

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
 Data File : VY022850.D
 Acq On : 26 Jun 2025 15:19
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 27 01:29:42 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	7.713	168	450546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	732368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	631508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	315611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	228512	45.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.880%
35) Dibromofluoromethane	7.634	113	216734	48.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.109	98	901210	50.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.402	95	285266	50.209	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	172431	44.756	ug/l	99
3) Chloromethane	2.068	50	295172	40.123	ug/l	100
4) Vinyl Chloride	2.202	62	395462	43.027	ug/l	99
5) Bromomethane	2.598	94	305992	42.348	ug/l	97
6) Chloroethane	2.739	64	269898	43.686	ug/l	94
7) Trichlorofluoromethane	3.056	101	438724	43.109	ug/l	100
8) Diethyl Ether	3.452	74	112871	44.905	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	223359	48.025	ug/l	98
10) Methyl Iodide	4.007	142	268577	53.040	ug/l	99
11) Tert butyl alcohol	4.866	59	60187	180.005	ug/l	99
12) 1,1-Dichloroethene	3.787	96	220539	48.360	ug/l	97
13) Acrolein	3.653	56	69886	154.138	ug/l	100
14) Allyl chloride	4.385	41	329488	46.973	ug/l	96
15) Acrylonitrile	5.055	53	219751	209.539	ug/l	99
16) Acetone	3.873	43	259056	272.566	ug/l	99
17) Carbon Disulfide	4.104	76	695540	47.212	ug/l	98
18) Methyl Acetate	4.385	43	111662	35.476	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	550449	44.329	ug/l	97
20) Methylene Chloride	4.616	84	260524	43.404	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	246056	47.209	ug/l	96
22) Diisopropyl ether	6.019	45	729914	46.856	ug/l	99
23) Vinyl Acetate	5.964	43	1955357	227.279	ug/l	98
24) 1,1-Dichloroethane	5.915	63	447655	47.576	ug/l	99
25) 2-Butanone	6.896	43	314343	227.244	ug/l	100
26) 2,2-Dichloropropane	6.884	77	396600	50.283	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	288558	47.645	ug/l	100
28) Bromochloromethane	7.244	49	183042	46.272	ug/l	91
29) Tetrahydrofuran	7.262	42	176280	201.816	ug/l	99
30) Chloroform	7.421	83	454709	46.919	ug/l	92
31) Cyclohexane	7.701	56	399745	46.282	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	402982	48.118	ug/l	99
36) 1,1-Dichloropropene	7.835	75	335816	49.743	ug/l	99
37) Ethyl Acetate	6.988	43	124408	42.705	ug/l	98
38) Carbon Tetrachloride	7.823	117	355682	49.932	ug/l	99
39) Methylcyclohexane	9.110	83	448667	51.355	ug/l	98
40) Benzene	8.079	78	1025028	49.384	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	70728	39.437	ug/l	98
42) 1,2-Dichloroethane	8.158	62	266331	46.825	ug/l	99
43) Isopropyl Acetate	8.201	43	261241	43.147	ug/l	99
44) Trichloroethene	8.866	130	259098	49.718	ug/l	99
45) 1,2-Dichloropropane	9.140	63	235928	48.566	ug/l	97
46) Dibromomethane	9.231	93	125451	45.491	ug/l	97
47) Bromodichloromethane	9.427	83	341212	47.982	ug/l	99
48) Methyl methacrylate	9.219	41	128778	44.243	ug/l	95
49) 1,4-Dioxane	9.231	88	27047	830.146	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	664714	216.038	ug/l	96
52) Toluene	10.170	92	656113	50.105	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	301980	47.198	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	364109	49.080	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	164240	45.994	ug/l	97
56) Ethyl methacrylate	10.439	69	218194	45.417	ug/l	96
57) 1,3-Dichloropropane	10.719	76	289036	46.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	546795	218.642	ug/l	99
59) 2-Hexanone	10.762	43	472731	225.985	ug/l	96
60) Dibromochloromethane	10.914	129	214012	46.399	ug/l	100
61) 1,2-Dibromoethane	11.018	107	153167	45.837	ug/l	96
64) Tetrachloroethene	10.646	164	302468	50.700	ug/l	98
65) Chlorobenzene	11.444	112	685507	49.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	231194	49.191	ug/l	99
67) Ethyl Benzene	11.518	91	1258110	51.603	ug/l	98
68) m/p-Xylenes	11.627	106	976897	103.654	ug/l	100
69) o-Xylene	11.957	106	450708	50.753	ug/l	99
70) Styrene	11.969	104	758439	50.988	ug/l	100
71) Bromoform	12.133	173	116229	44.413	ug/l #	97
73) Isopropylbenzene	12.255	105	1198297	51.338	ug/l	99
74) N-amyl acetate	12.066	43	241033	46.005	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	160524	42.671	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	238769	74.103	ug/l #	100
77) Bromobenzene	12.530	156	254649	48.131	ug/l	98
78) n-propylbenzene	12.591	91	1462280	51.888	ug/l	98
79) 2-Chlorotoluene	12.676	91	800718	50.289	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	963130	51.114	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	56748	44.495	ug/l	98
82) 4-Chlorotoluene	12.773	91	829191	49.579	ug/l	99
83) tert-Butylbenzene	12.993	119	858272	51.648	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	960333	50.905	ug/l	99
85) sec-Butylbenzene	13.176	105	1312255	52.484	ug/l	100
86) p-Isopropyltoluene	13.292	119	1092705	52.517	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	522422	49.166	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	510036	48.322	ug/l	99
89) n-Butylbenzene	13.615	91	1031016	52.679	ug/l	99
90) Hexachloroethane	13.877	117	203675	49.148	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	441645	47.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26187	41.049	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	235250	44.497	ug/l	98
94) Hexachlorobutadiene	15.023	225	138338	46.272	ug/l	98
95) Naphthalene	15.139	128	397749	41.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	193533	42.362	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

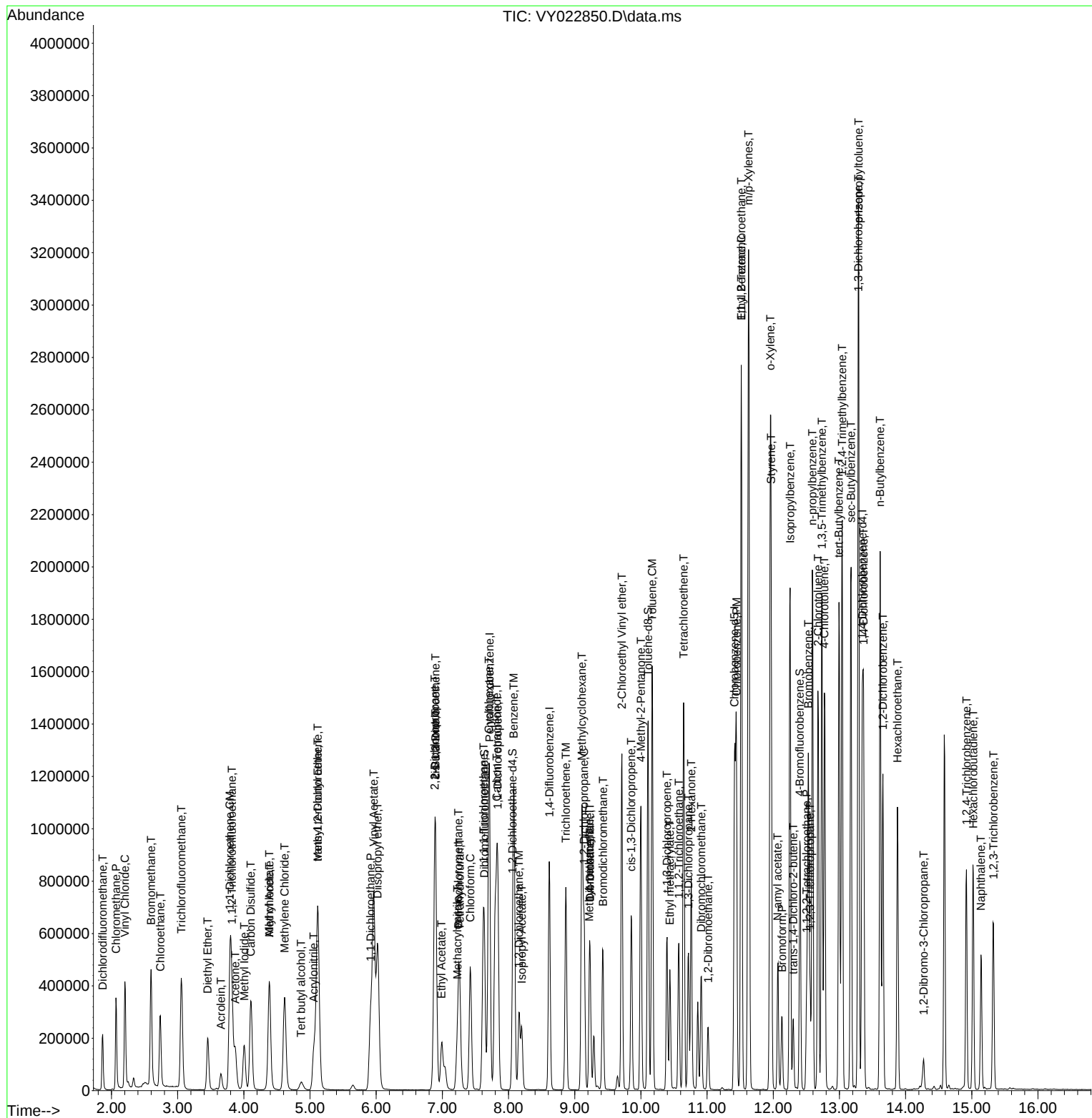
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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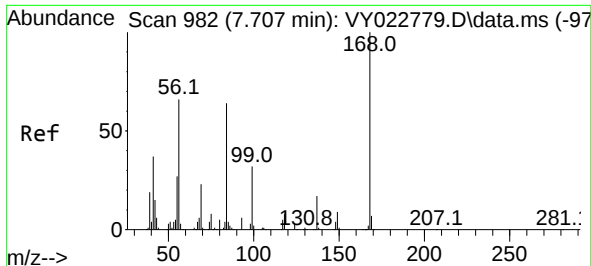
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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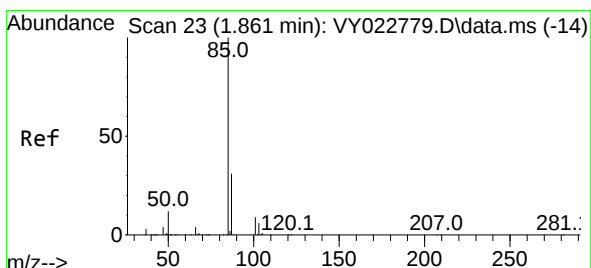
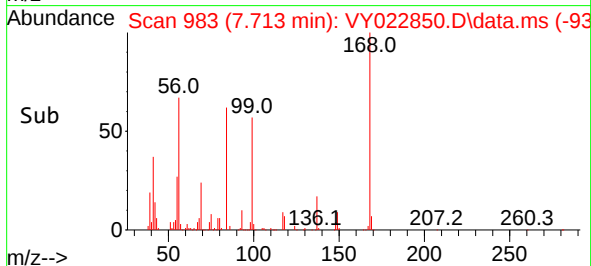
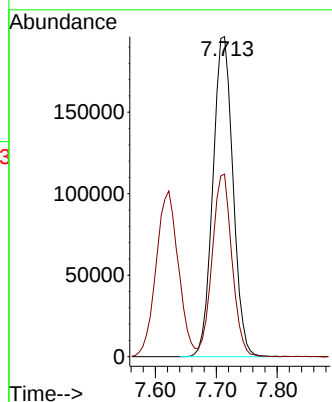
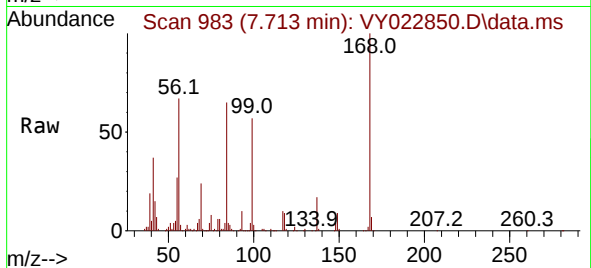




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022850.D
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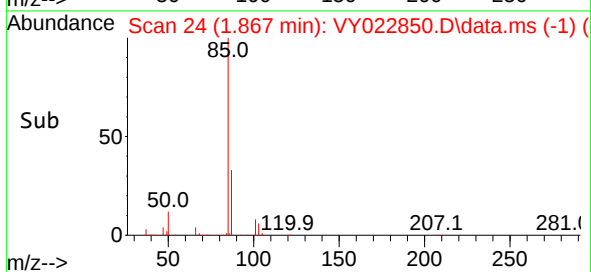
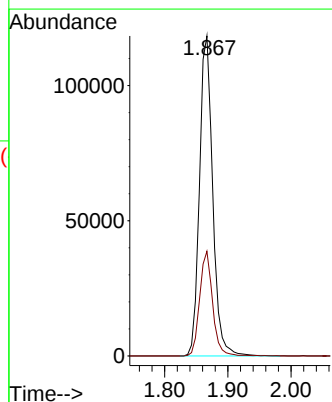
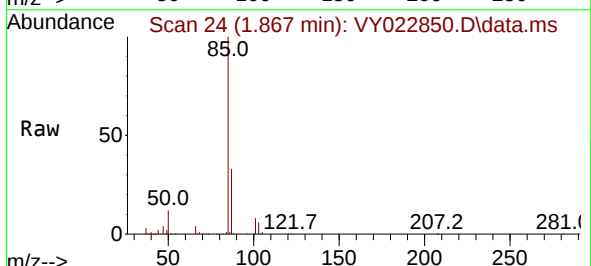
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

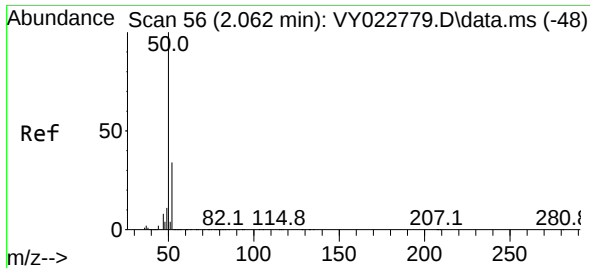
Tgt Ion:168 Resp: 450546
Ion Ratio Lower Upper
168 100
99 57.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.756 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 85 Resp: 172431
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0

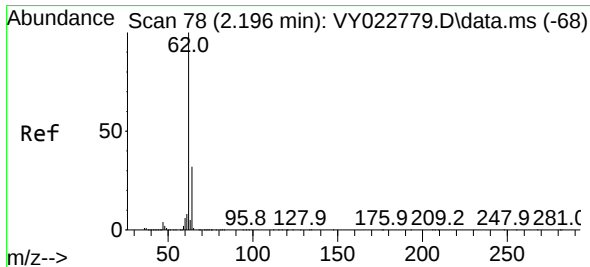
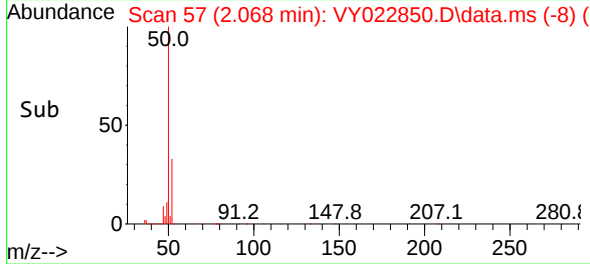
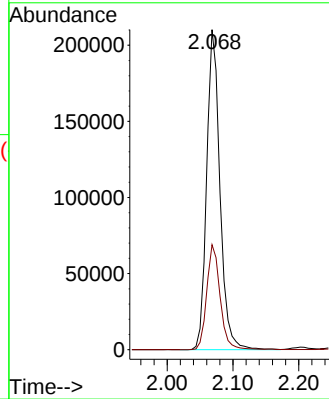
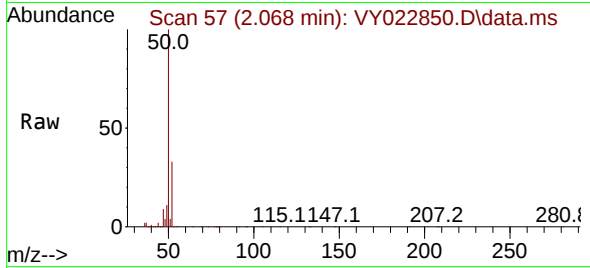




#3
Chloromethane
Concen: 40.123 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

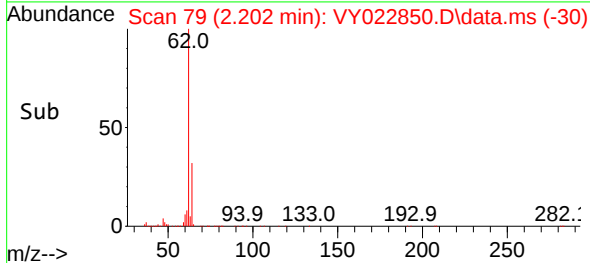
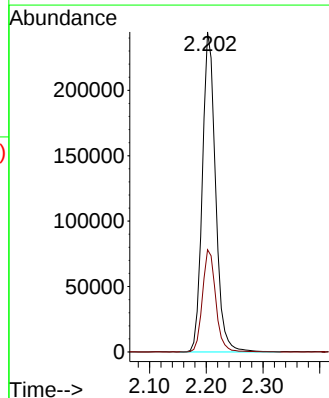
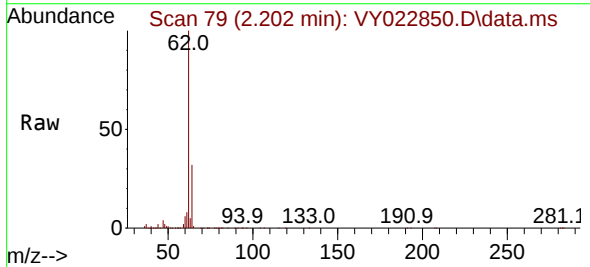
Instrument :
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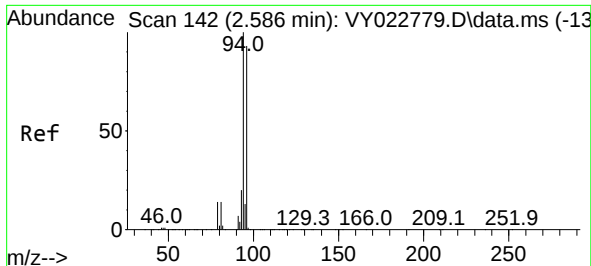
Tgt Ion: 50 Resp: 295172
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 43.027 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 62 Resp: 395462
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9

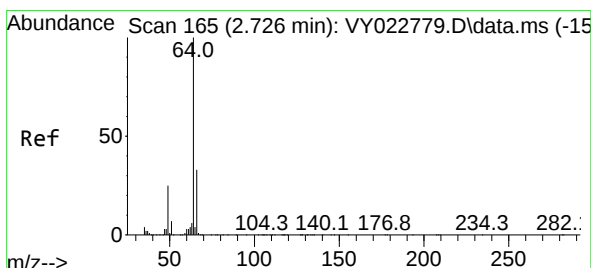
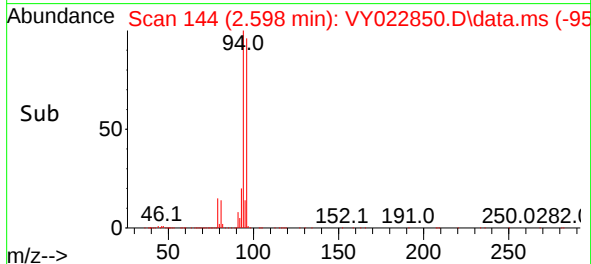
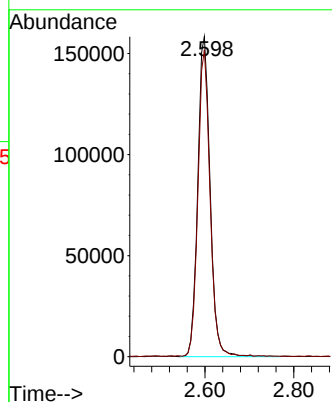
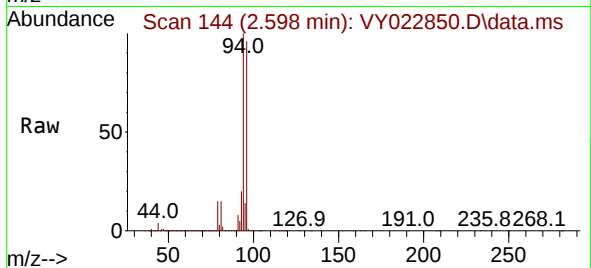




#5
Bromomethane
Concen: 42.348 ug/l
RT: 2.598 min Scan# 141
Delta R.T. -0.000 min
Lab File: VY022850.D
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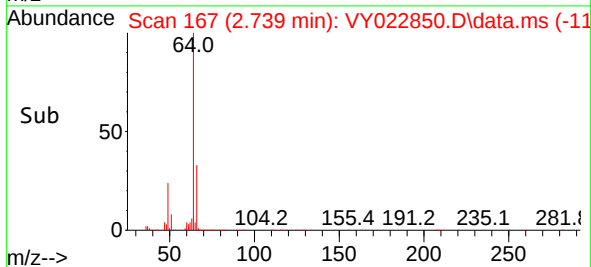
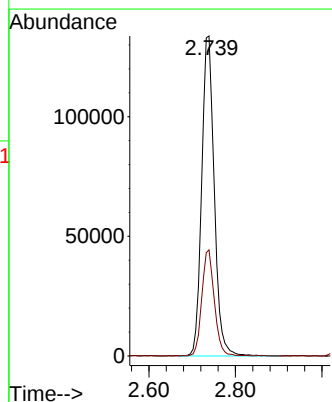
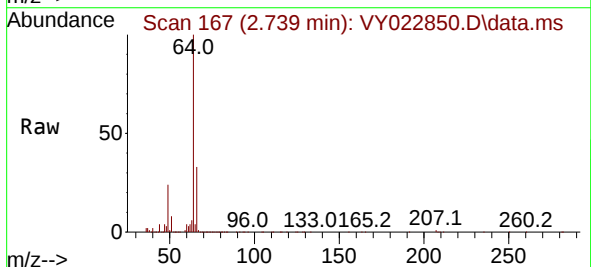
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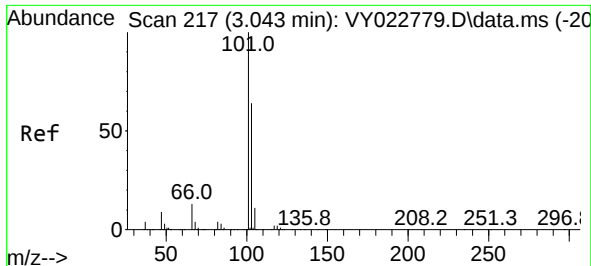
Tgt Ion: 94 Resp: 305992
Ion Ratio Lower Upper
94 100
96 95.8 74.0 111.0



#6
Chloroethane
Concen: 43.686 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 269898
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.6

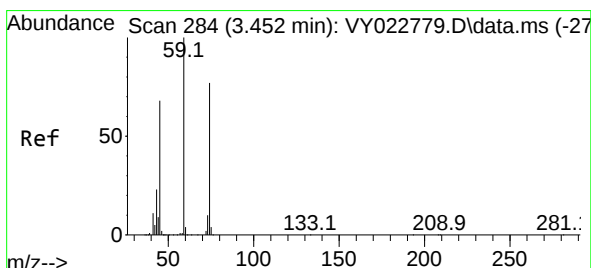
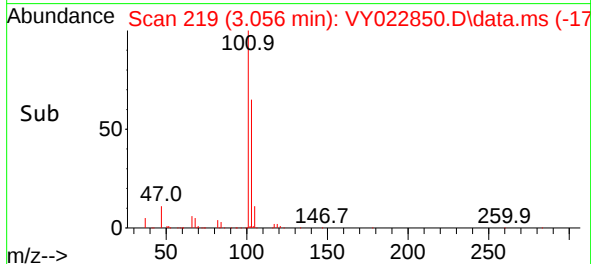
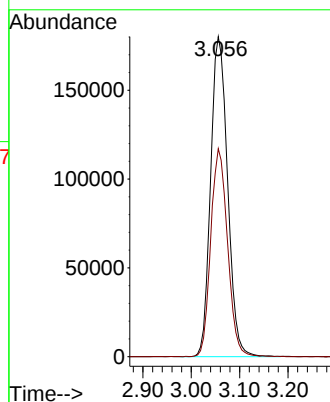
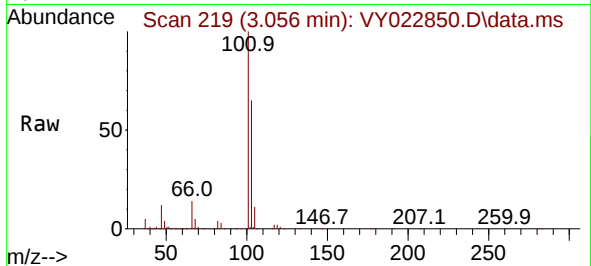




#7
Trichlorofluoromethane
Concen: 43.109 ug/l
RT: 3.056 min Scan# 217
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

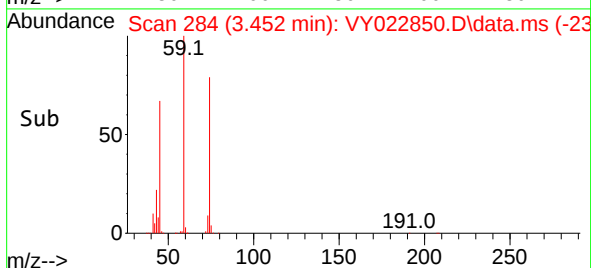
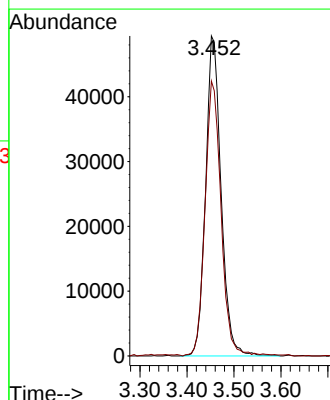
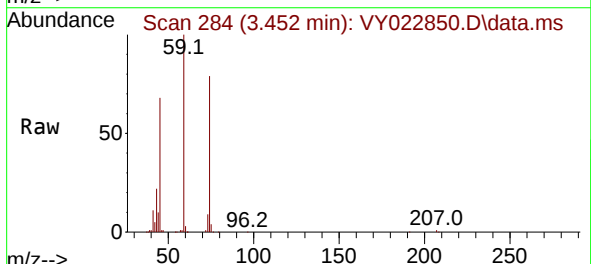
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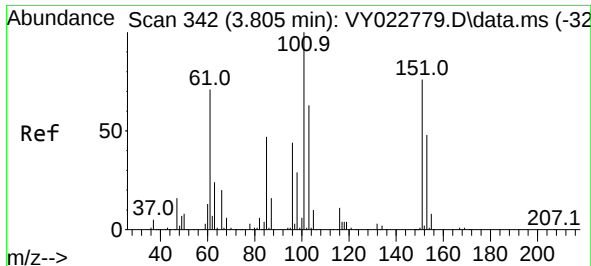
Tgt Ion:101 Resp: 438724
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2



#8
Diethyl Ether
Concen: 44.905 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022850.D
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Tgt Ion: 74 Resp: 112871
Ion Ratio Lower Upper
74 100
45 88.6 45.9 137.6

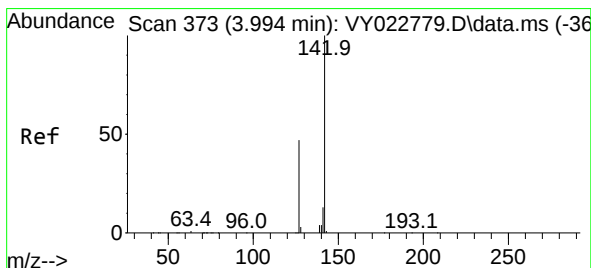
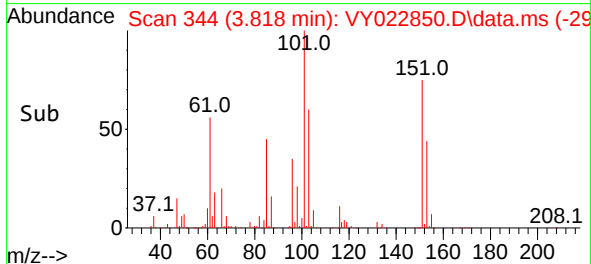
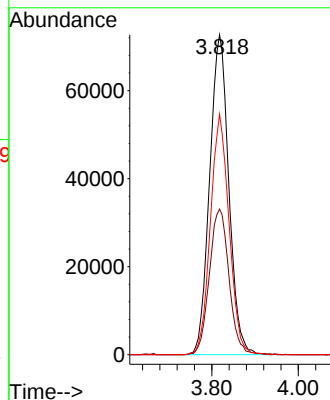
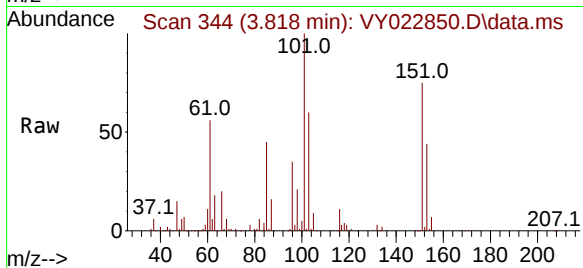




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.025 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

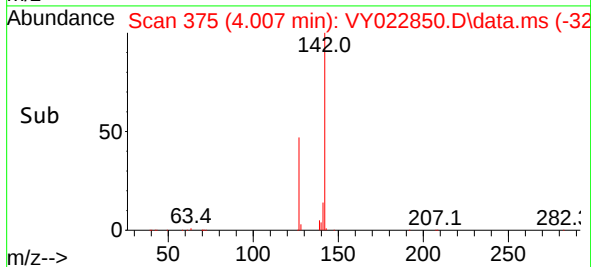
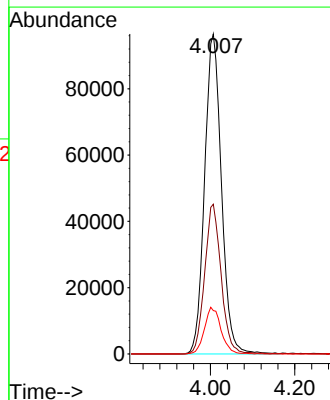
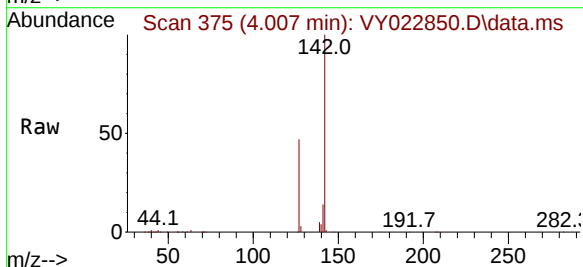
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

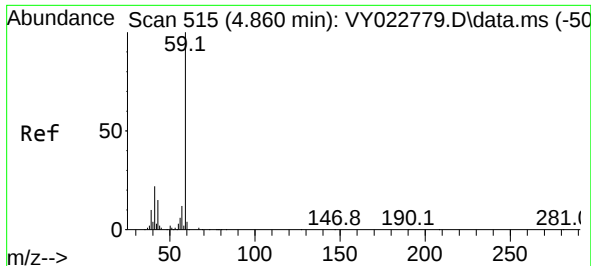
Tgt Ion:101 Resp: 223359
Ion Ratio Lower Upper
101 100
85 46.6 39.3 58.9
151 73.3 57.8 86.8



#10
Methyl Iodide
Concen: 53.040 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion:142 Resp: 268577
Ion Ratio Lower Upper
142 100
127 45.7 37.1 55.7
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 180.005 ug/l

RT: 4.866 min Scan# 515

Delta R.T. -0.018 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

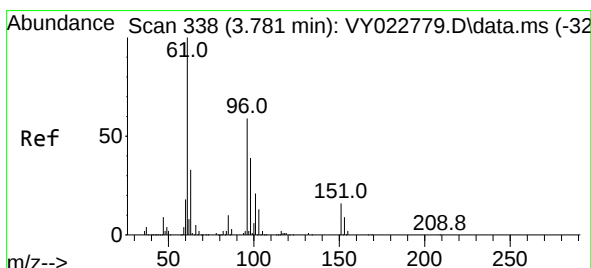
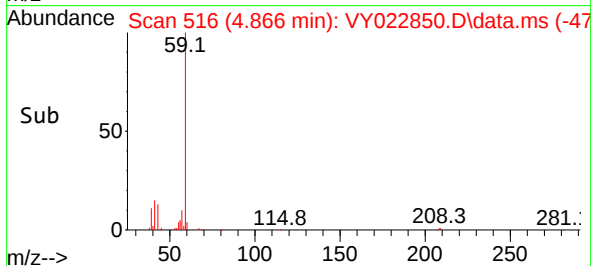
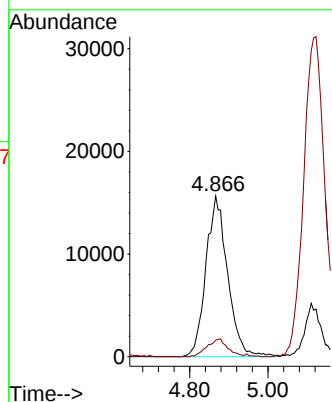
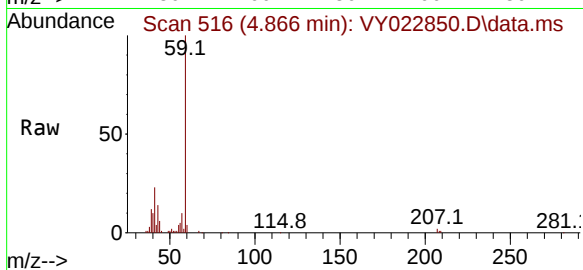
VSTDCCC050EC

Tgt Ion: 59 Resp: 60187

Ion Ratio Lower Upper

59 100

57 10.5 8.0 12.0



#12

1,1-Dichloroethene

Concen: 48.360 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

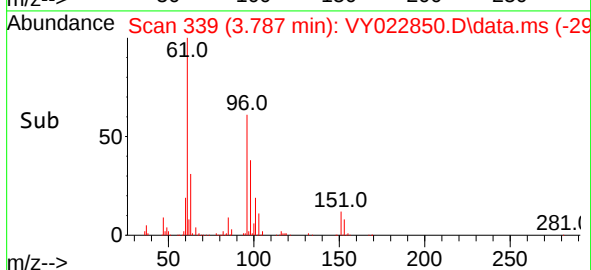
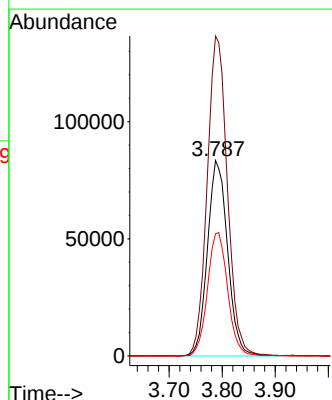
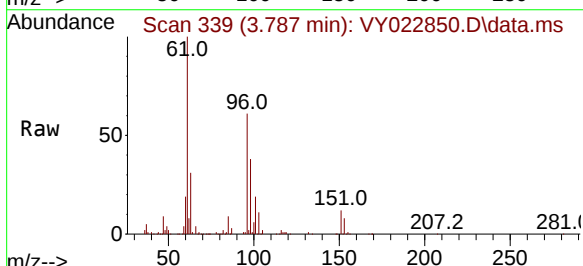
Tgt Ion: 96 Resp: 220539

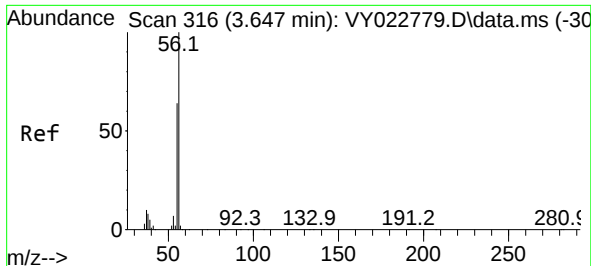
Ion Ratio Lower Upper

96 100

61 163.7 134.6 201.8

98 62.5 50.2 75.4

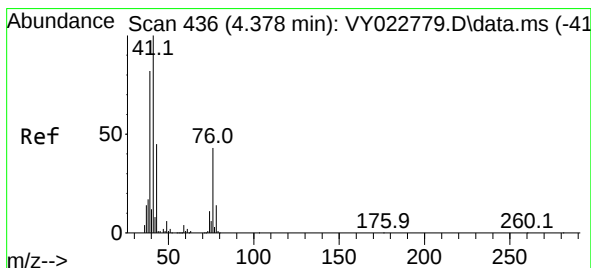
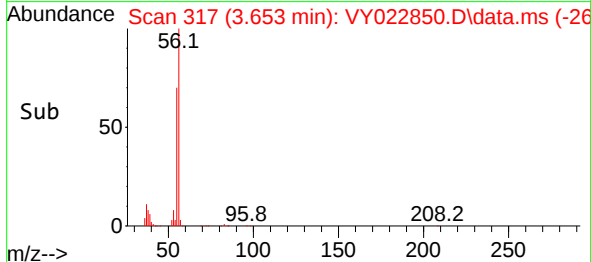
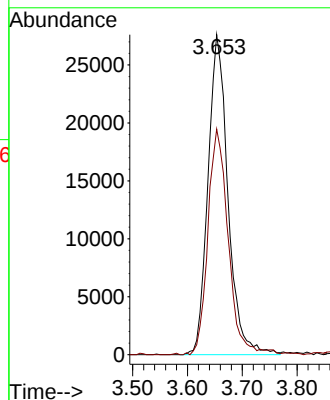
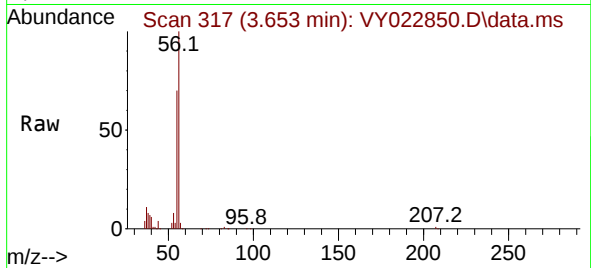




#13
Acrolein
Concen: 154.138 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

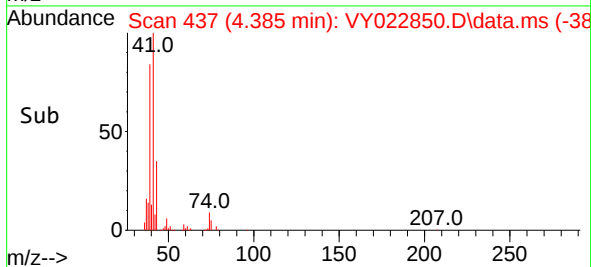
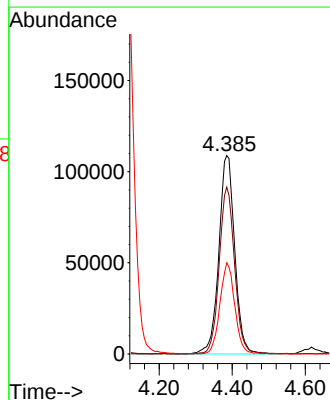
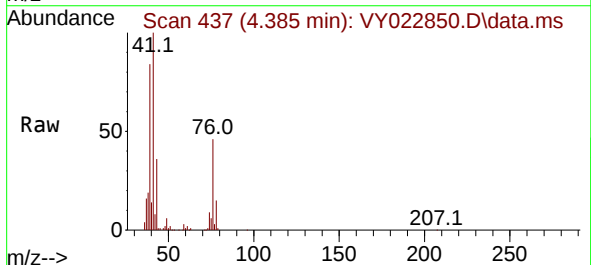
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

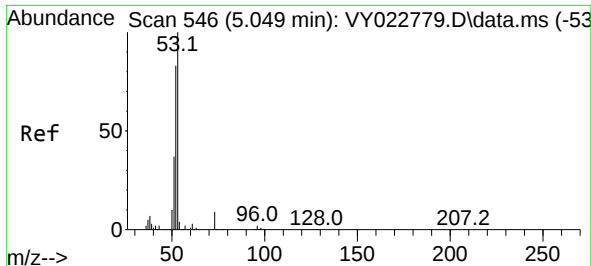
Tgt Ion: 56 Resp: 69886
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.6



#14
Allyl chloride
Concen: 46.973 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 41 Resp: 329488
Ion Ratio Lower Upper
41 100
39 81.6 69.1 103.7
76 42.6 33.5 50.3

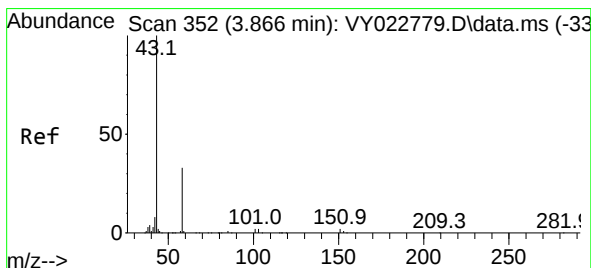
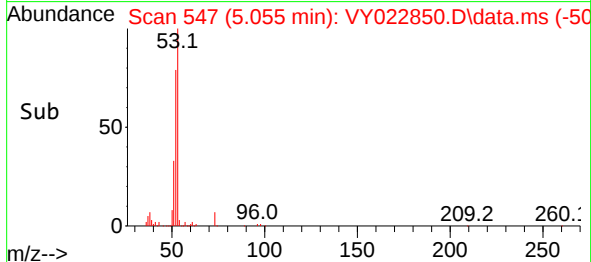
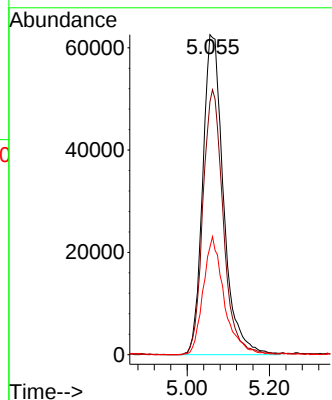
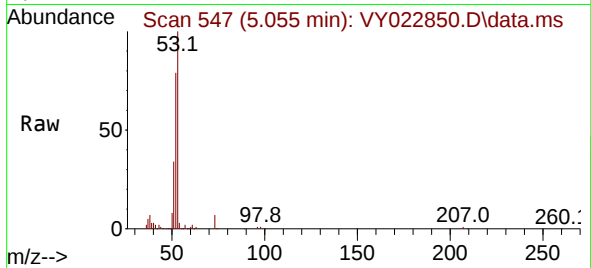




#15
Acrylonitrile
Concen: 209.539 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

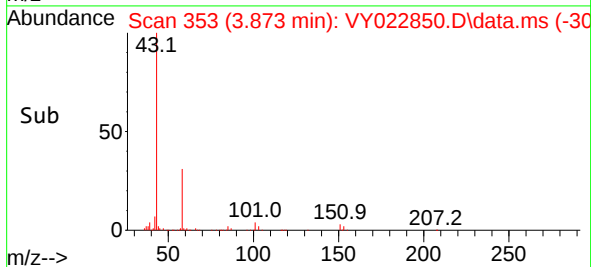
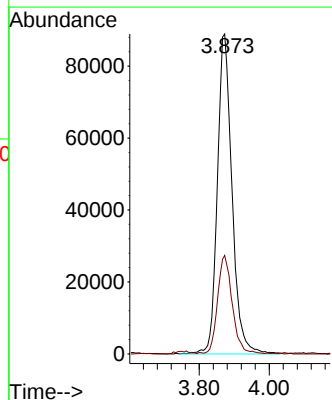
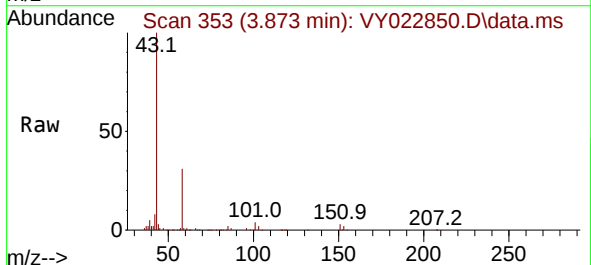
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

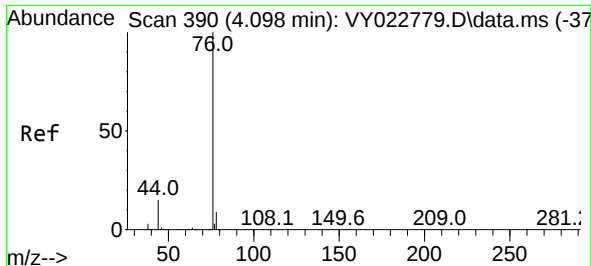
Tgt Ion: 53 Resp: 219751
Ion Ratio Lower Upper
53 100
52 80.9 65.7 98.5
51 37.4 30.1 45.1



#16
Acetone
Concen: 272.566 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 43 Resp: 259056
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0

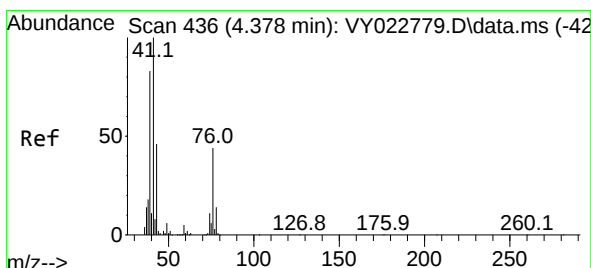
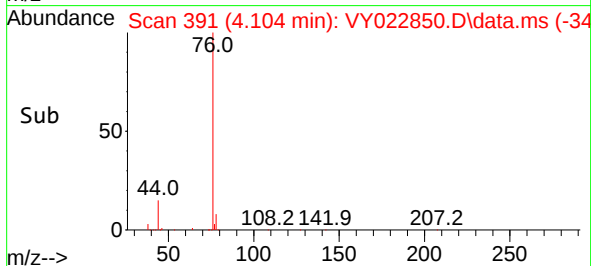
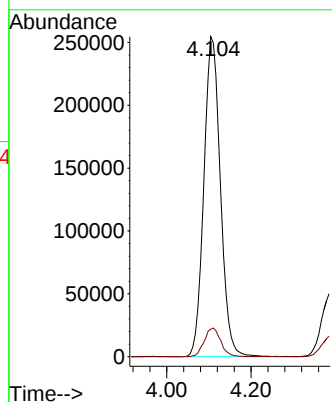
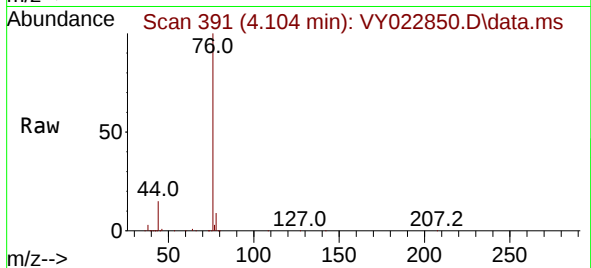




#17
Carbon Disulfide
Concen: 47.212 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

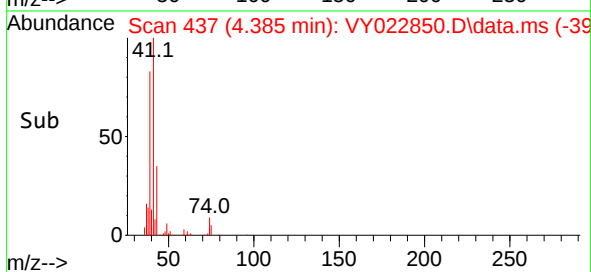
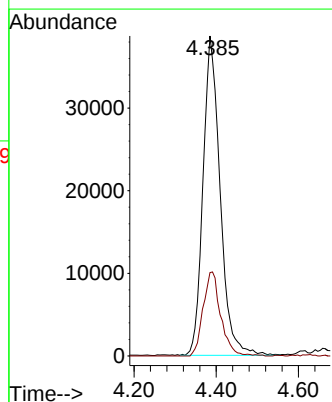
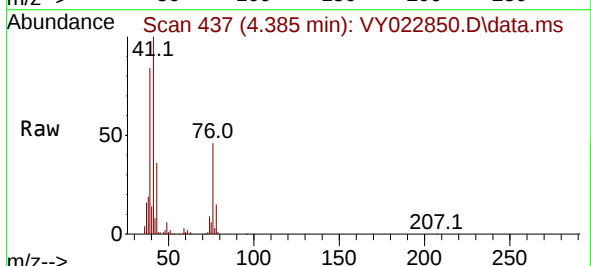
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

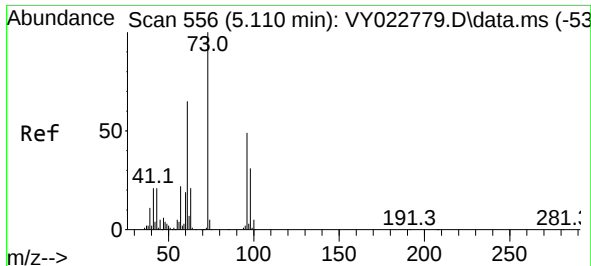
Tgt Ion: 76 Resp: 695540
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 35.476 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 43 Resp: 111662
Ion Ratio Lower Upper
43 100
74 27.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 44.329 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

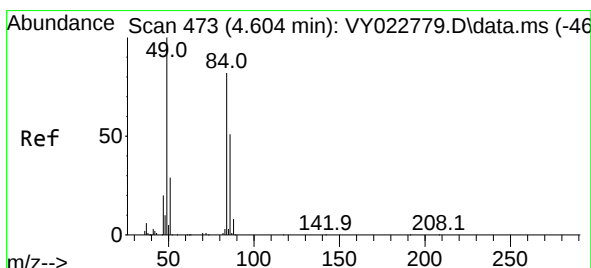
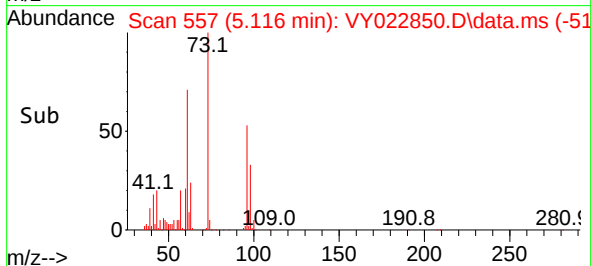
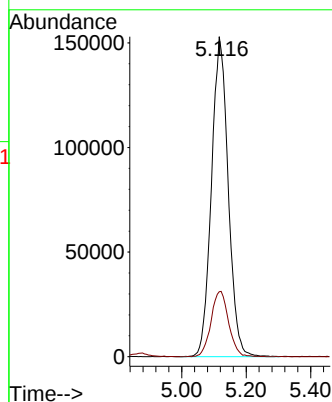
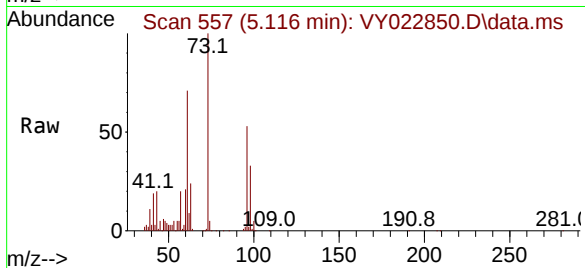
VSTDCCC050EC

Tgt Ion: 73 Resp: 550449

Ion Ratio Lower Upper

73 100

57 20.3 17.4 26.0



#20

Methylene Chloride

Concen: 43.404 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Tgt Ion: 84 Resp: 260524

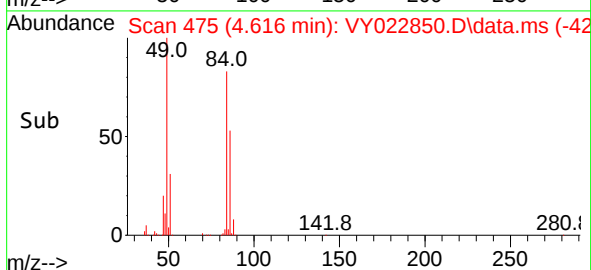
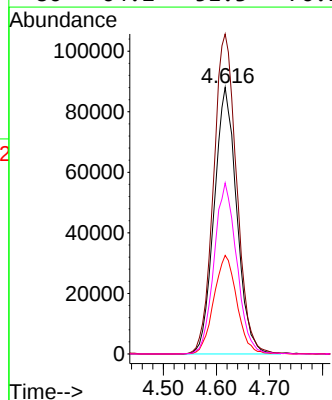
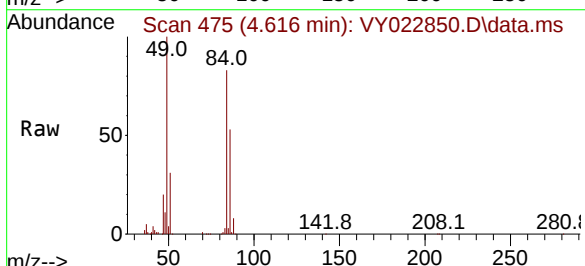
Ion Ratio Lower Upper

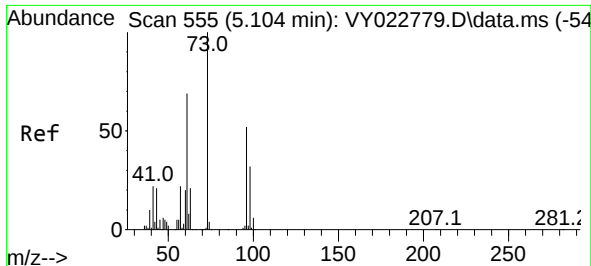
84 100

49 120.1 101.9 152.9

51 37.0 29.8 44.8

86 64.2 51.3 76.9

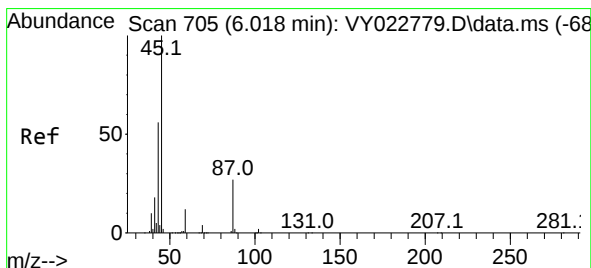
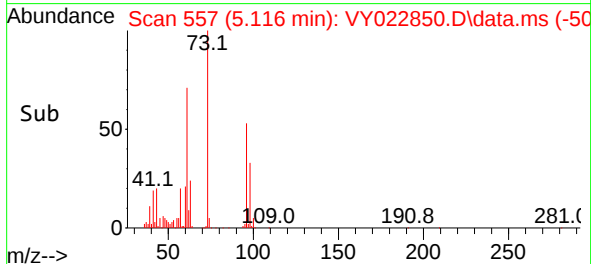
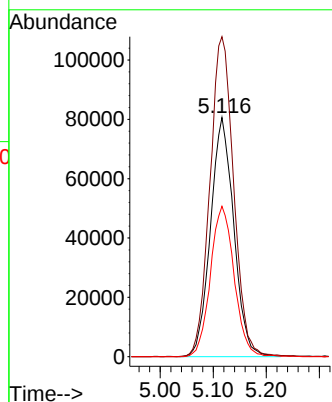
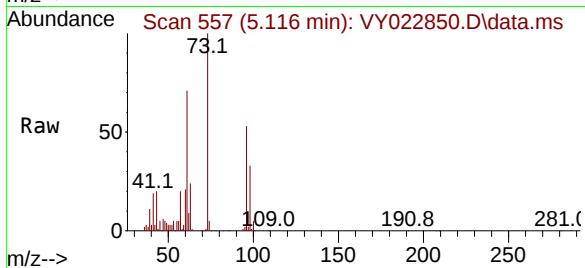




#21
trans-1,2-Dichloroethene
Concen: 47.209 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

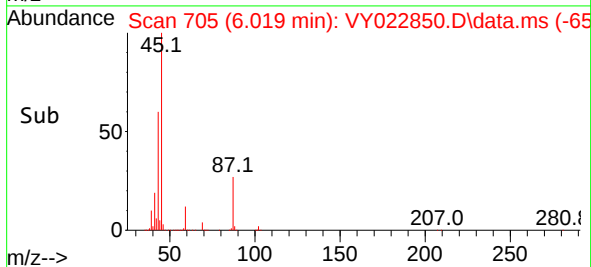
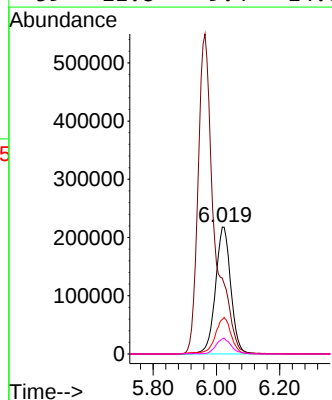
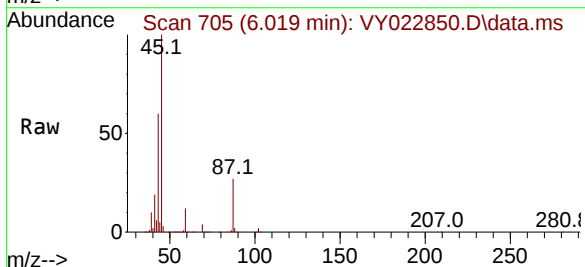
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

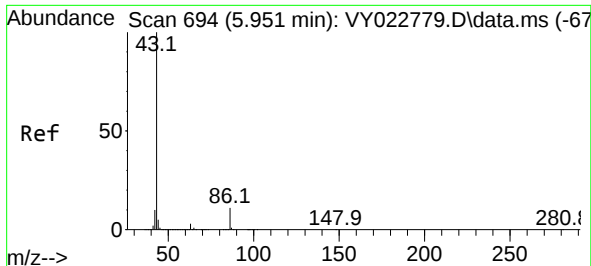
Tgt Ion: 96 Resp: 246056
Ion Ratio Lower Upper
96 100
61 133.6 112.6 169.0
98 62.9 50.6 75.8



#22
Diisopropyl ether
Concen: 46.856 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 45 Resp: 729914
Ion Ratio Lower Upper
45 100
43 59.7 48.3 72.5
87 27.3 23.0 34.6
59 11.8 9.4 14.0

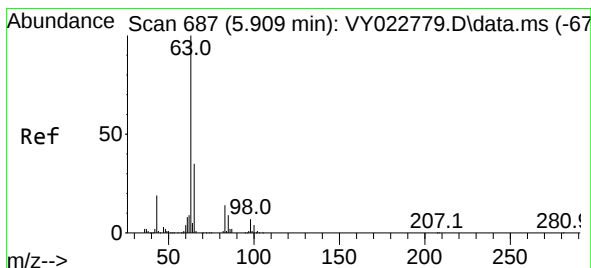
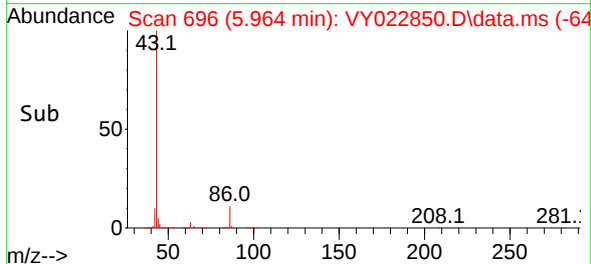
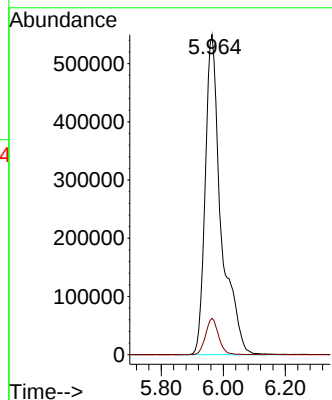
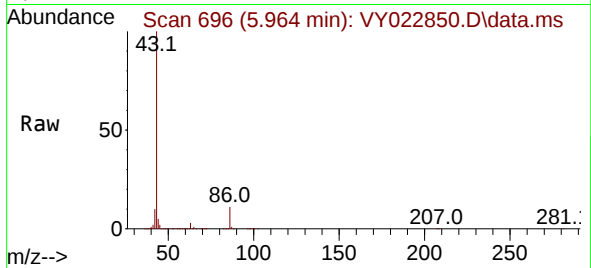




#23
 Vinyl Acetate
 Concen: 227.279 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022850.D
 Acq: 26 Jun 2025 15:19

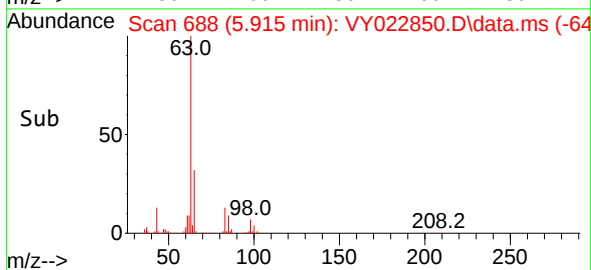
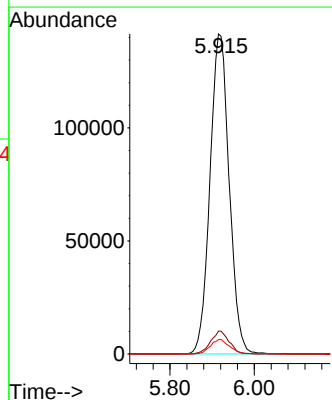
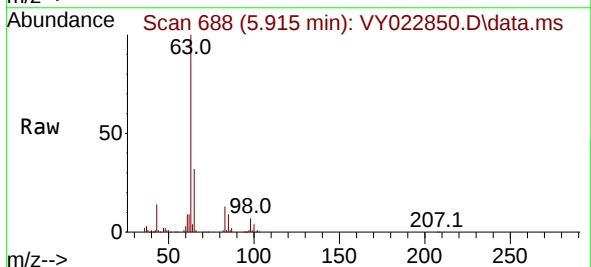
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

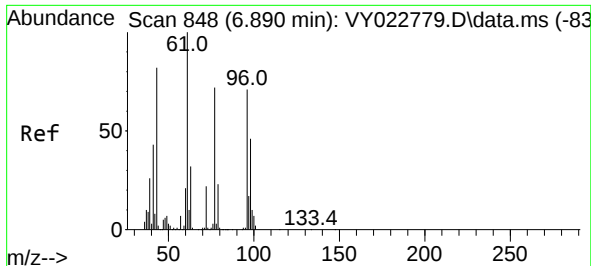
Tgt Ion: 43 Resp: 1955357
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 47.576 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022850.D
 Acq: 26 Jun 2025 15:19

Tgt Ion: 63 Resp: 447655
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.5 2.1 6.3

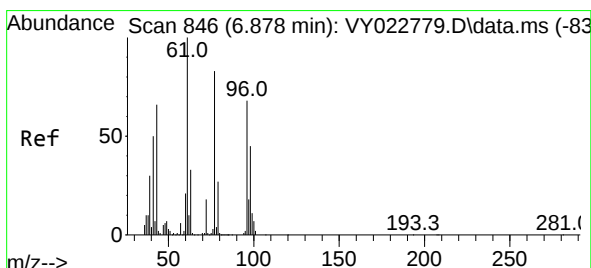
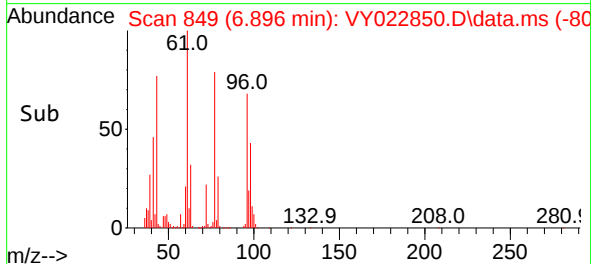
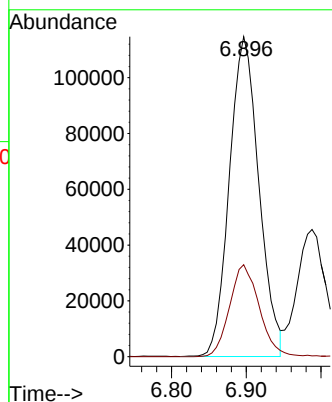
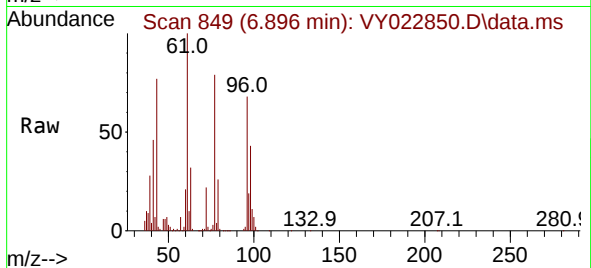




#25
2-Butanone
Concen: 227.244 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

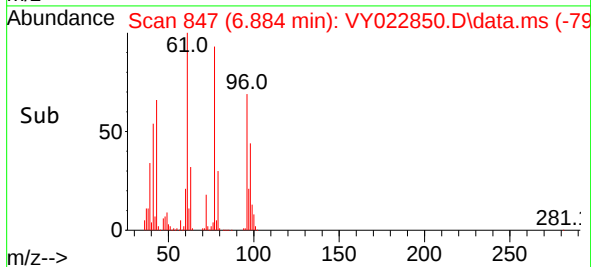
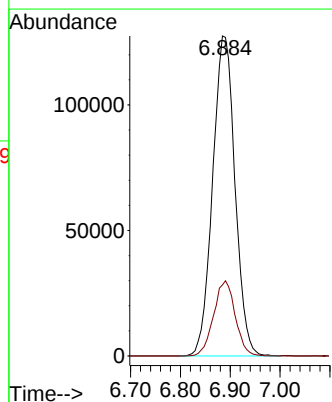
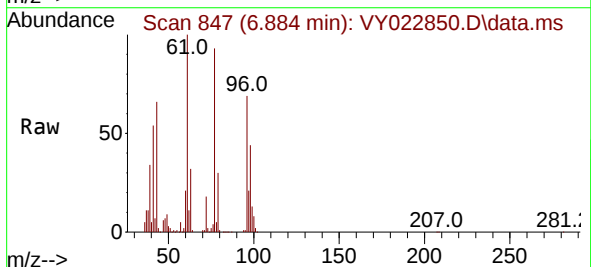
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

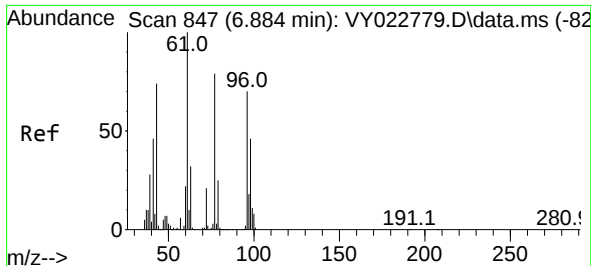
Tgt Ion: 43 Resp: 314343
Ion Ratio Lower Upper
43 100
72 28.8 22.9 34.3



#26
2,2-Dichloropropane
Concen: 50.283 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 77 Resp: 396600
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2

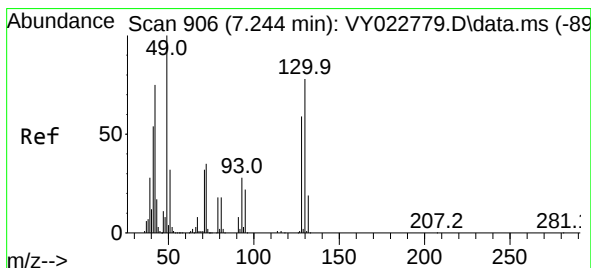
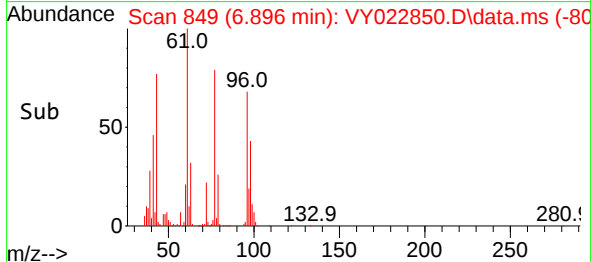
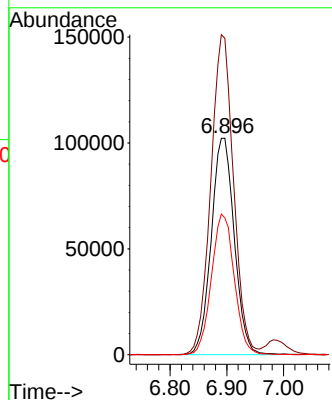
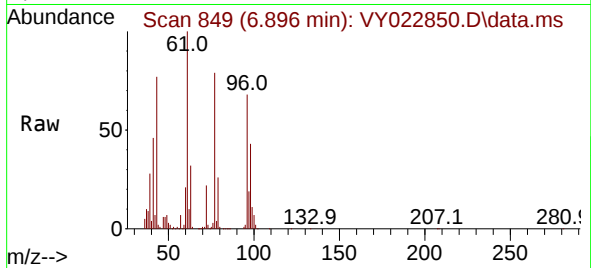




#27
 cis-1,2-Dichloroethene
 Concen: 47.645 ug/l
 RT: 6.896 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY022850.D
 Acq: 26 Jun 2025 15:19

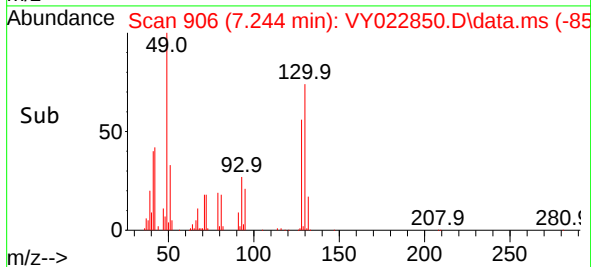
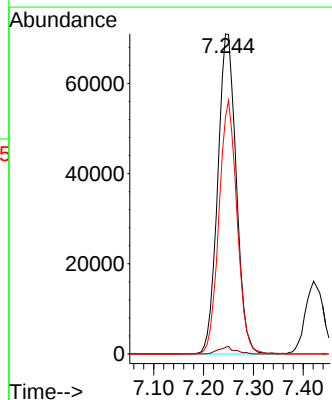
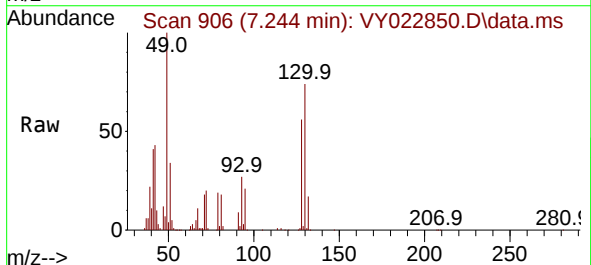
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

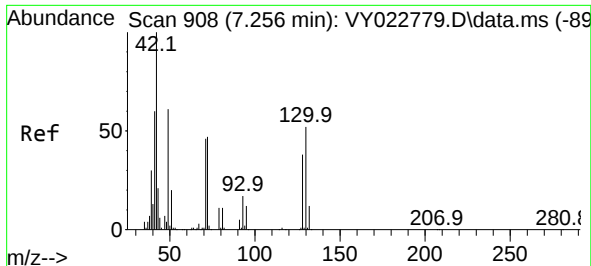
Tgt Ion: 96 Resp: 288558
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 290.0
 98 64.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 46.272 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022850.D
 Acq: 26 Jun 2025 15:19

Tgt Ion: 49 Resp: 183042
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 77.1 55.7 83.5





#29

Tetrahydrofuran

Concen: 201.816 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

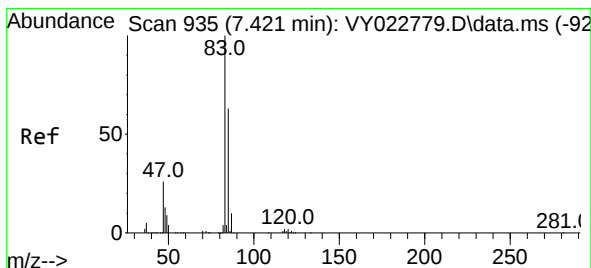
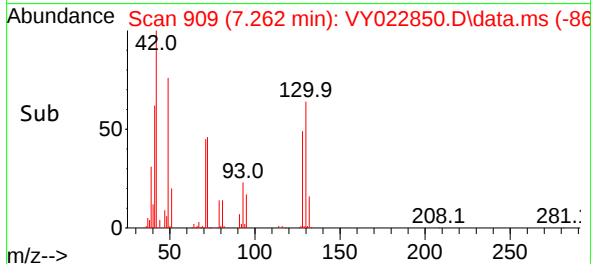
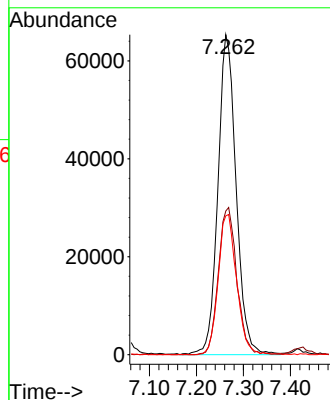
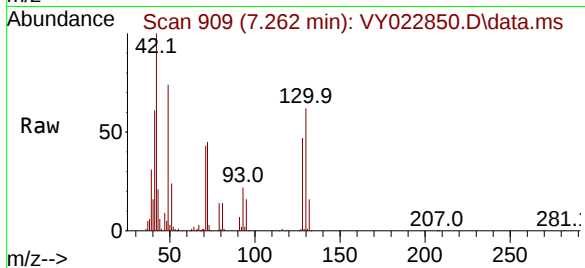
Tgt Ion: 42 Resp: 176280

Ion Ratio Lower Upper

42 100

72 46.9 37.4 56.2

71 44.2 34.2 51.2



#30

Chloroform

Concen: 46.919 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022850.D

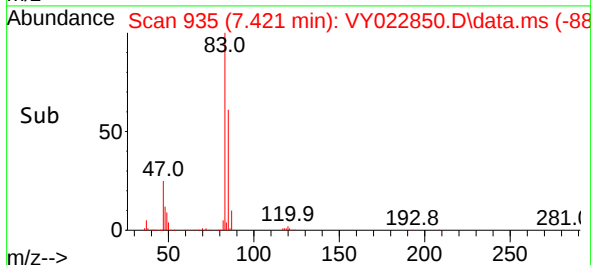
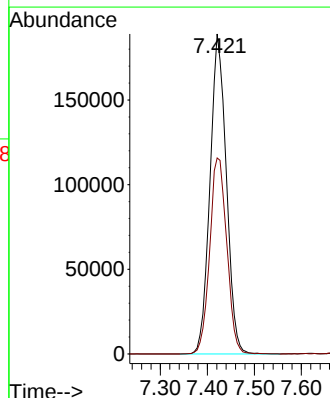
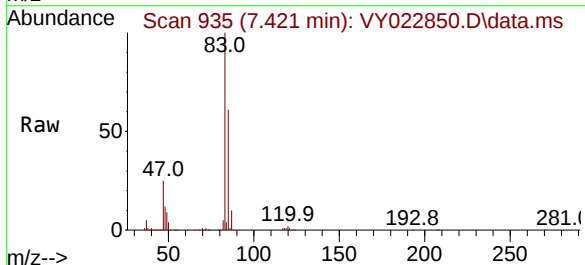
Acq: 26 Jun 2025 15:19

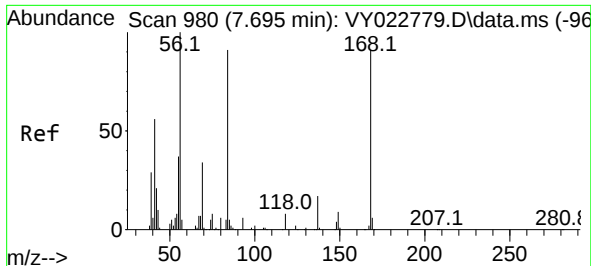
Tgt Ion: 83 Resp: 454709

Ion Ratio Lower Upper

83 100

85 61.3 54.2 81.4

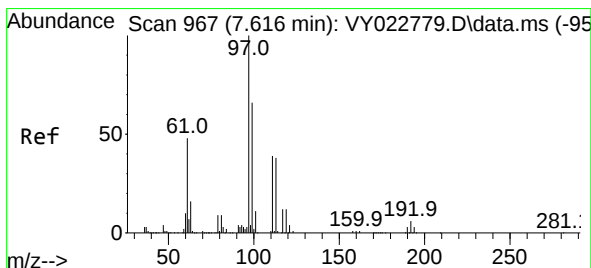
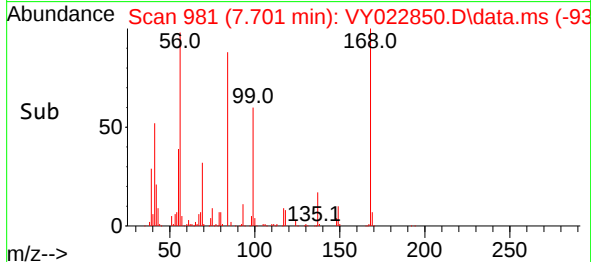
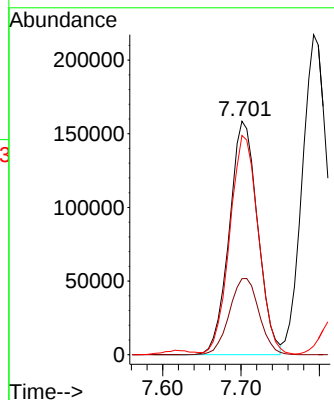
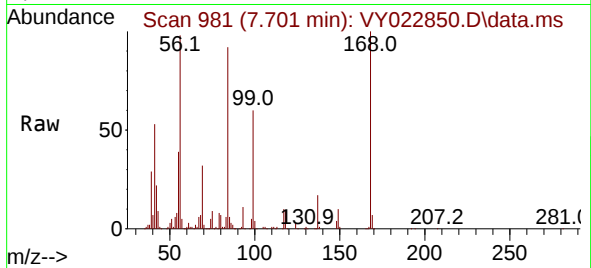




#31
Cyclohexane
Concen: 46.282 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

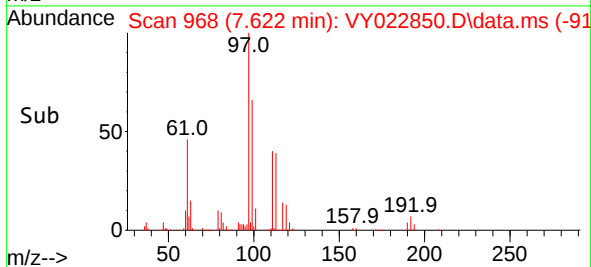
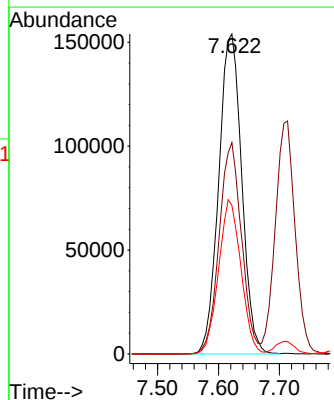
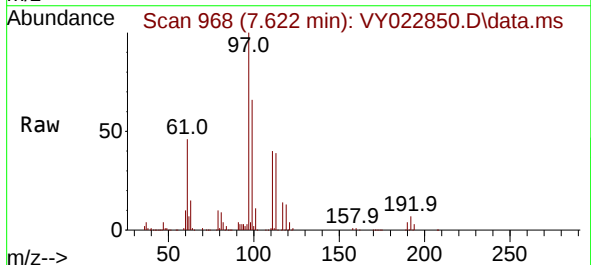
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

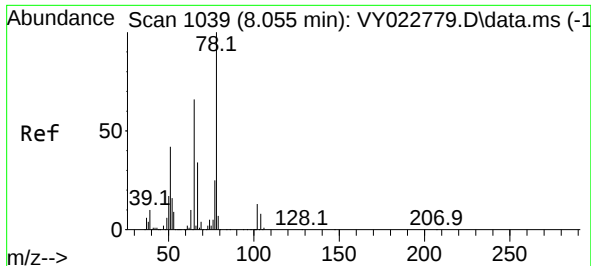
Tgt Ion: 56 Resp: 399745
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 92.1 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 48.118 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 97 Resp: 402982
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 47.0 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 45.443 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

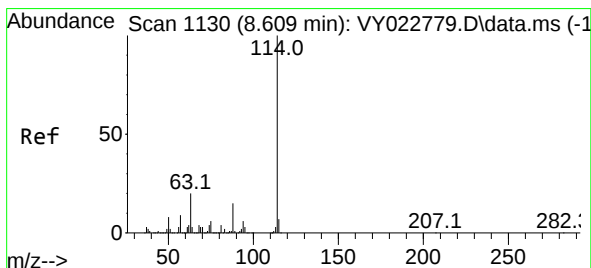
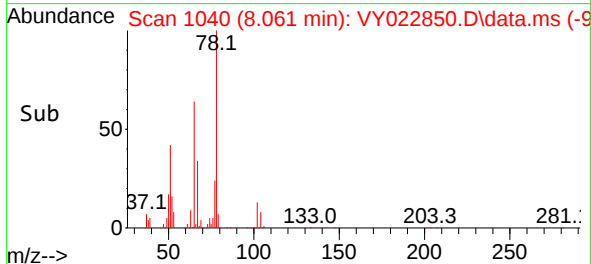
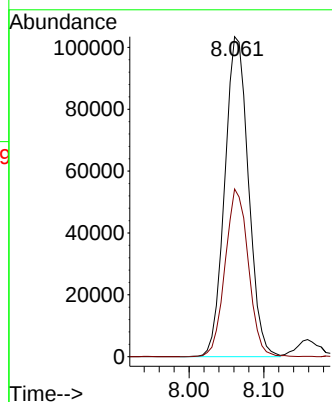
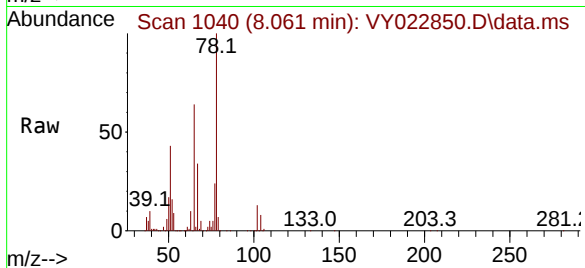
VSTDCCC050EC

Tgt Ion: 65 Resp: 228512

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

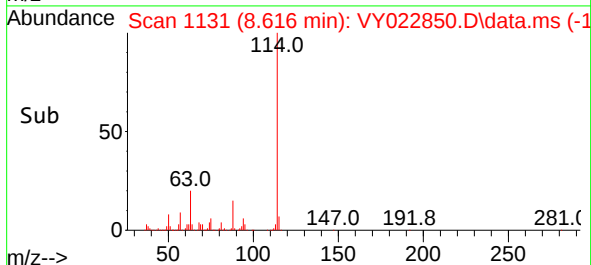
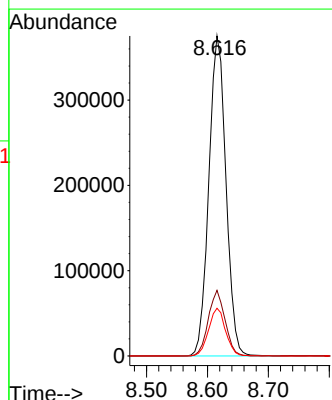
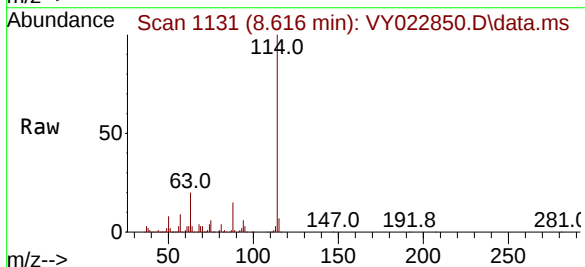
Tgt Ion: 114 Resp: 732368

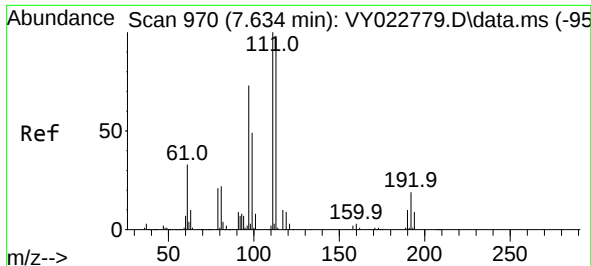
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 14.9 0.0 27.8

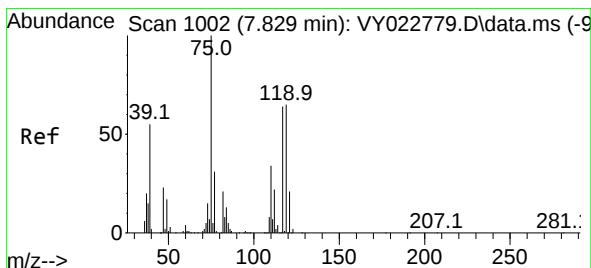
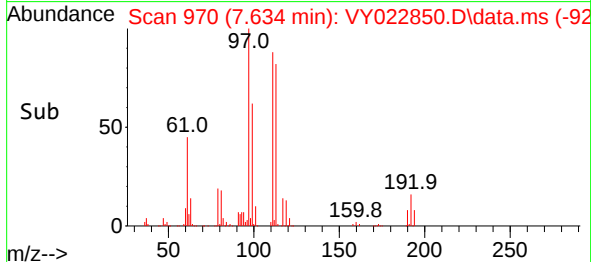
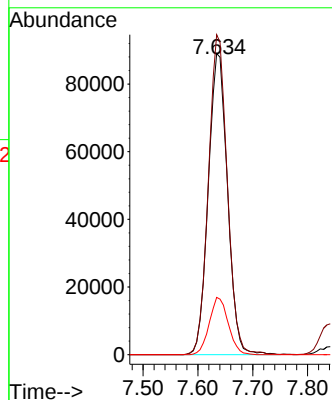
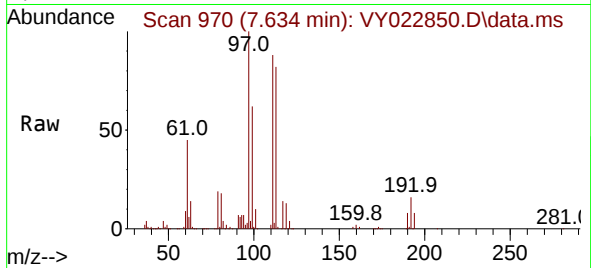




#35
Dibromofluoromethane
Concen: 48.662 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

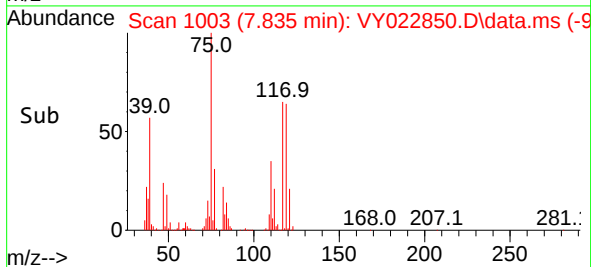
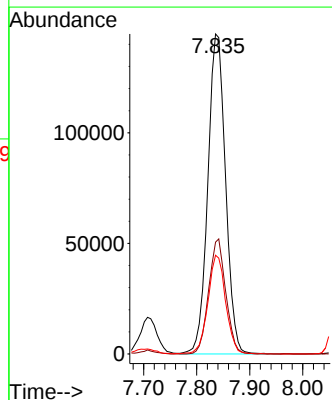
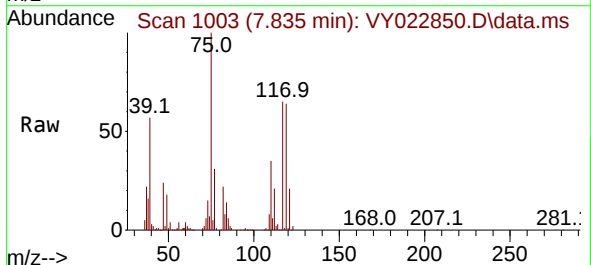
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

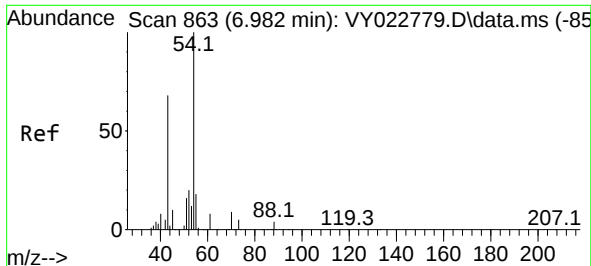
Tgt Ion:113 Resp: 216734
Ion Ratio Lower Upper
113 100
111 104.1 81.1 121.7
192 18.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 49.743 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 75 Resp: 335816
Ion Ratio Lower Upper
75 100
110 34.7 16.9 50.7
77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 42.705 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

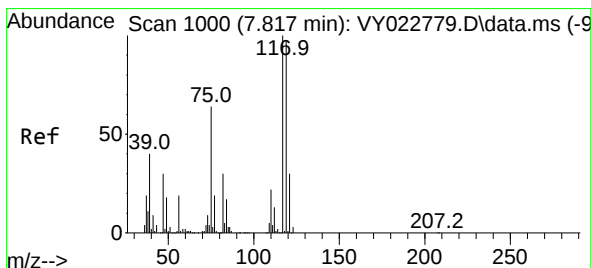
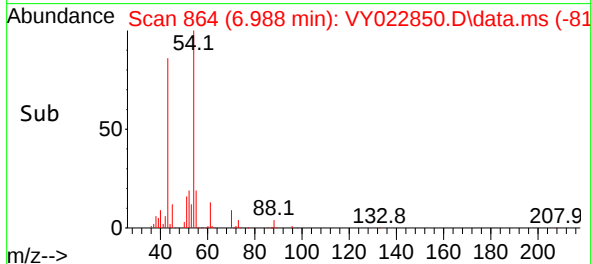
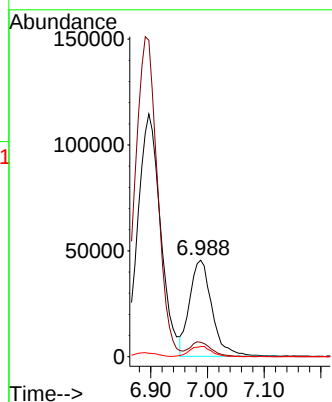
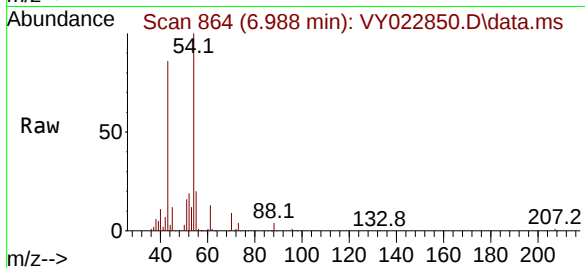
Tgt Ion: 43 Resp: 124408

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

70 10.6 7.2 10.8



#38

Carbon Tetrachloride

Concen: 49.932 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

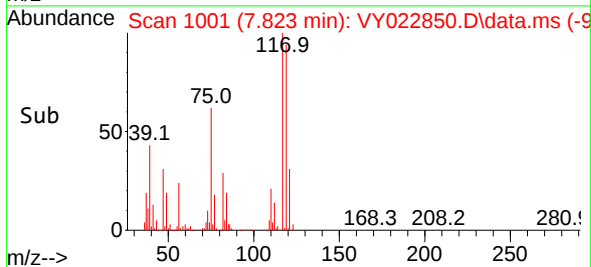
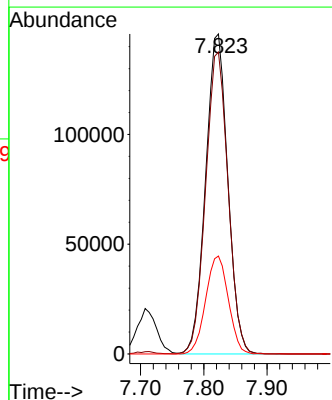
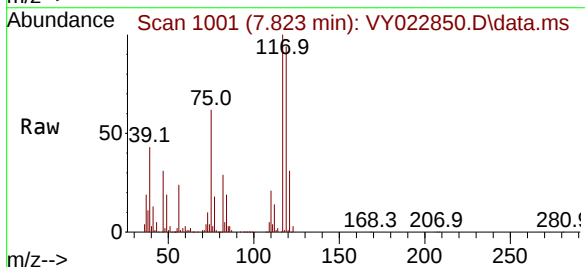
Tgt Ion: 117 Resp: 355682

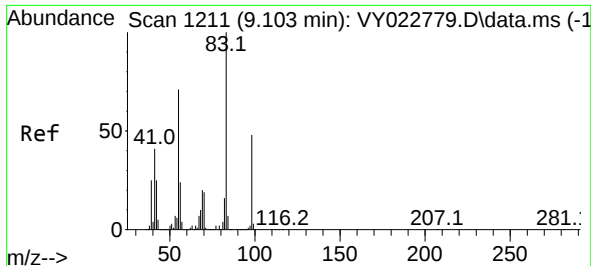
Ion Ratio Lower Upper

117 100

119 94.2 75.0 112.6

121 30.6 25.0 37.4





#39

Methylcyclohexane

Concen: 51.355 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

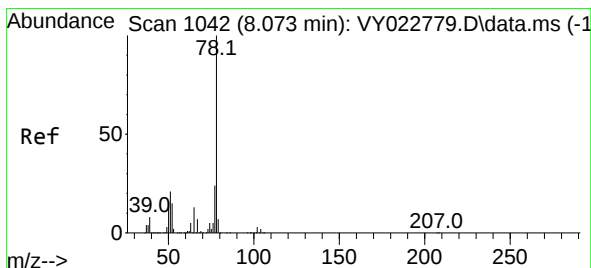
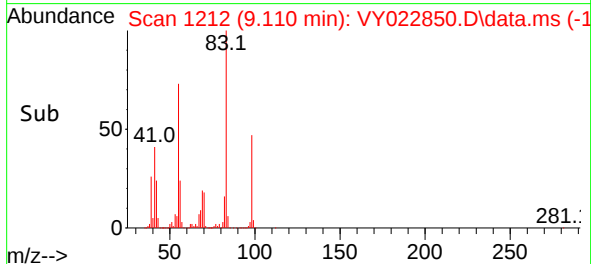
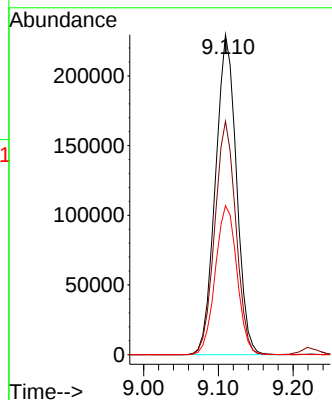
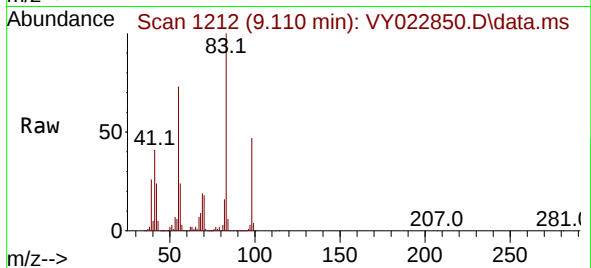
Tgt Ion: 83 Resp: 448667

Ion Ratio Lower Upper

83 100

55 73.0 58.1 87.1

98 46.5 39.0 58.6



#40

Benzene

Concen: 49.384 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022850.D

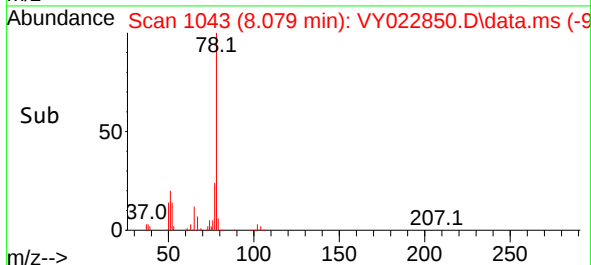
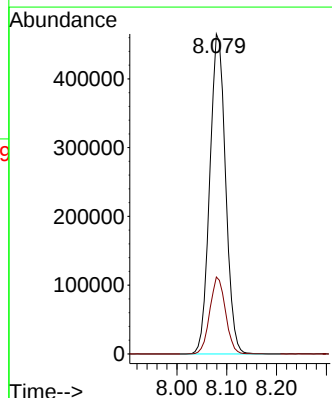
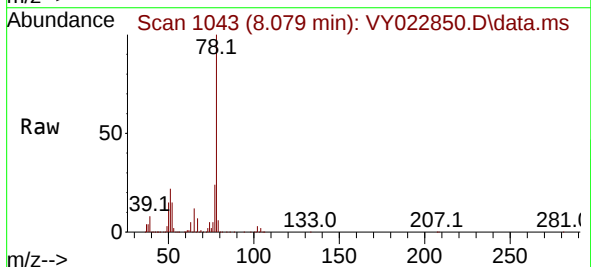
Acq: 26 Jun 2025 15:19

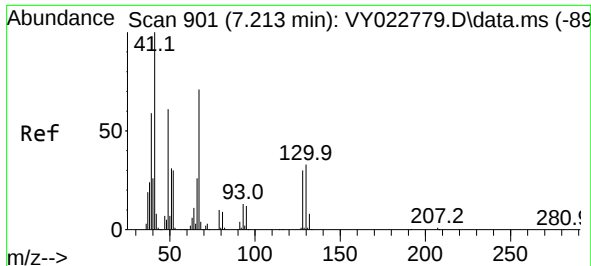
Tgt Ion: 78 Resp: 1025028

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9



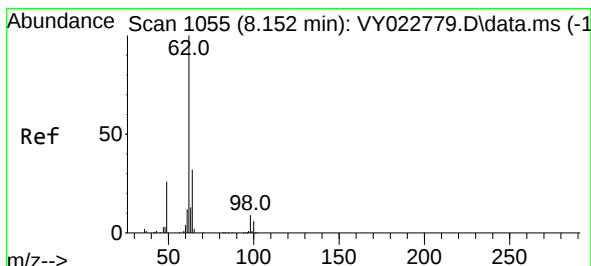
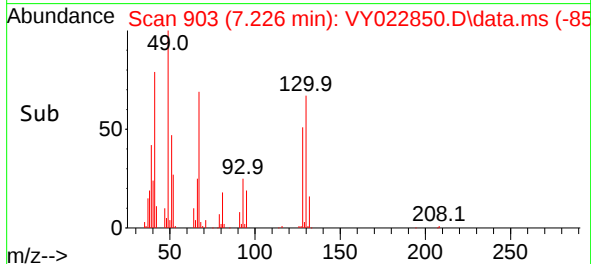
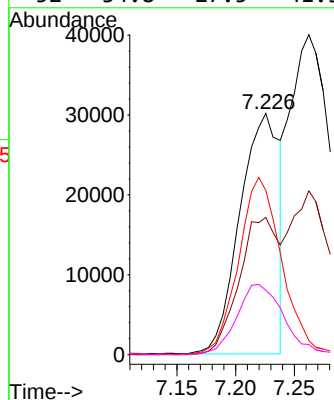
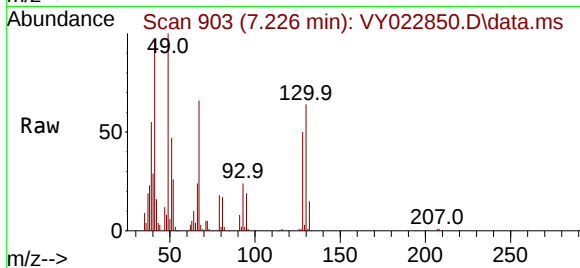


#41
Methacrylonitrile
Concen: 39.437 ug/l
RT: 7.226 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 70728

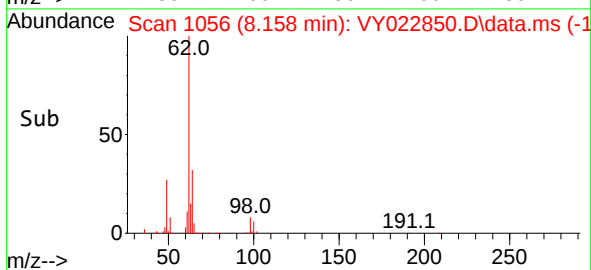
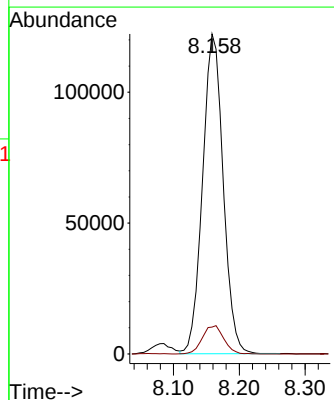
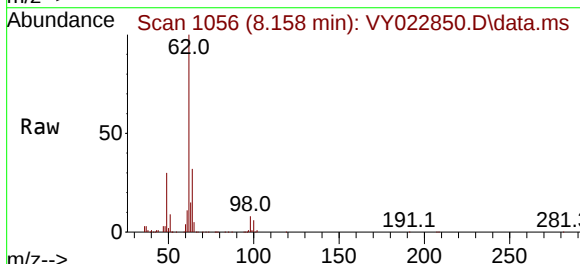
Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.6	69.8
67	81.2	63.3	94.9
52	34.8	27.5	41.3

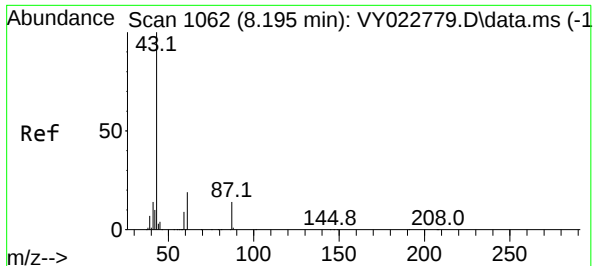


#42
1,2-Dichloroethane
Concen: 46.825 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 62 Resp: 266331

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 43.147 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

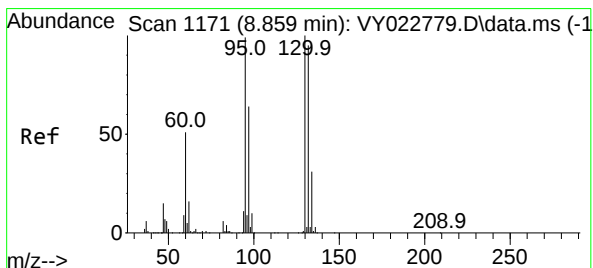
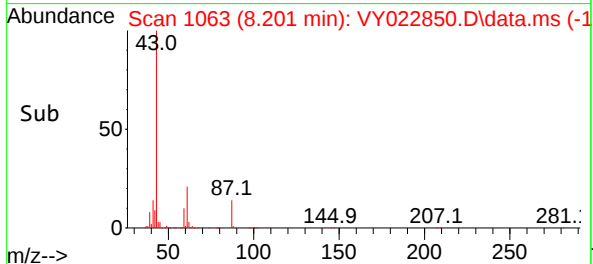
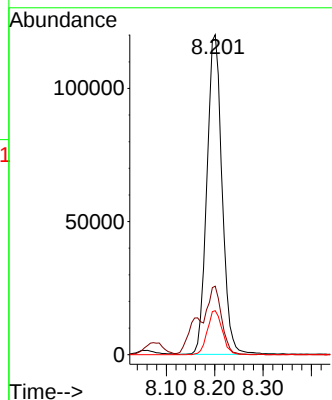
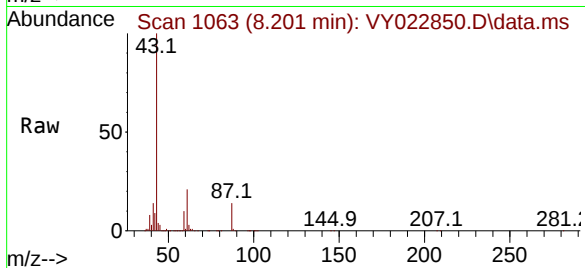
Tgt Ion: 43 Resp: 261241

Ion Ratio Lower Upper

43 100

61 19.7 15.6 23.4

87 13.6 10.2 15.4



#44

Trichloroethene

Concen: 49.718 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022850.D

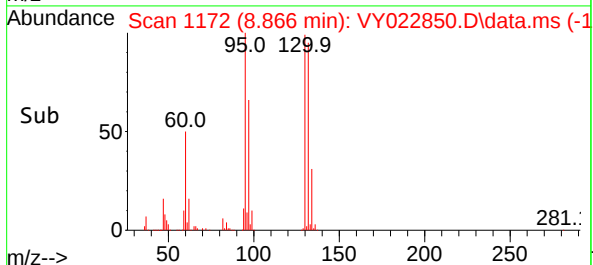
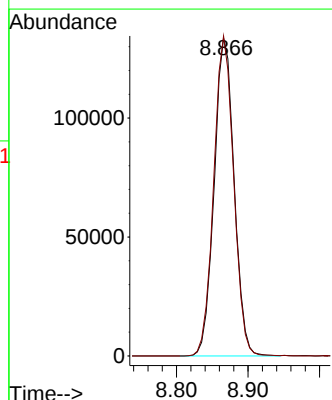
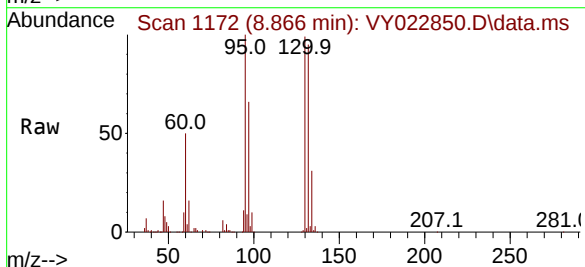
Acq: 26 Jun 2025 15:19

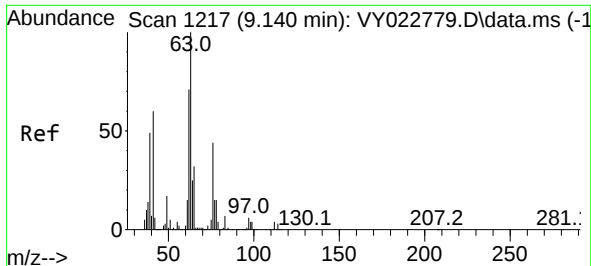
Tgt Ion:130 Resp: 259098

Ion Ratio Lower Upper

130 100

95 100.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 48.566 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

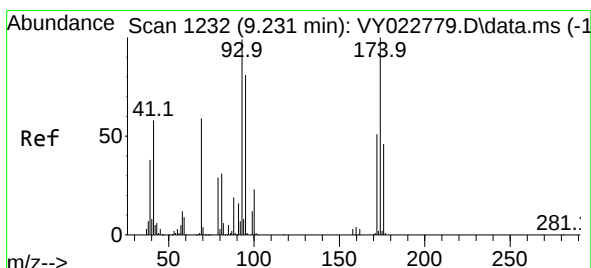
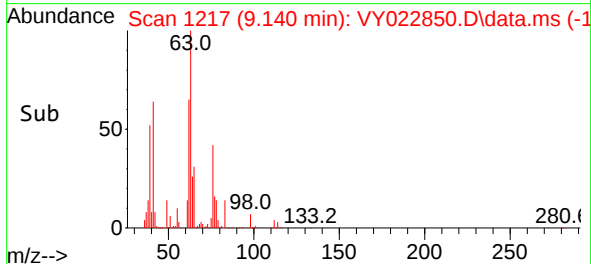
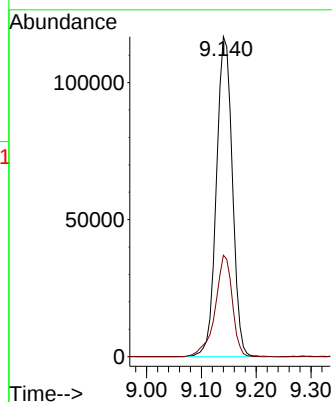
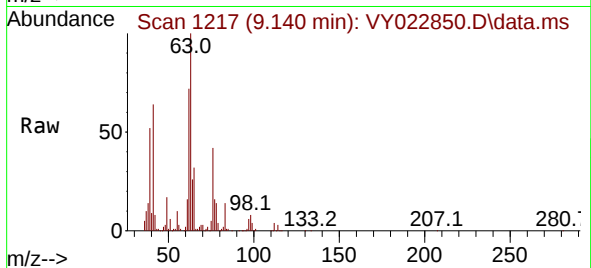
VSTDCCC050EC

Tgt Ion: 63 Resp: 235928

Ion Ratio Lower Upper

63 100

65 31.7 24.0 36.0



#46

Dibromomethane

Concen: 45.491 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

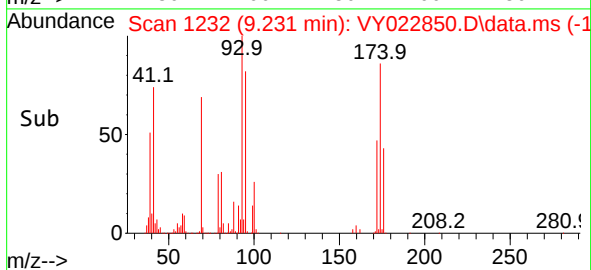
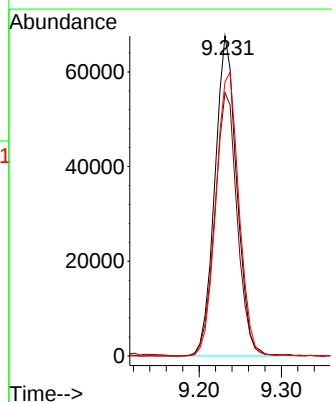
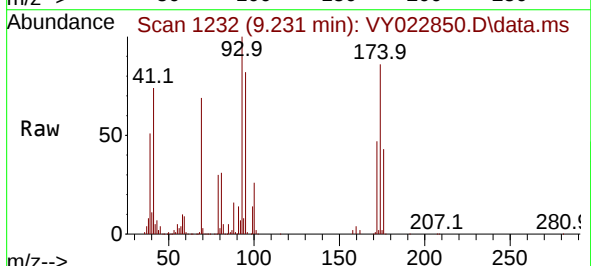
Tgt Ion: 93 Resp: 125451

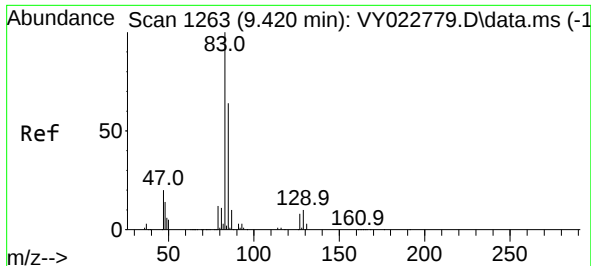
Ion Ratio Lower Upper

93 100

95 83.9 65.6 98.4

174 92.4 70.4 105.6

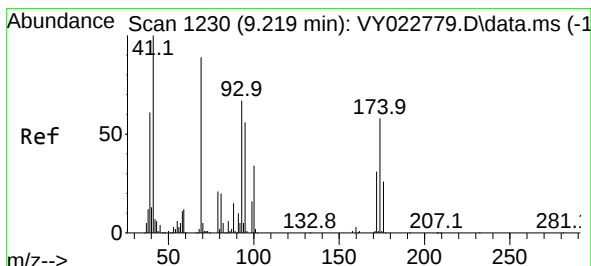
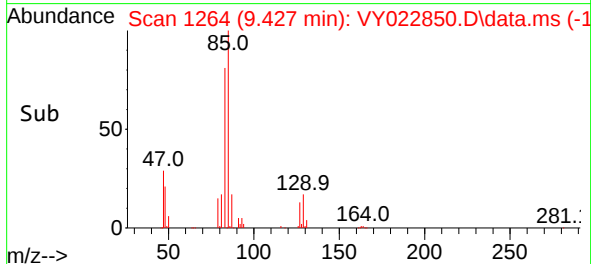
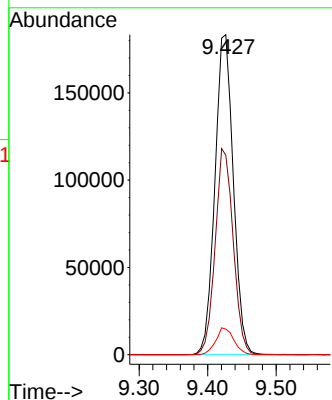
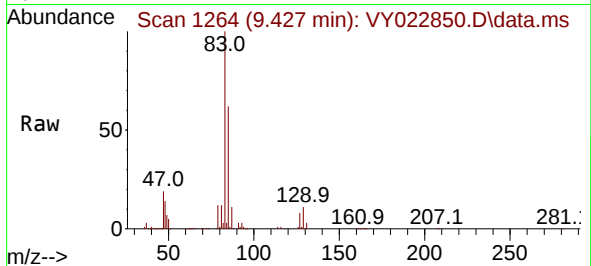




#47
Bromodichloromethane
Concen: 47.982 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

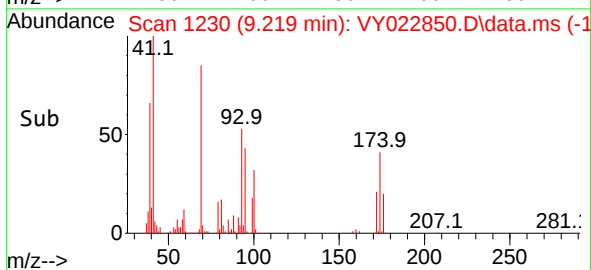
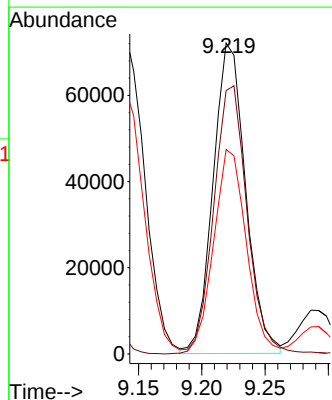
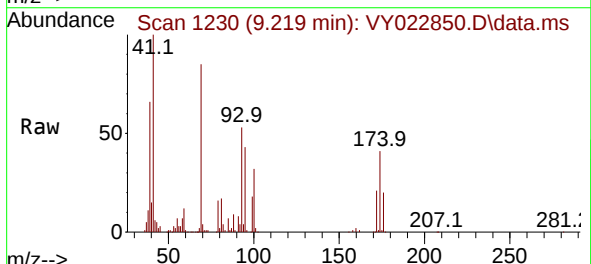
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

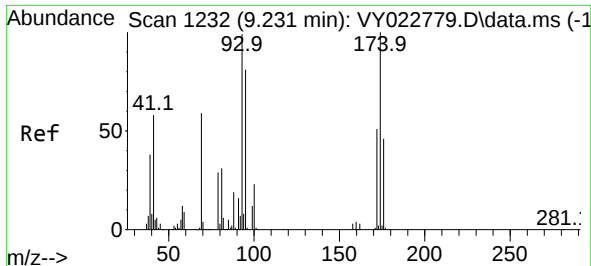
Tgt Ion: 83 Resp: 341212
Ion Ratio Lower Upper
83 100
85 62.4 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 44.243 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 41 Resp: 128778
Ion Ratio Lower Upper
41 100
69 89.1 67.8 101.8
39 63.7 55.0 82.4





#49

1,4-Dioxane

Concen: 830.146 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

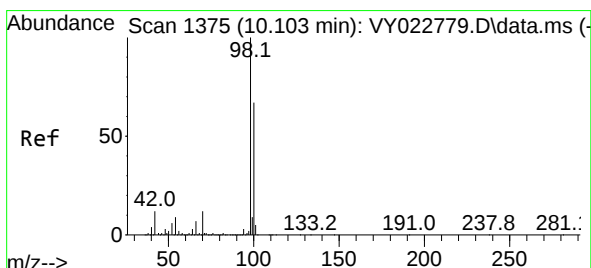
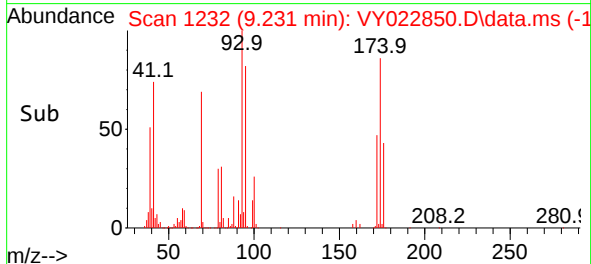
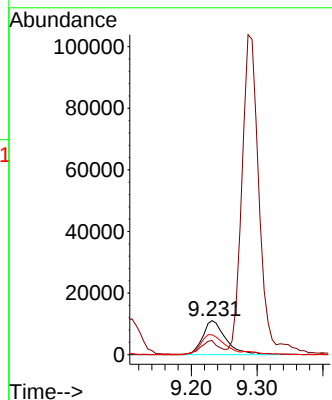
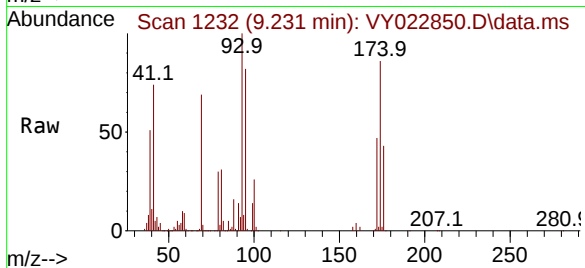
Tgt Ion: 88 Resp: 27047

Ion Ratio Lower Upper

88 100

43 30.3 25.4 38.2

58 60.3 54.9 82.3



#50

Toluene-d8

Concen: 50.991 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022850.D

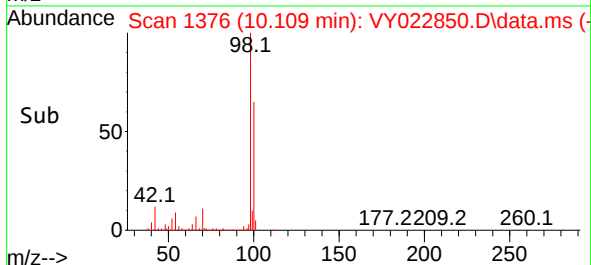
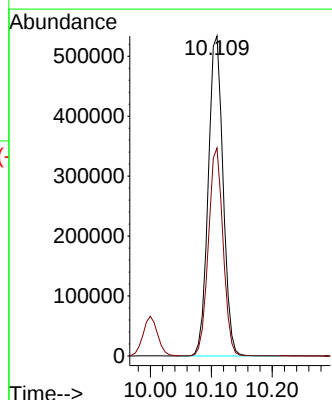
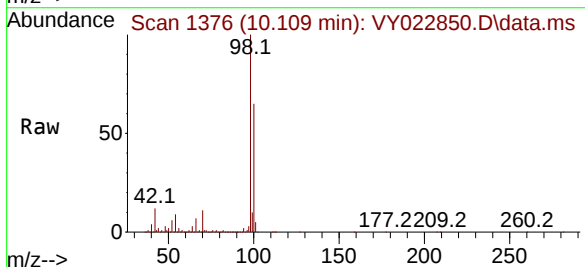
Acq: 26 Jun 2025 15:19

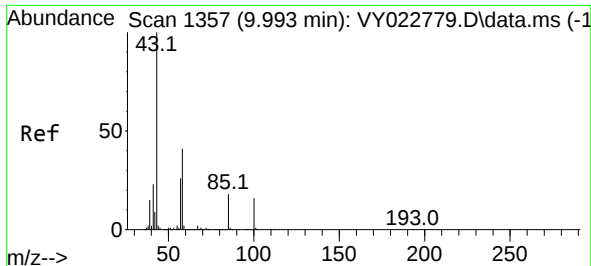
Tgt Ion: 98 Resp: 901210

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0

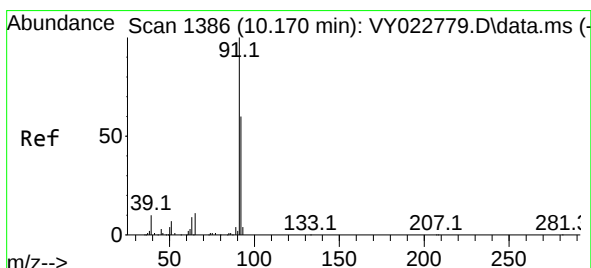
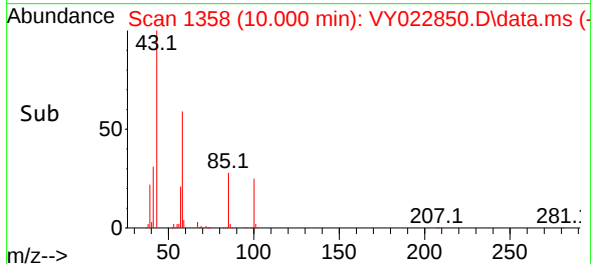
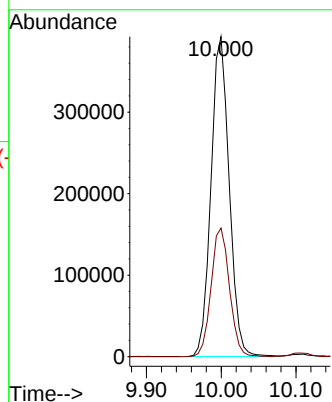
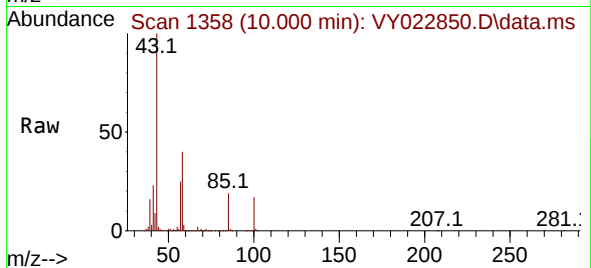




#51
4-Methyl-2-Pentanone
Concen: 216.038 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

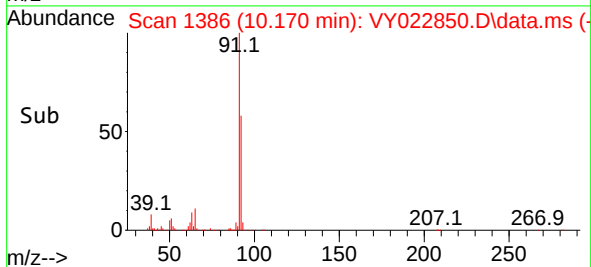
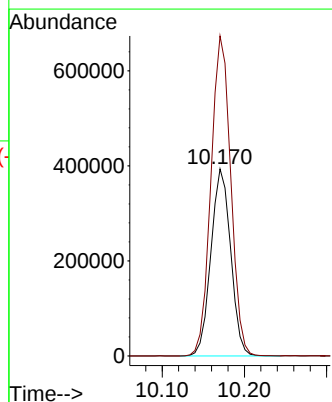
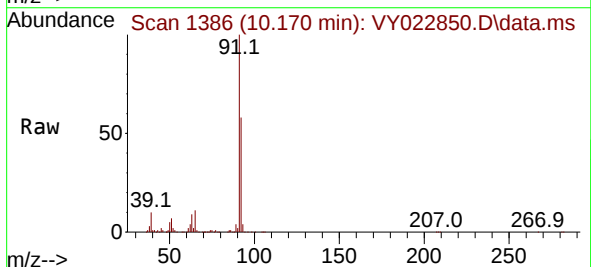
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

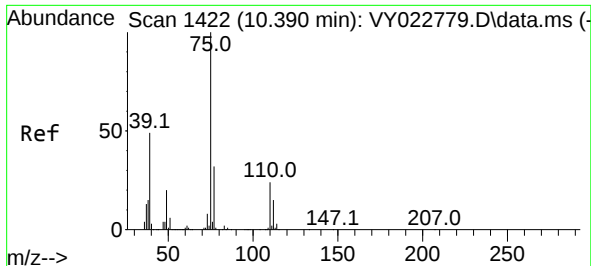
Tgt Ion: 43 Resp: 664714
Ion Ratio Lower Upper
43 100
58 40.6 30.4 45.6



#52
Toluene
Concen: 50.105 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 92 Resp: 656113
Ion Ratio Lower Upper
92 100
91 171.9 139.0 208.4

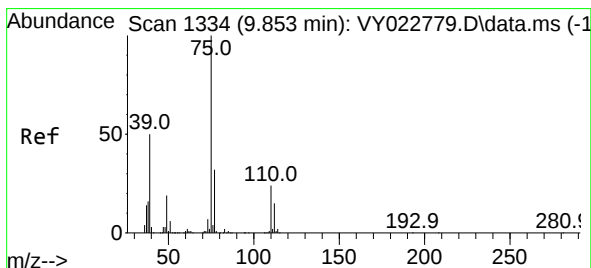
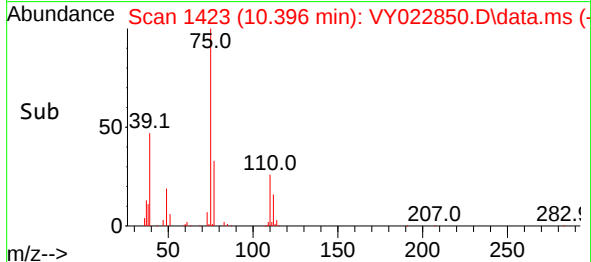
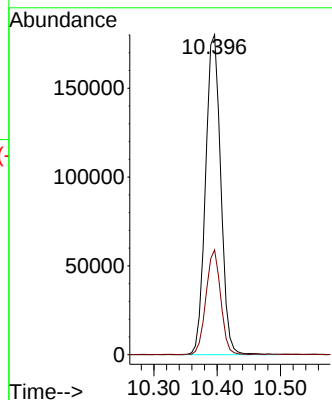
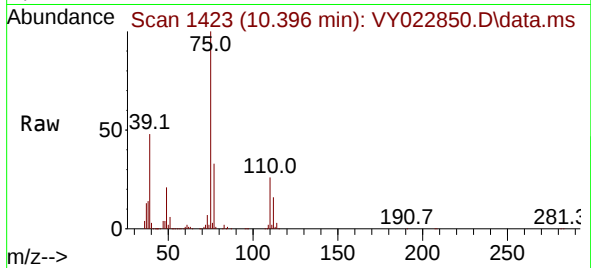




#53
t-1,3-Dichloropropene
Concen: 47.198 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

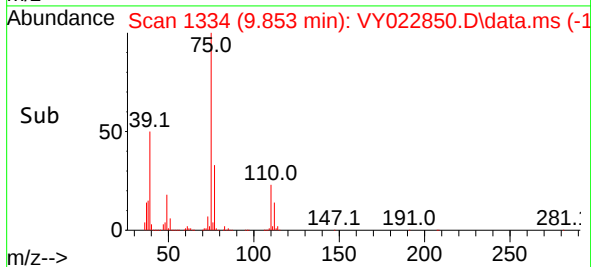
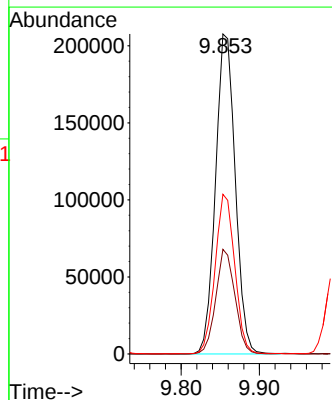
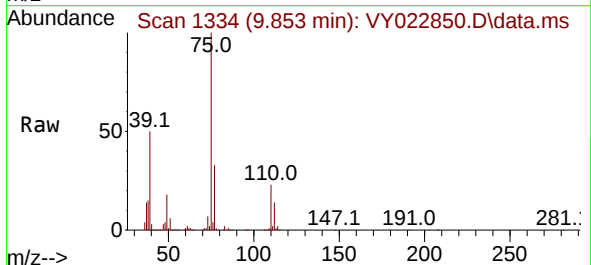
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

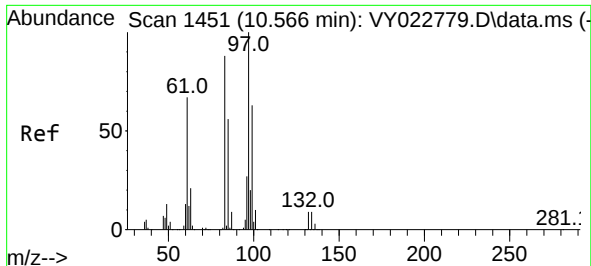
Tgt Ion: 75 Resp: 301980
Ion Ratio Lower Upper
75 100
77 32.7 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 49.080 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 75 Resp: 364109
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 49.8 42.7 64.1



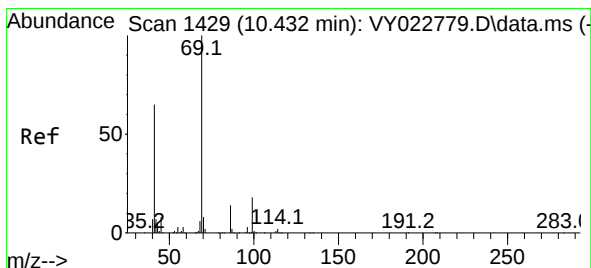
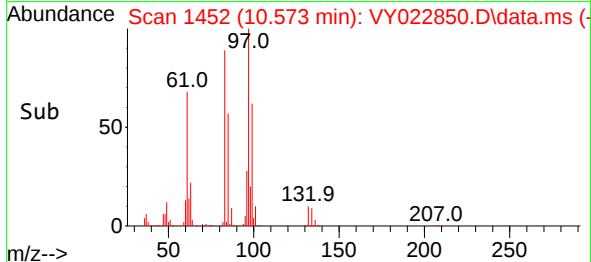
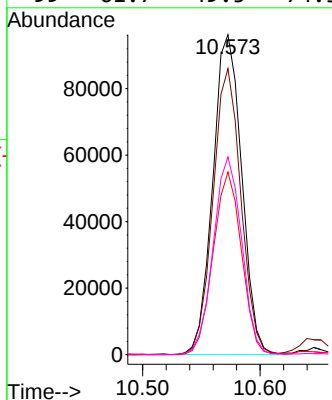
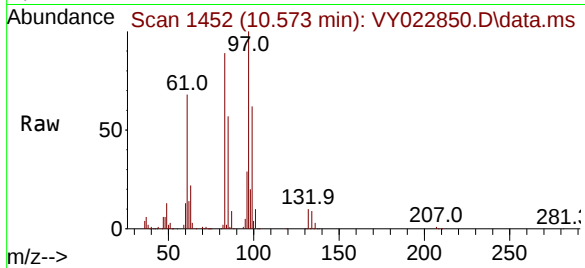


#55
1,1,2-Trichloroethane
Concen: 45.994 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 164240

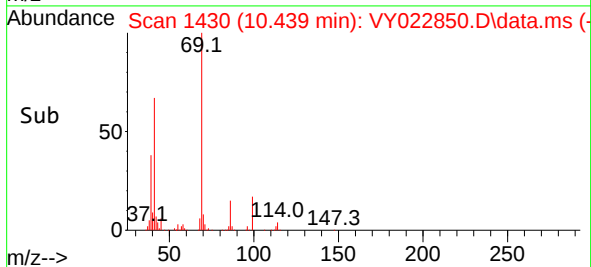
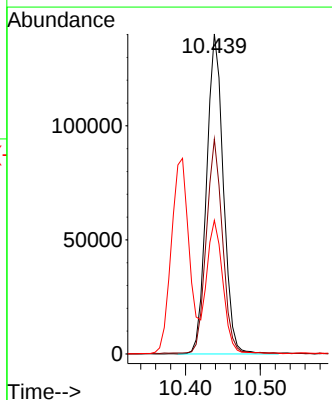
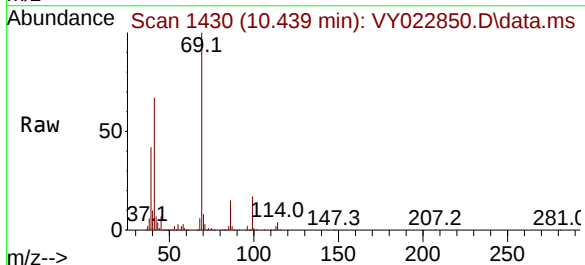
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.1	102.1
85	57.1	48.2	72.2
99	61.7	49.5	74.3

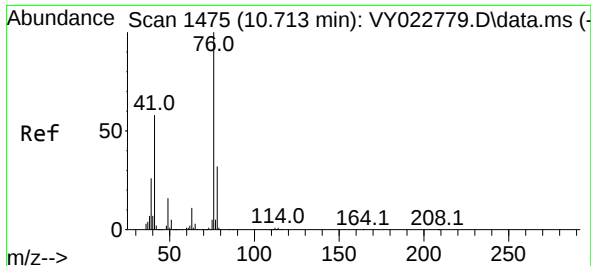


#56
Ethyl methacrylate
Concen: 45.417 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 69 Resp: 218194

Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.2	78.2
39	39.4	36.7	55.1





#57

1,3-Dichloropropane

Concen: 46.393 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

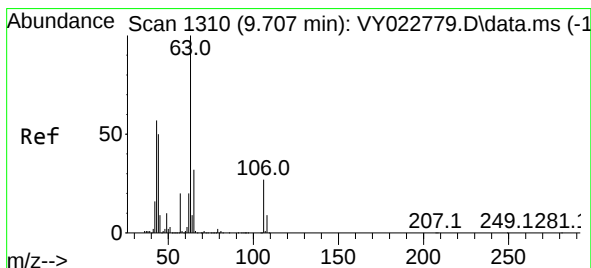
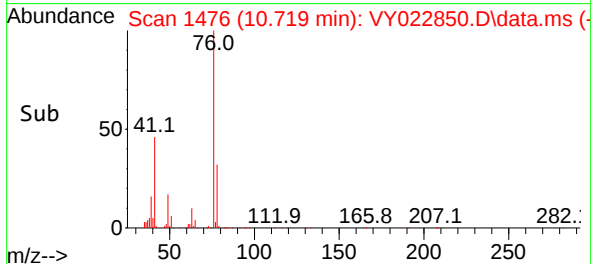
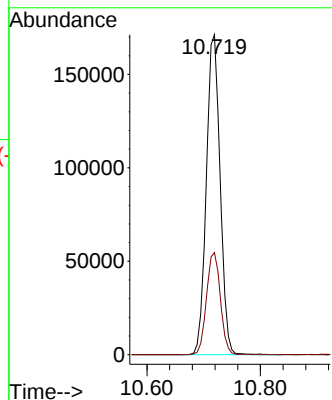
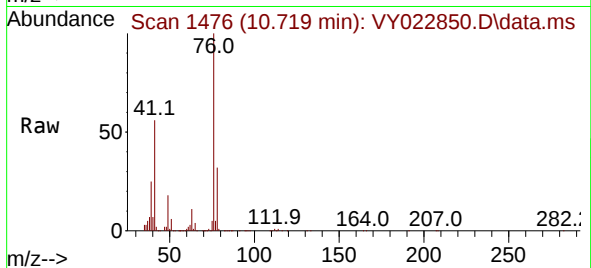
VSTDCCC050EC

Tgt Ion: 76 Resp: 289036

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 218.642 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022850.D

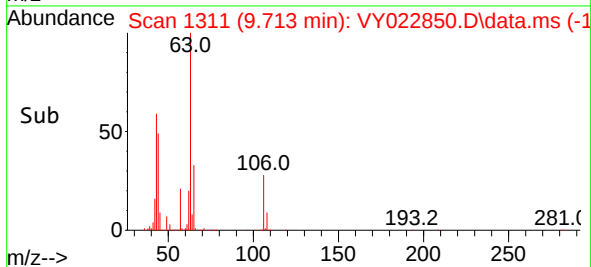
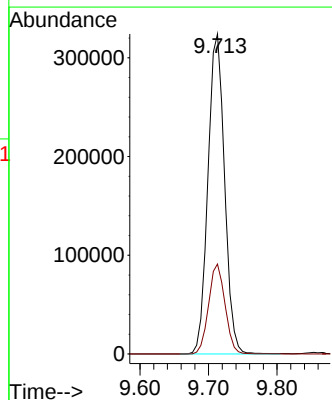
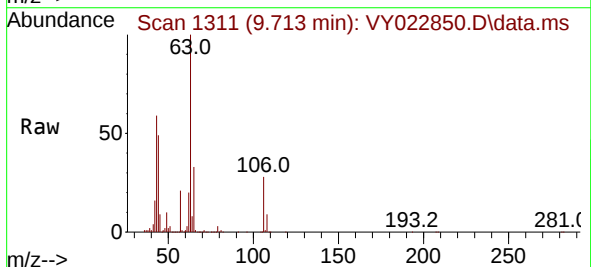
Acq: 26 Jun 2025 15:19

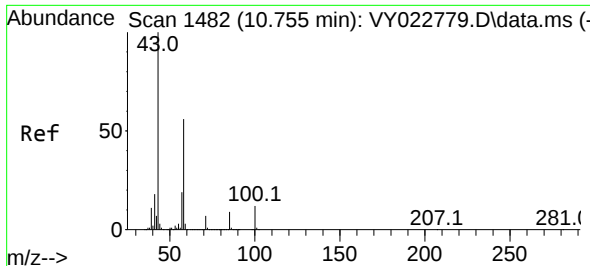
Tgt Ion: 63 Resp: 546795

Ion Ratio Lower Upper

63 100

106 27.8 21.6 32.4

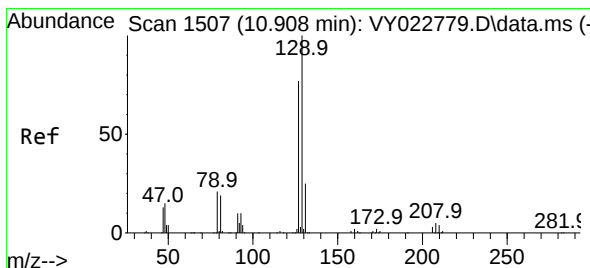
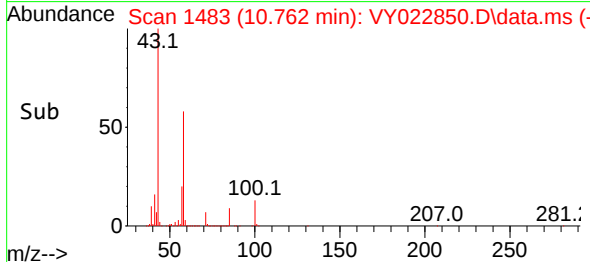
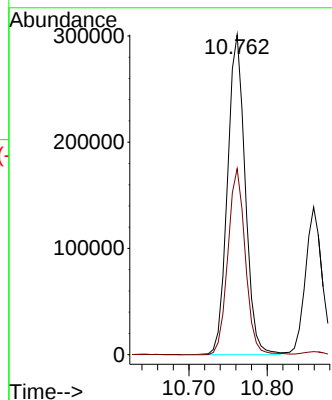
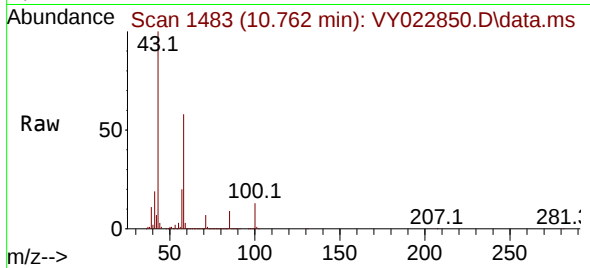




#59
2-Hexanone
Concen: 225.985 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

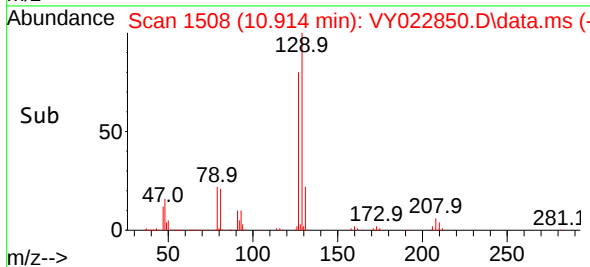
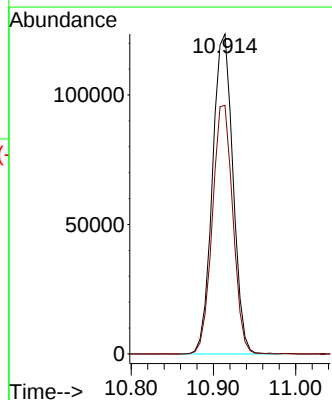
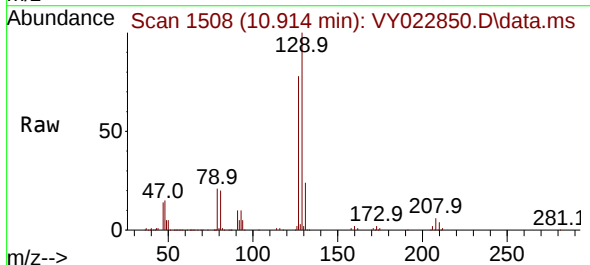
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

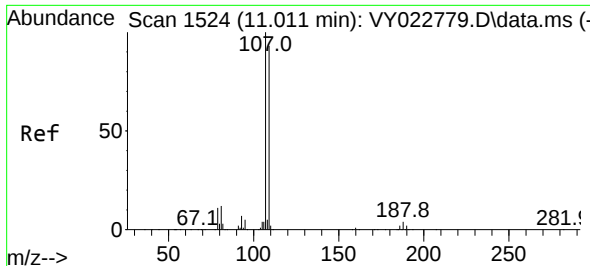
Tgt Ion: 43 Resp: 472731
Ion Ratio Lower Upper
43 100
58 57.2 27.3 81.8



#60
Dibromochloromethane
Concen: 46.399 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 129 Resp: 214012
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

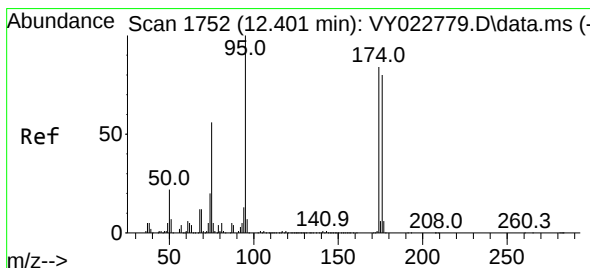
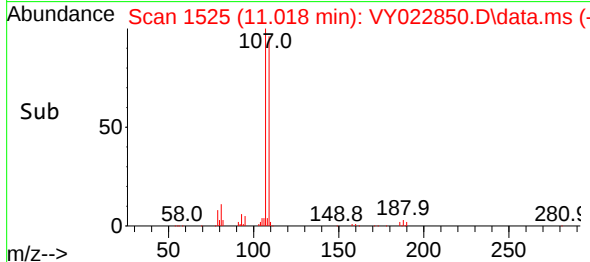
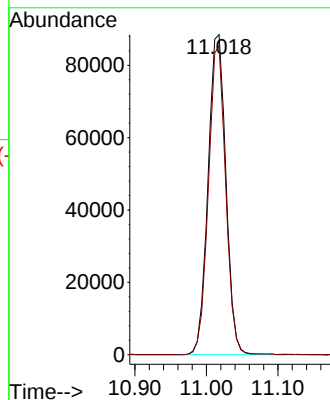
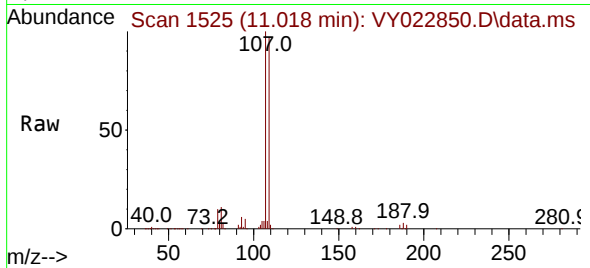




#61
1,2-Dibromoethane
Concen: 45.837 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

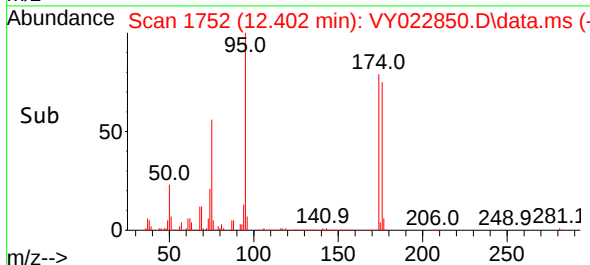
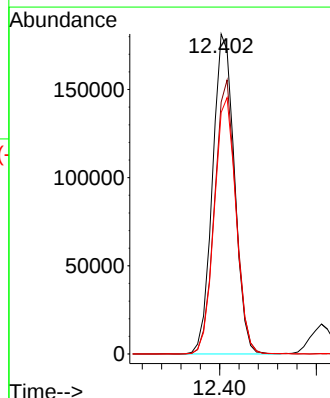
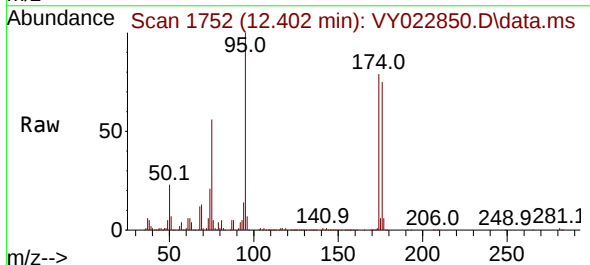
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

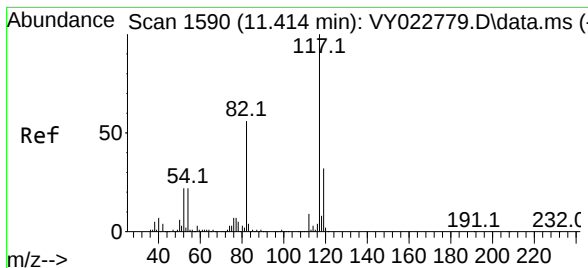
Tgt Ion:107 Resp: 153167
Ion Ratio Lower Upper
107 100
109 93.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.209 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 95 Resp: 285266
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 79.8 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: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

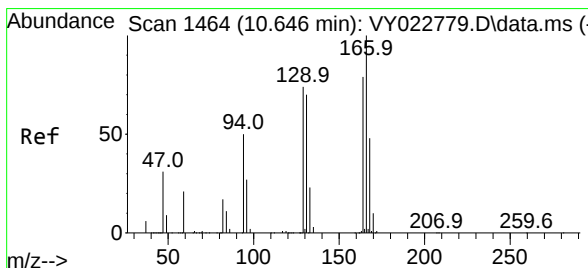
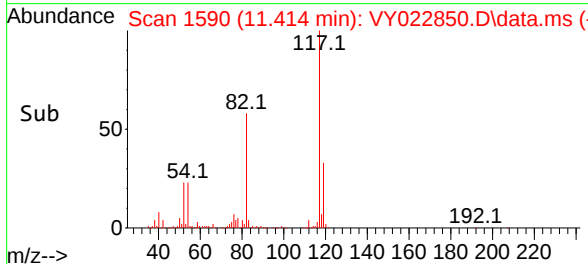
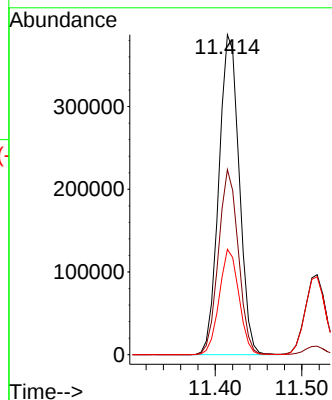
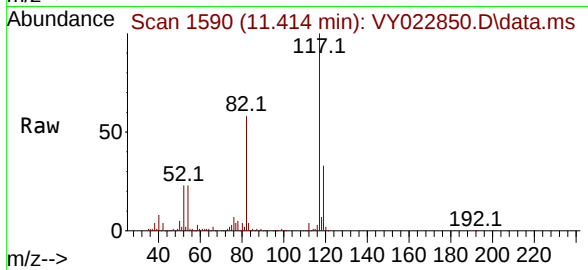
Tgt Ion:117 Resp: 631508

Ion Ratio Lower Upper

117 100

82 57.9 44.6 66.8

119 33.0 25.4 38.0



#64

Tetrachloroethene

Concen: 50.700 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Tgt Ion:164 Resp: 302468

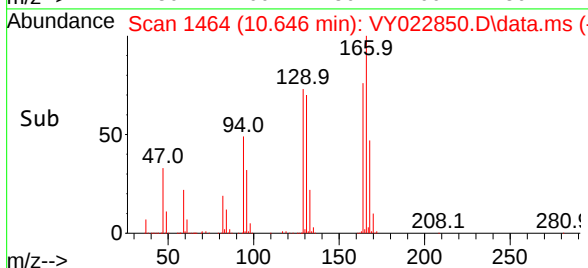
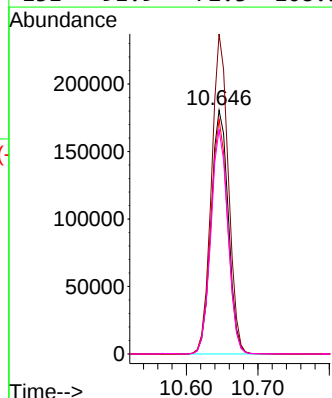
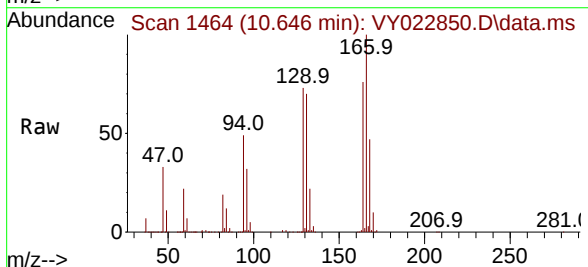
Ion Ratio Lower Upper

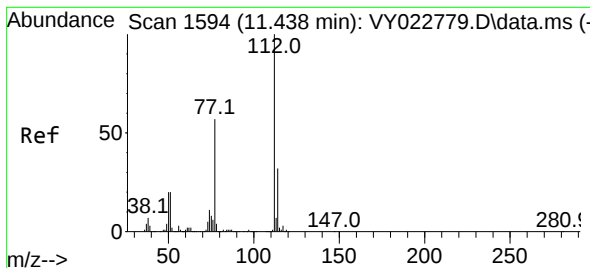
164 100

166 131.3 104.0 156.0

129 96.2 74.5 111.7

131 91.9 72.3 108.5

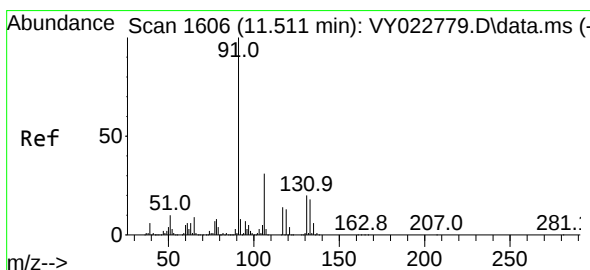
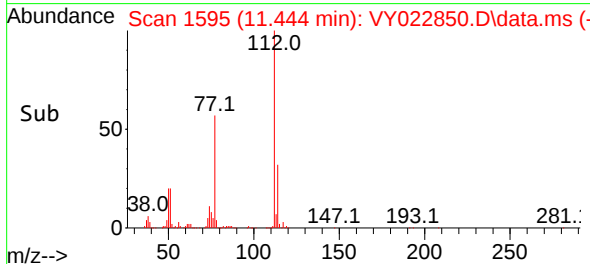
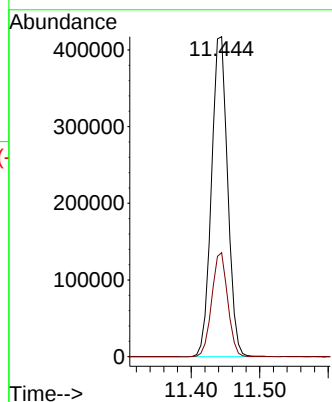
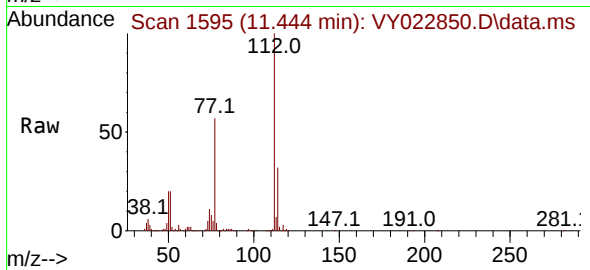




#65
Chlorobenzene
Concen: 49.402 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

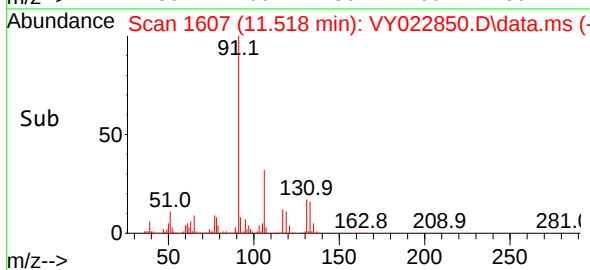
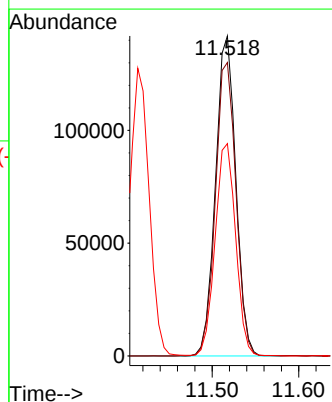
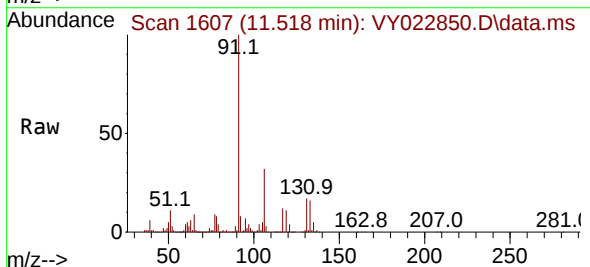
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

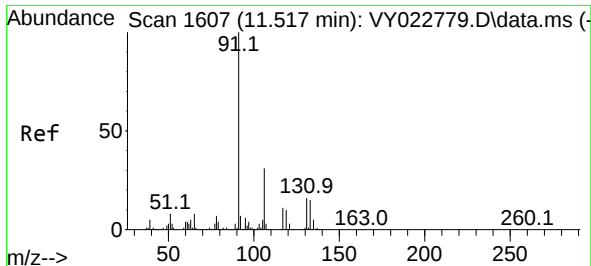
Tgt Ion:112 Resp: 685507
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.191 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion:131 Resp: 231194
Ion Ratio Lower Upper
131 100
133 93.0 47.3 141.8
119 67.2 33.1 99.3





#67

Ethyl Benzene

Concen: 51.603 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

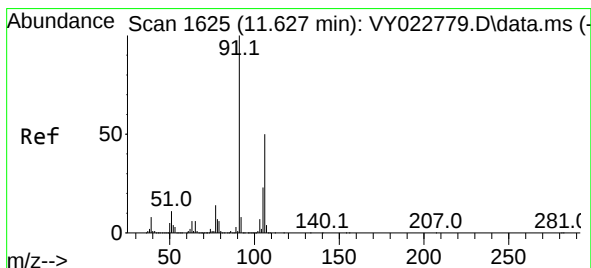
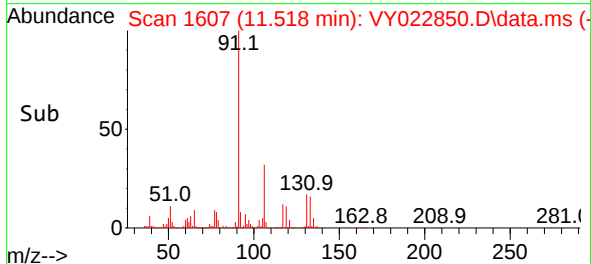
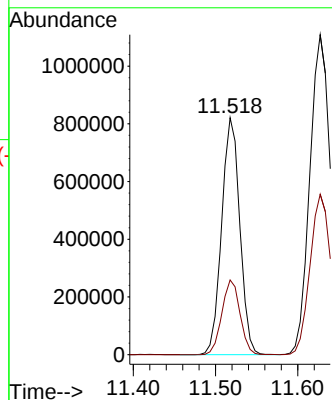
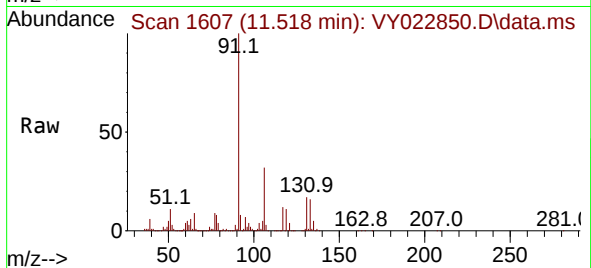
VSTDCCC050EC

Tgt Ion: 91 Resp: 1258110

Ion Ratio Lower Upper

91 100

106 31.6 24.2 36.4



#68

m/p-Xylenes

Concen: 103.654 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022850.D

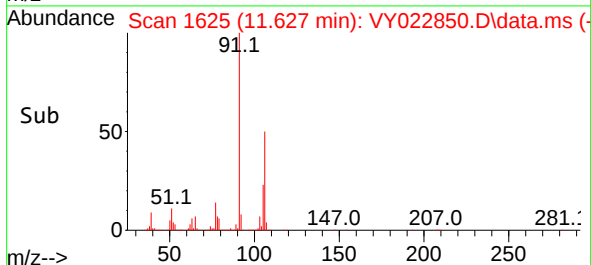
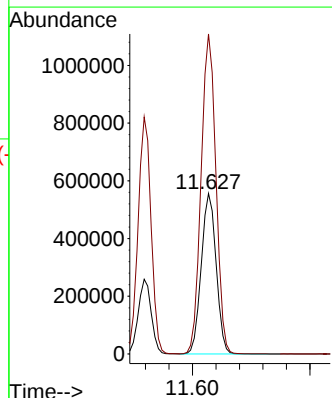
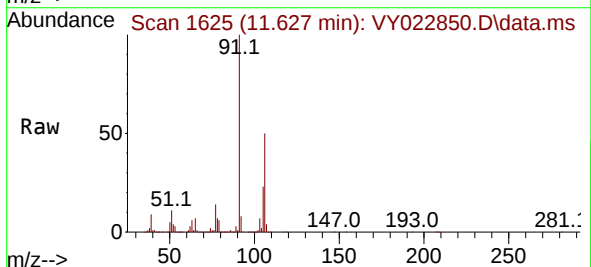
Acq: 26 Jun 2025 15:19

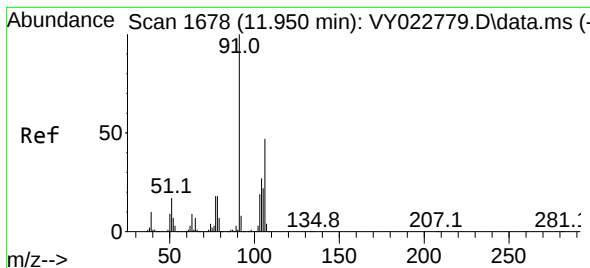
Tgt Ion:106 Resp: 976897

Ion Ratio Lower Upper

106 100

91 198.8 159.4 239.0

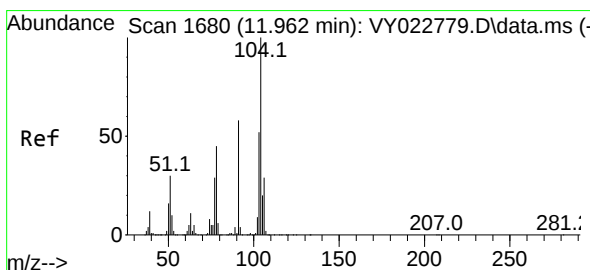
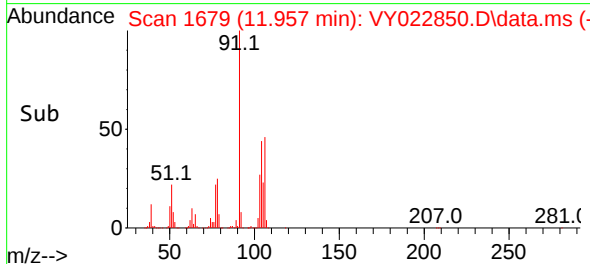
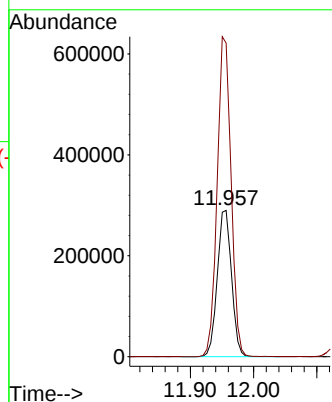
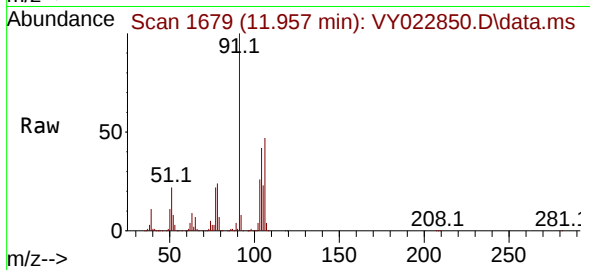




#69
o-Xylene
Concen: 50.753 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

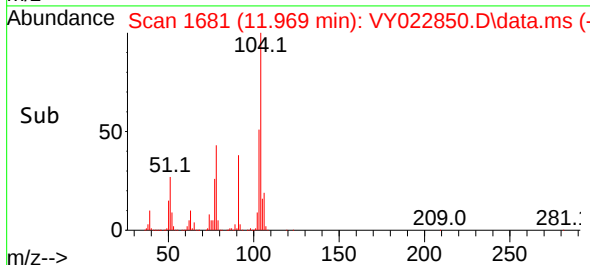
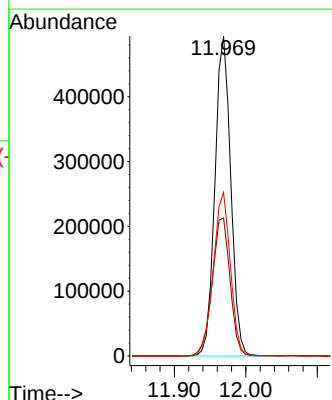
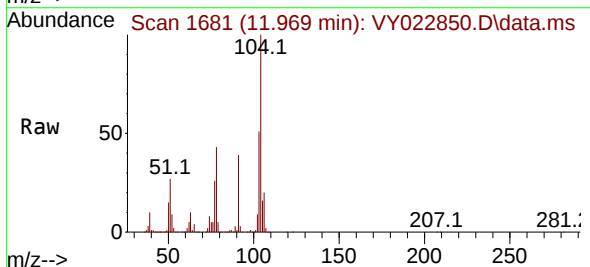
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

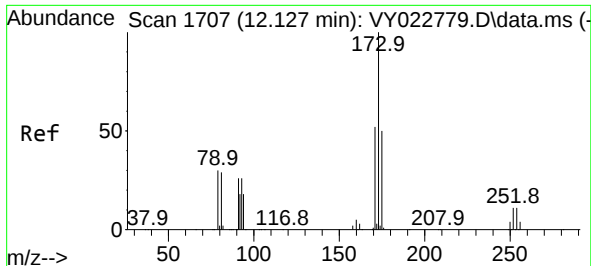
Tgt Ion:106 Resp: 450708
Ion Ratio Lower Upper
106 100
91 213.6 105.8 317.3



#70
Styrene
Concen: 50.988 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion:104 Resp: 758439
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.0 44.1 66.1

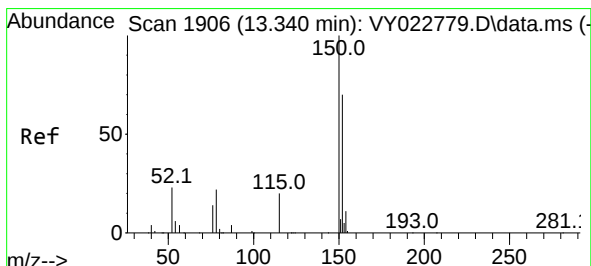
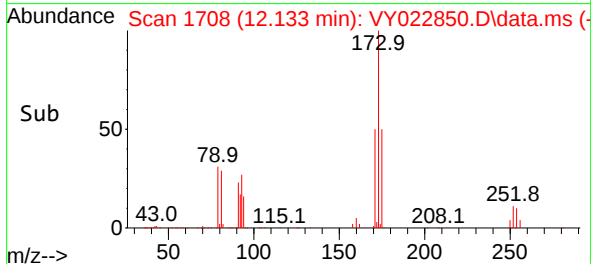
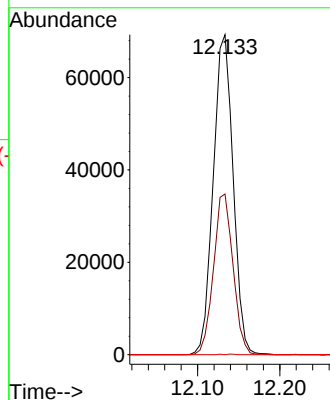
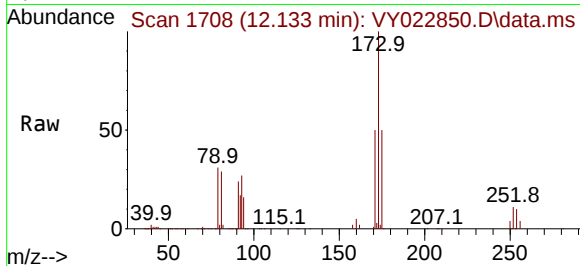




#71
Bromoform
Concen: 44.413 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

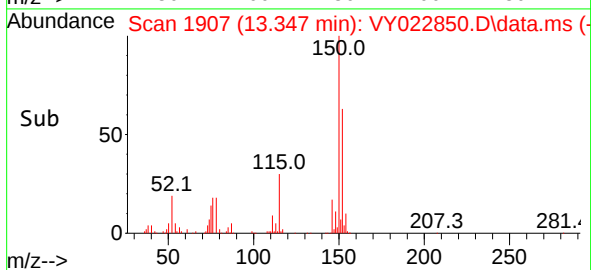
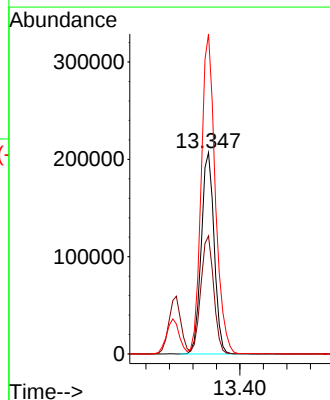
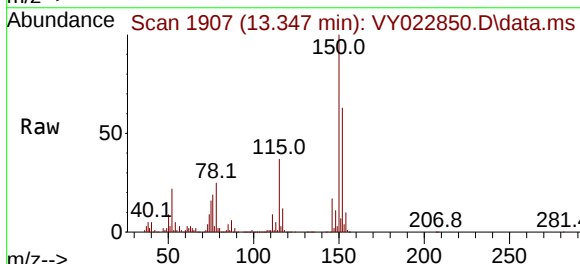
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

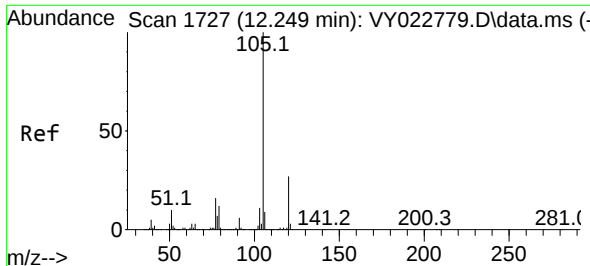
Tgt Ion:173 Resp: 116229
Ion Ratio Lower Upper
173 100
175 49.4 23.8 71.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion:152 Resp: 315611
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 172.9 0.0 349.6

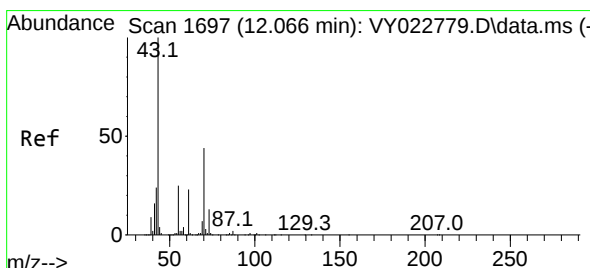
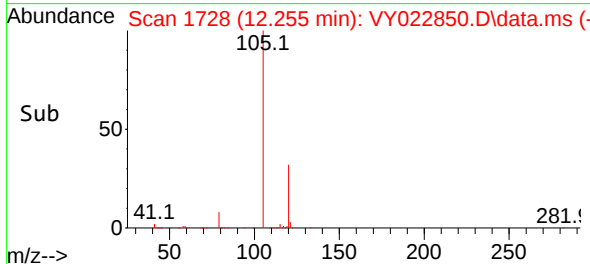
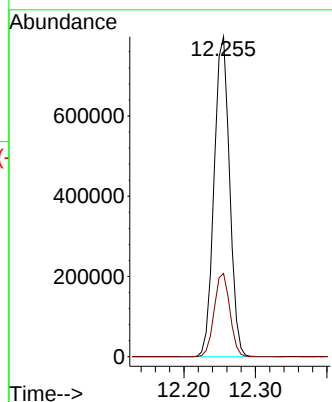
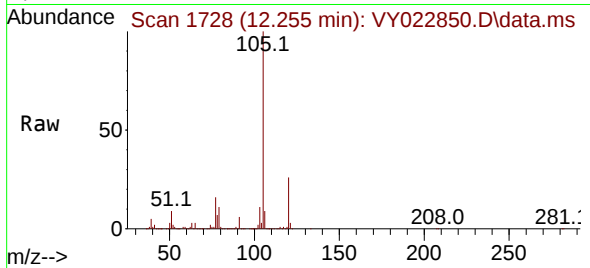




#73
Isopropylbenzene
Concen: 51.338 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

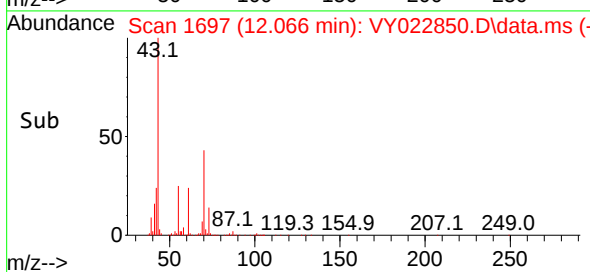
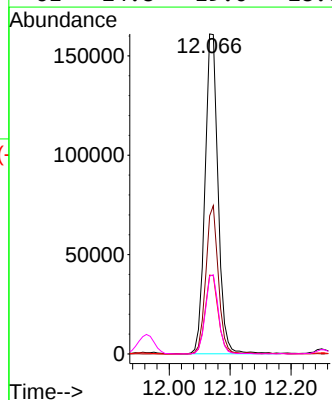
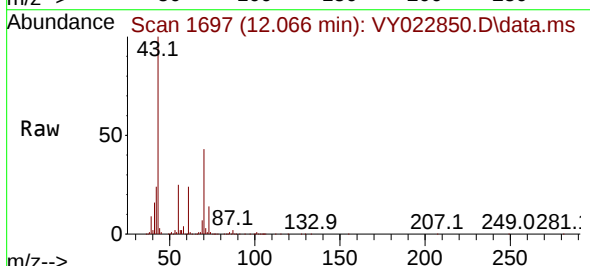
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

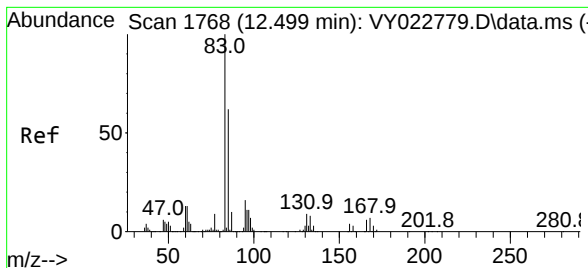
Tgt Ion:105 Resp: 1198297
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 46.005 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 43 Resp: 241033
Ion Ratio Lower Upper
43 100
70 44.3 34.2 51.2
55 24.9 18.2 27.4
61 24.8 19.0 28.6

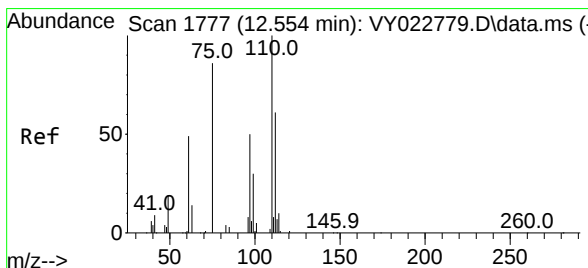
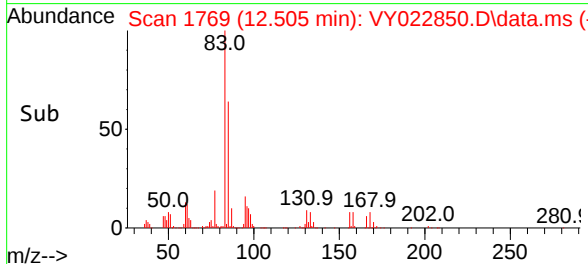
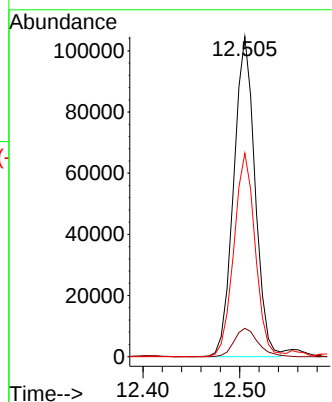
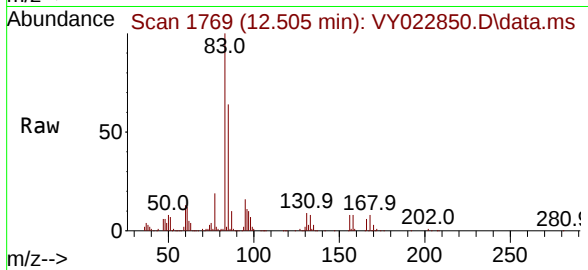




#75
1,1,2,2-Tetrachloroethane
Concen: 42.671 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

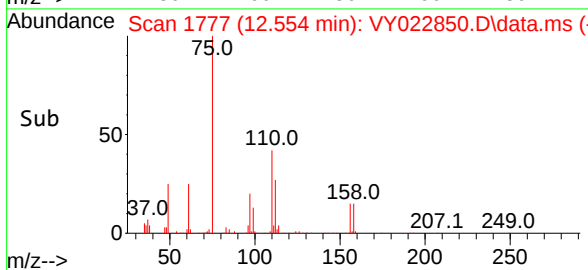
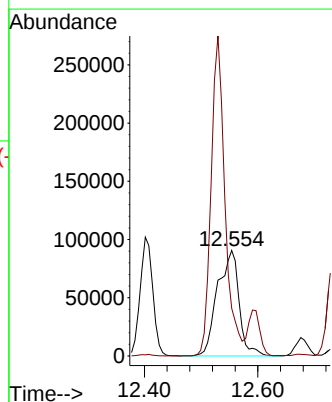
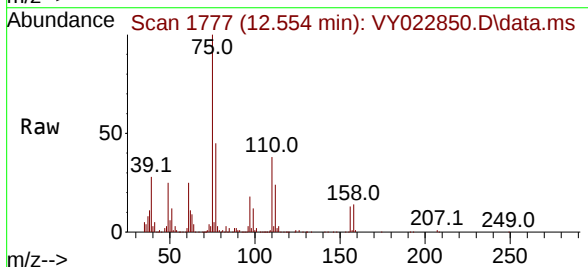
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

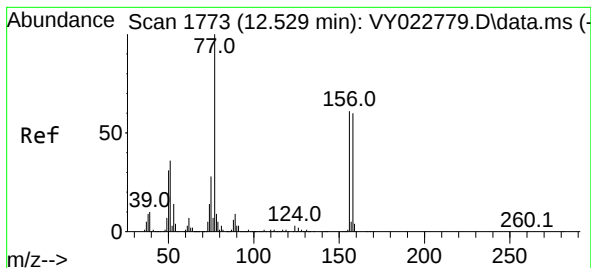
Tgt Ion: 83 Resp: 160524
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 63.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 74.103 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 75 Resp: 238769
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.131 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

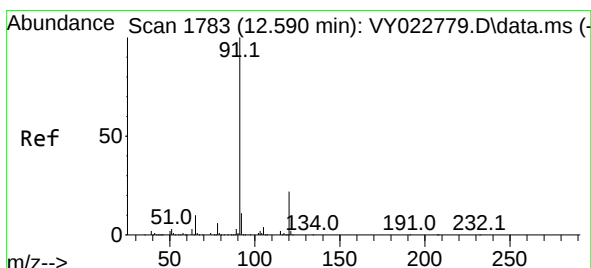
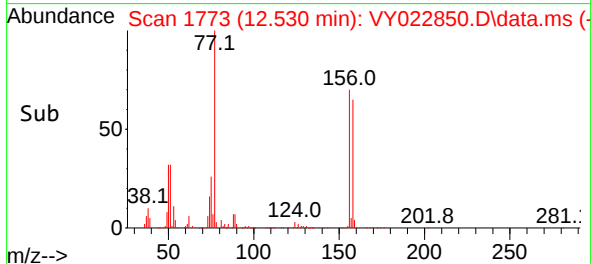
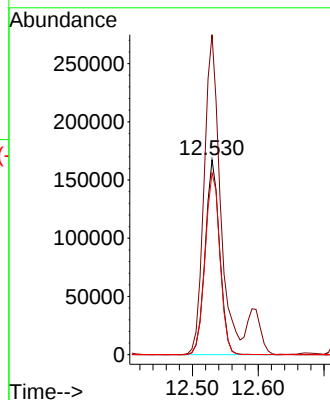
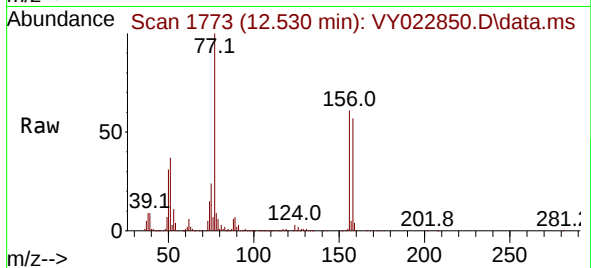
Tgt Ion:156 Resp: 254649

Ion Ratio Lower Upper

156 100

77 183.3 94.0 282.1

158 96.1 48.2 144.6



#78

n-propylbenzene

Concen: 51.888 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022850.D

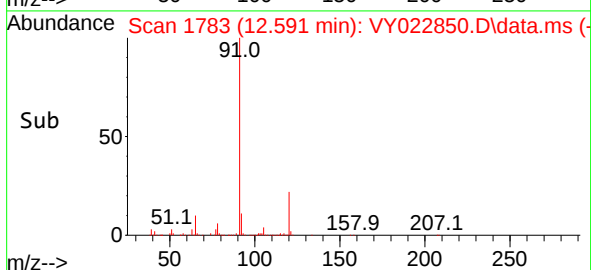
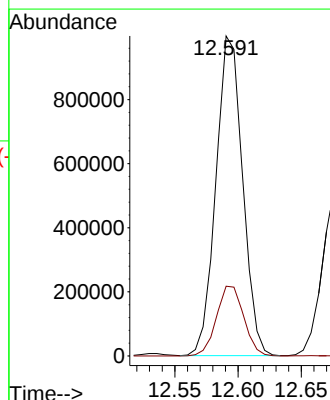
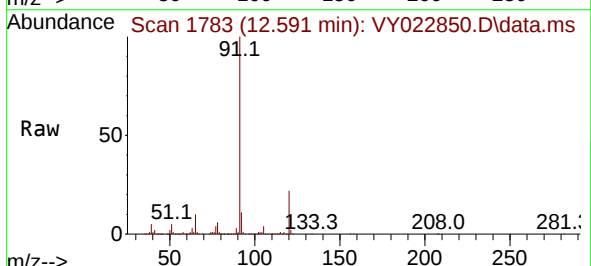
Acq: 26 Jun 2025 15:19

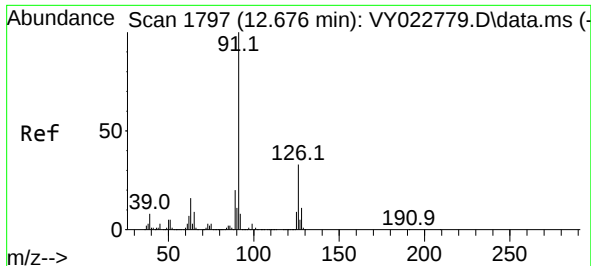
Tgt Ion: 91 Resp: 1462280

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4

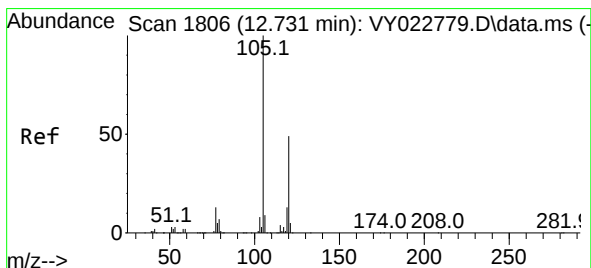
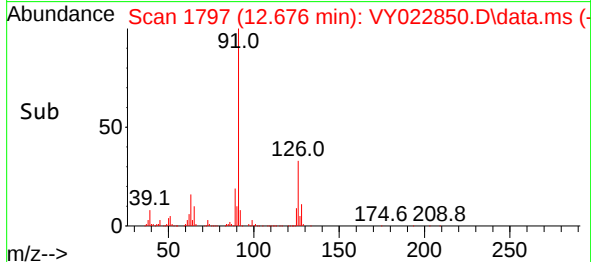
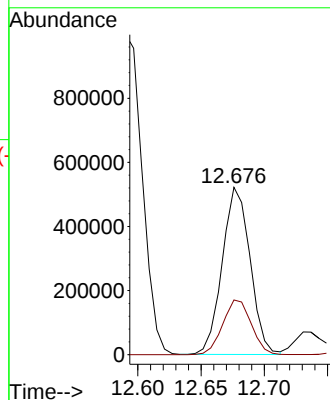
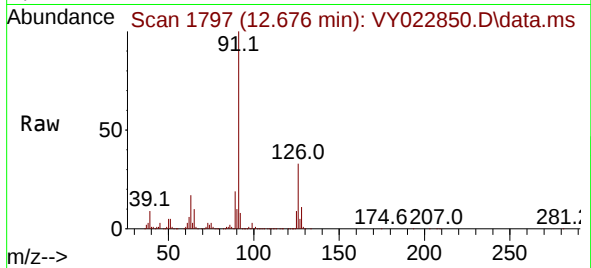




#79
2-Chlorotoluene
Concen: 50.289 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

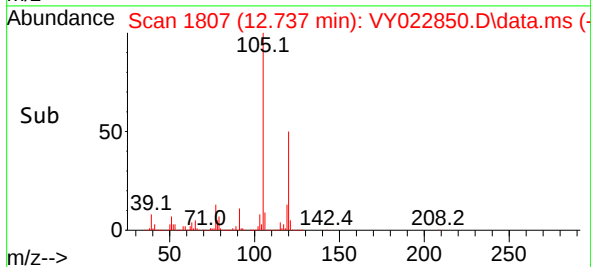
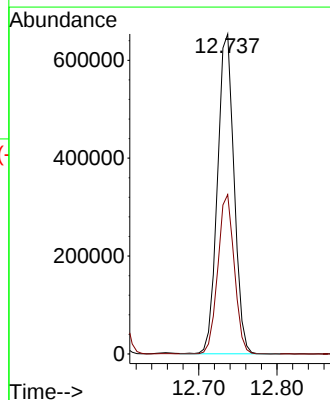
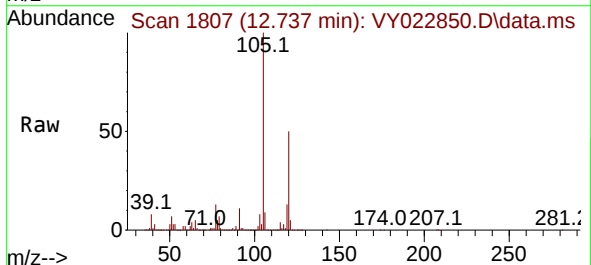
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

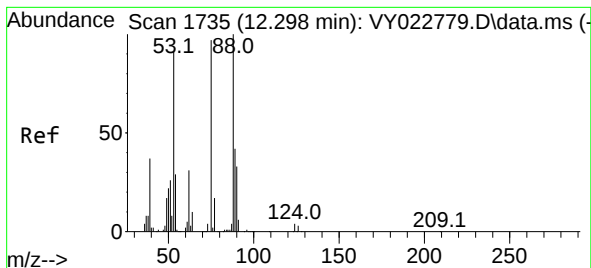
Tgt Ion: 91 Resp: 800718
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.114 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 105 Resp: 963130
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

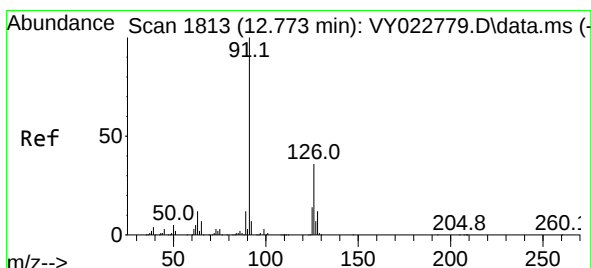
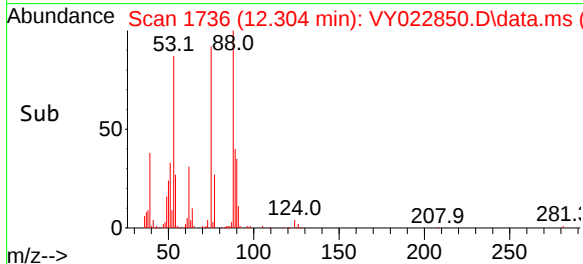
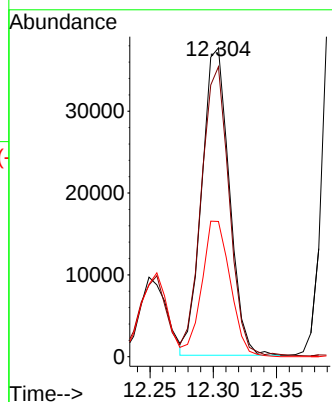
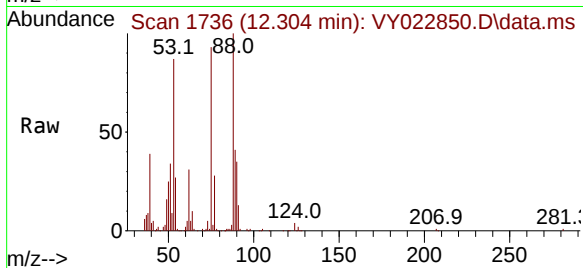




#81
trans-1,4-Dichloro-2-butene
Concen: 44.495 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

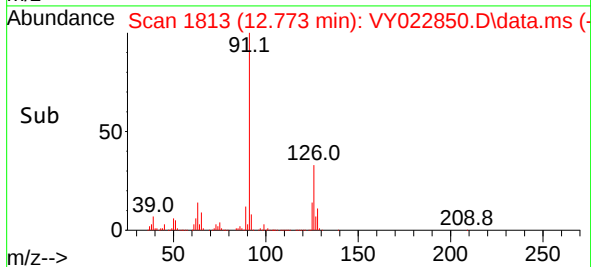
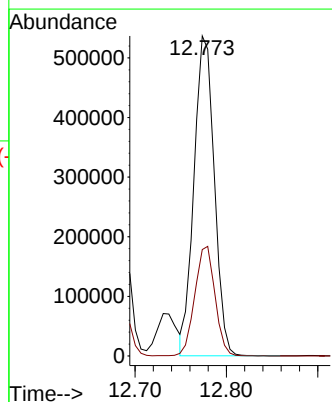
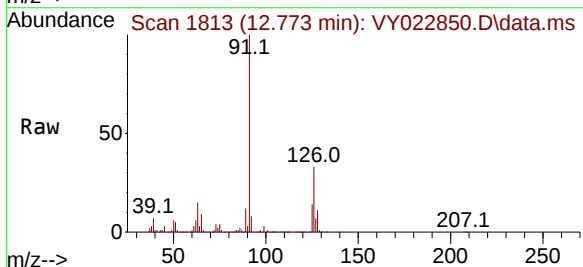
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

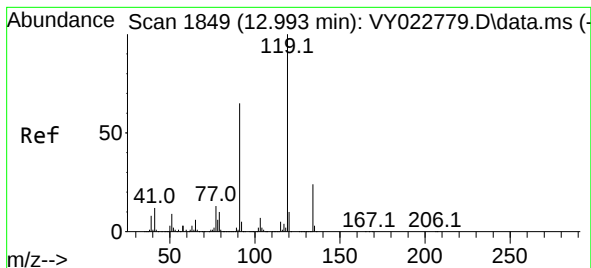
Tgt Ion: 75 Resp: 56748
Ion Ratio Lower Upper
75 100
53 95.7 78.5 117.7
89 45.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.579 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 91 Resp: 829191
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.648 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

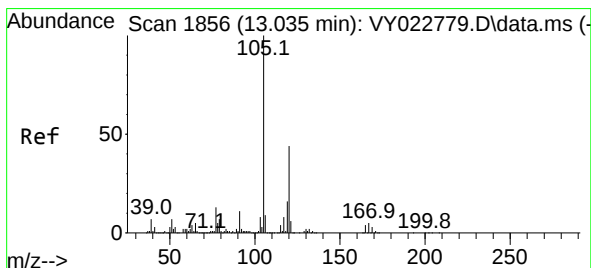
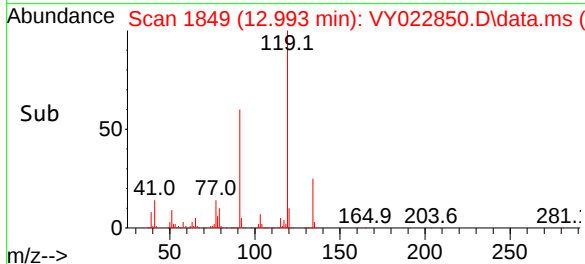
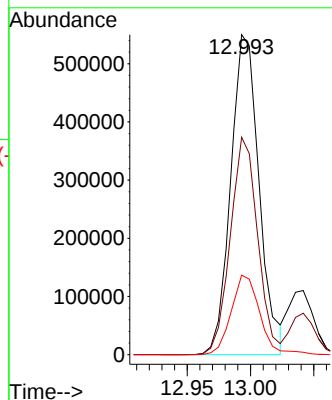
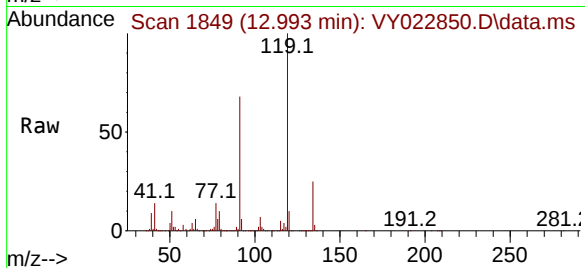
Tgt Ion:119 Resp: 858272

Ion Ratio Lower Upper

119 100

91 65.6 32.1 96.3

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.905 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022850.D

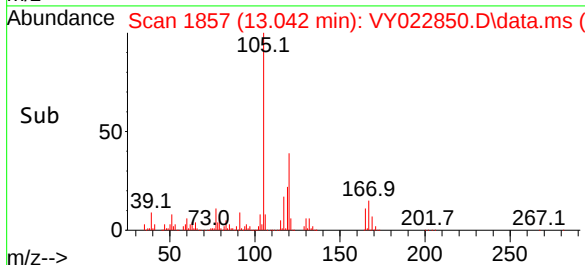
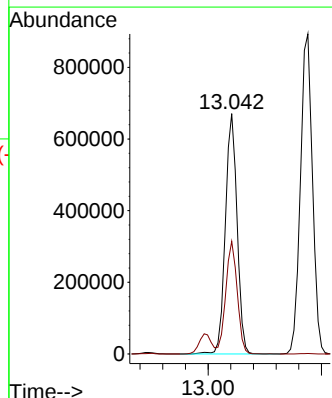
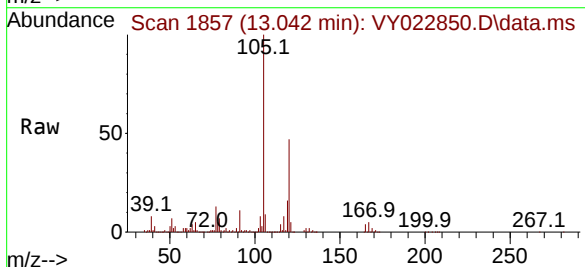
Acq: 26 Jun 2025 15:19

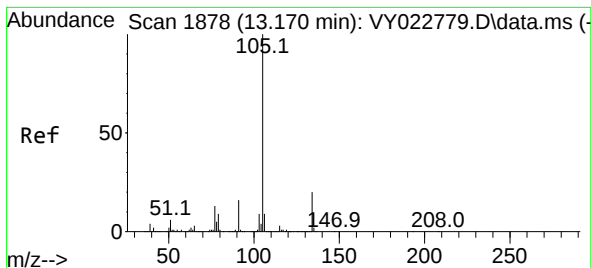
Tgt Ion:105 Resp: 960333

Ion Ratio Lower Upper

105 100

120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.484 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

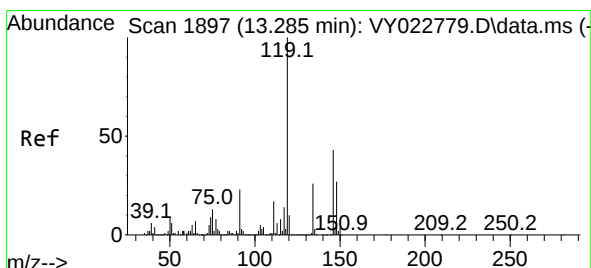
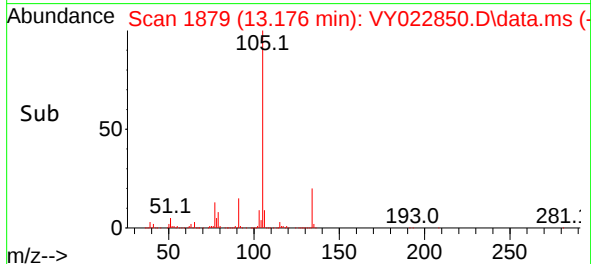
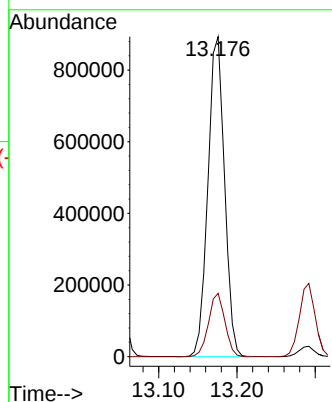
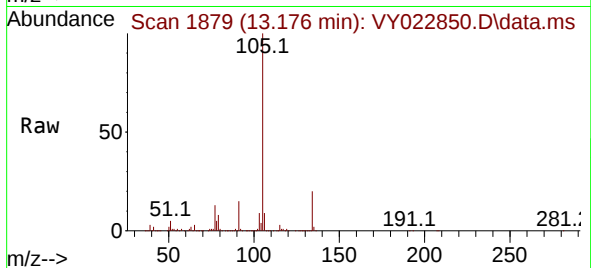
VSTDCCC050EC

Tgt Ion:105 Resp: 1312255

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.517 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

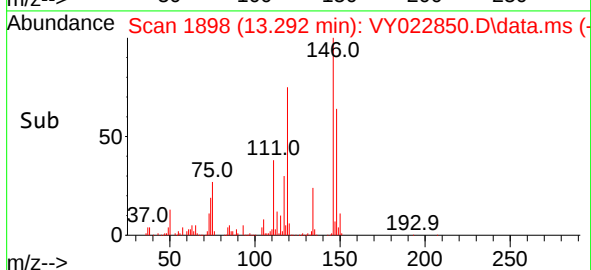
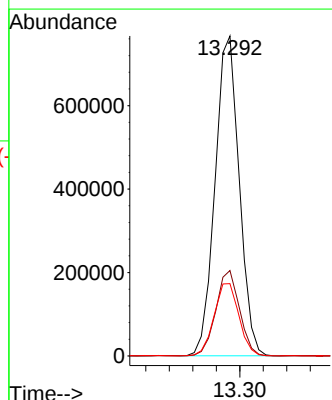
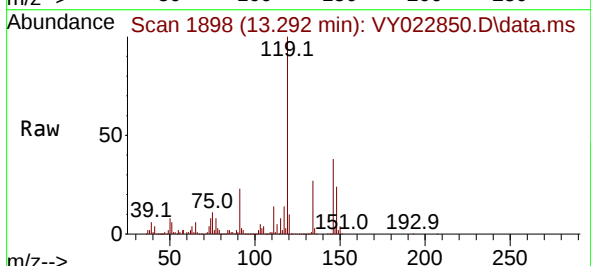
Tgt Ion:119 Resp: 1092705

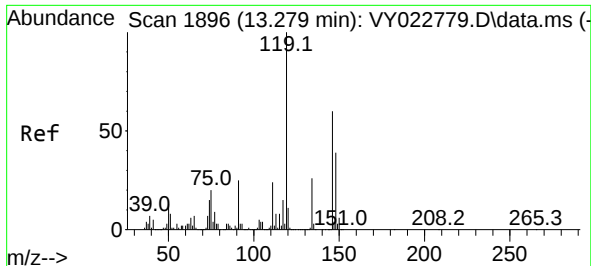
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 49.166 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

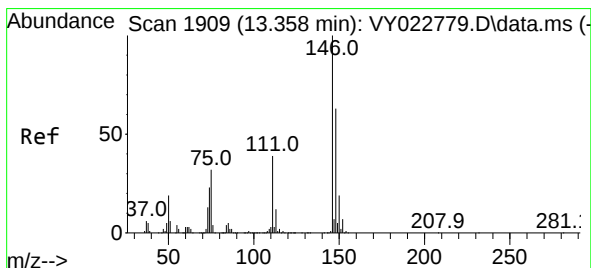
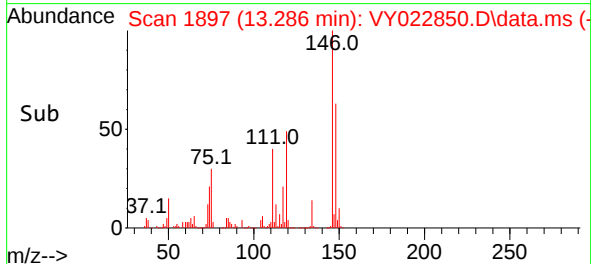
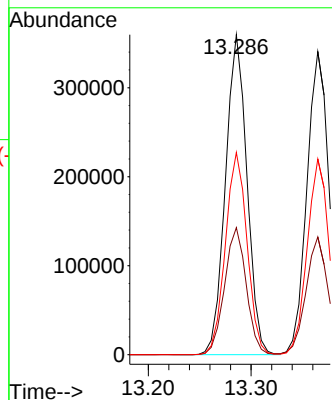
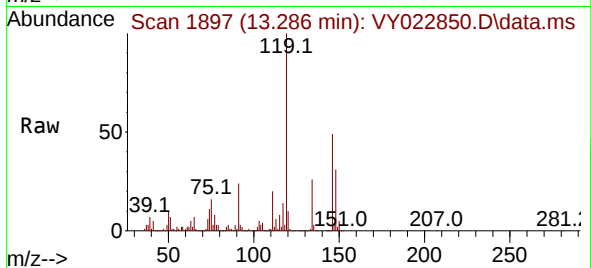
Tgt Ion:146 Resp: 522422

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 63.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.322 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

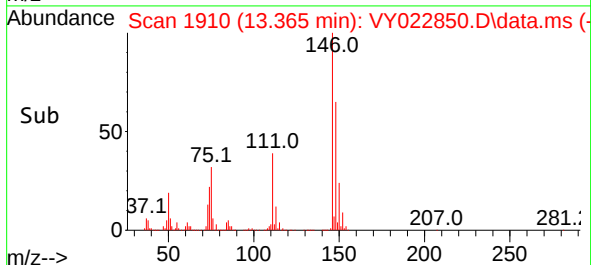
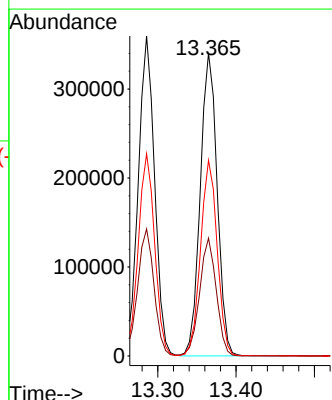
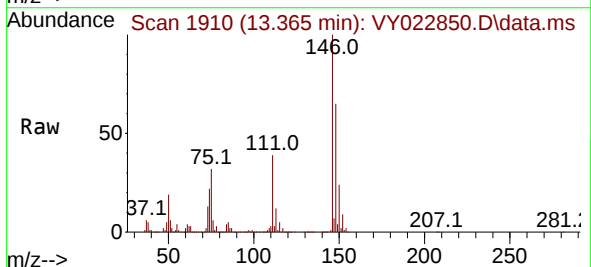
Tgt Ion:146 Resp: 510036

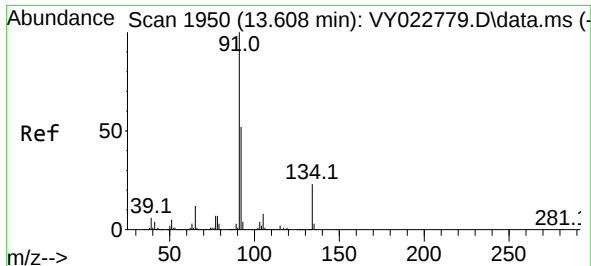
Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 52.679 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

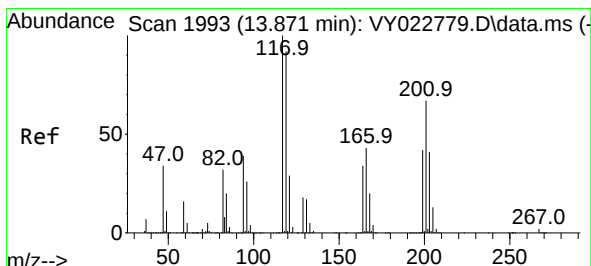
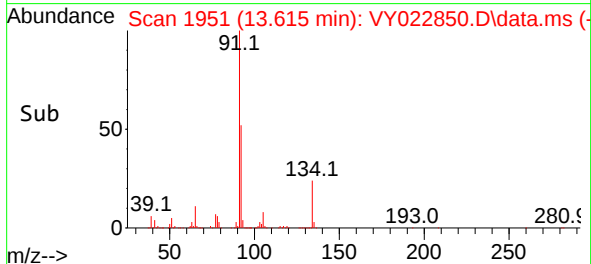
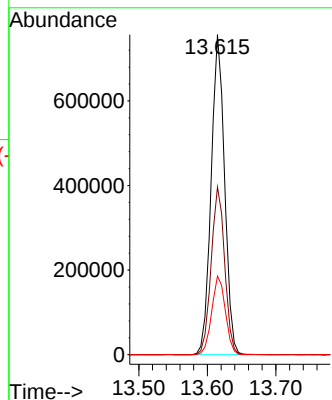
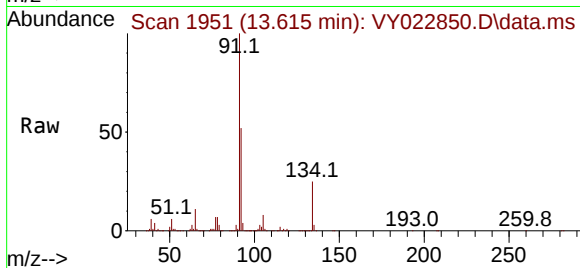
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1031016

Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.9	77.8
134	25.0	12.0	36.1



#90

Hexachloroethane

Concen: 49.148 ug/l

RT: 13.877 min Scan# 1994

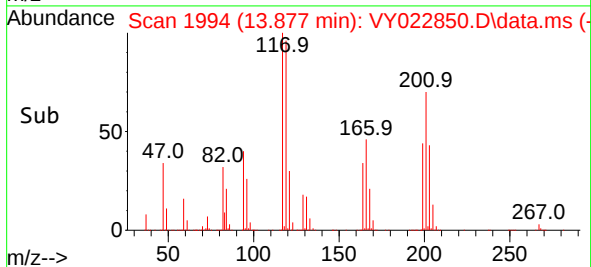
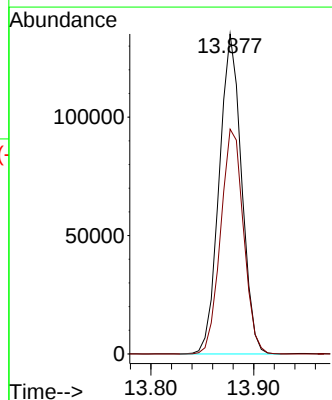
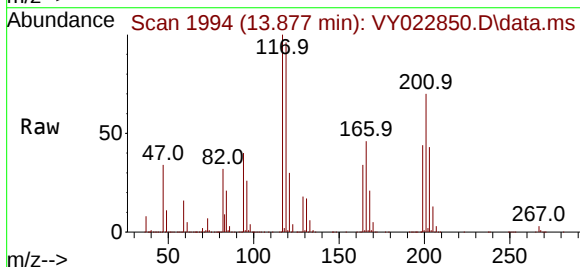
Delta R.T. -0.006 min

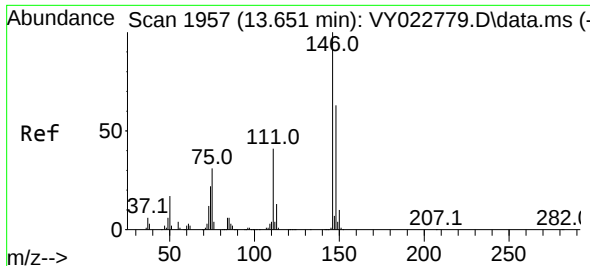
Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Tgt Ion: 117 Resp: 203675

Ion	Ratio	Lower	Upper
117	100		
201	71.9	34.0	102.0

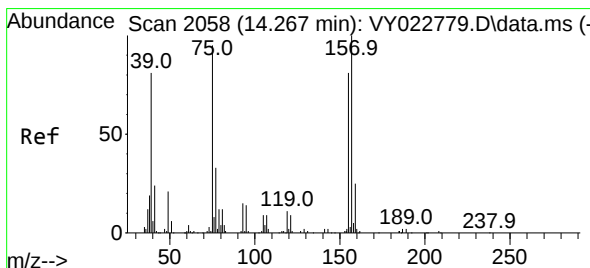
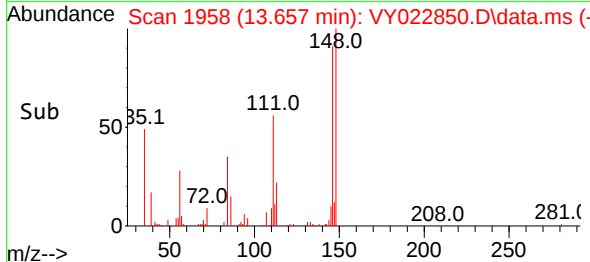
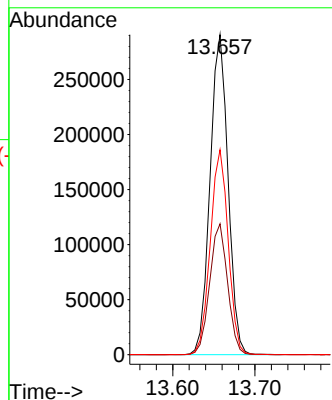
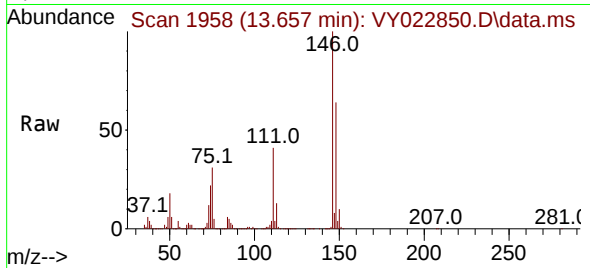




#91
1,2-Dichlorobenzene
Concen: 47.165 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

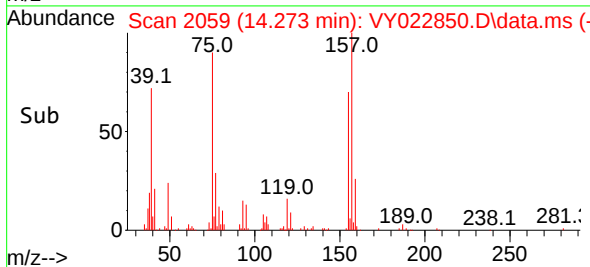
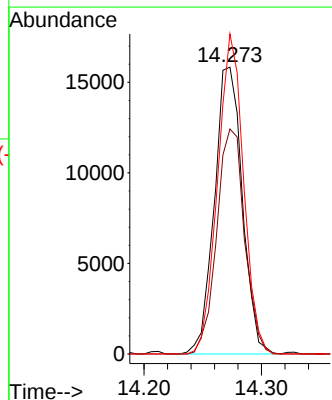
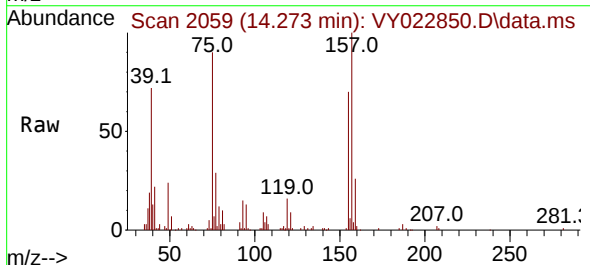
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

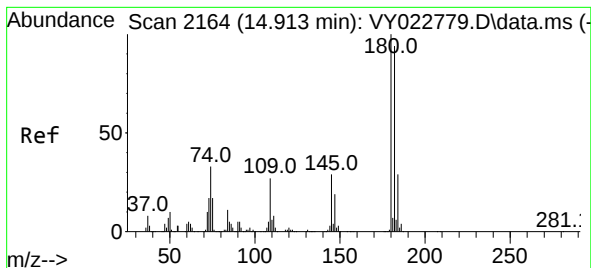
Tgt Ion:146 Resp: 441645
Ion Ratio Lower Upper
146 100
111 40.9 20.2 60.6
148 63.8 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.049 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022850.D
Acq: 26 Jun 2025 15:19

Tgt Ion: 75 Resp: 26187
Ion Ratio Lower Upper
75 100
155 78.1 39.9 119.6
157 103.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 44.497 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

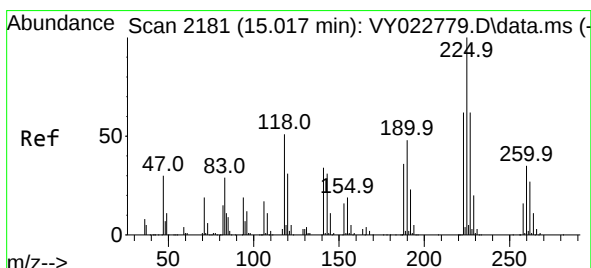
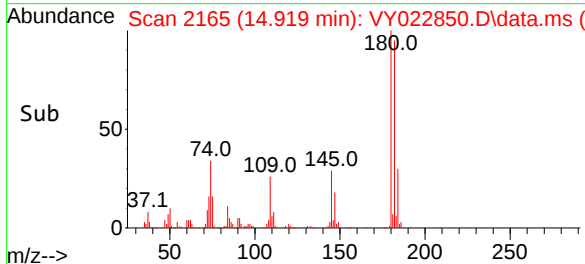
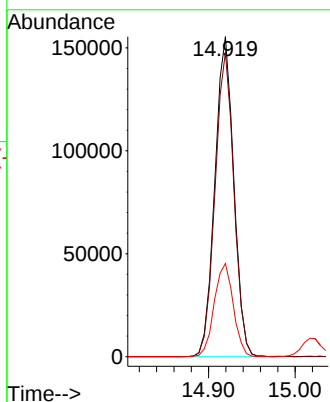
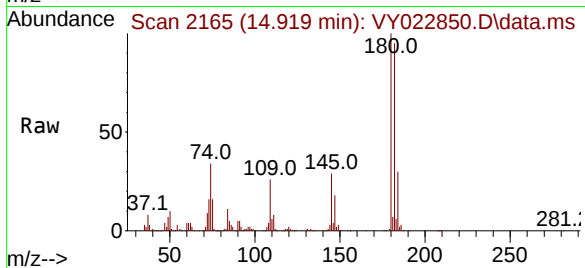
Tgt Ion:180 Resp: 235250

Ion Ratio Lower Upper

180 100

182 94.8 48.4 145.3

145 29.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 46.272 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

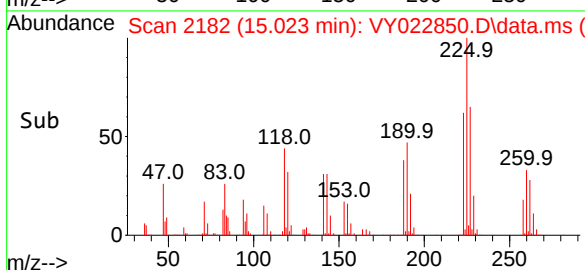
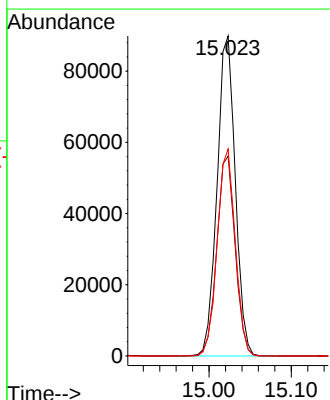
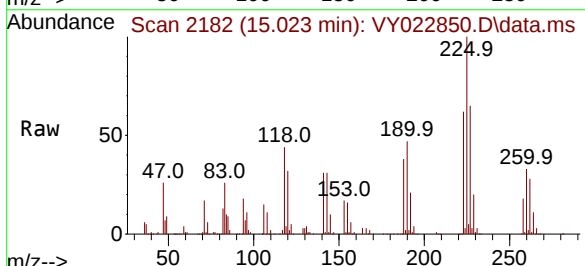
Tgt Ion:225 Resp: 138338

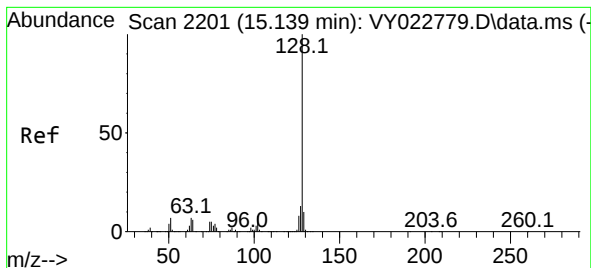
Ion Ratio Lower Upper

225 100

223 62.7 32.5 97.4

227 64.1 32.3 96.9





#95

Naphthalene

Concen: 41.603 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

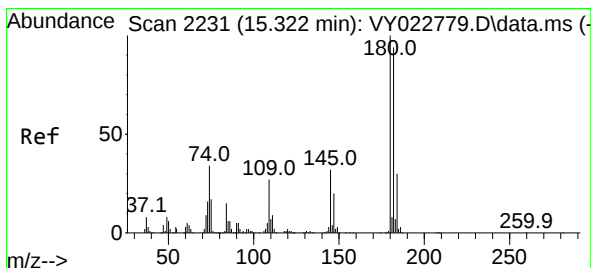
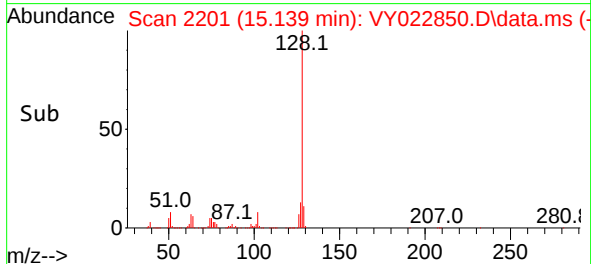
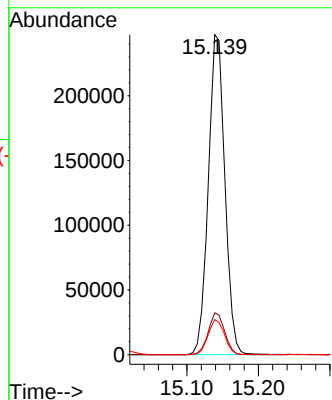
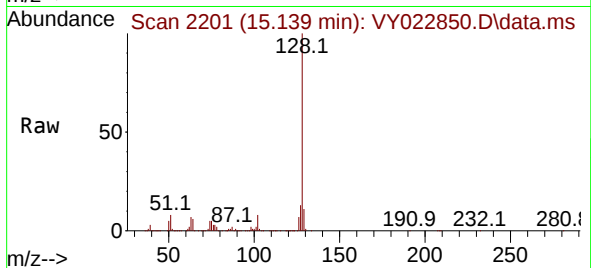
Tgt Ion:128 Resp: 397749

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 42.362 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022850.D

Acq: 26 Jun 2025 15:19

Tgt Ion:180 Resp: 193533

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 31.1 15.2 45.6

