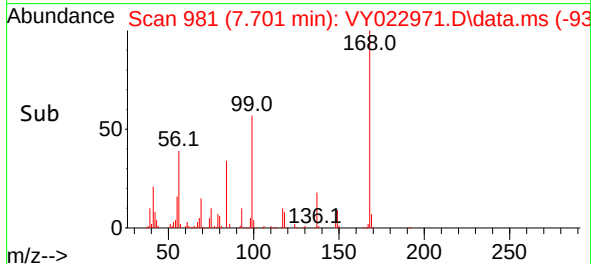


#31
Cyclohexane
Concen: 21.071 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

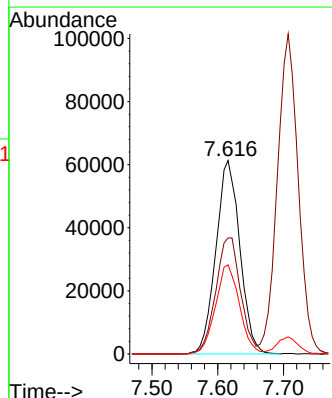
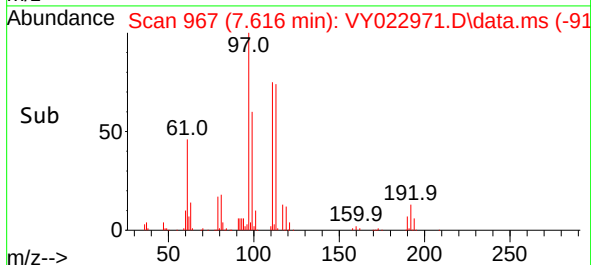
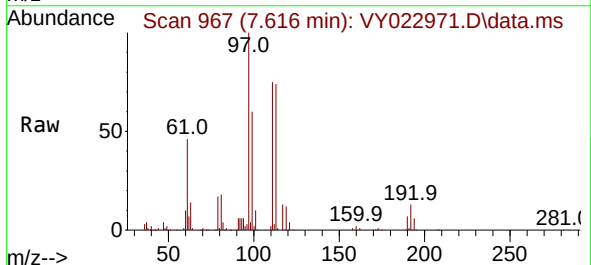


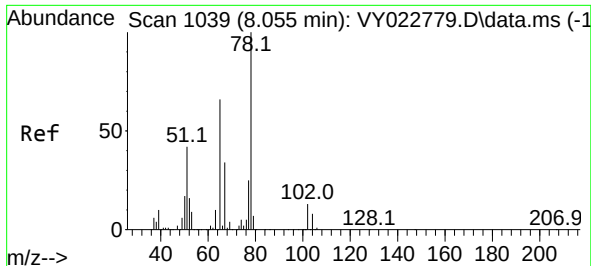
Tgt Ion: 56 Resp: 161275
Ion Ratio Lower Upper
56 100
69 38.6 27.0 40.6
84 89.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.965 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 97 Resp: 155586
Ion Ratio Lower Upper
97 100
99 62.1 50.9 76.3
61 46.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.718 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

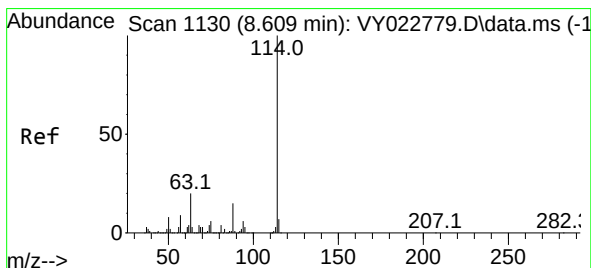
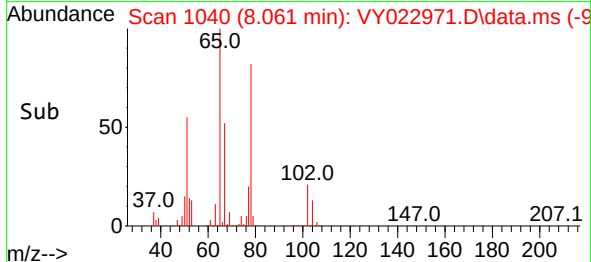
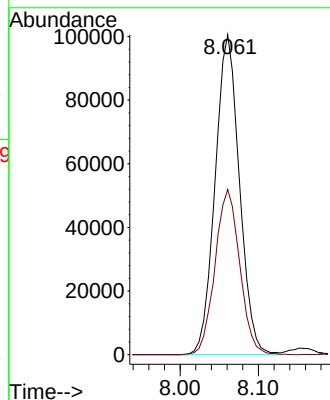
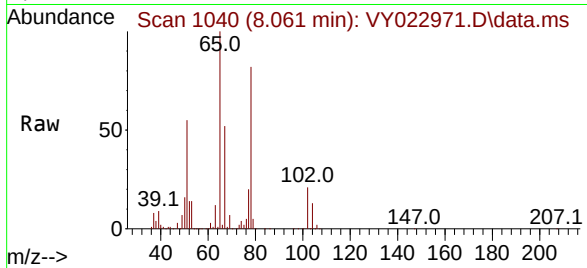
VY0708SBS01

Tgt Ion: 65 Resp: 217091

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

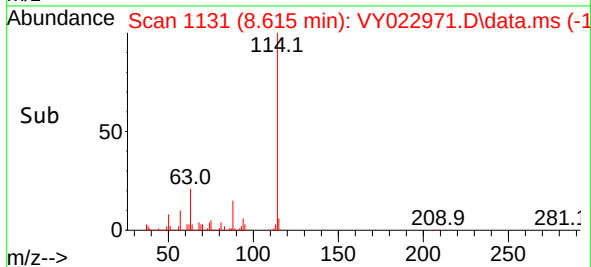
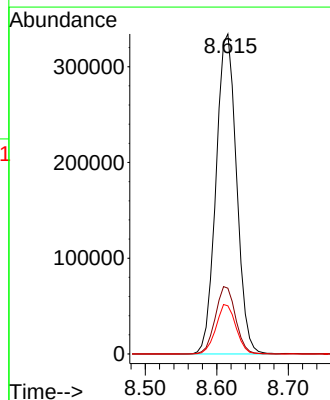
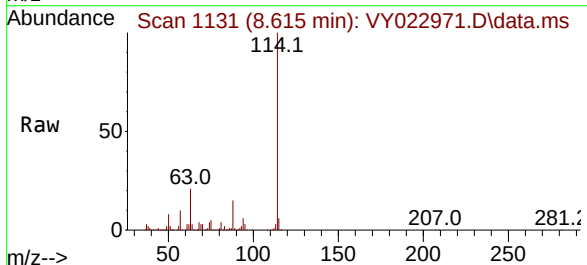
Tgt Ion: 114 Resp: 665251

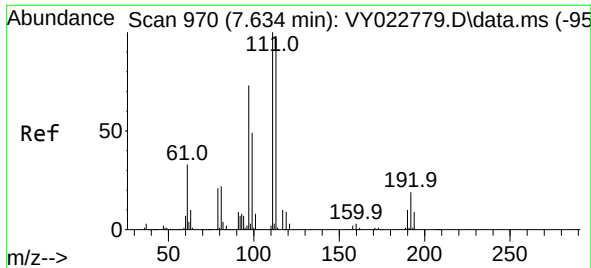
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.0 0.0 27.8

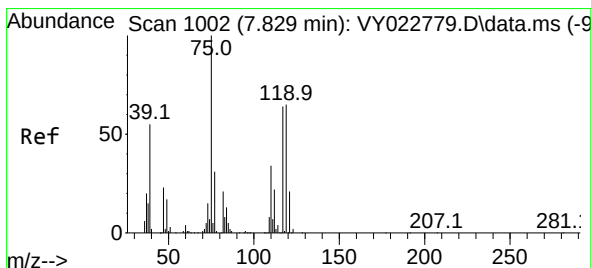
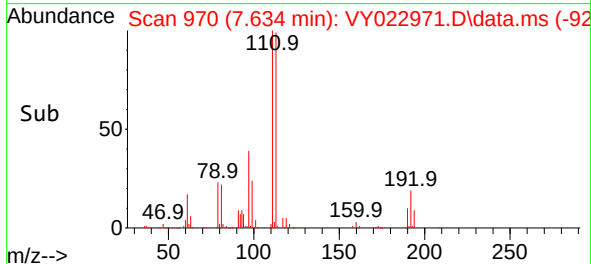
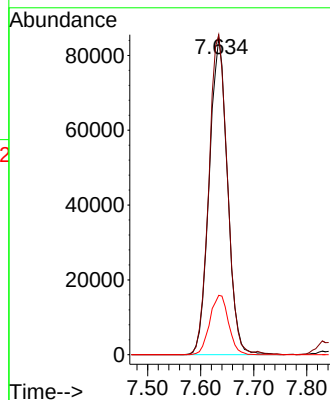
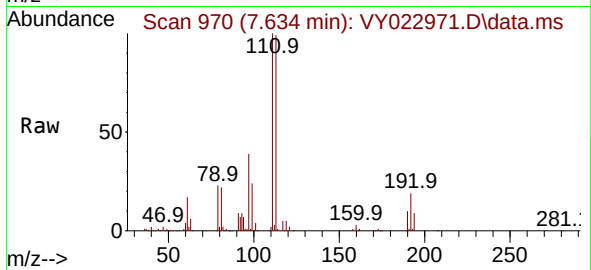




#35
Dibromofluoromethane
Concen: 50.049 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

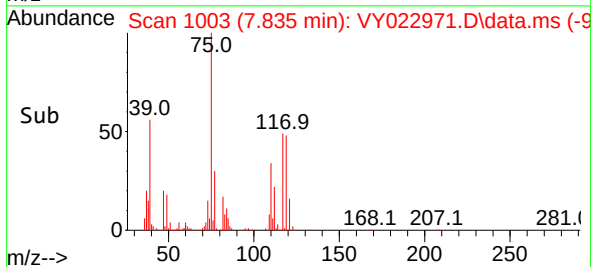
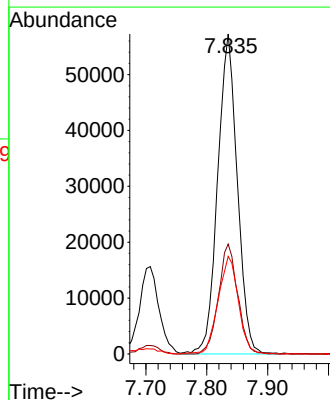
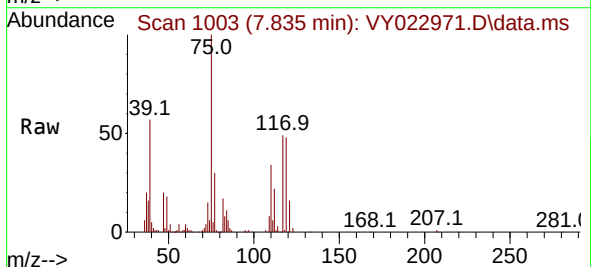
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

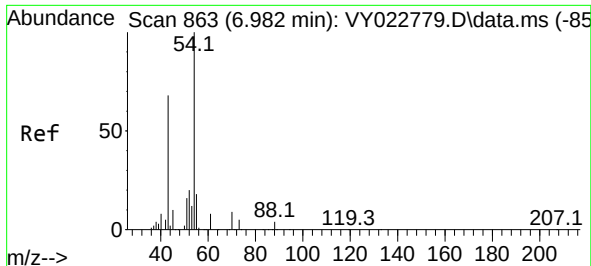
Tgt Ion:113 Resp: 202487
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 19.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.918 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 75 Resp: 128275
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 20.643 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

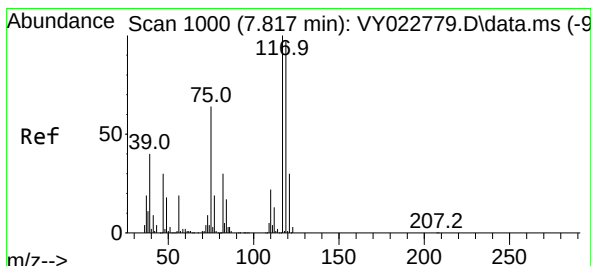
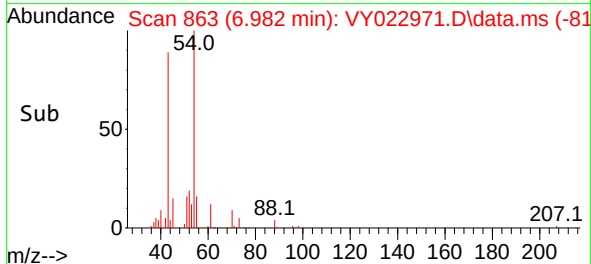
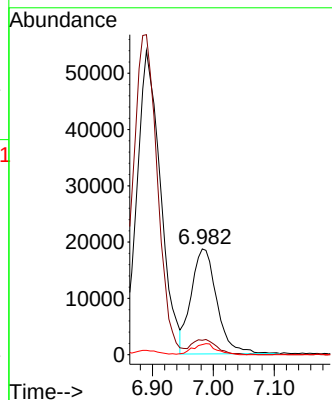
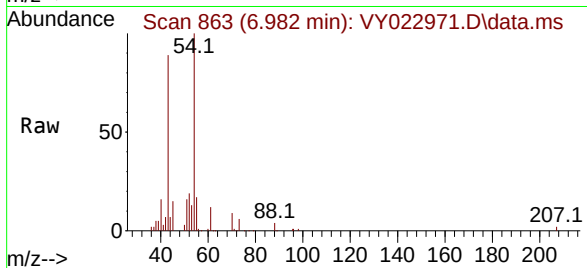
Tgt Ion: 43 Resp: 54625

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

70 9.5 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.635 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

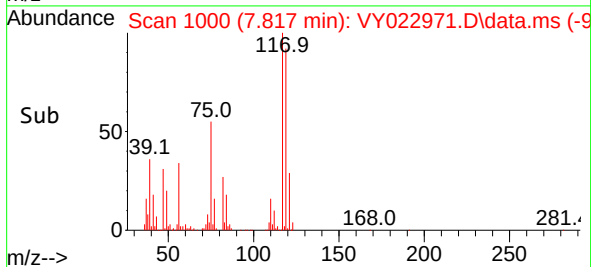
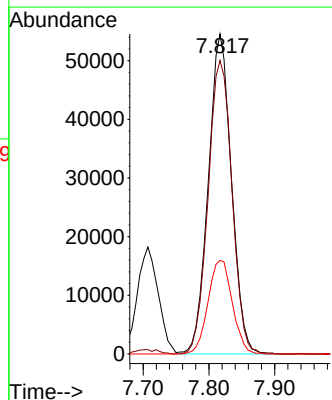
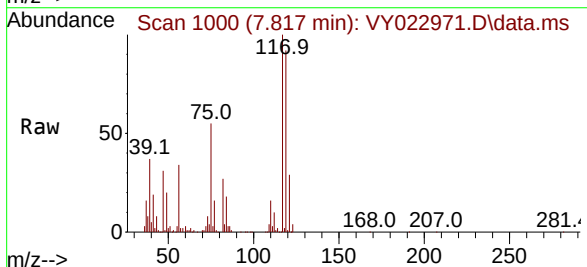
Tgt Ion: 117 Resp: 133516

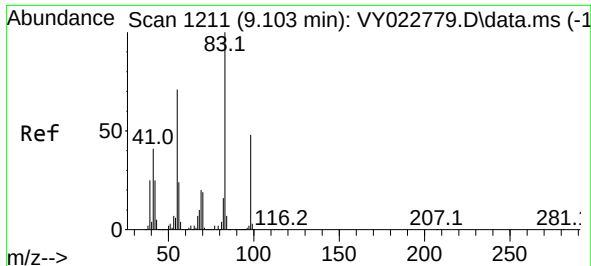
Ion Ratio Lower Upper

117 100

119 91.7 75.0 112.6

121 29.3 25.0 37.4





#39

Methylcyclohexane

Concen: 20.436 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

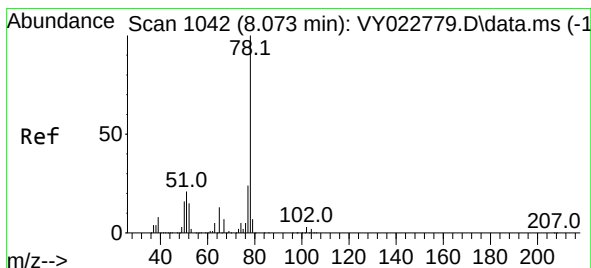
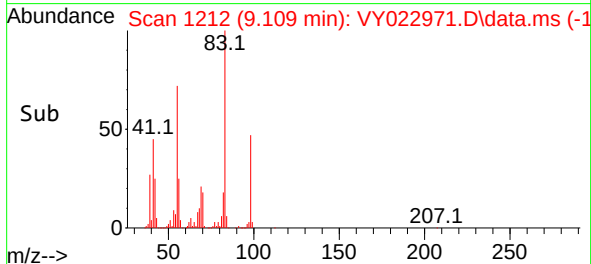
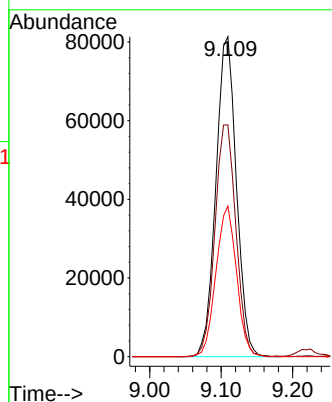
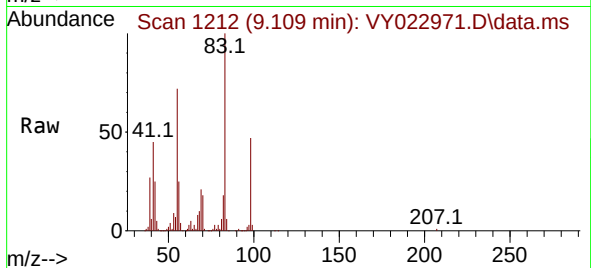
Tgt Ion: 83 Resp: 162178

Ion Ratio Lower Upper

83 100

55 72.5 58.1 87.1

98 47.0 39.0 58.6



#40

Benzene

Concen: 20.965 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022971.D

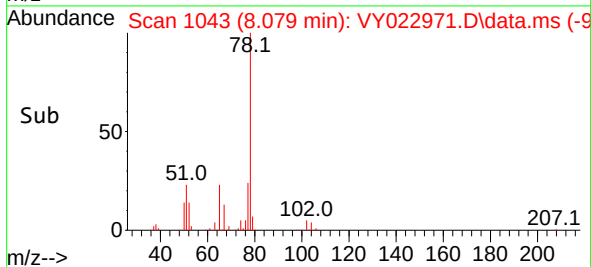
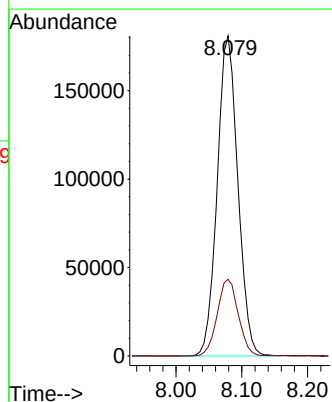
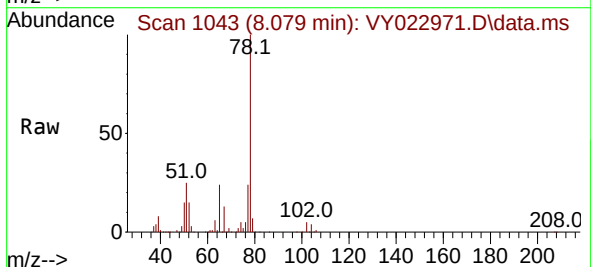
Acq: 08 Jul 2025 12:35

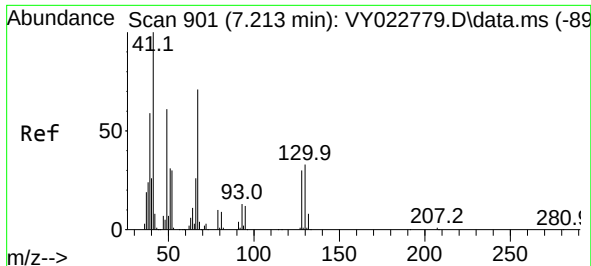
Tgt Ion: 78 Resp: 395273

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9



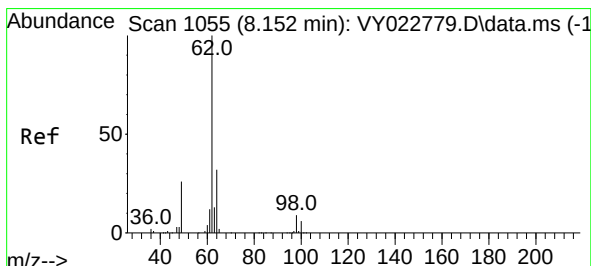
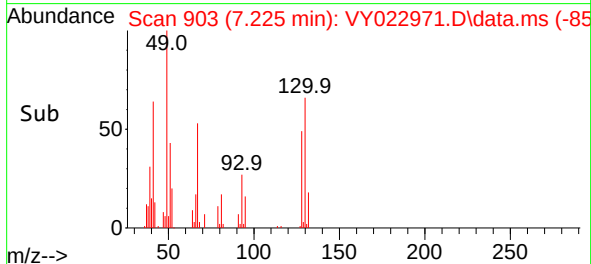
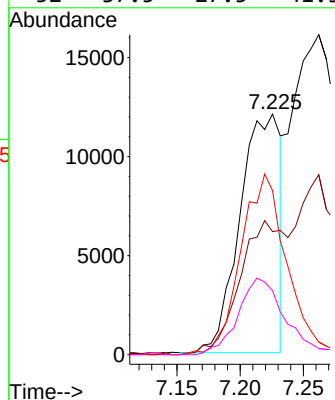
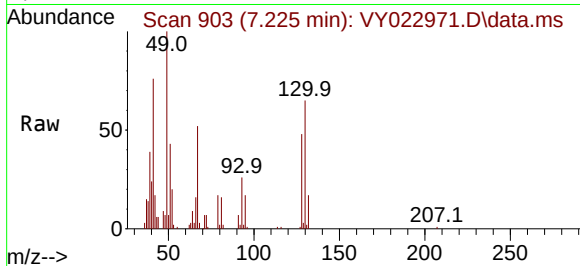


#41
Methacrylonitrile
Concen: 16.586 ug/l
RT: 7.225 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

Tgt Ion: 41 Resp: 27019

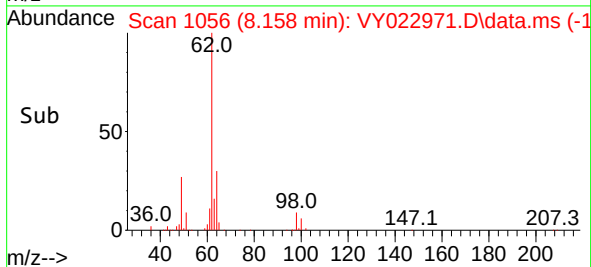
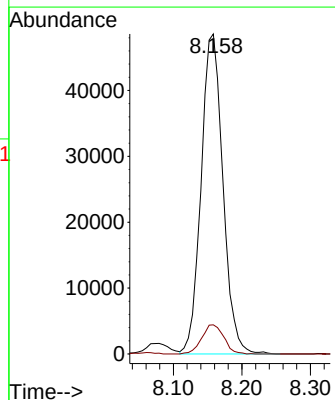
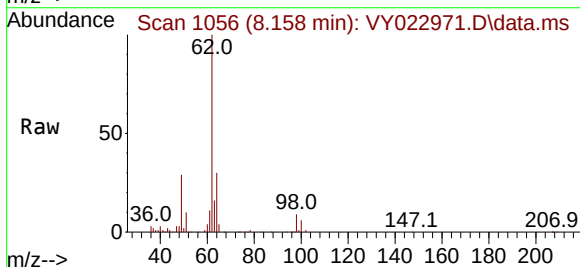
Ion	Ratio	Lower	Upper
41	100		
39	64.1	46.6	69.8
67	86.1	63.3	94.9
52	37.5	27.5	41.3

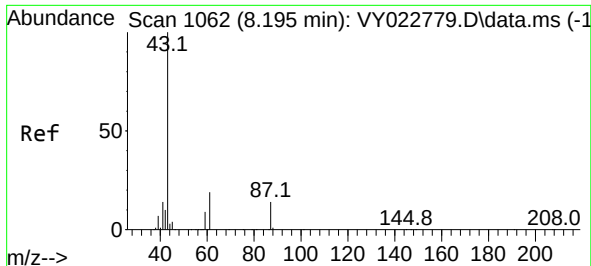


#42
1,2-Dichloroethane
Concen: 20.840 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 62 Resp: 107672

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

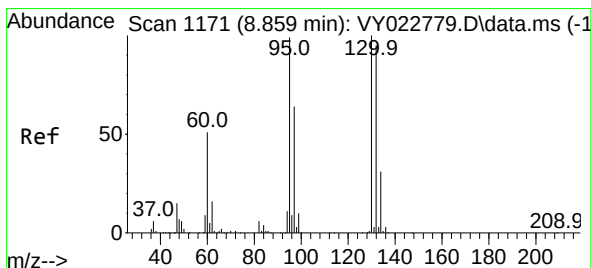
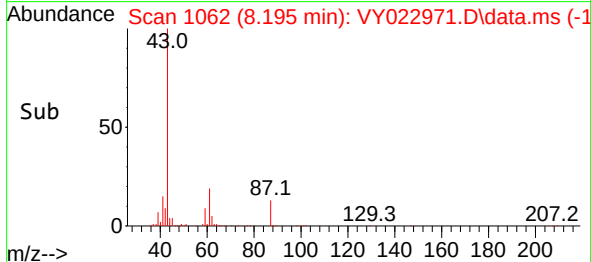
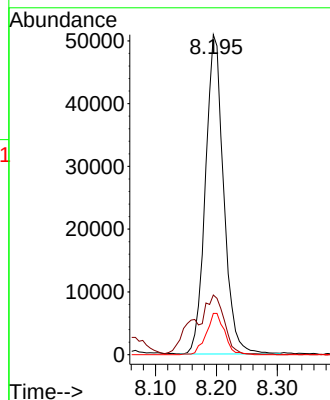
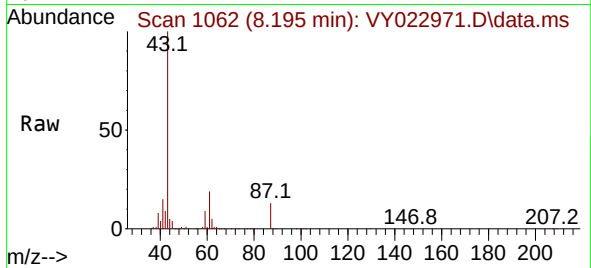




#43
Isopropyl Acetate
Concen: 19.213 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

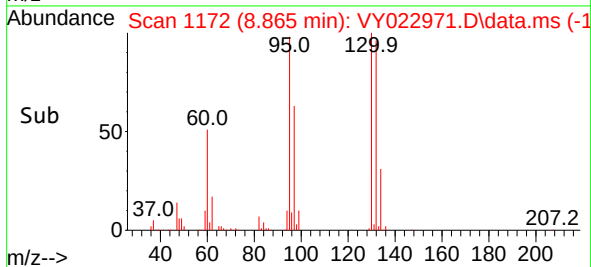
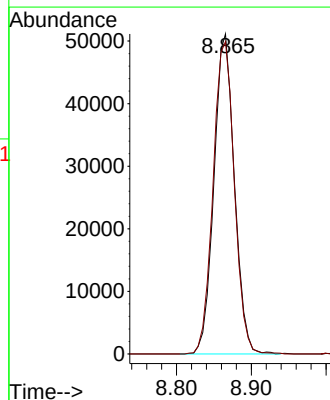
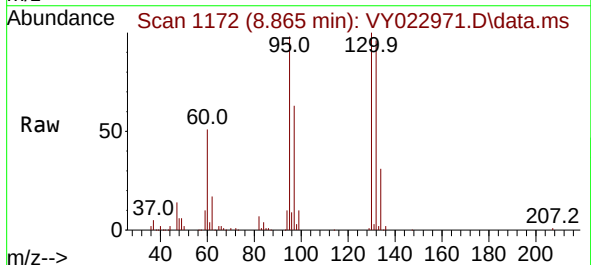
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

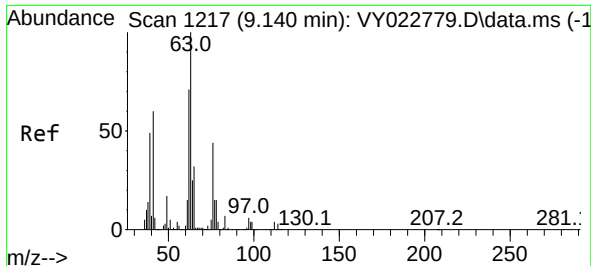
Tgt Ion: 43 Resp: 105668
Ion Ratio Lower Upper
43 100
61 20.1 15.6 23.4
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 20.558 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion:130 Resp: 97316
Ion Ratio Lower Upper
130 100
95 97.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.121 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

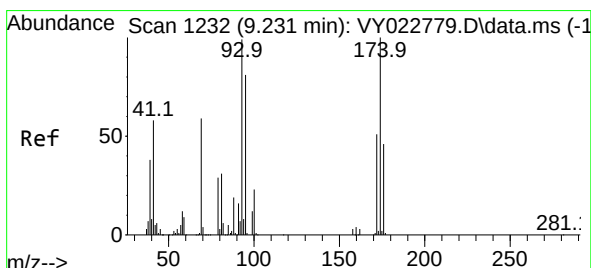
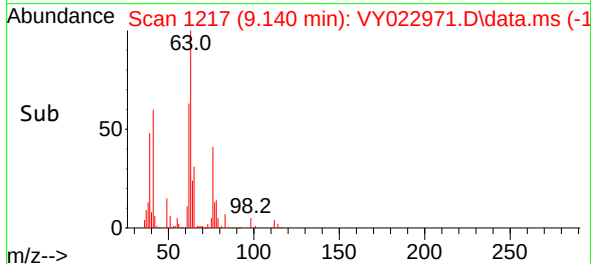
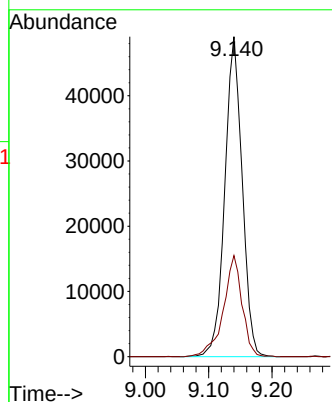
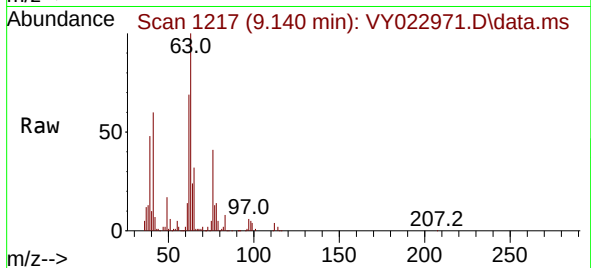
VY0708SBS01

Tgt Ion: 63 Resp: 93199

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#46

Dibromomethane

Concen: 20.528 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

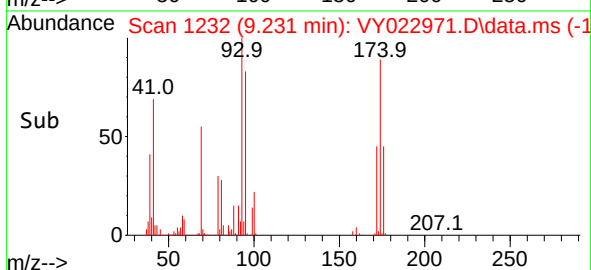
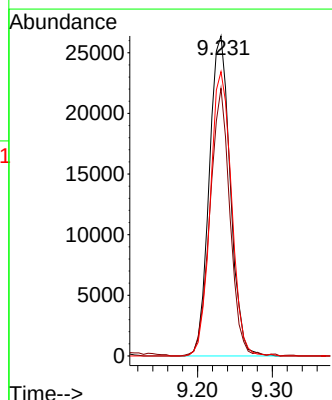
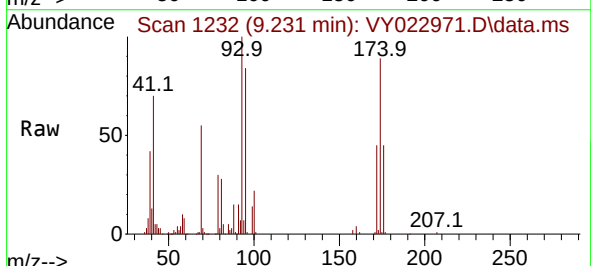
Tgt Ion: 93 Resp: 51422

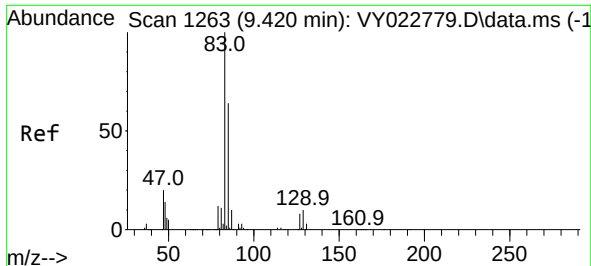
Ion Ratio Lower Upper

93 100

95 79.4 65.6 98.4

174 89.7 70.4 105.6

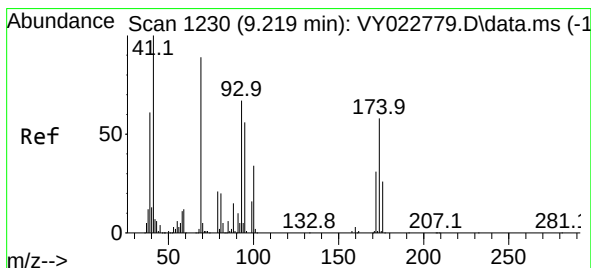
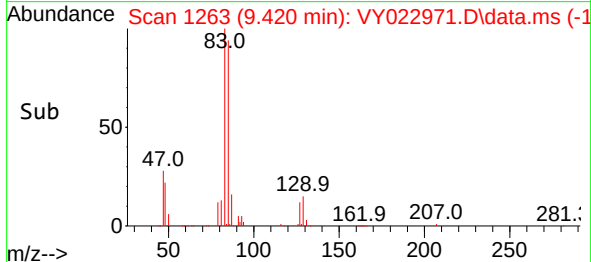
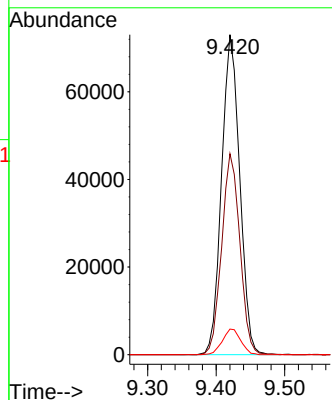
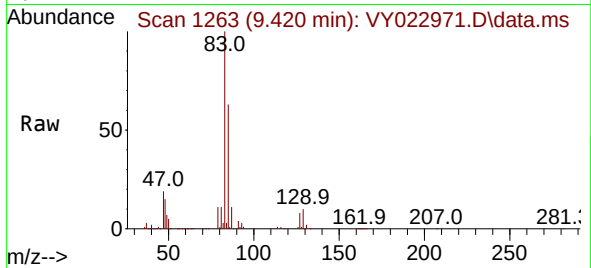




#47
Bromodichloromethane
Concen: 20.720 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

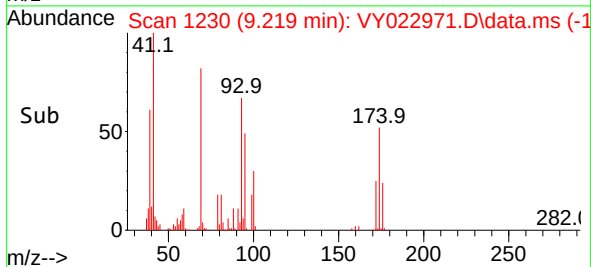
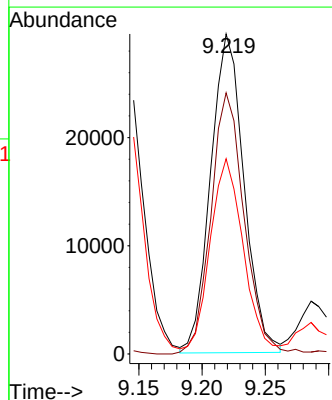
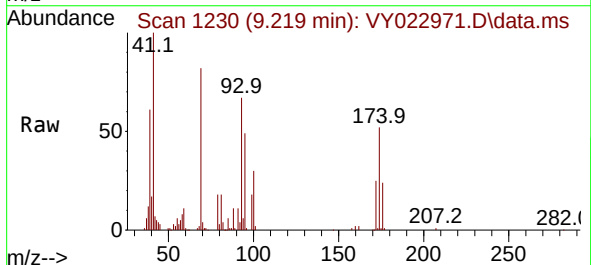
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

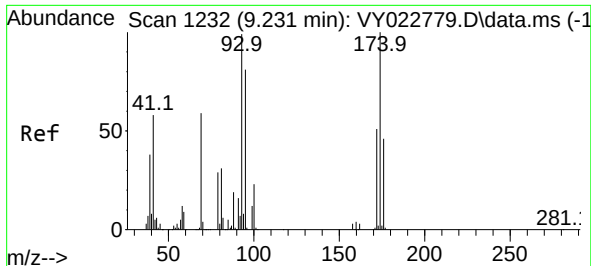
Tgt Ion: 83 Resp: 133840
Ion Ratio Lower Upper
83 100
85 62.8 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 20.443 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 41 Resp: 54050
Ion Ratio Lower Upper
41 100
69 82.1 67.8 101.8
39 58.3 55.0 82.4





#49

1,4-Dioxane

Concen: 367.965 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.019 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

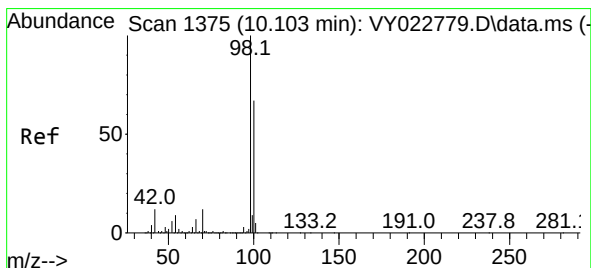
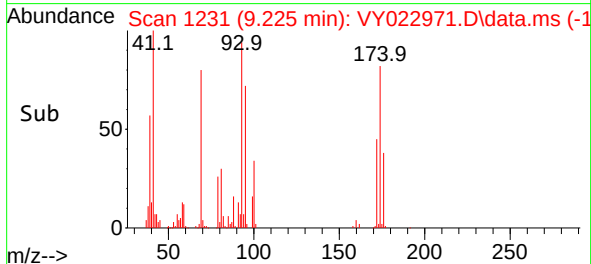
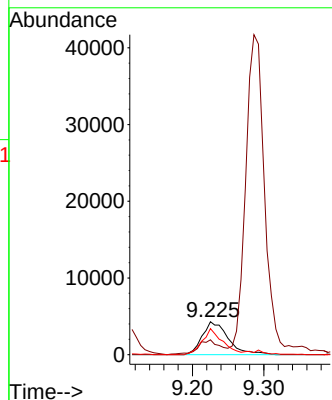
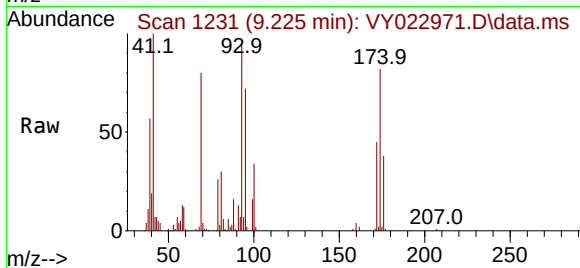
Tgt Ion: 88 Resp: 10890

Ion Ratio Lower Upper

88 100

43 38.7 25.4 38.2#

58 62.6 54.9 82.3



#50

Toluene-d8

Concen: 50.482 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022971.D

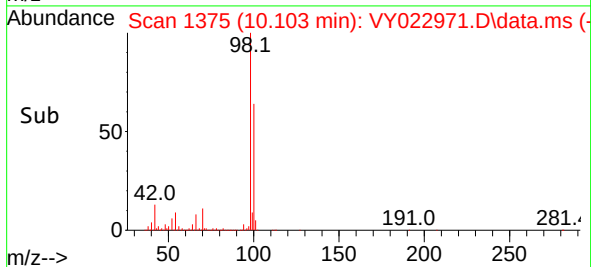
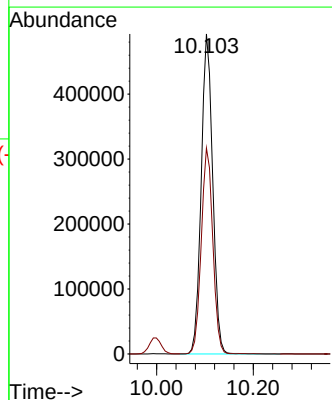
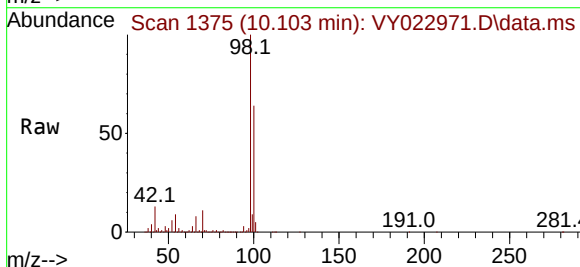
Acq: 08 Jul 2025 12:35

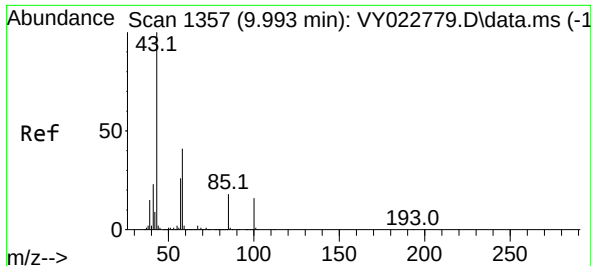
Tgt Ion: 98 Resp: 810448

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

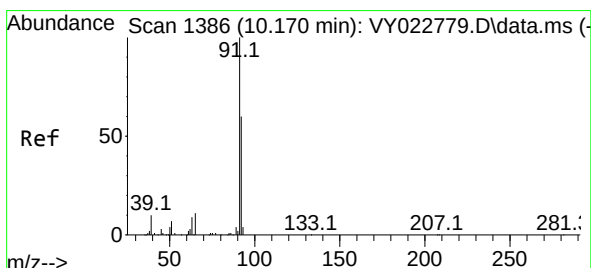
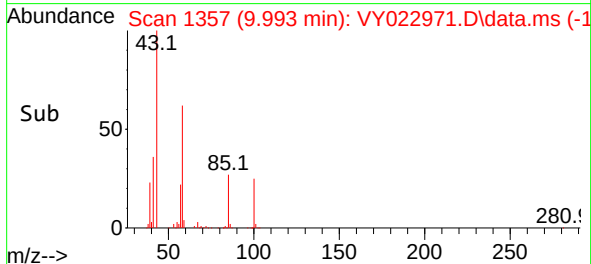
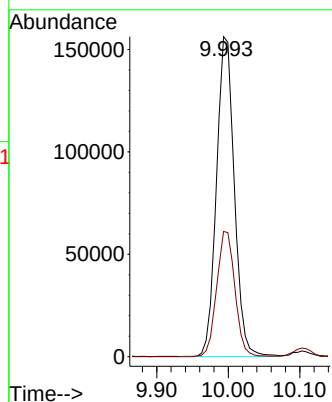
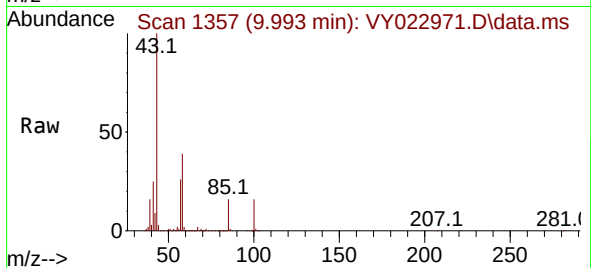




#51
4-Methyl-2-Pentanone
Concen: 97.035 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

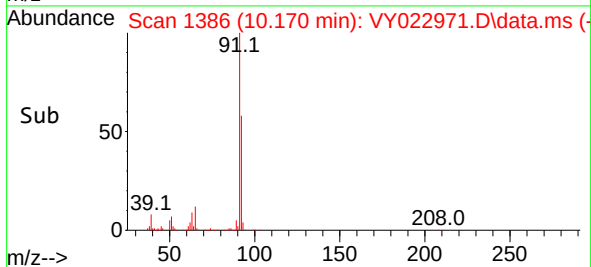
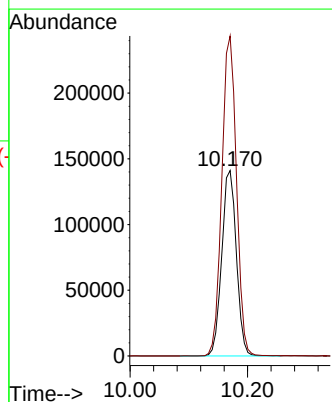
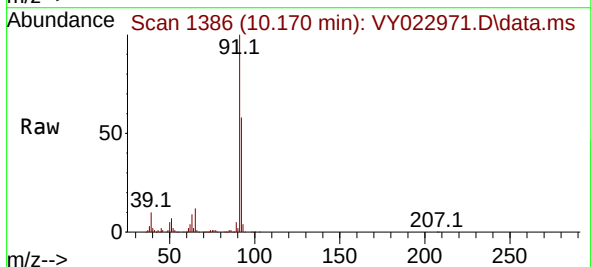
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

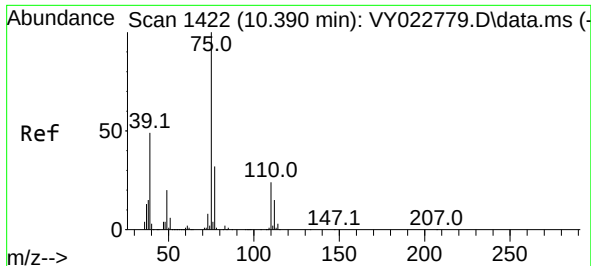
Tgt Ion: 43 Resp: 271201
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6



#52
Toluene
Concen: 20.460 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 92 Resp: 243370
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.4

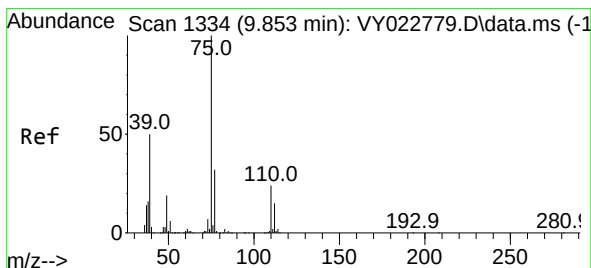
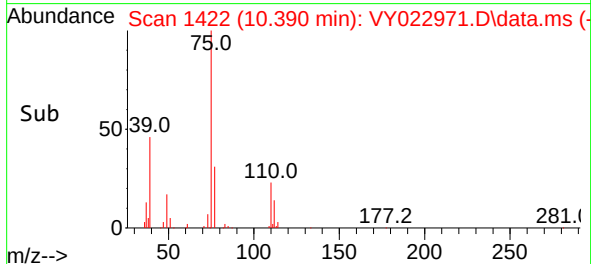
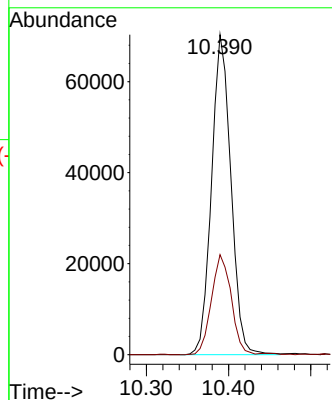
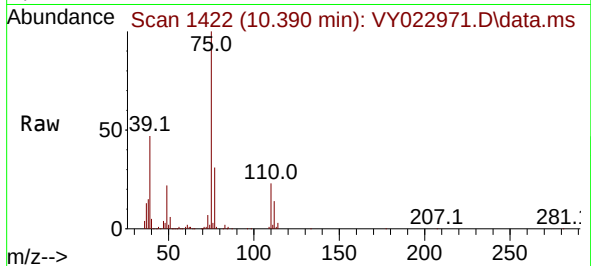




#53
 t-1,3-Dichloropropene
 Concen: 19.807 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

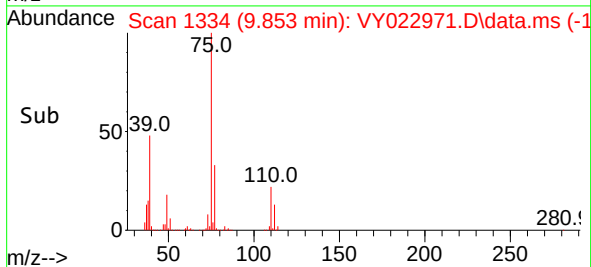
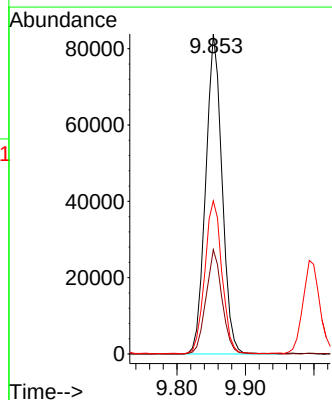
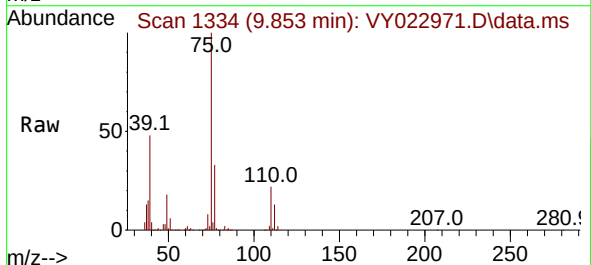
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

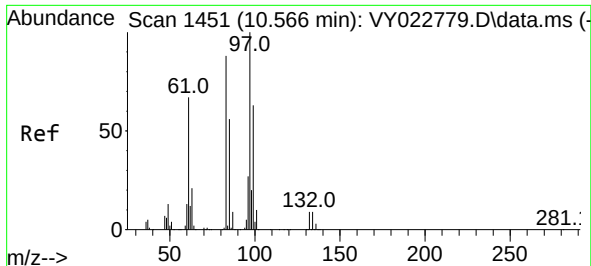
Tgt Ion: 75 Resp: 115115
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.682 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

Tgt Ion: 75 Resp: 139372
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 47.8 42.7 64.1

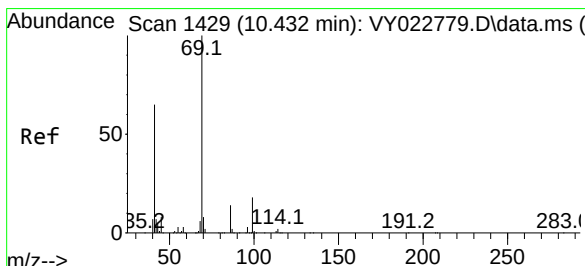
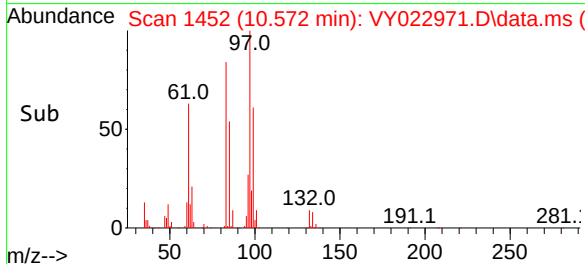
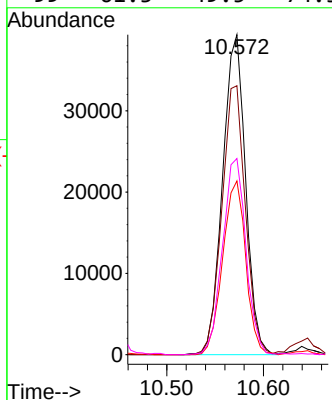
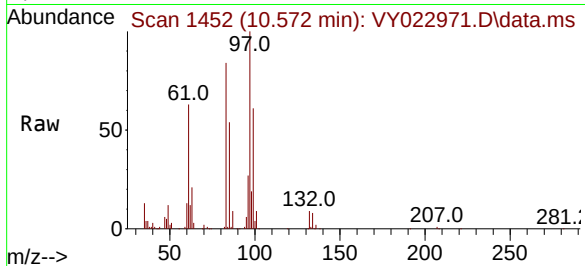




#55
1,1,2-Trichloroethane
Concen: 20.007 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

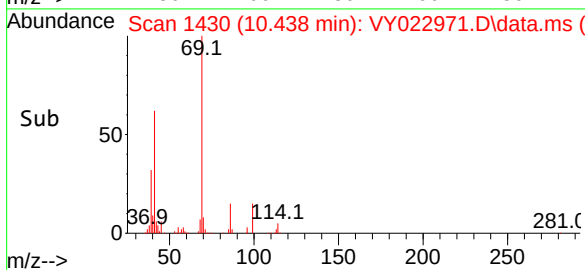
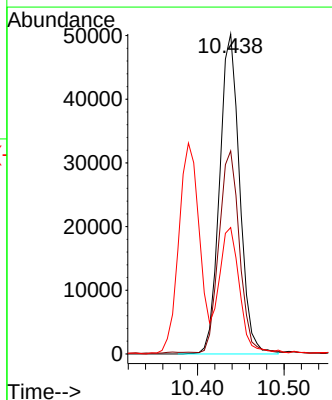
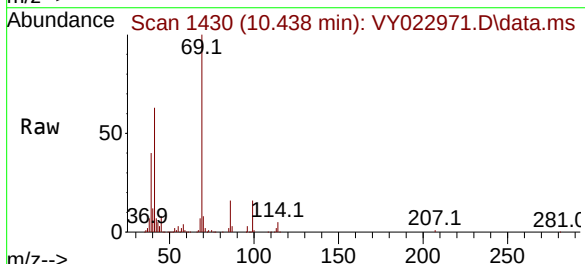
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

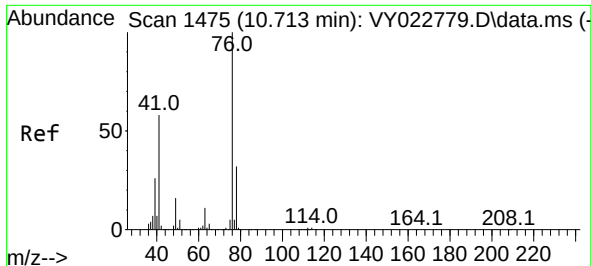
Tgt Ion: 97	Resp: 64895
Ion Ratio	Lower Upper
97 100	
83 84.0	68.1 102.1
85 54.3	48.2 72.2
99 61.3	49.5 74.3



#56
Ethyl methacrylate
Concen: 18.460 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 69	Resp: 80561
Ion Ratio	Lower Upper
69 100	
41 64.0	52.2 78.2
39 40.1	36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.342 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

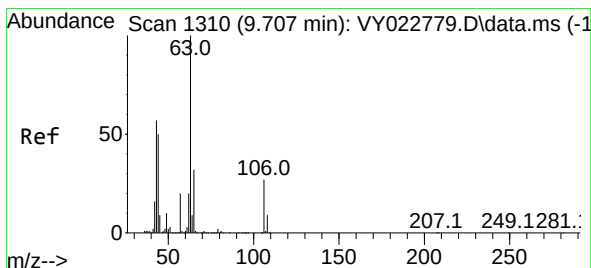
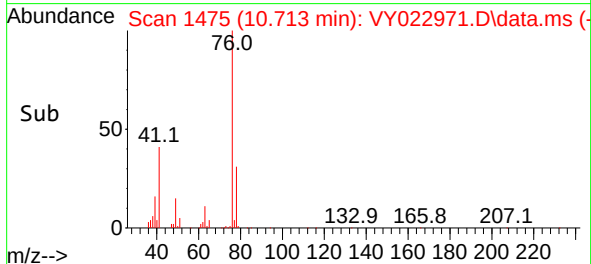
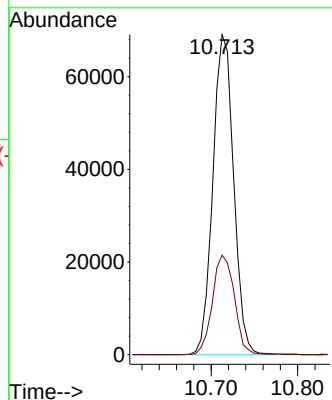
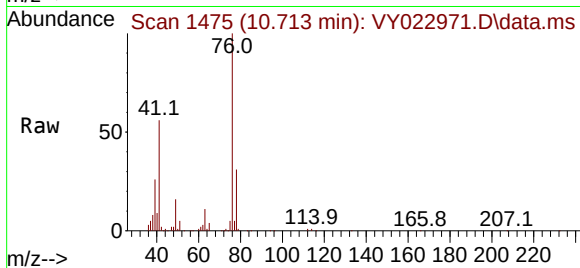
VY0708SBS01

Tgt Ion: 76 Resp: 115118

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.933 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022971.D

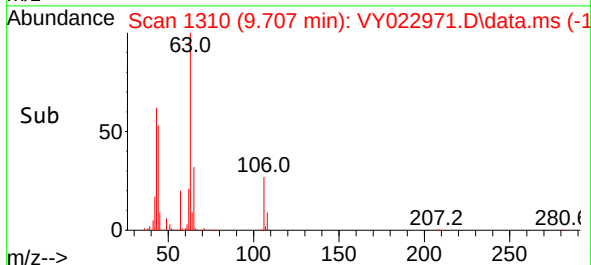
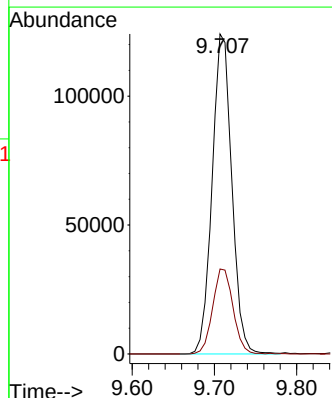
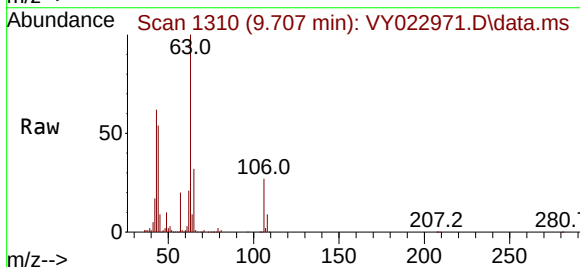
Acq: 08 Jul 2025 12:35

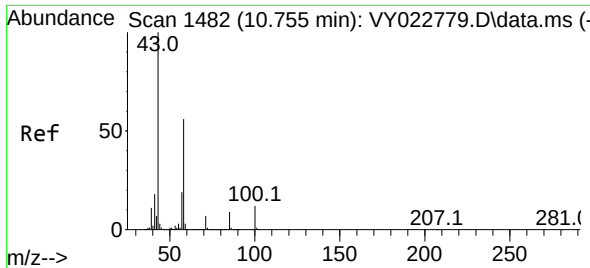
Tgt Ion: 63 Resp: 206217

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

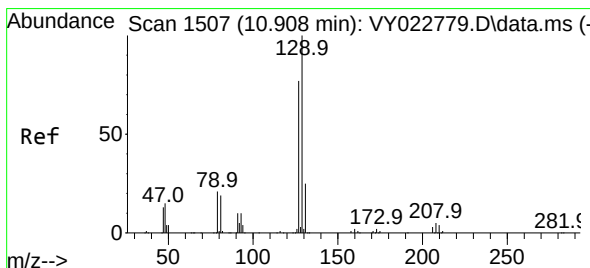
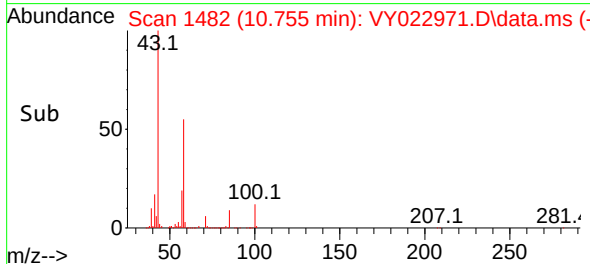
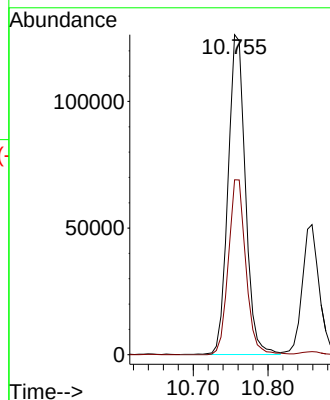
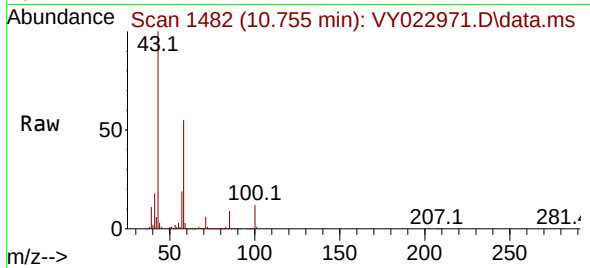




#59
2-Hexanone
Concen: 107.378 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

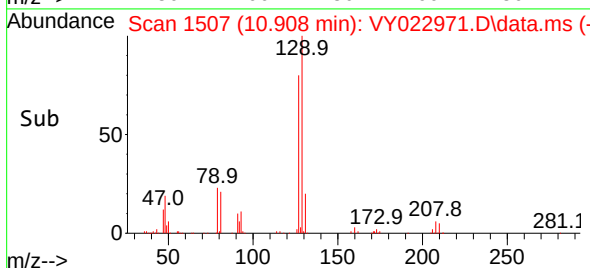
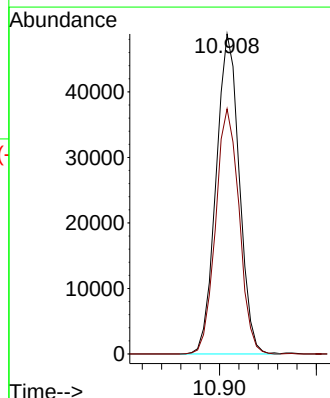
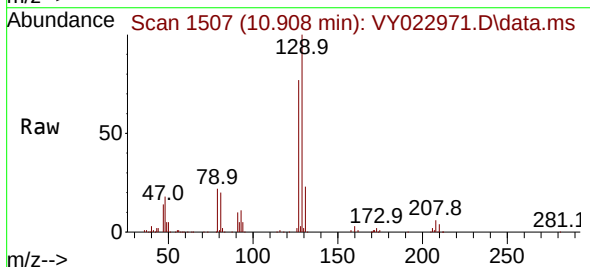
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

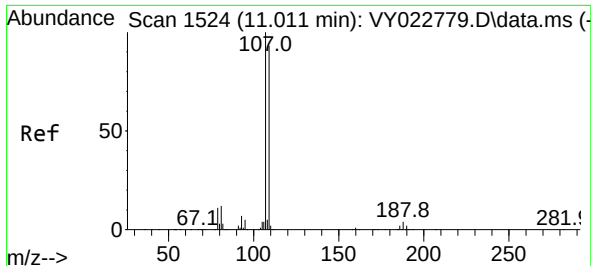
Tgt Ion: 43 Resp: 204036
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 19.375 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 129 Resp: 81177
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

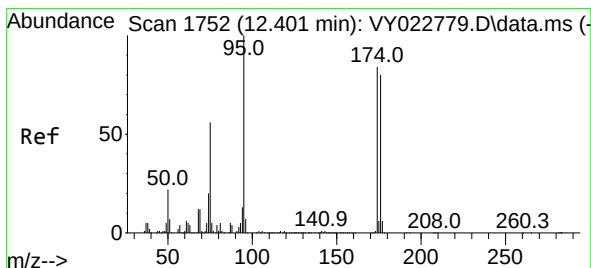
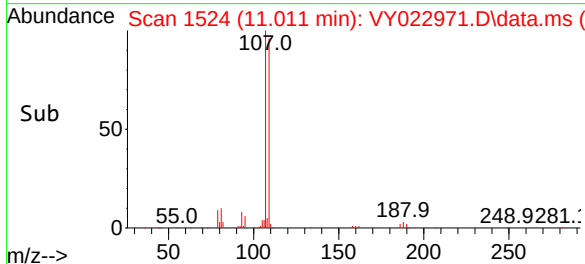
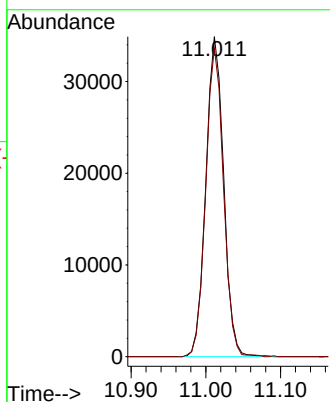
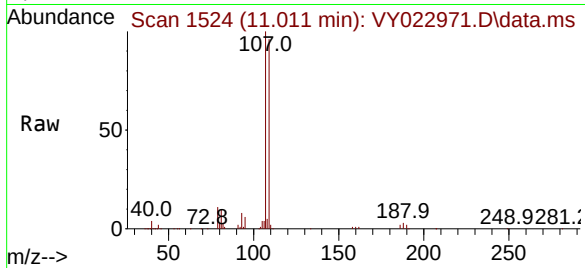




#61
1,2-Dibromoethane
Concen: 19.084 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

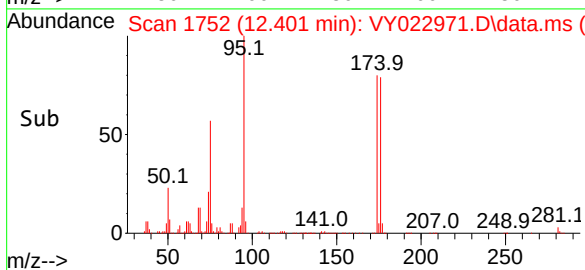
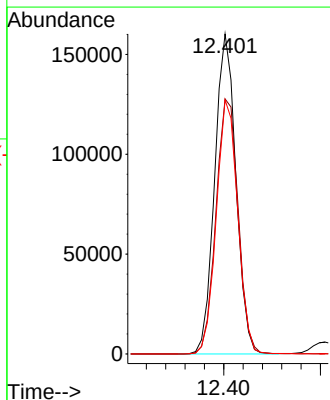
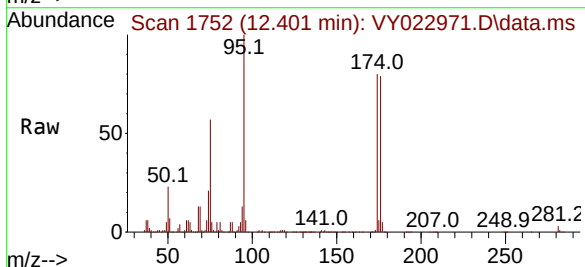
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

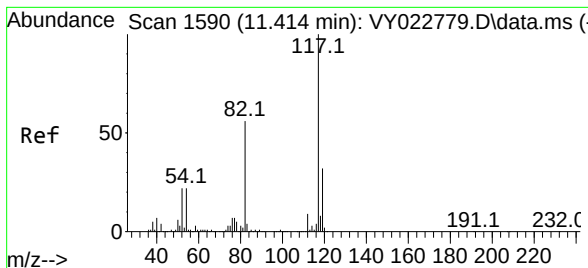
Tgt Ion:107 Resp: 57927
Ion Ratio Lower Upper
107 100
109 96.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 47.225 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 95 Resp: 243721
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.0
176 80.0 0.0 166.2

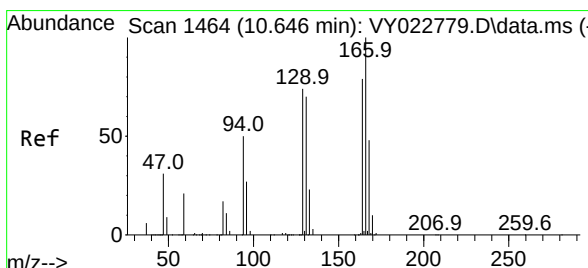
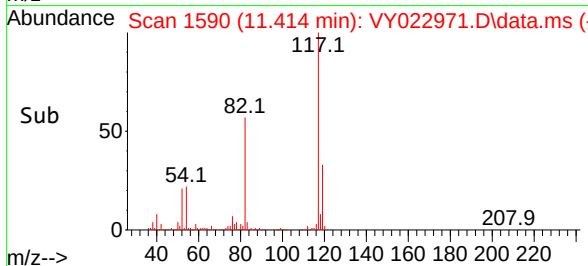
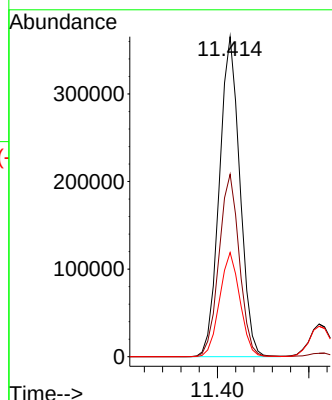
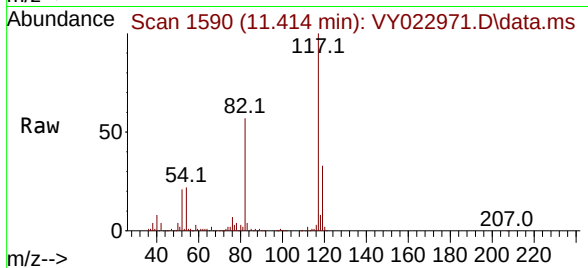




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

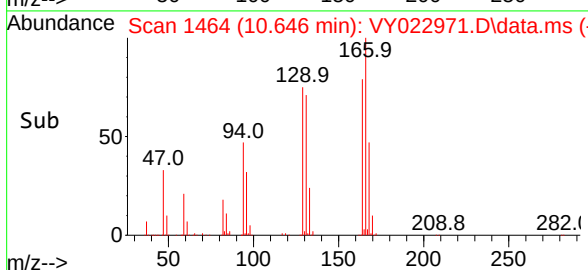
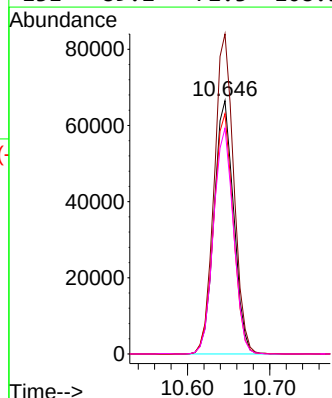
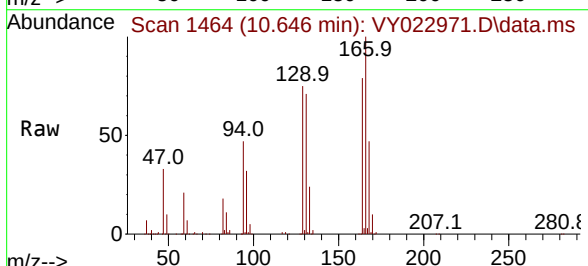
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

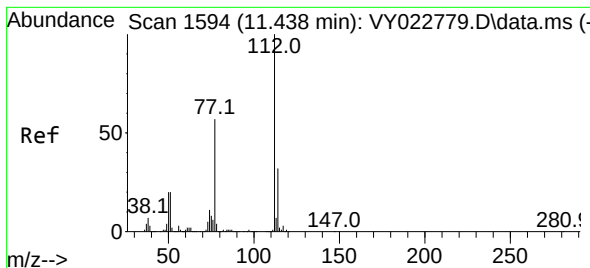
Tgt Ion:117 Resp: 569445
Ion Ratio Lower Upper
117 100
82 57.0 44.6 66.8
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 20.508 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion:164 Resp: 110326
Ion Ratio Lower Upper
164 100
166 126.4 104.0 156.0
129 94.9 74.5 111.7
131 89.2 72.3 108.5





#65

Chlorobenzene

Concen: 20.163 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

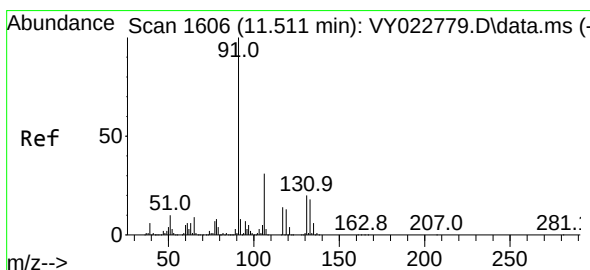
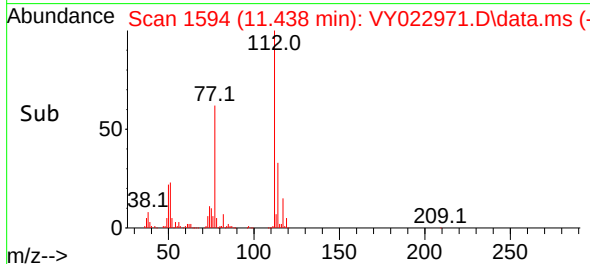
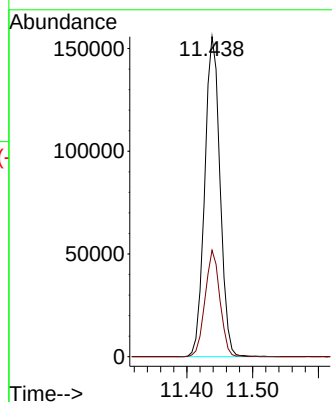
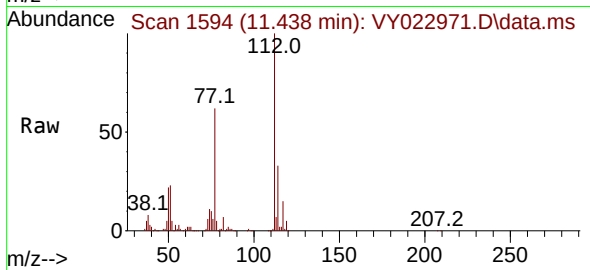
VY0708SBSD01

Tgt Ion:112 Resp: 252288

Ion Ratio Lower Upper

112 100

114 33.2 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.092 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

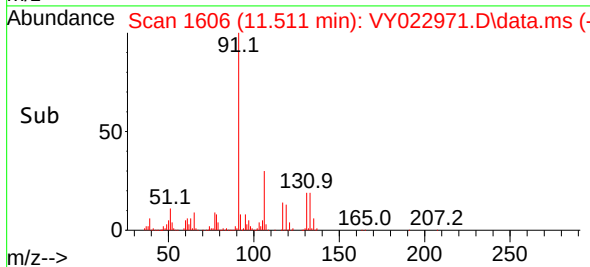
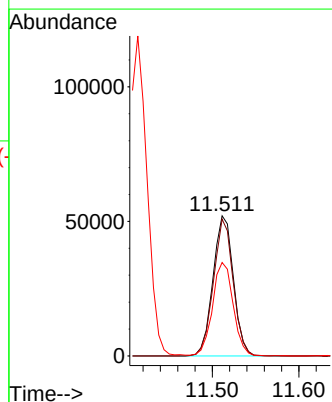
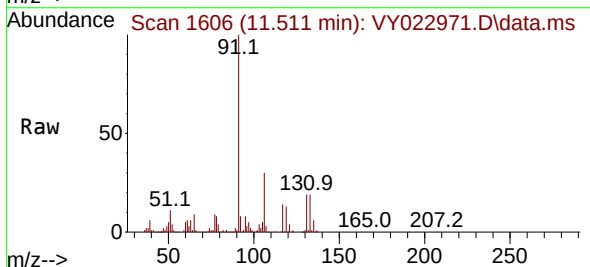
Tgt Ion:131 Resp: 85151

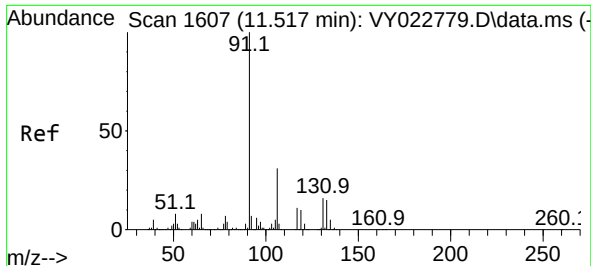
Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.8

119 67.7 33.1 99.3





#67

Ethyl Benzene

Concen: 20.512 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

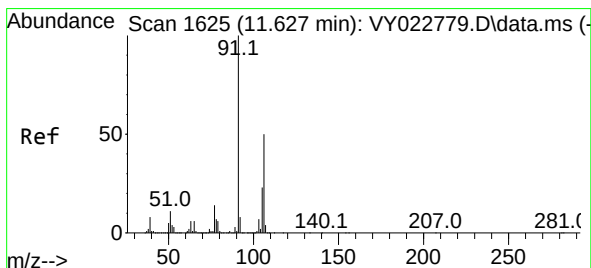
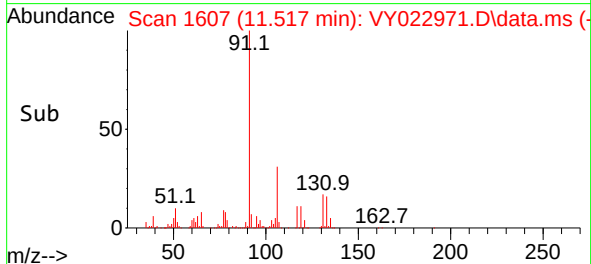
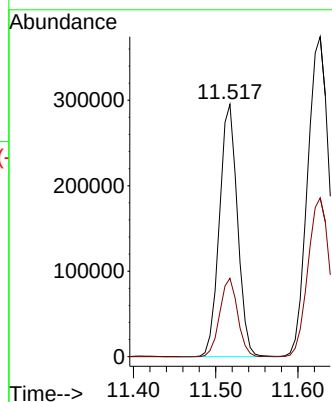
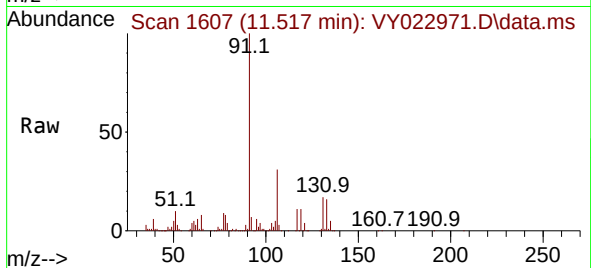
VY0708SBSD01

Tgt Ion: 91 Resp: 450946

Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.4



#68

m/p-Xylenes

Concen: 40.175 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022971.D

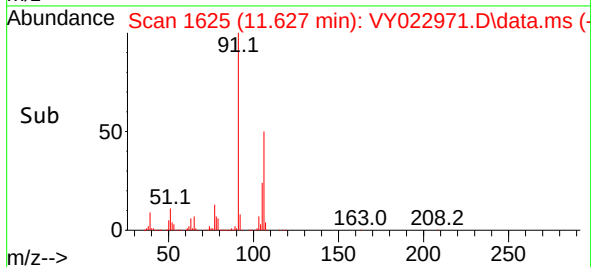
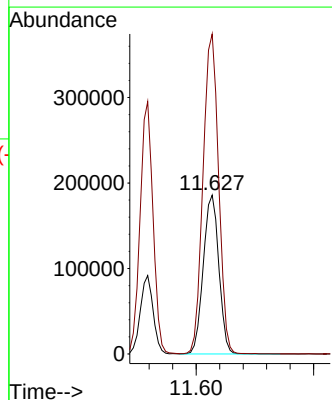
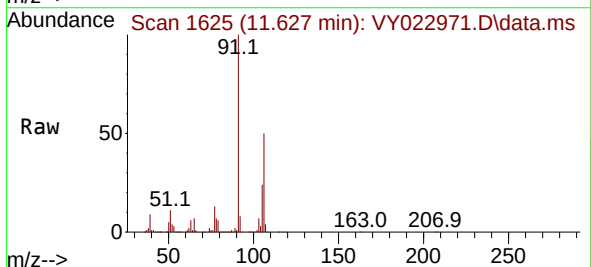
Acq: 08 Jul 2025 12:35

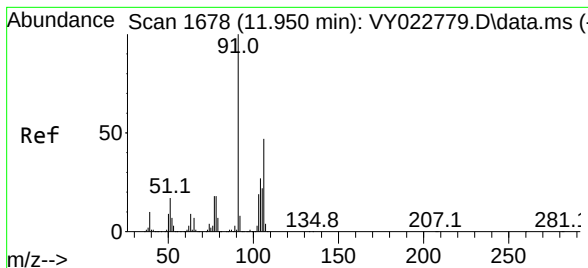
Tgt Ion: 106 Resp: 341420

Ion Ratio Lower Upper

106 100

91 201.0 159.4 239.0

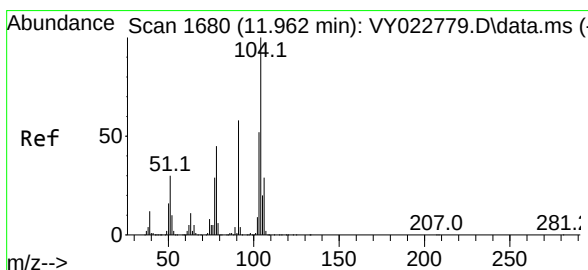
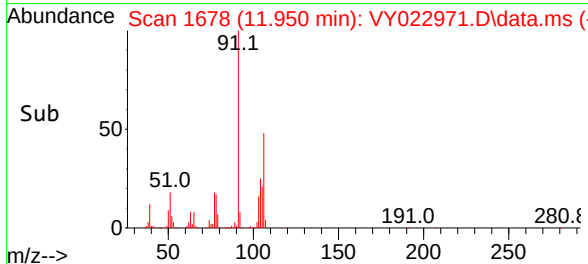
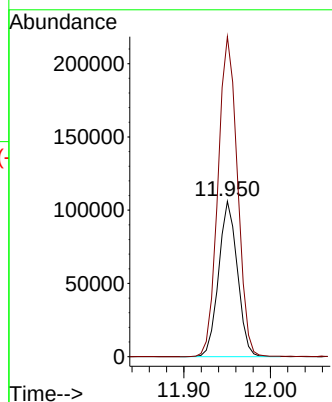
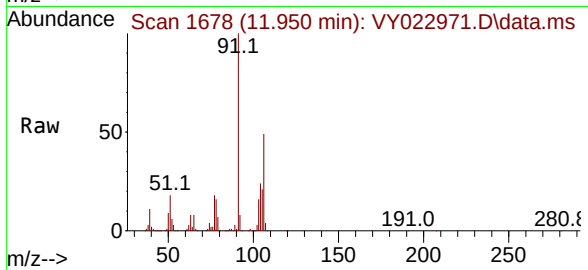




#69
o-Xylene
Concen: 19.928 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

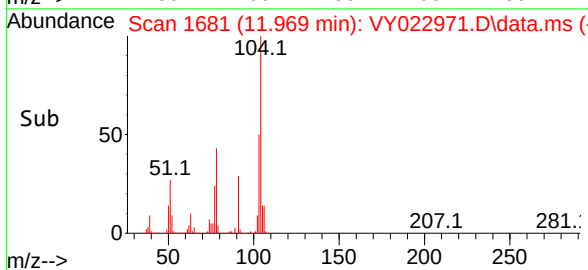
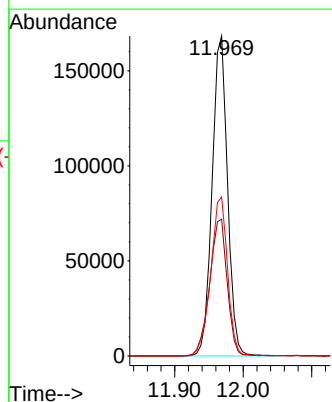
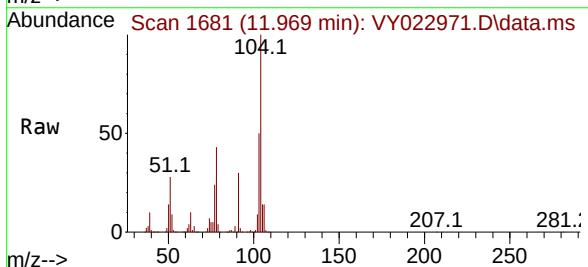
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

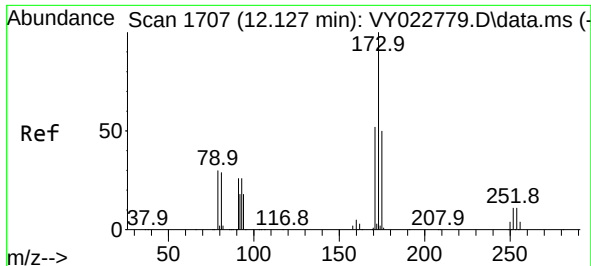
Tgt Ion:106 Resp: 159574
Ion Ratio Lower Upper
106 100
91 213.8 105.8 317.3



#70
Styrene
Concen: 19.630 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion:104 Resp: 263302
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 54.5 44.1 66.1

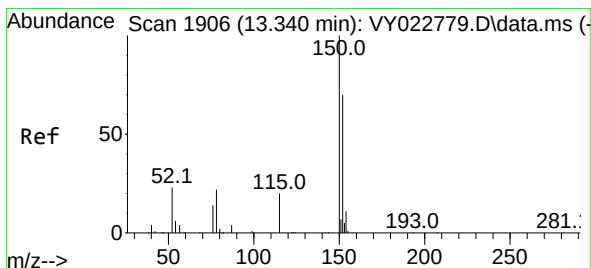
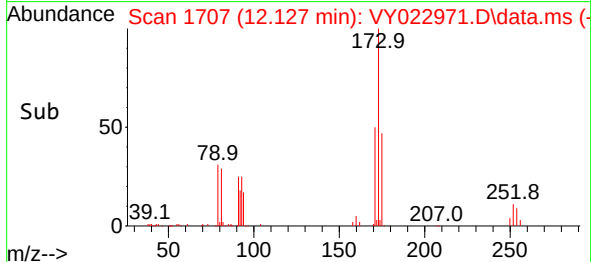
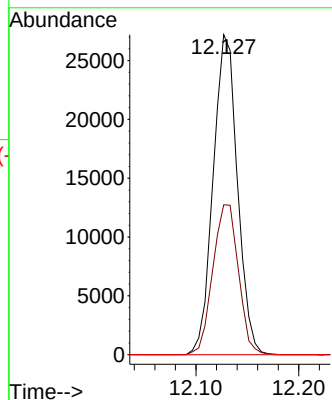
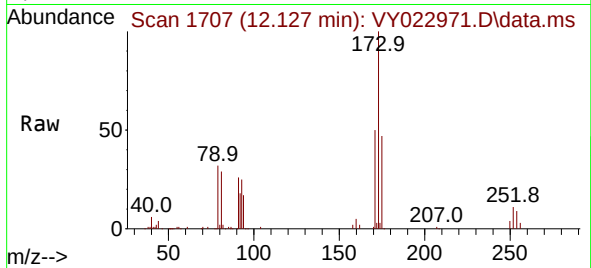




#71
Bromoform
Concen: 18.882 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

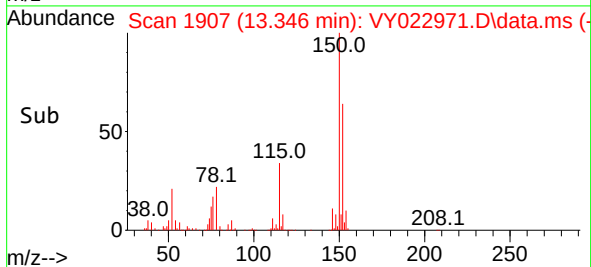
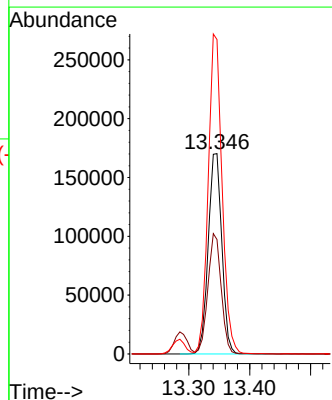
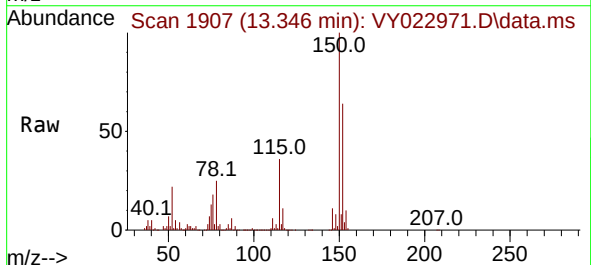
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

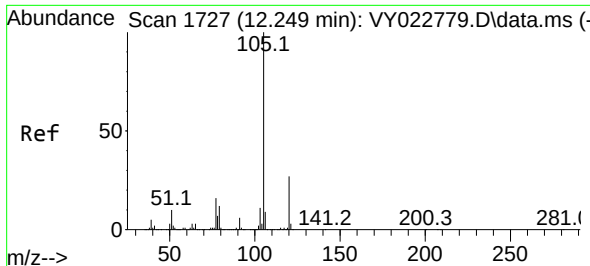
Tgt Ion:173 Resp: 44557
Ion Ratio Lower Upper
173 100
175 49.5 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion:152 Resp: 263984
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 162.7 0.0 349.6

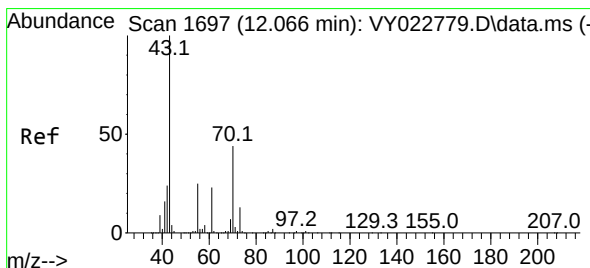
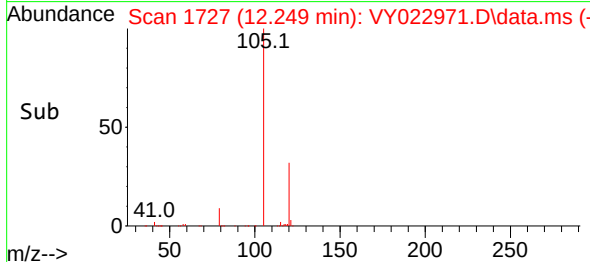
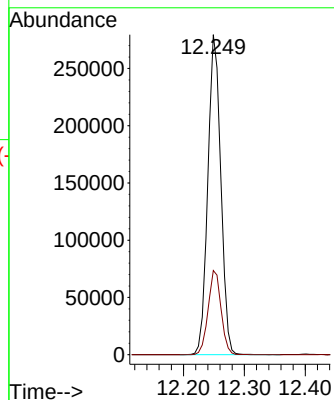
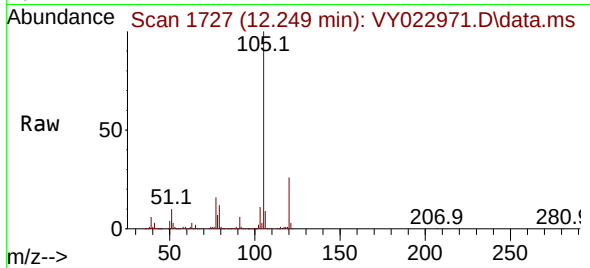




#73
Isopropylbenzene
Concen: 21.141 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

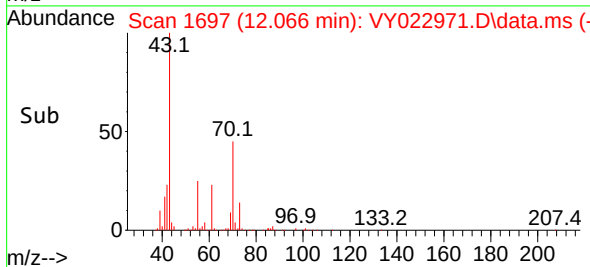
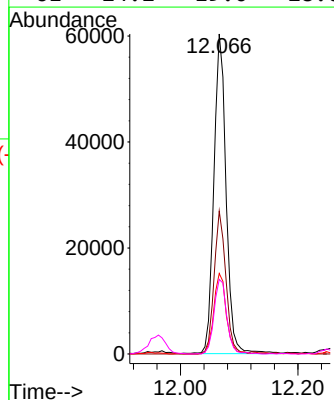
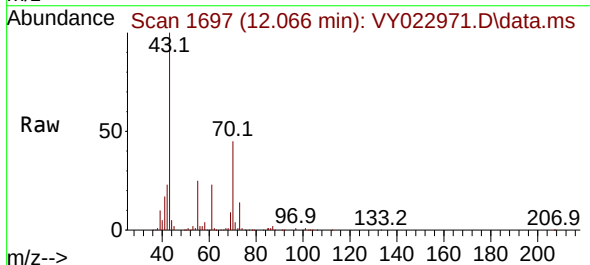
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

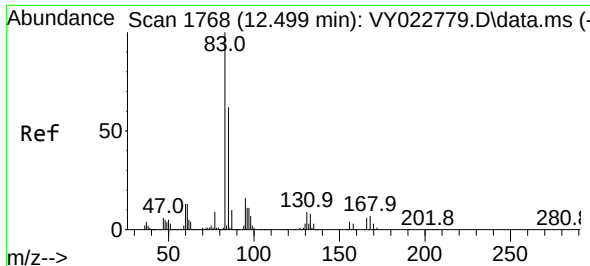
Tgt Ion:105 Resp: 412743
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 19.946 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 43 Resp: 87409
Ion Ratio Lower Upper
43 100
70 42.7 34.2 51.2
55 25.9 18.2 27.4
61 24.2 19.0 28.6

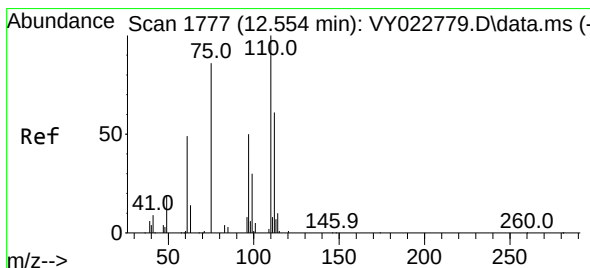
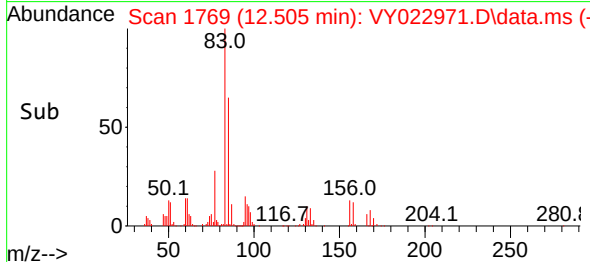
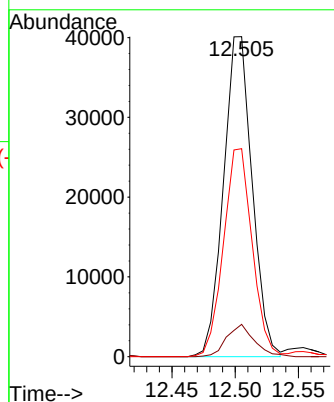
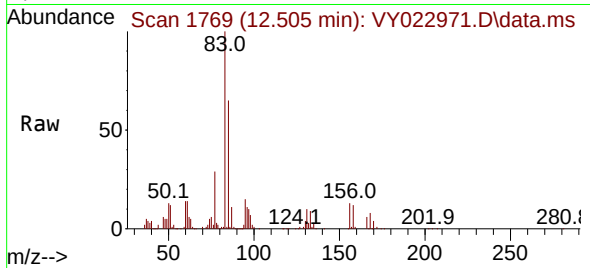




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.112 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

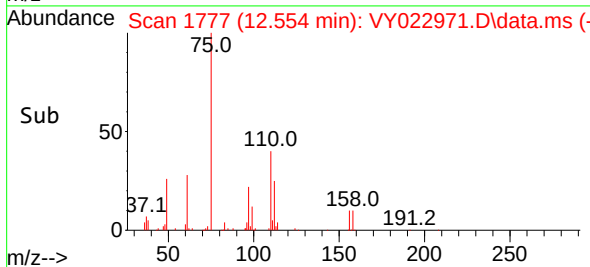
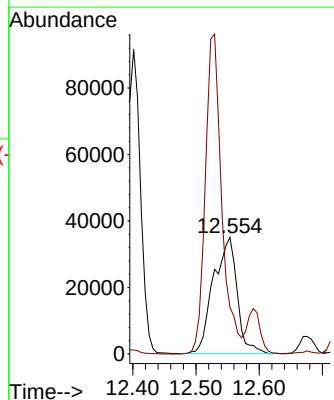
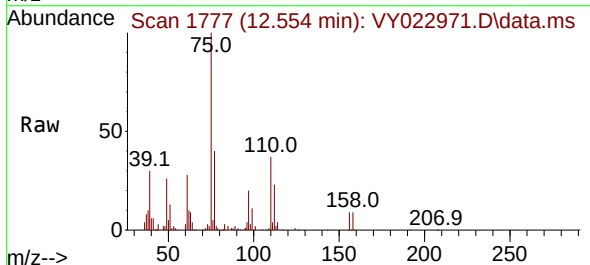
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

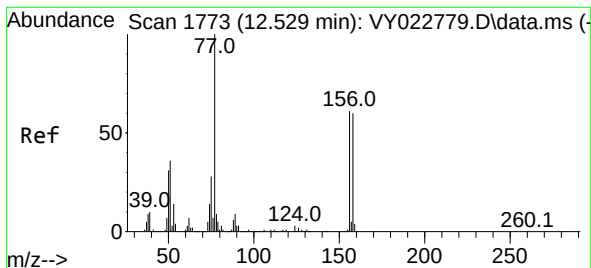
Tgt Ion: 83 Resp: 63284
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 65.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 33.838 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

Tgt Ion: 75 Resp: 91194
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.447 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

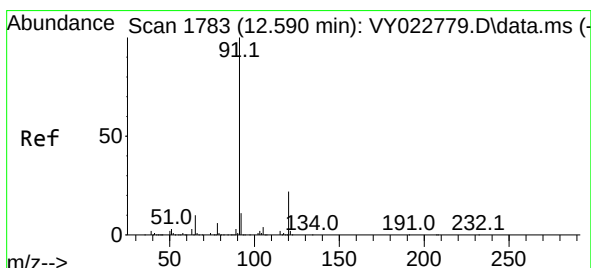
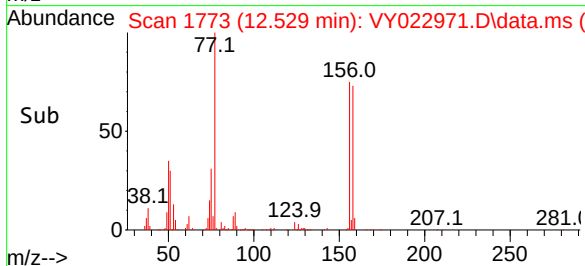
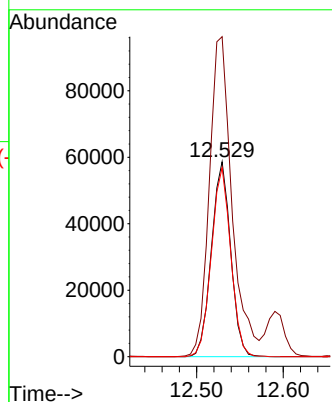
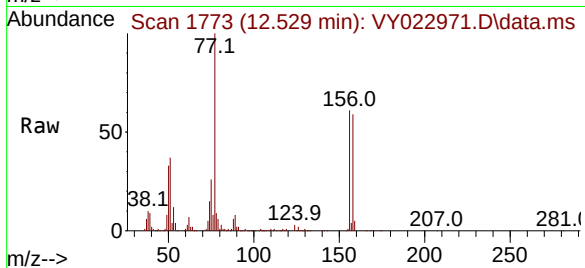
Tgt Ion:156 Resp: 90482

Ion Ratio Lower Upper

156 100

77 192.9 94.0 282.1

158 97.9 48.2 144.6



#78

n-propylbenzene

Concen: 21.652 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022971.D

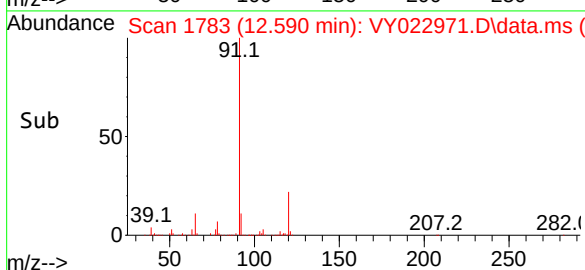
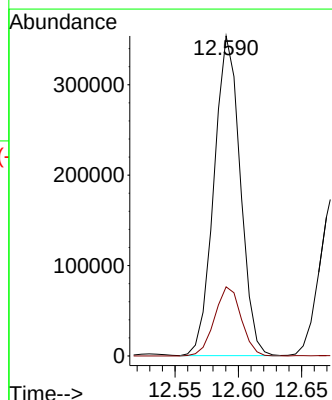
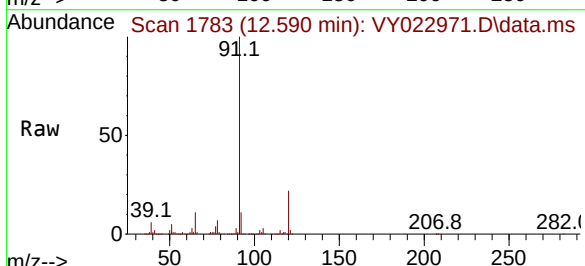
Acq: 08 Jul 2025 12:35

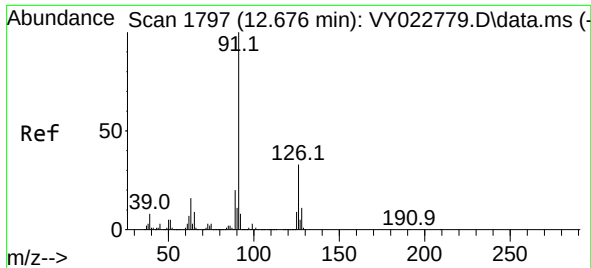
Tgt Ion: 91 Resp: 510379

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4

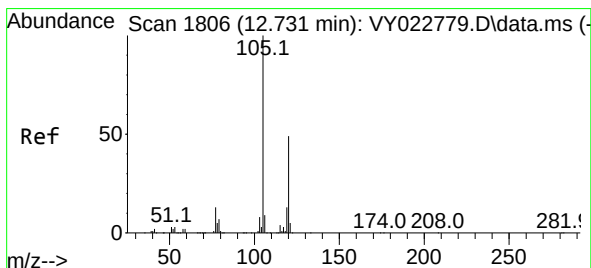
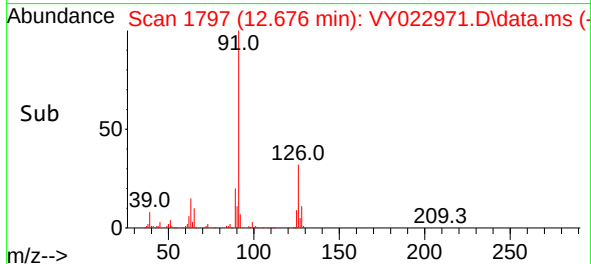
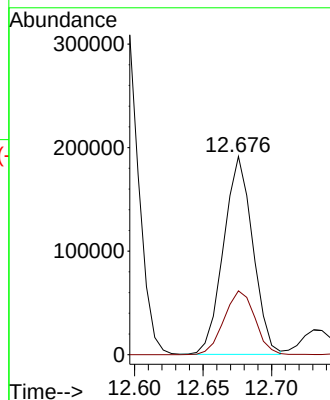
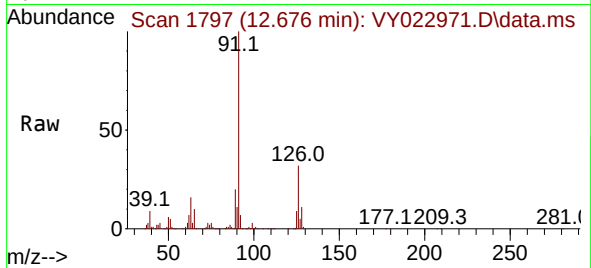




#79
2-Chlorotoluene
Concen: 21.360 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

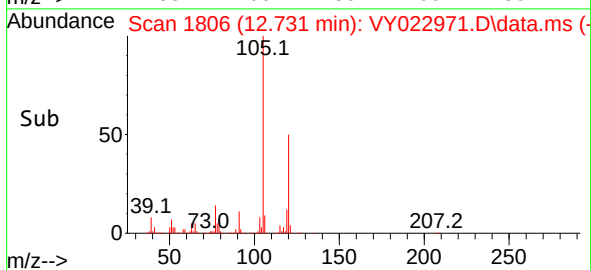
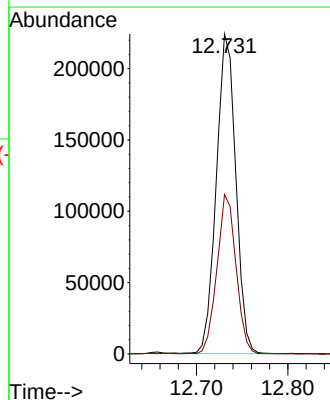
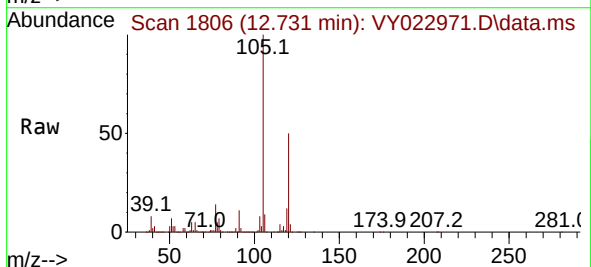
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

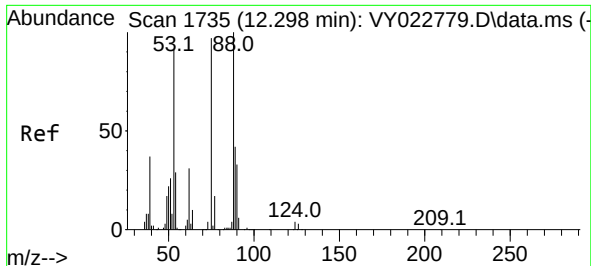
Tgt Ion: 91 Resp: 284468
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.078 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 105 Resp: 332200
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4

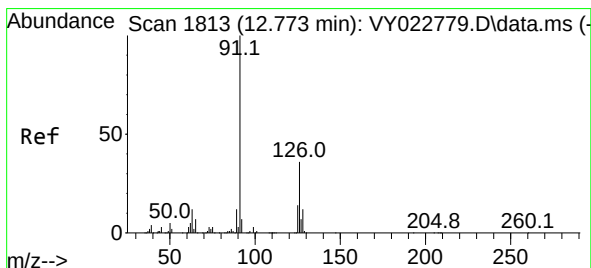
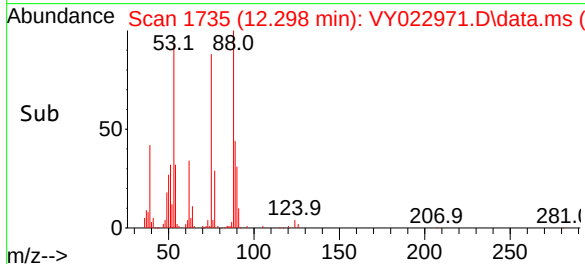
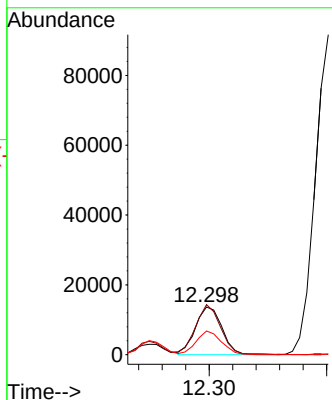
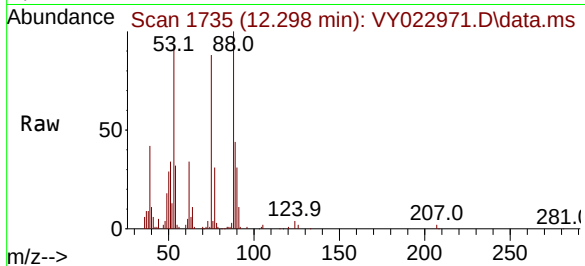




#81
trans-1,4-Dichloro-2-butene
Concen: 20.151 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

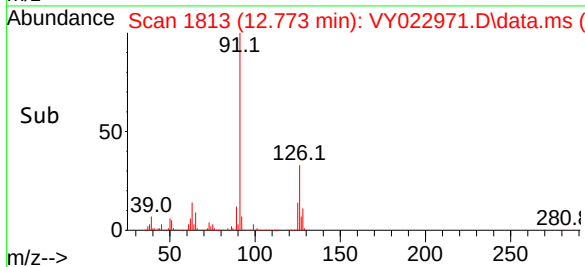
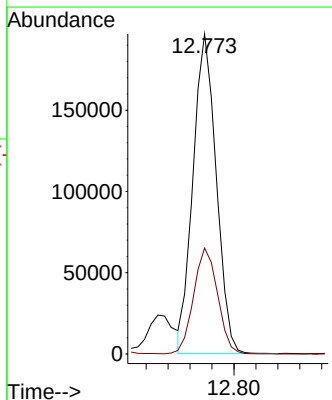
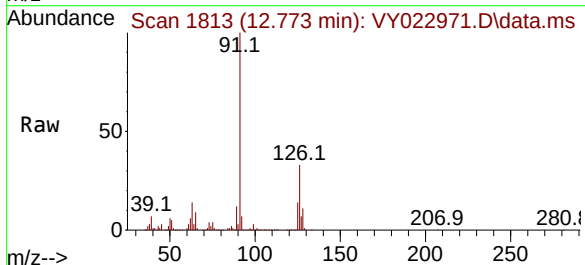
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

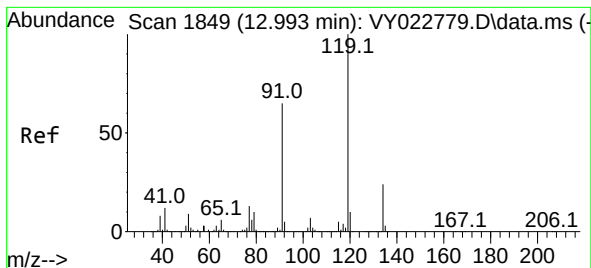
Tgt Ion: 75 Resp: 21496
Ion Ratio Lower Upper
75 100
53 100.8 78.5 117.7
89 47.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.679 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 91 Resp: 289271
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.651 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

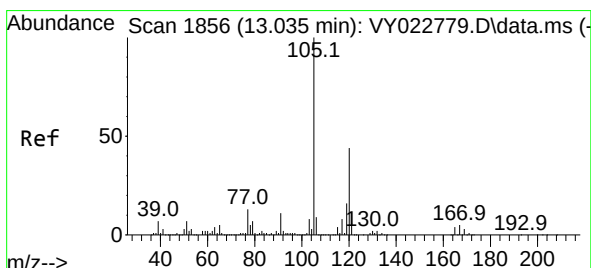
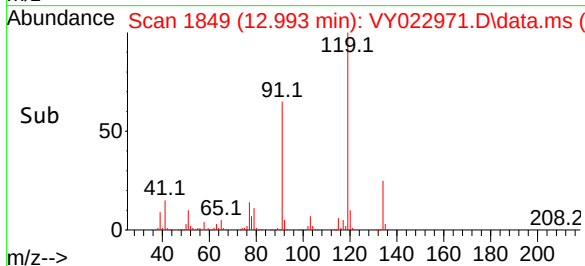
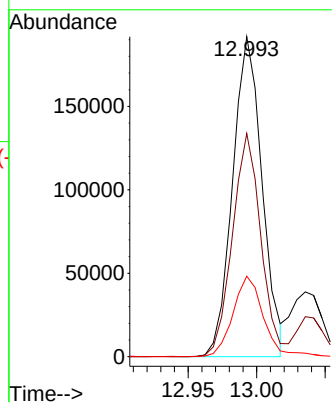
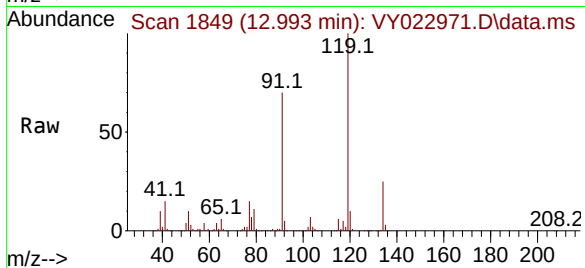
Tgt Ion:119 Resp: 287043

Ion Ratio Lower Upper

119 100

91 67.8 32.1 96.3

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.607 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022971.D

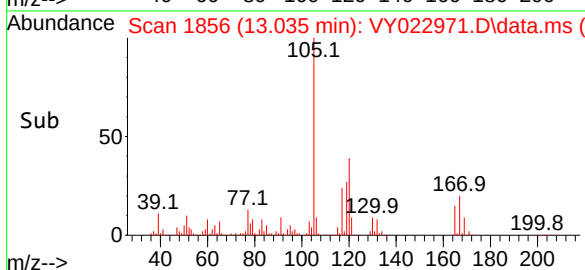
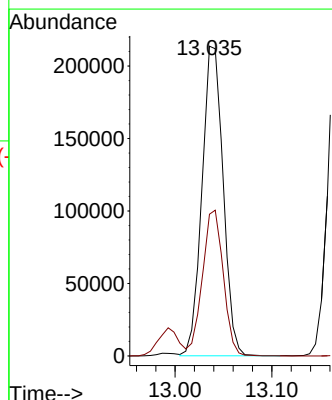
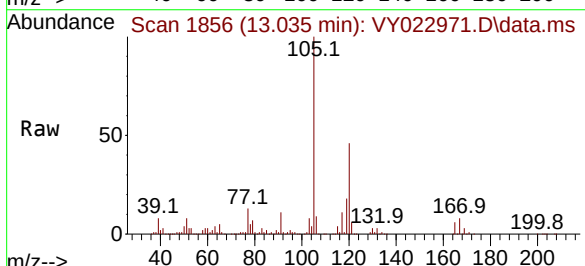
Acq: 08 Jul 2025 12:35

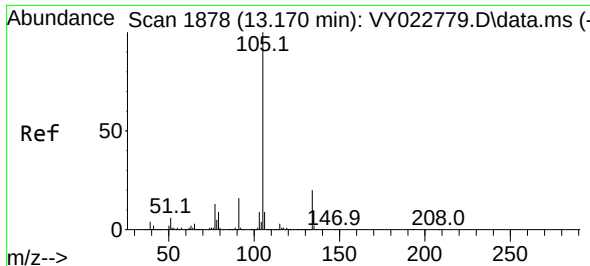
Tgt Ion:105 Resp: 325166

Ion Ratio Lower Upper

105 100

120 46.5 22.7 68.1

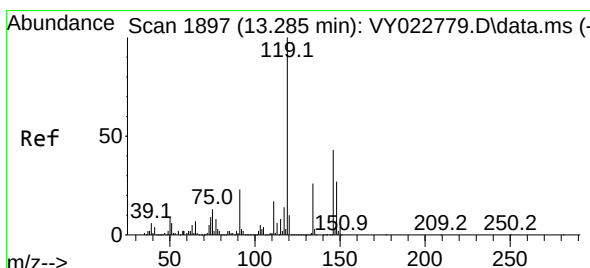
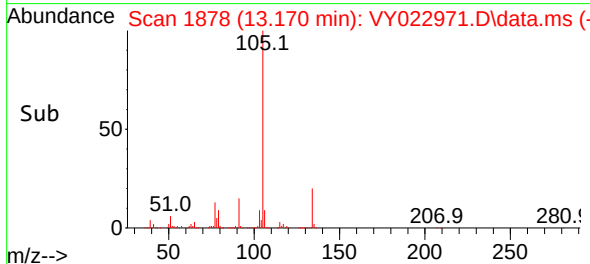
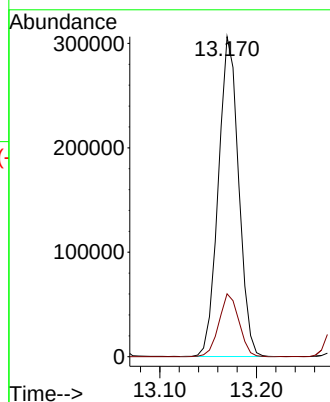
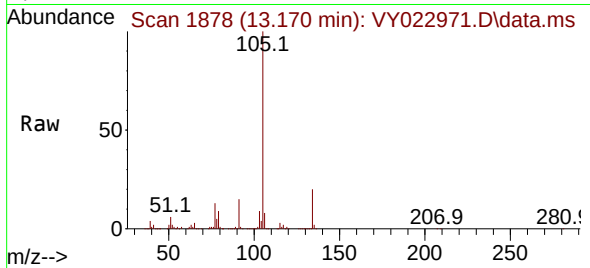




#85
 sec-Butylbenzene
 Concen: 21.310 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

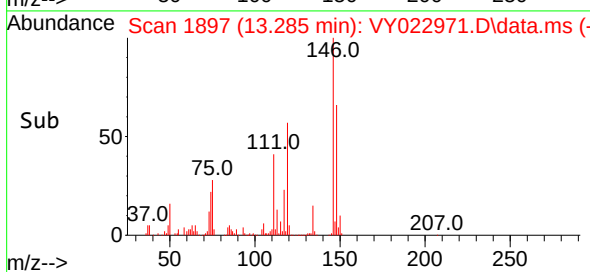
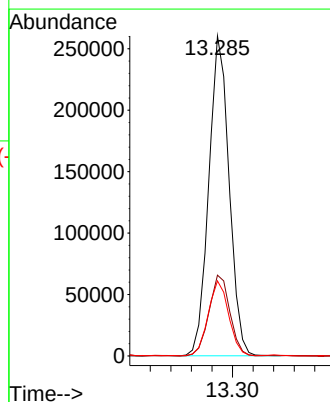
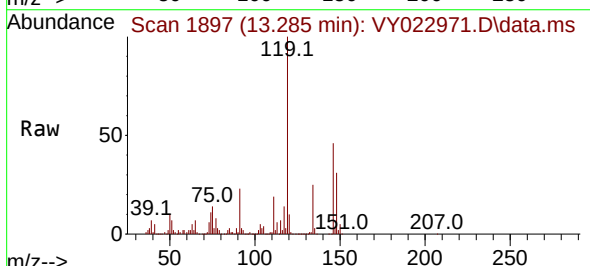
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

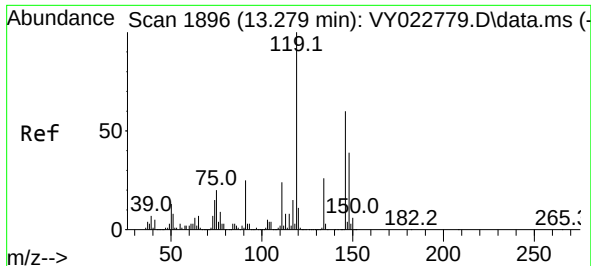
Tgt Ion:105 Resp: 445657
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.581 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

Tgt Ion:119 Resp: 358173
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.710 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

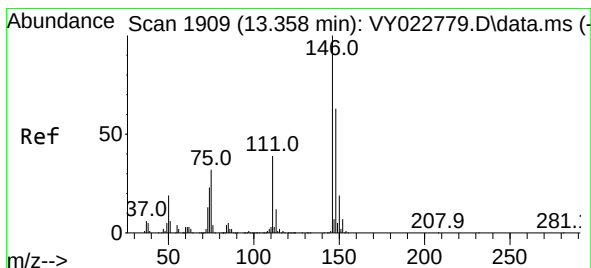
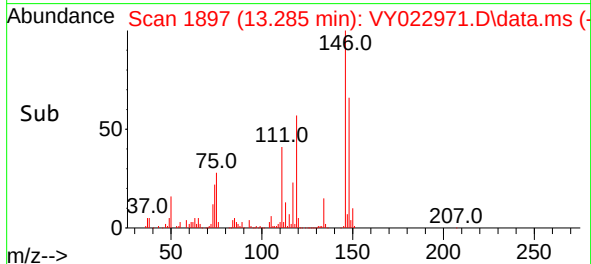
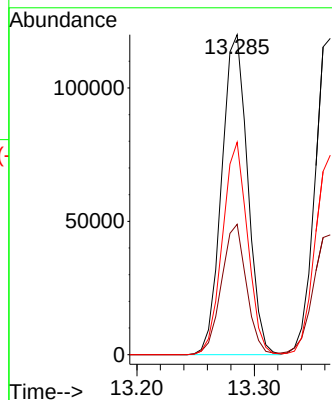
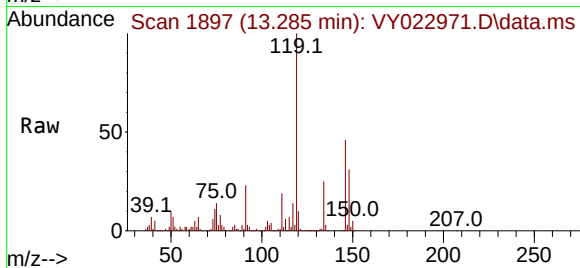
Tgt Ion:146 Resp: 184061

Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

148 64.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.577 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

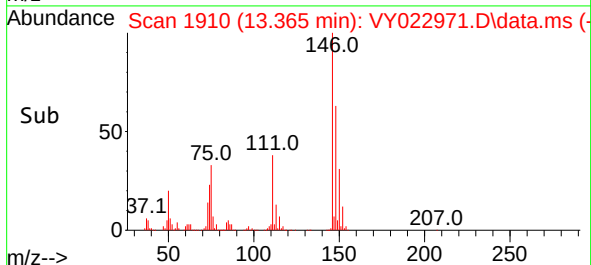
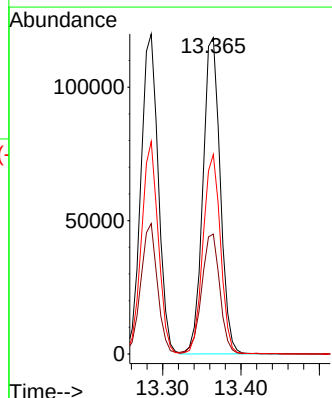
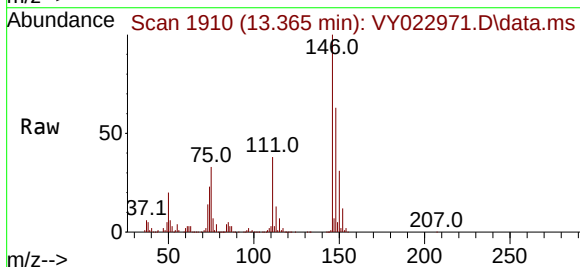
Tgt Ion:146 Resp: 181660

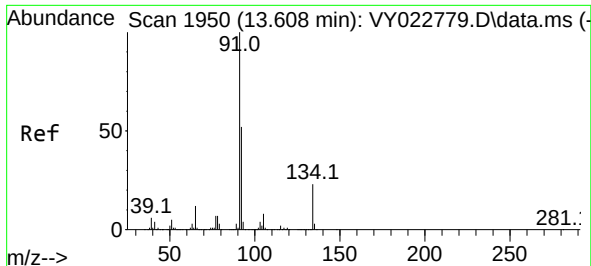
Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.4 31.6 94.8

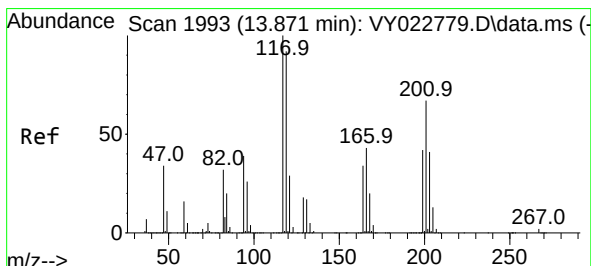
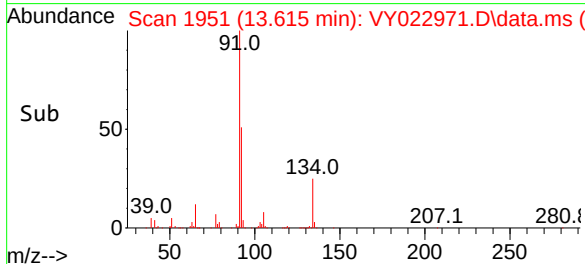
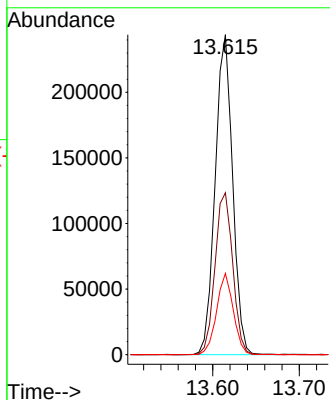
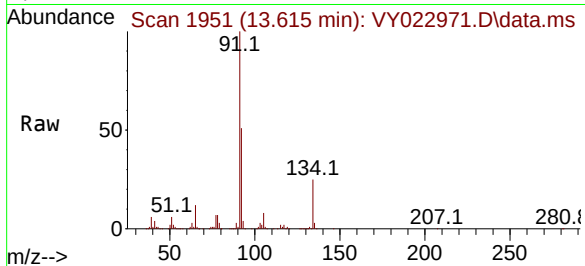




#89
n-Butylbenzene
Concen: 20.835 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

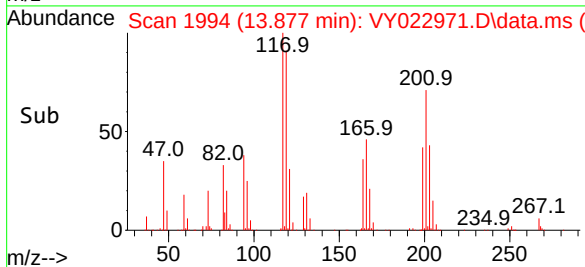
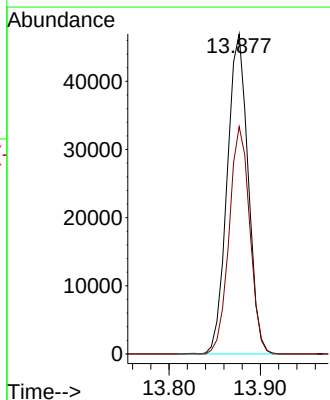
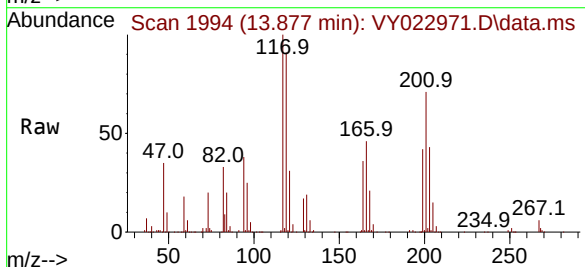
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

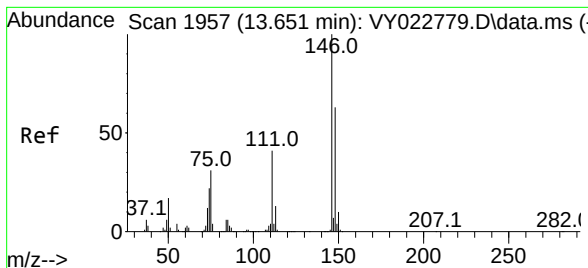
Tgt Ion: 91 Resp: 341068
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.8
134 24.5 12.0 36.1



#90
Hexachloroethane
Concen: 21.571 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022971.D
Acq: 08 Jul 2025 12:35

Tgt Ion: 117 Resp: 74771
Ion Ratio Lower Upper
117 100
201 69.9 34.0 102.0



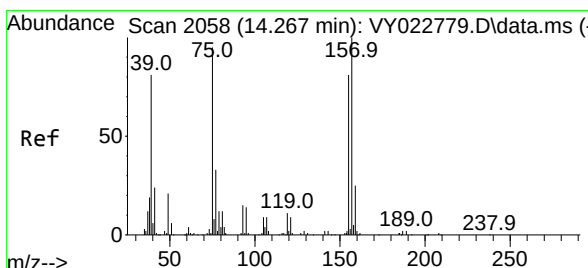
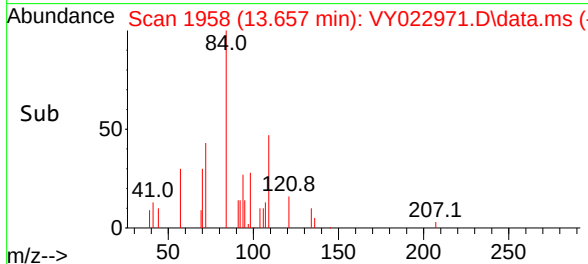
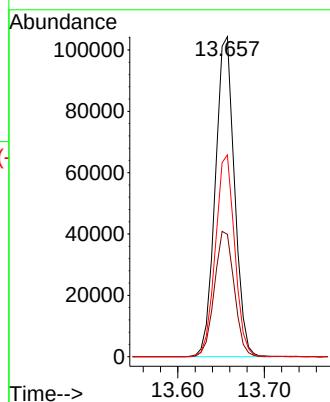
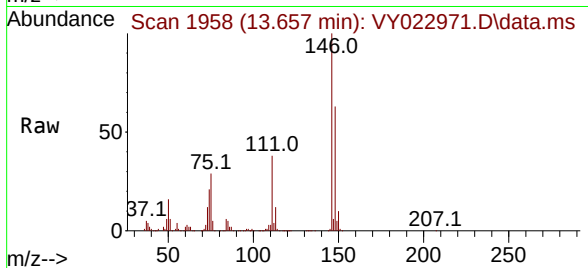


#91
 1,2-Dichlorobenzene
 Concen: 20.514 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

Tgt Ion:146 Resp: 160668

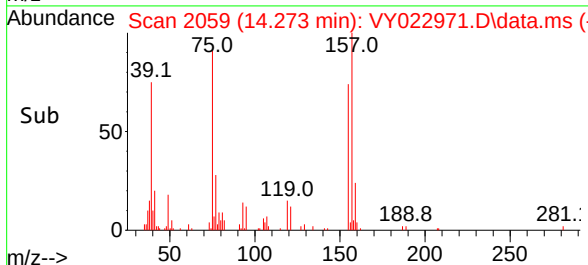
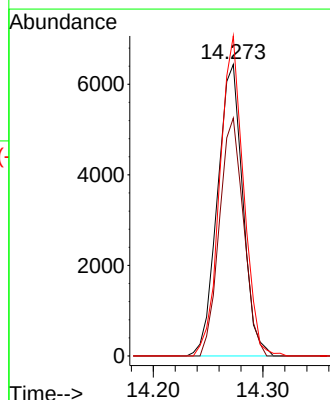
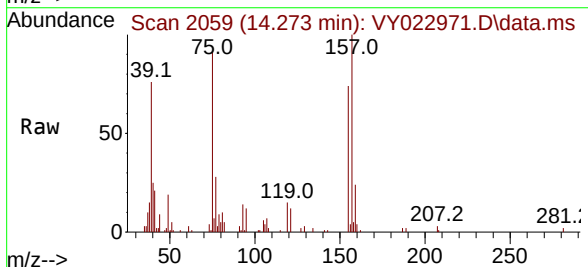
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	63.2	31.4	94.0

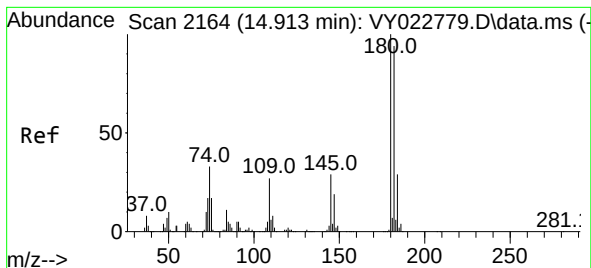


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.352 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022971.D
 Acq: 08 Jul 2025 12:35

Tgt Ion: 75 Resp: 10326

Ion	Ratio	Lower	Upper
75	100		
155	78.0	39.9	119.6
157	103.0	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.463 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

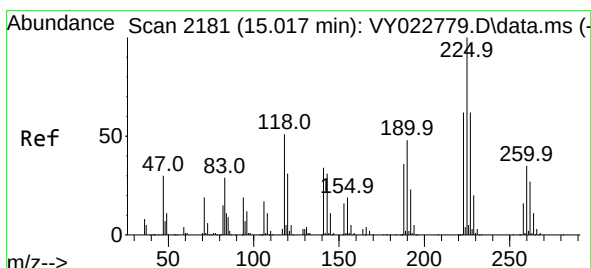
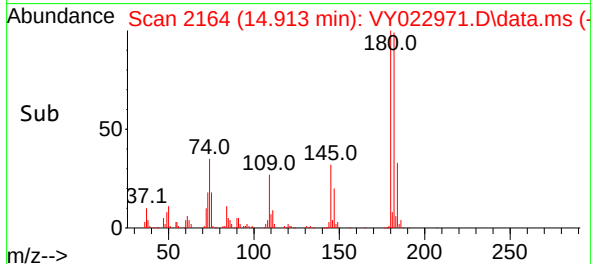
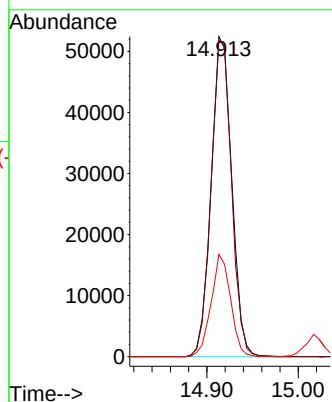
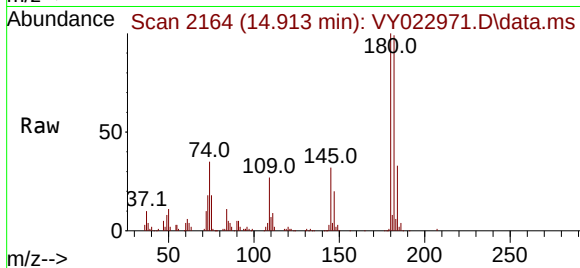
Tgt Ion:180 Resp: 81646

Ion Ratio Lower Upper

180 100

182 98.5 48.4 145.3

145 30.3 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.511 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

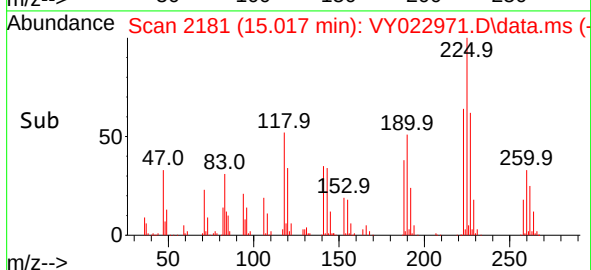
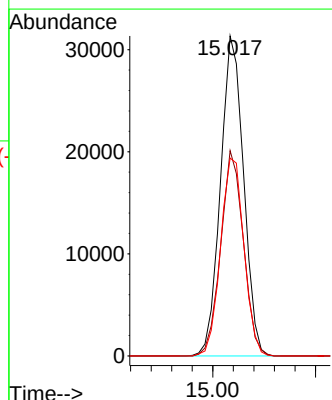
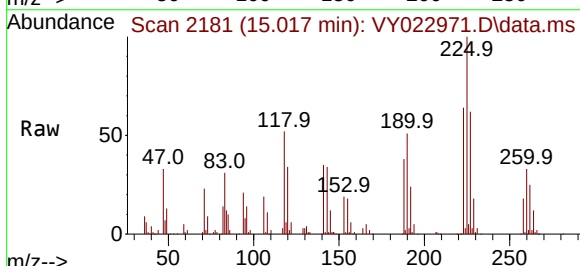
Tgt Ion:225 Resp: 48790

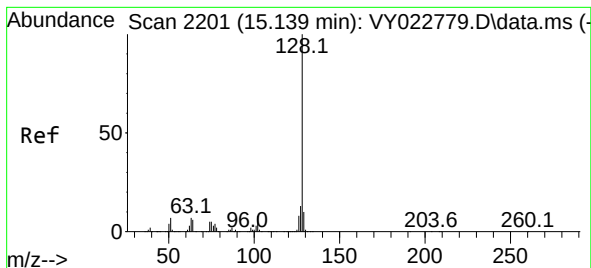
Ion Ratio Lower Upper

225 100

223 63.0 32.5 97.4

227 62.6 32.3 96.9





#95

Naphthalene

Concen: 17.117 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

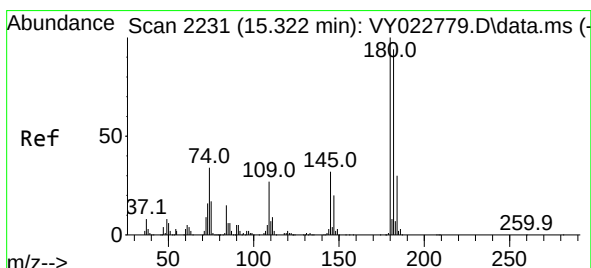
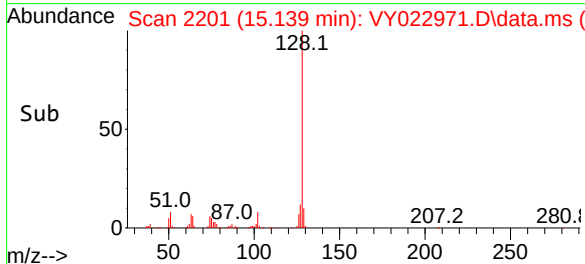
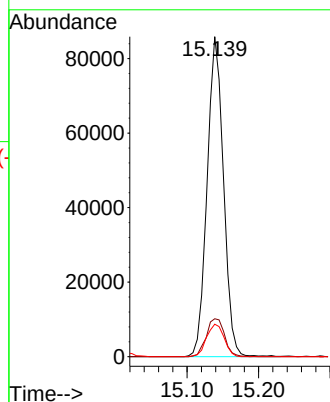
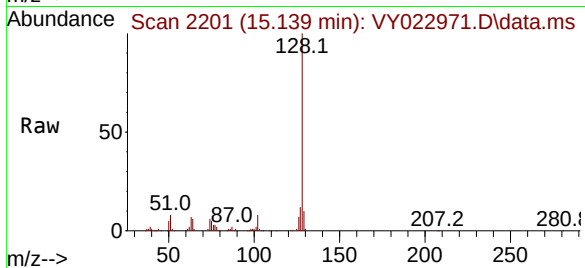
Tgt Ion:128 Resp: 136884

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.286 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022971.D

Acq: 08 Jul 2025 12:35

Tgt Ion:180 Resp: 69874

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 31.6 15.2 45.6

