

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022870.D
 Acq On : 27 Jun 2025 18:49
 Operator : SY/MD
 Sample : VSTDC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050EC

Quant Time: Jun 27 23:22:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	381456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	662786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	580603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	280375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216480	50.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.700%	
35) Dibromofluoromethane	7.634	113	204583	50.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.109	98	821061	51.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.402	95	256147	49.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	143317	43.937	ug/l	98
3) Chloromethane	2.068	50	294055	47.211	ug/l	100
4) Vinyl Chloride	2.202	62	378421	48.630	ug/l	99
5) Bromomethane	2.592	94	281980	46.094	ug/l	96
6) Chloroethane	2.733	64	263016	50.283	ug/l	97
7) Trichlorofluoromethane	3.056	101	385264	44.713	ug/l	98
8) Diethyl Ether	3.452	74	100301	47.131	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	183019	46.479	ug/l	98
10) Methyl Iodide	4.001	142	228099	53.205	ug/l	100
11) Tert butyl alcohol	4.866	59	56469	199.474	ug/l	98
12) 1,1-Dichloroethene	3.787	96	186949	48.419	ug/l	98
13) Acrolein	3.653	56	61714	160.768	ug/l	98
14) Allyl chloride	4.385	41	298105	50.196	ug/l	94
15) Acrylonitrile	5.055	53	211309	237.984	ug/l	99
16) Acetone	3.867	43	155087	192.729	ug/l	98
17) Carbon Disulfide	4.104	76	611430	49.019	ug/l	100
18) Methyl Acetate	4.385	43	159253	59.760	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	495124	47.095	ug/l	98
20) Methylene Chloride	4.616	84	227858	44.838	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	221232	50.134	ug/l	98
22) Diisopropyl ether	6.019	45	673566	51.071	ug/l	98
23) Vinyl Acetate	5.958	43	1620732	222.504	ug/l	99
24) 1,1-Dichloroethane	5.915	63	414442	52.023	ug/l	100
25) 2-Butanone	6.897	43	250637	214.007	ug/l	99
26) 2,2-Dichloropropane	6.890	77	302922	45.362	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	259084	50.527	ug/l	100
28) Bromochloromethane	7.244	49	172161	51.404	ug/l	93
29) Tetrahydrofuran	7.262	42	169465	229.154	ug/l	99
30) Chloroform	7.421	83	415926	50.691	ug/l	96
31) Cyclohexane	7.701	56	338359	46.270	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	357291	50.390	ug/l	98
36) 1,1-Dichloropropene	7.835	75	289047	47.310	ug/l	99
37) Ethyl Acetate	6.982	43	116715	44.270	ug/l	98
38) Carbon Tetrachloride	7.823	117	303964	47.152	ug/l	99
39) Methylcyclohexane	9.110	83	364126	46.054	ug/l	97
40) Benzene	8.079	78	943149	50.209	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	69067	42.554	ug/l	94
42) 1,2-Dichloroethane	8.158	62	246985	47.982	ug/l	99
43) Isopropyl Acetate	8.195	43	242901	44.329	ug/l	98
44) Trichloroethene	8.866	130	228137	48.373	ug/l	96
45) 1,2-Dichloropropane	9.140	63	219247	49.870	ug/l	100
46) Dibromomethane	9.231	93	116008	46.483	ug/l	96
47) Bromodichloromethane	9.420	83	313272	48.678	ug/l	98
48) Methyl methacrylate	9.219	41	119577	45.395	ug/l	94
49) 1,4-Dioxane	9.231	88	24955	846.348	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	628145	225.585	ug/l	96
52) Toluene	10.170	92	588606	49.669	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	267787	46.247	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	319373	47.570	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	152914	47.318	ug/l	97
56) Ethyl methacrylate	10.439	69	194219	44.670	ug/l	97
57) 1,3-Dichloropropane	10.719	76	269322	47.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	521669	229.646	ug/l	99
59) 2-Hexanone	10.762	43	404578	213.709	ug/l	98
60) Dibromochloromethane	10.914	129	194518	46.600	ug/l	98
61) 1,2-Dibromoethane	11.012	107	141969	46.946	ug/l	97
64) Tetrachloroethene	10.646	164	269634	49.159	ug/l	99
65) Chlorobenzene	11.438	112	619261	48.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	207370	47.990	ug/l	99
67) Ethyl Benzene	11.518	91	1114724	49.731	ug/l	99
68) m/p-Xylenes	11.627	106	855101	98.686	ug/l	99
69) o-Xylene	11.957	106	402321	49.277	ug/l	99
70) Styrene	11.969	104	677950	49.572	ug/l	99
71) Bromoform	12.127	173	106217	44.146	ug/l #	98
73) Isopropylbenzene	12.255	105	1033584	49.846	ug/l	99
74) N-amyl acetate	12.072	43	193144	41.497	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	147983	44.281	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	216503	75.637	ug/l #	100
77) Bromobenzene	12.530	156	226142	48.115	ug/l	99
78) n-propylbenzene	12.591	91	1244260	49.700	ug/l	99
79) 2-Chlorotoluene	12.676	91	706358	49.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	832452	49.731	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	47710	42.110	ug/l	100
82) 4-Chlorotoluene	12.774	91	726133	48.874	ug/l	100
83) tert-Butylbenzene	12.993	119	742464	50.294	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	844291	50.378	ug/l	99
85) sec-Butylbenzene	13.176	105	1097999	49.434	ug/l	99
86) p-Isopropyltoluene	13.292	119	899977	48.690	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	455787	48.286	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	449463	47.935	ug/l	99
89) n-Butylbenzene	13.615	91	834032	47.970	ug/l	99
90) Hexachloroethane	13.877	117	180506	49.031	ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	390618	46.958	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23491	41.450	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	197398	42.029	ug/l	98
94) Hexachlorobutadiene	15.023	225	113732	42.823	ug/l	99
95) Naphthalene	15.139	128	355075	41.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	171568	42.274	ug/l	99

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

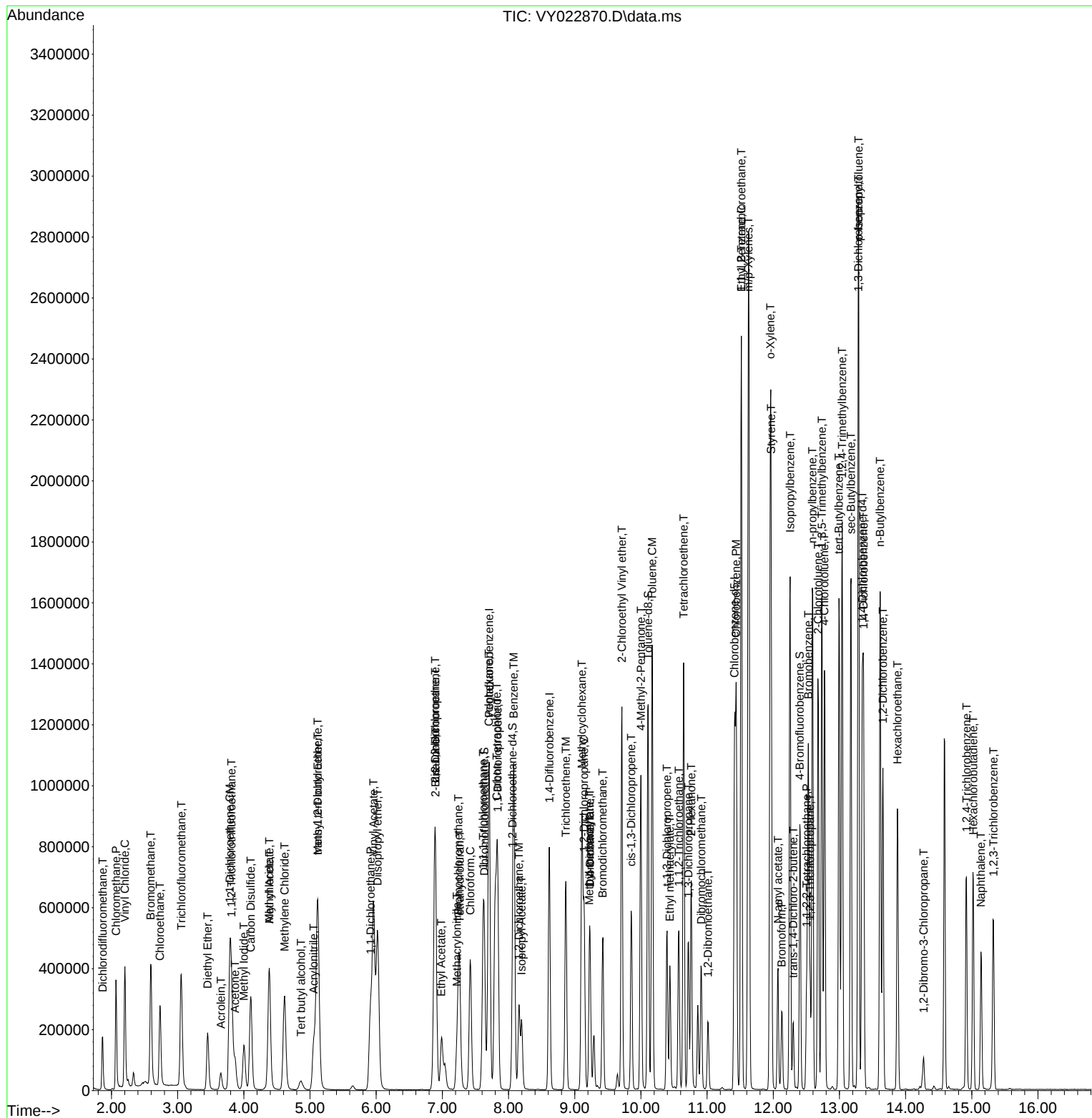
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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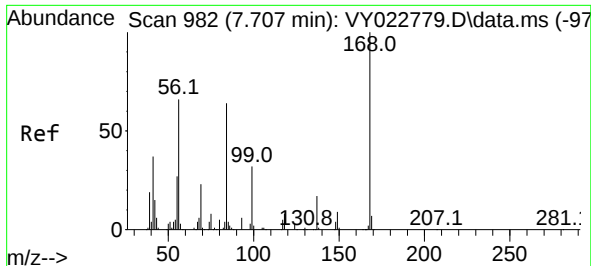
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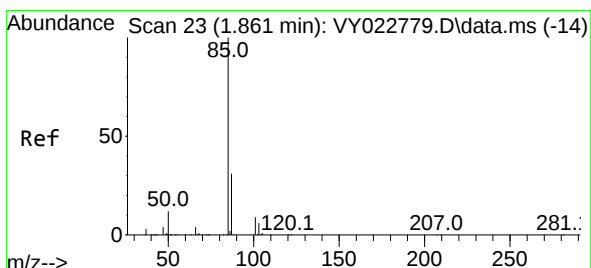
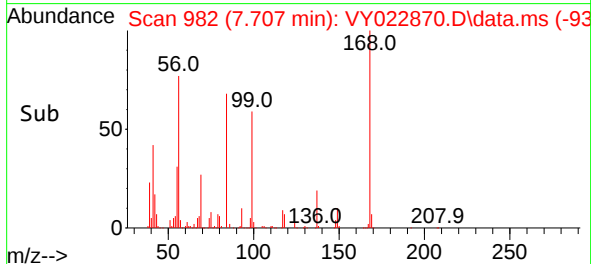
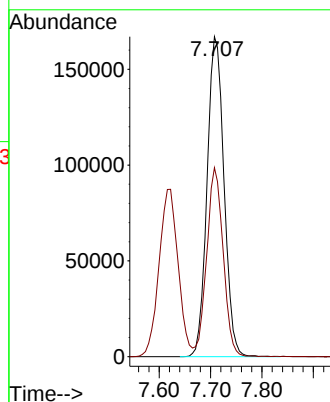
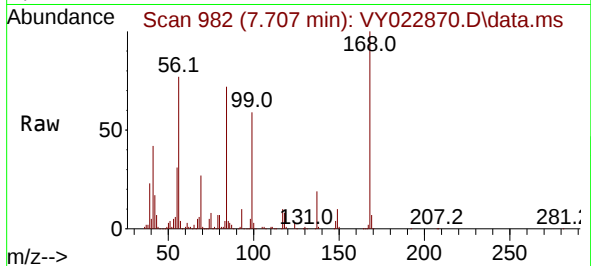




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022870.D
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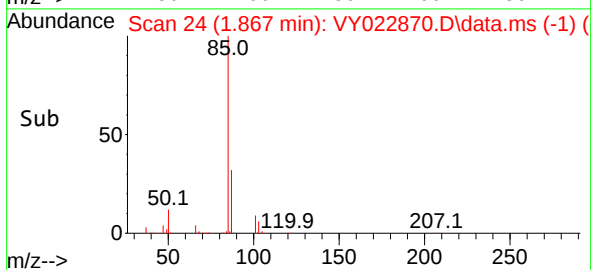
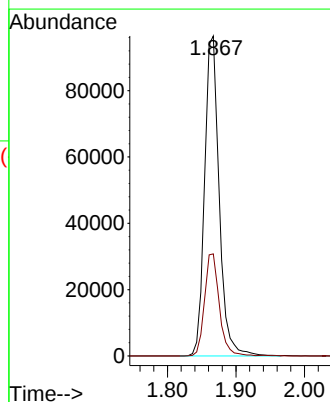
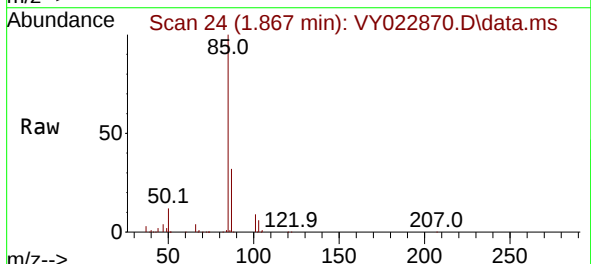
Instrument :
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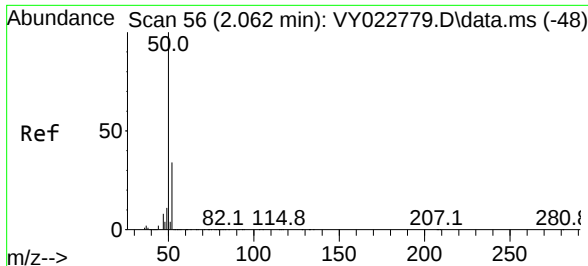
Tgt Ion:168 Resp: 381456
Ion Ratio Lower Upper
168 100
99 59.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.937 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 85 Resp: 143317
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0

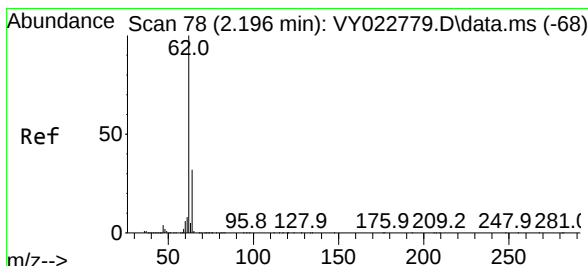
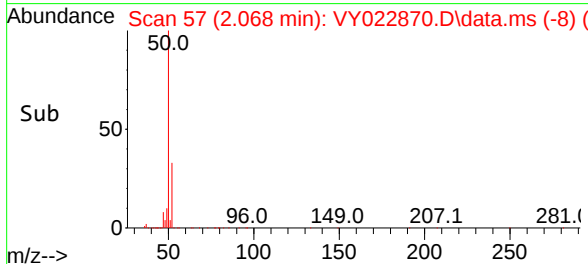
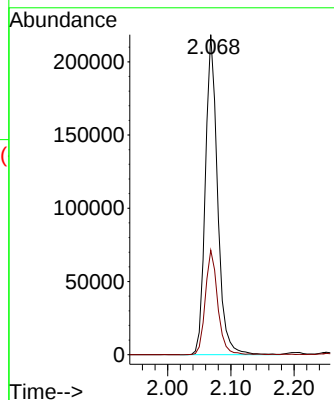
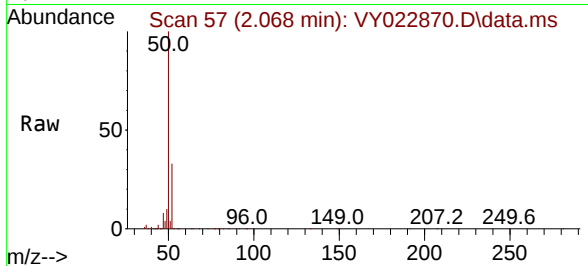




#3
Chloromethane
Concen: 47.211 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

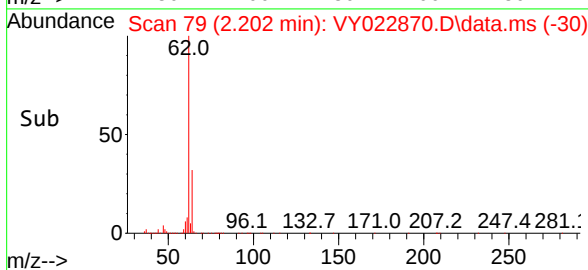
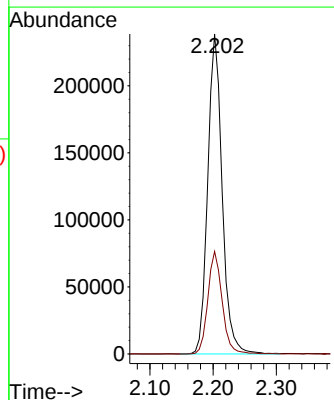
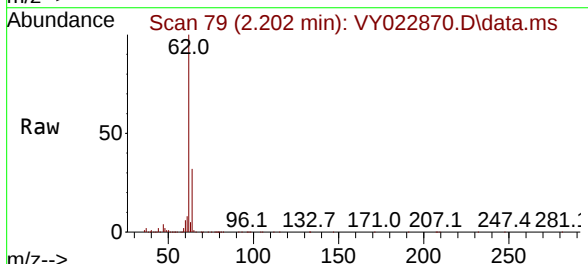
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ClientSampleId :
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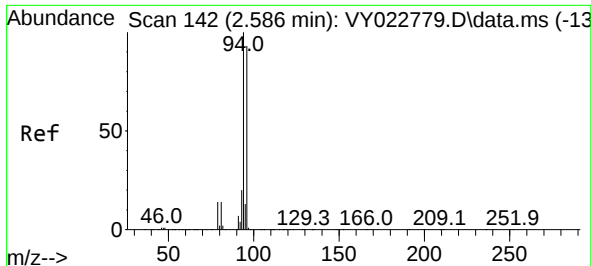
Tgt Ion: 50 Resp: 294055
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 48.630 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 62 Resp: 378421
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

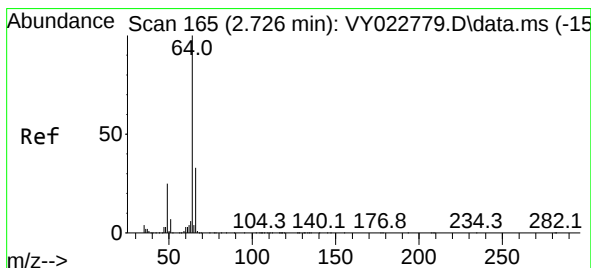
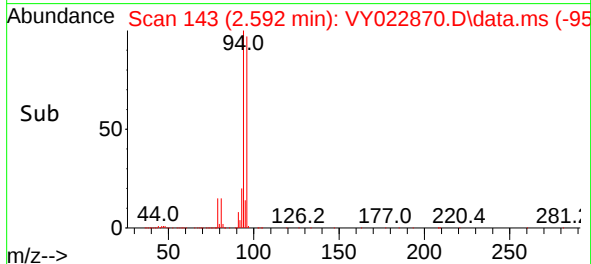
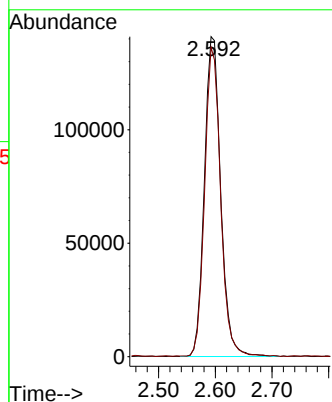
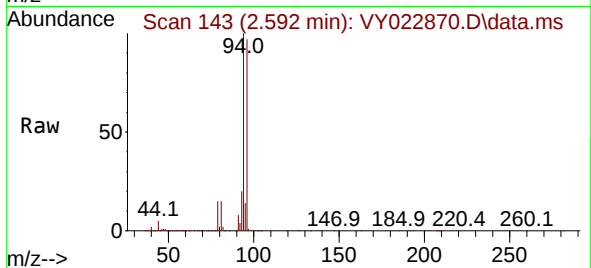




#5
Bromomethane
Concen: 46.094 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022870.D
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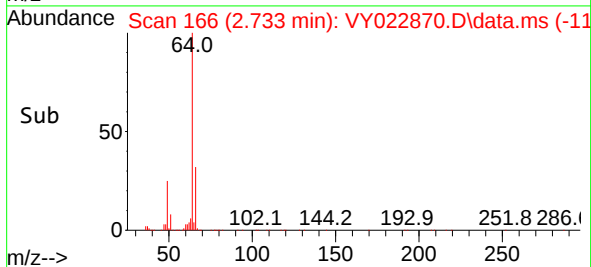
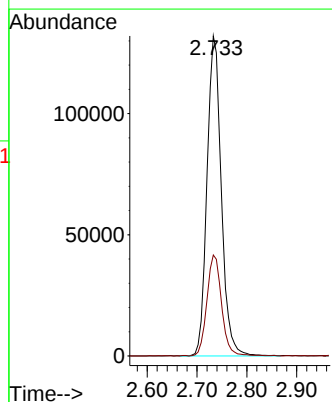
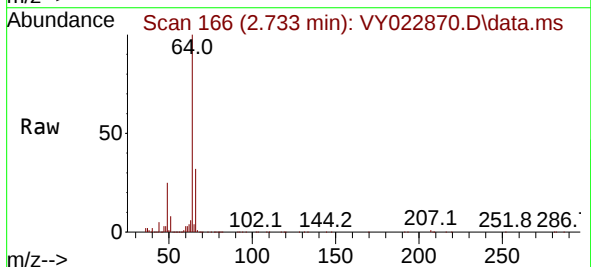
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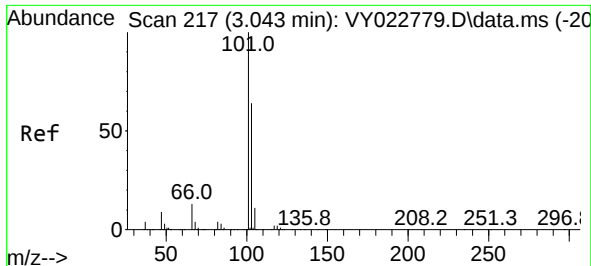
Tgt Ion: 94 Resp: 281980
Ion Ratio Lower Upper
94 100
96 96.5 74.0 111.0



#6
Chloroethane
Concen: 50.283 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022870.D
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Tgt Ion: 64 Resp: 263016
Ion Ratio Lower Upper
64 100
66 31.5 23.8 35.6

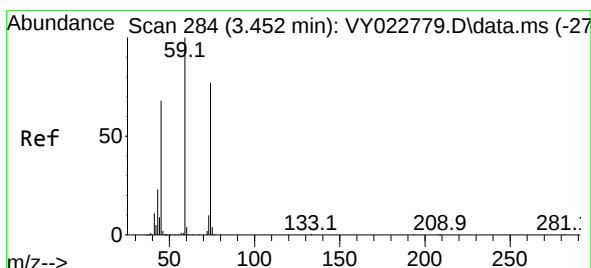
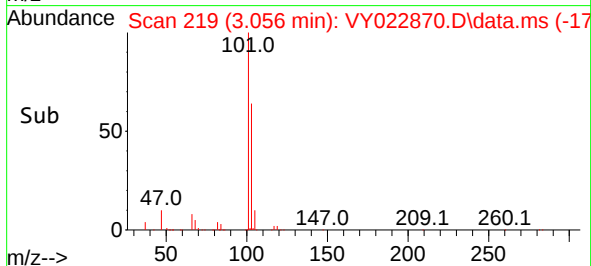
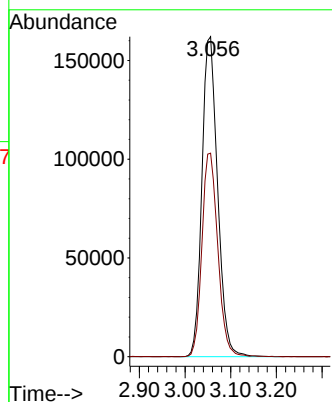
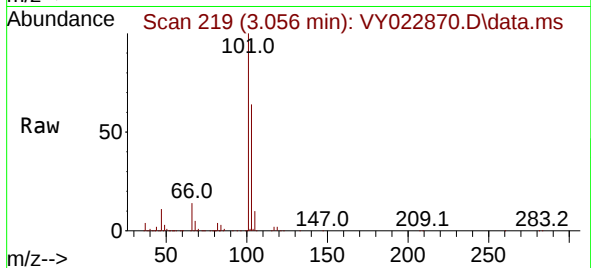




#7
 Trichlorofluoromethane
 Concen: 44.713 ug/l
 RT: 3.056 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

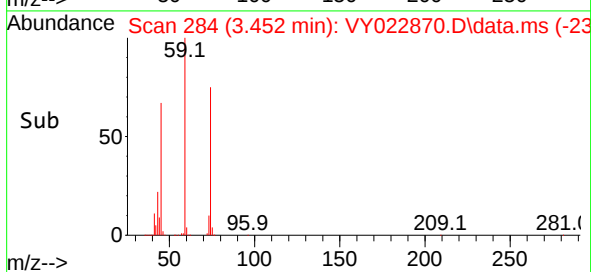
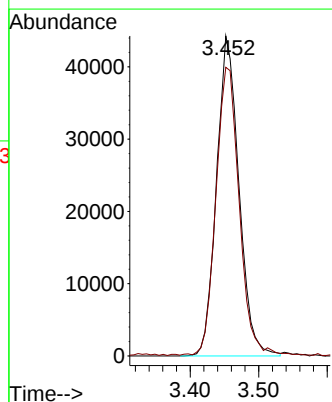
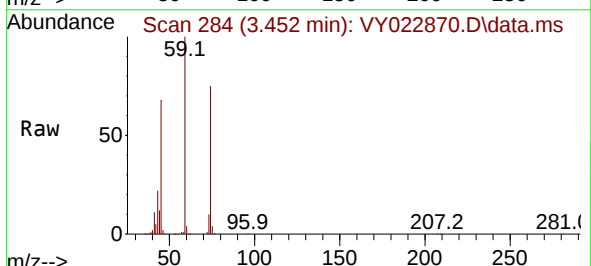
Instrument :
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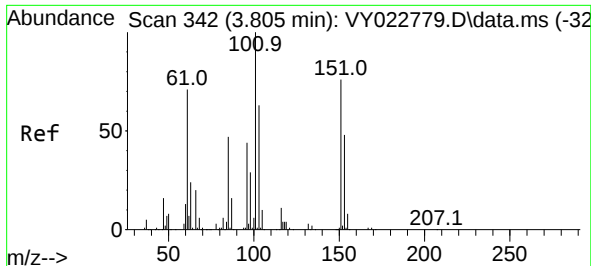
Tgt Ion:101 Resp: 385264
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.2



#8
 Diethyl Ether
 Concen: 47.131 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022870.D
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Tgt Ion: 74 Resp: 100301
 Ion Ratio Lower Upper
 74 100
 45 93.6 45.9 137.6

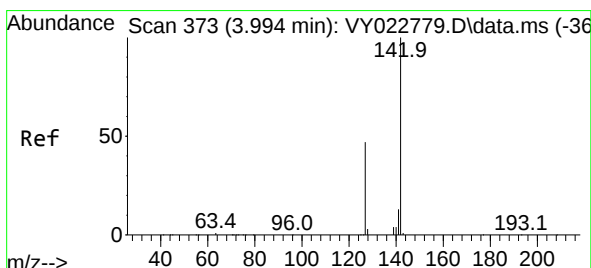
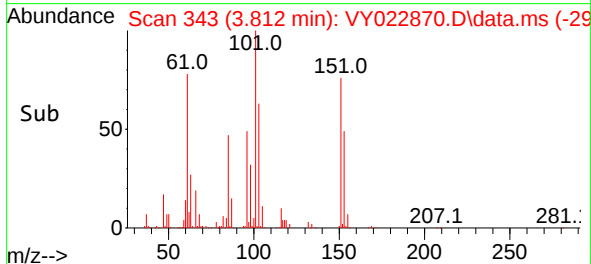
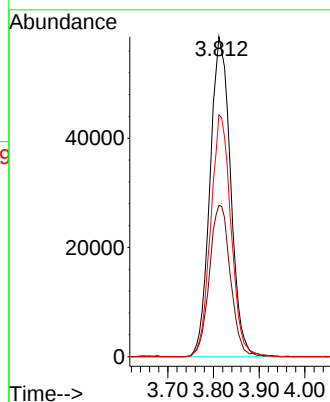
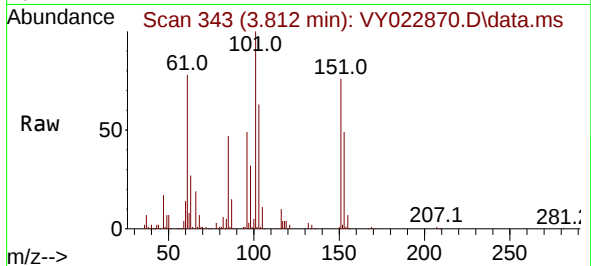




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.479 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

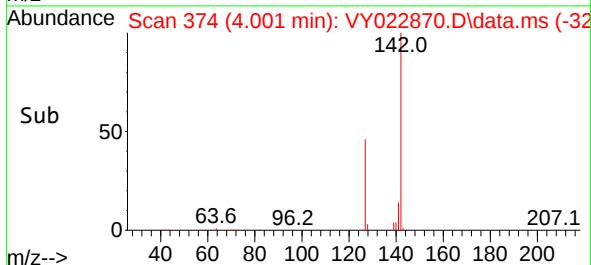
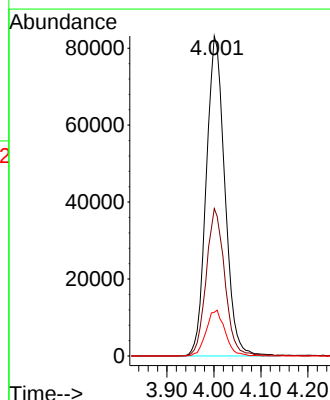
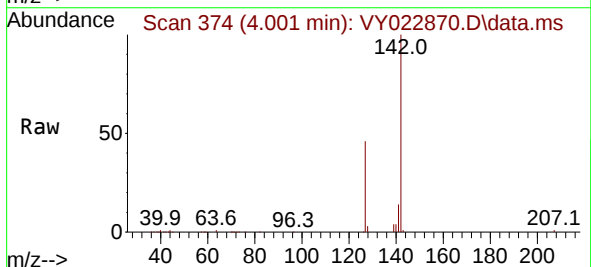
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

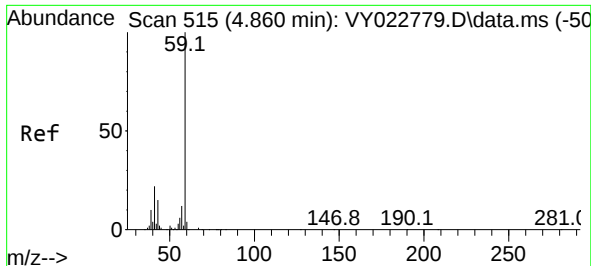
Tgt Ion:101 Resp: 183019
Ion Ratio Lower Upper
101 100
85 48.2 39.3 58.9
151 74.7 57.8 86.8



#10
Methyl Iodide
Concen: 53.205 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:142 Resp: 228099
Ion Ratio Lower Upper
142 100
127 46.1 37.1 55.7
141 14.5 11.4 17.2

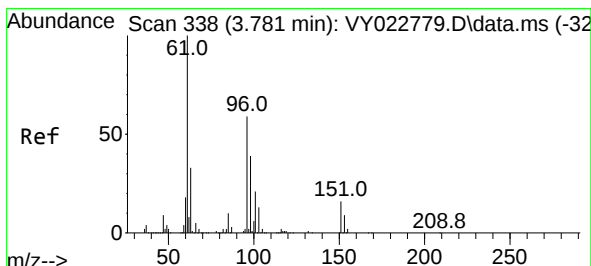
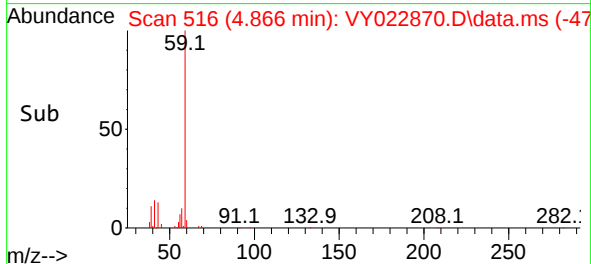
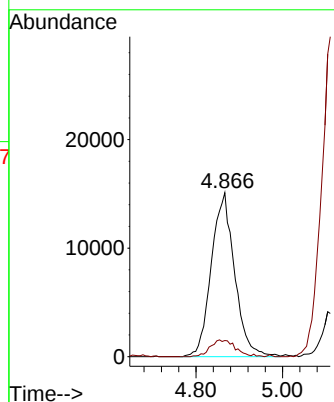
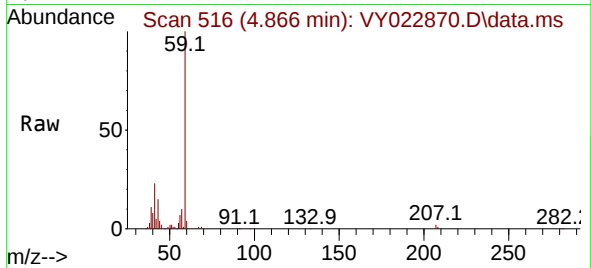




#11
Tert butyl alcohol
Concen: 199.474 ug/l
RT: 4.866 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

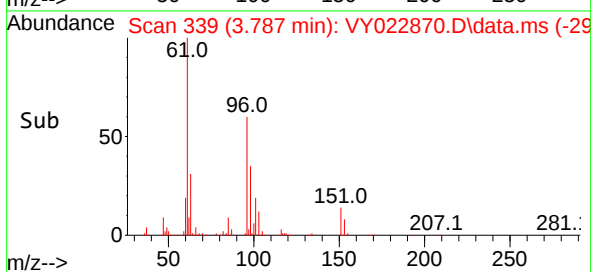
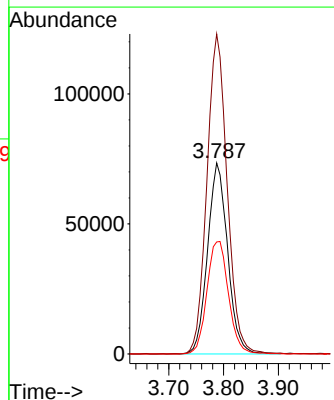
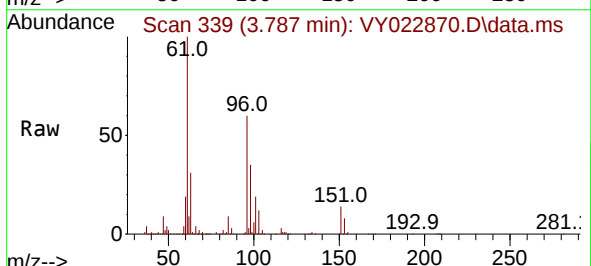
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

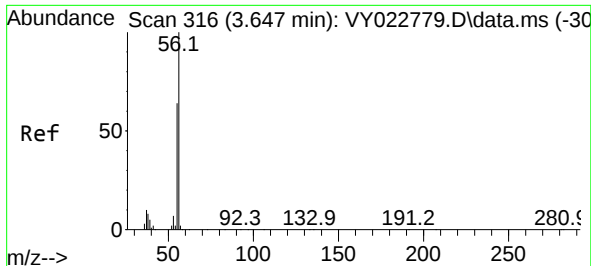
Tgt Ion: 59 Resp: 56469
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.419 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 96 Resp: 186949
Ion Ratio Lower Upper
96 100
61 167.3 134.6 201.8
98 58.6 50.2 75.4

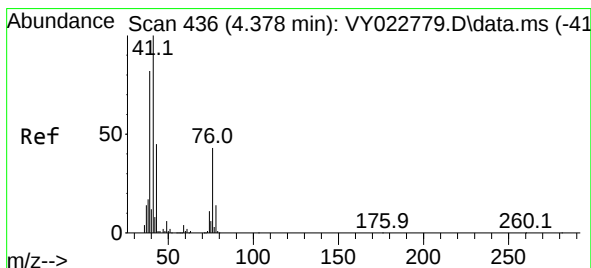
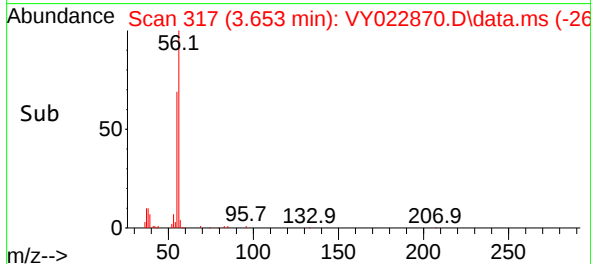
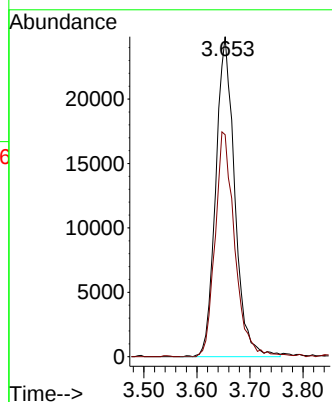
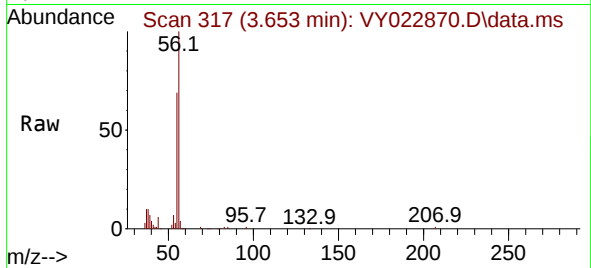




#13
Acrolein
Concen: 160.768 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

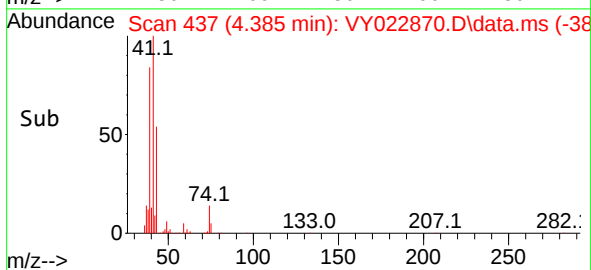
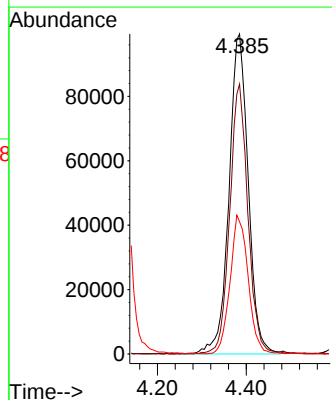
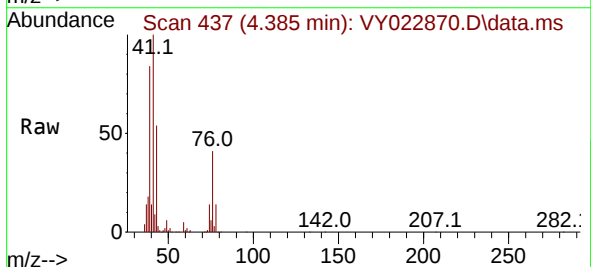
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

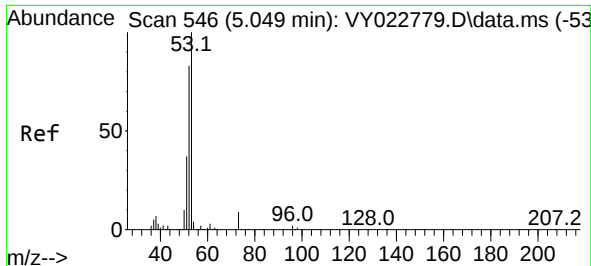
Tgt Ion: 56 Resp: 61714
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.6



#14
Allyl chloride
Concen: 50.196 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 41 Resp: 298105
Ion Ratio Lower Upper
41 100
39 79.6 69.1 103.7
76 40.7 33.5 50.3

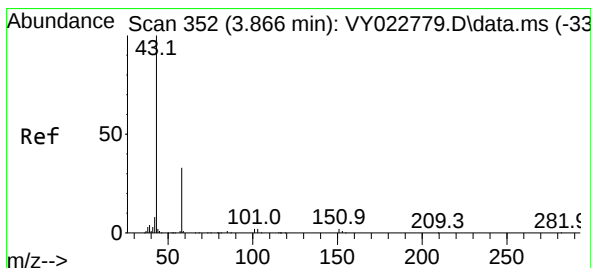
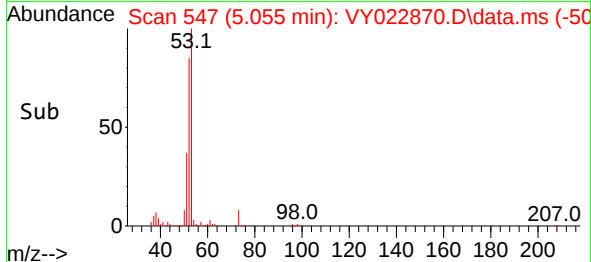
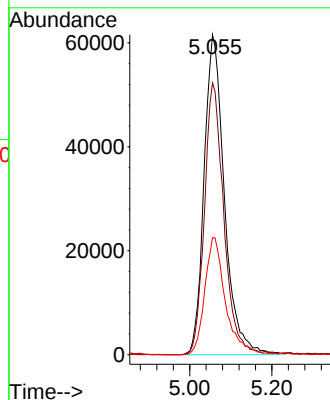
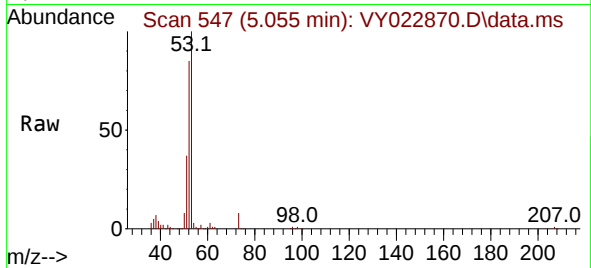




#15
Acrylonitrile
Concen: 237.984 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

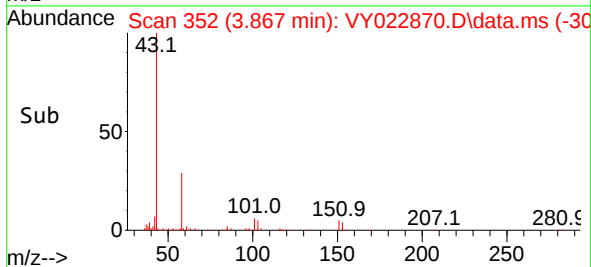
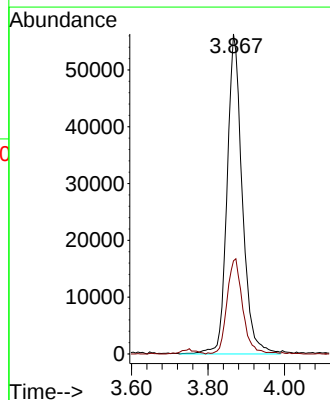
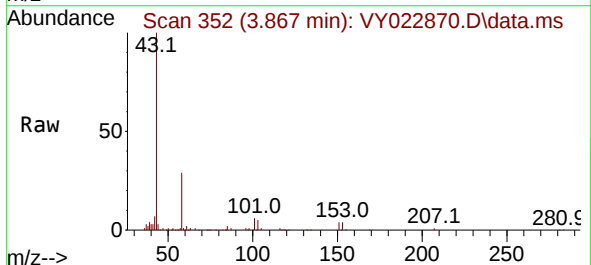
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

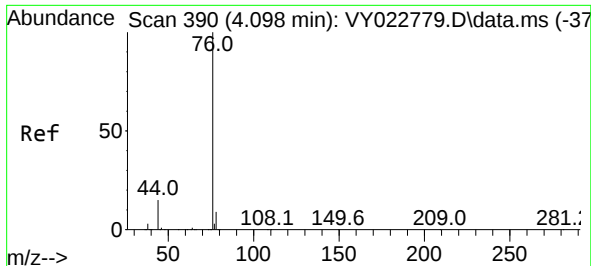
Tgt Ion: 53 Resp: 211309
Ion Ratio Lower Upper
53 100
52 80.9 65.7 98.5
51 37.2 30.1 45.1



#16
Acetone
Concen: 192.729 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 43 Resp: 155087
Ion Ratio Lower Upper
43 100
58 28.9 24.0 36.0

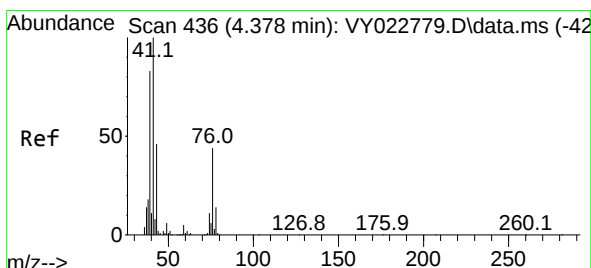
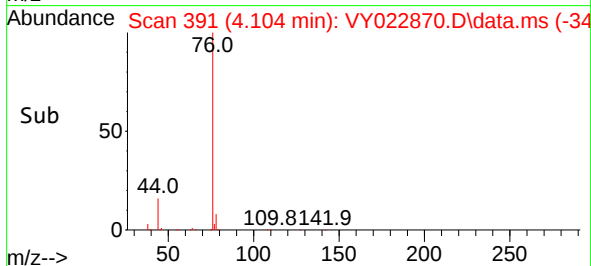
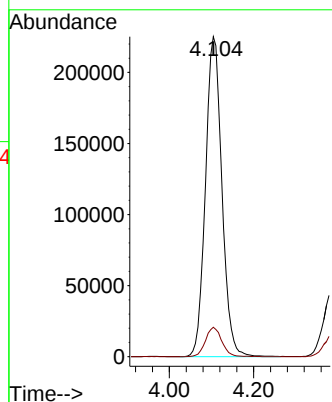
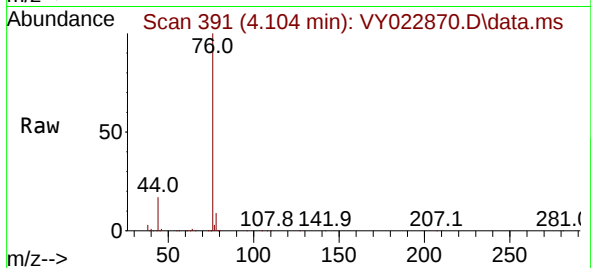




#17
Carbon Disulfide
Concen: 49.019 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

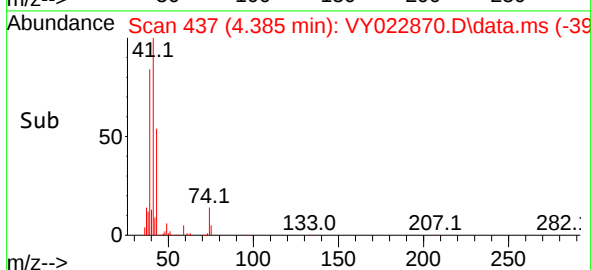
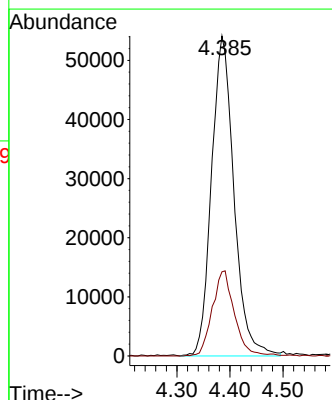
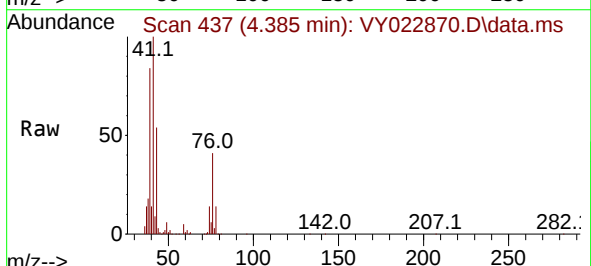
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

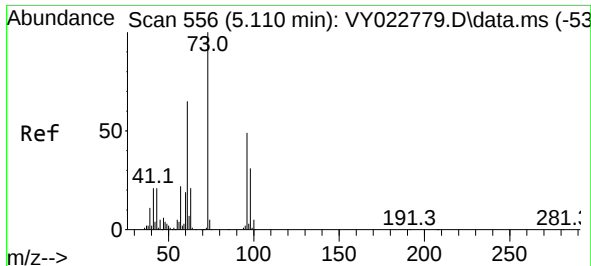
Tgt Ion: 76 Resp: 611430
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 59.760 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 43 Resp: 159253
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 47.095 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

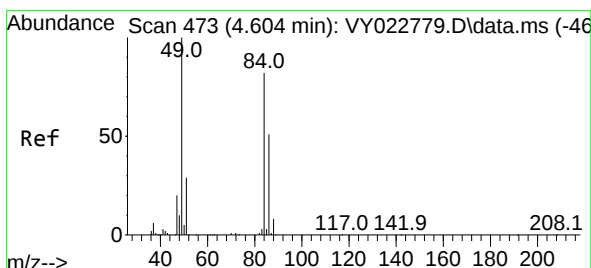
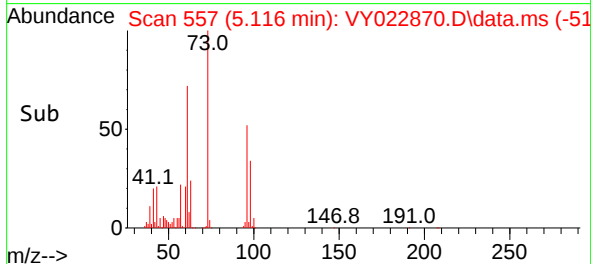
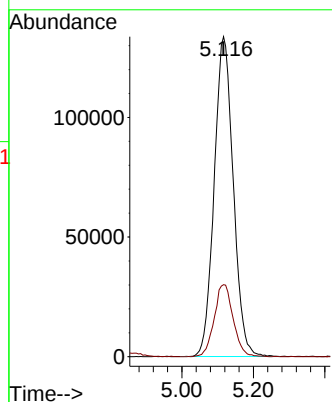
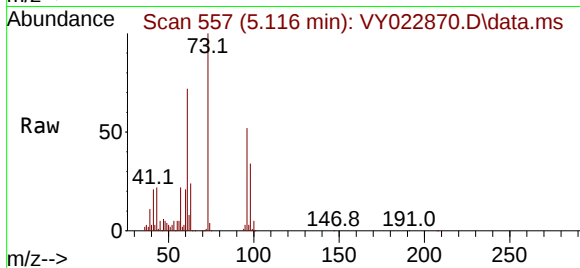
VSTDCCC050EC

Tgt Ion: 73 Resp: 495124

Ion Ratio Lower Upper

73 100

57 22.5 17.4 26.0



#20

Methylene Chloride

Concen: 44.838 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Tgt Ion: 84 Resp: 227858

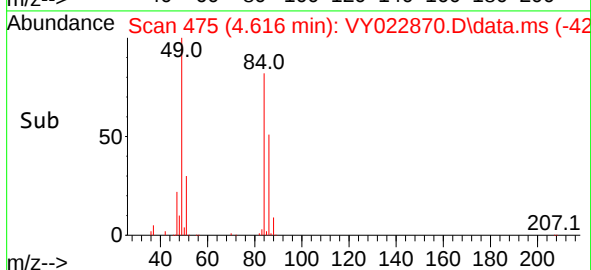
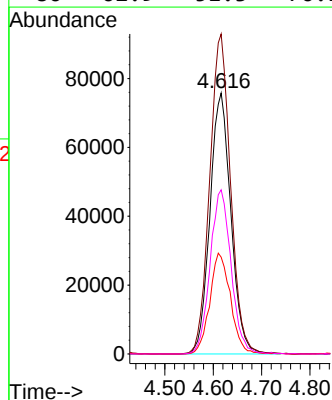
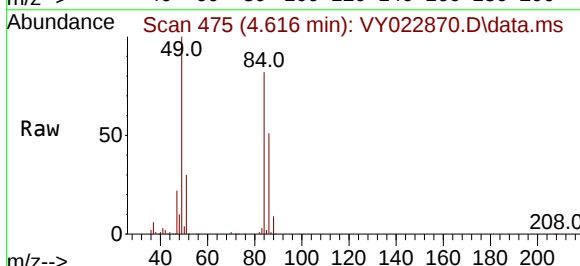
Ion Ratio Lower Upper

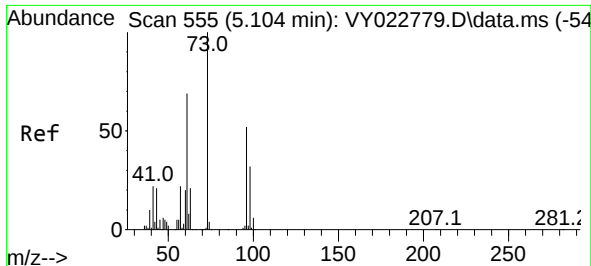
84 100

49 122.6 101.9 152.9

51 37.1 29.8 44.8

86 62.9 51.3 76.9

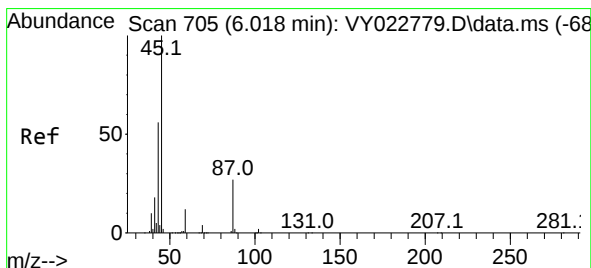
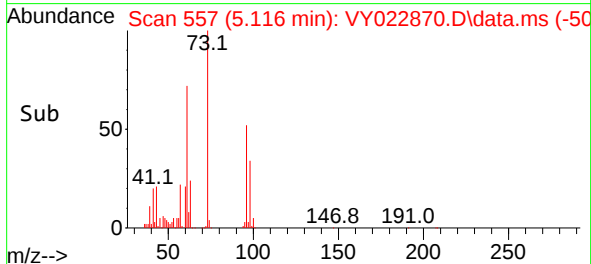
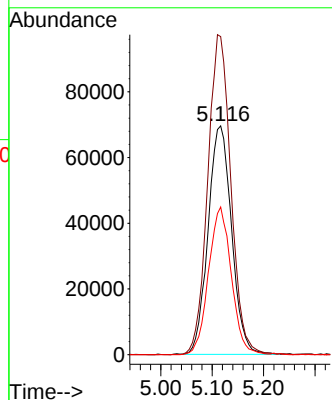
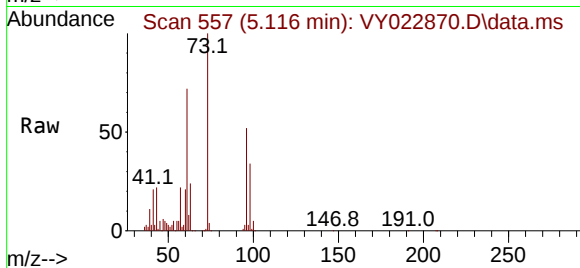




#21
trans-1,2-Dichloroethene
Concen: 50.134 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

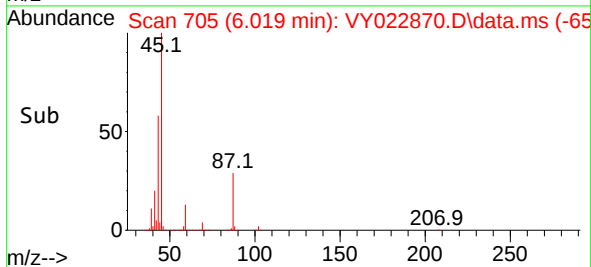
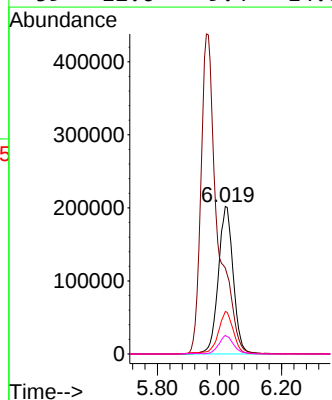
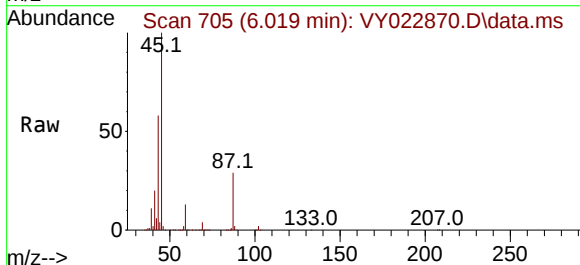
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

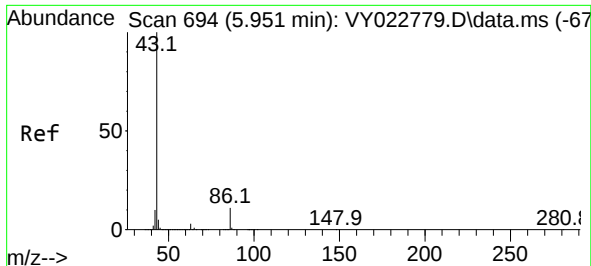
Tgt Ion: 96 Resp: 221232
Ion Ratio Lower Upper
96 100
61 139.0 112.6 169.0
98 64.7 50.6 75.8



#22
Diisopropyl ether
Concen: 51.071 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 45 Resp: 673566
Ion Ratio Lower Upper
45 100
43 58.2 48.3 72.5
87 28.8 23.0 34.6
59 12.6 9.4 14.0

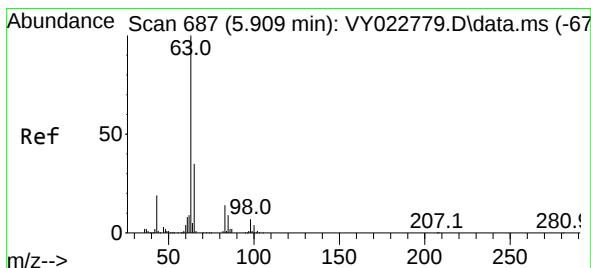
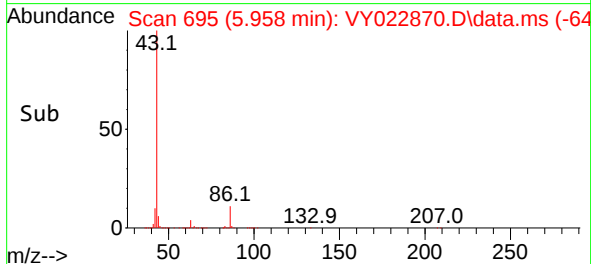
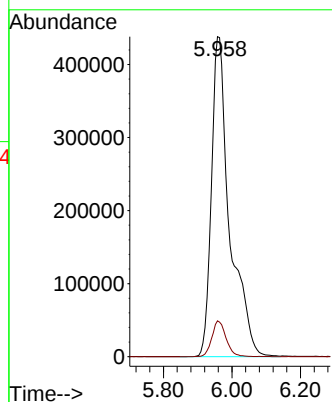
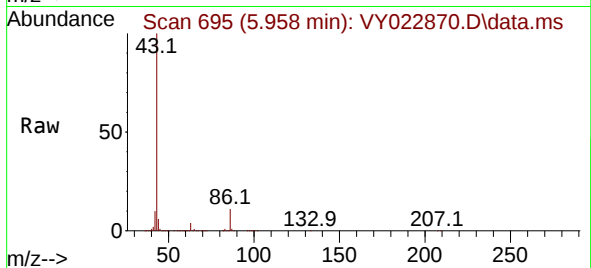




#23
 Vinyl Acetate
 Concen: 222.504 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

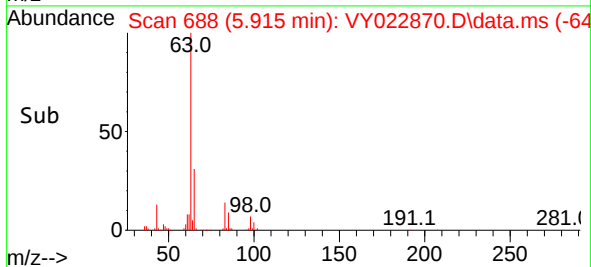
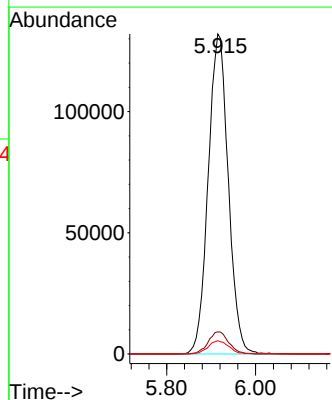
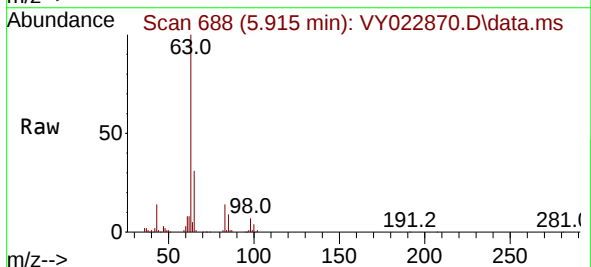
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

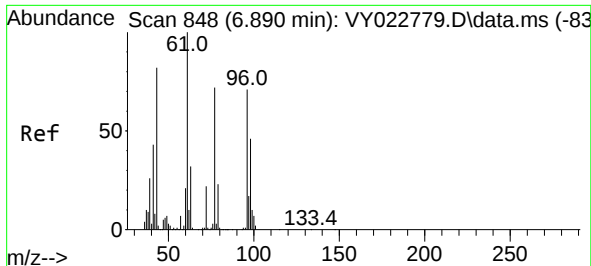
Tgt Ion: 43 Resp: 1620732
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.023 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

Tgt Ion: 63 Resp: 414442
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 214.007 ug/l

RT: 6.897 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

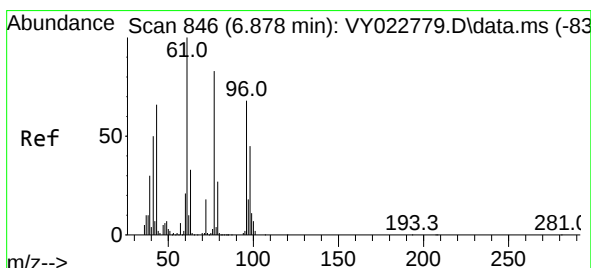
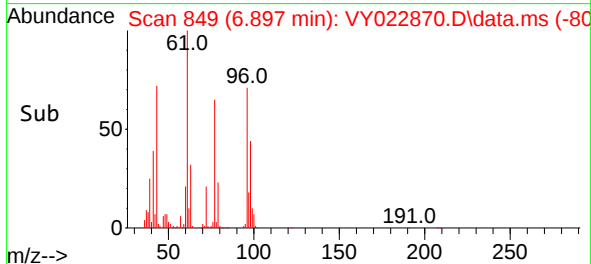
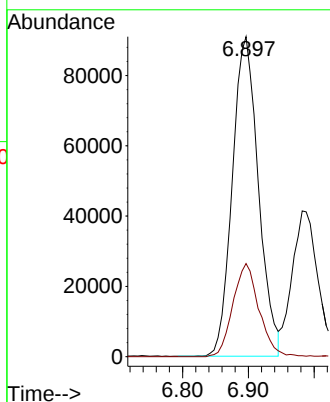
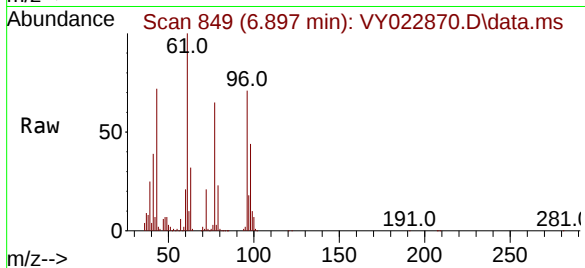
VSTDCCC050EC

Tgt Ion: 43 Resp: 250637

Ion Ratio Lower Upper

43 100

72 29.2 22.9 34.3



#26

2,2-Dichloropropane

Concen: 45.362 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022870.D

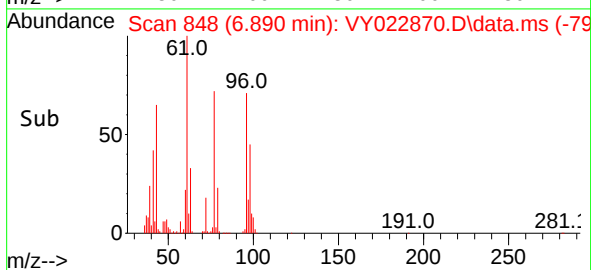
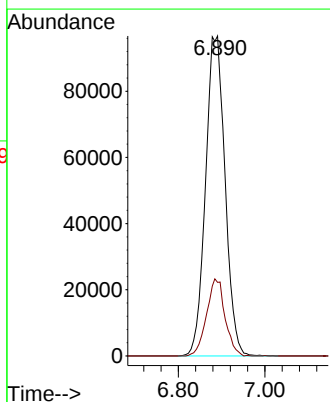
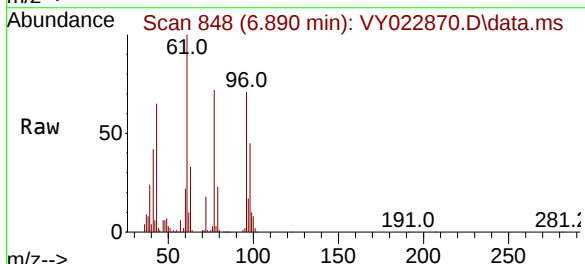
Acq: 27 Jun 2025 18:49

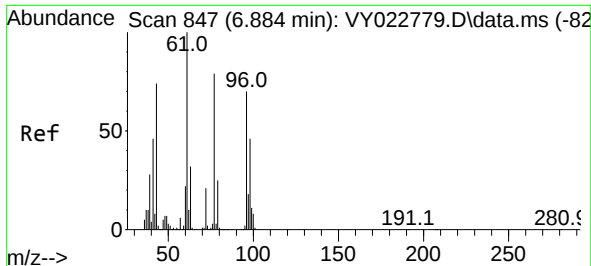
Tgt Ion: 77 Resp: 302922

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2



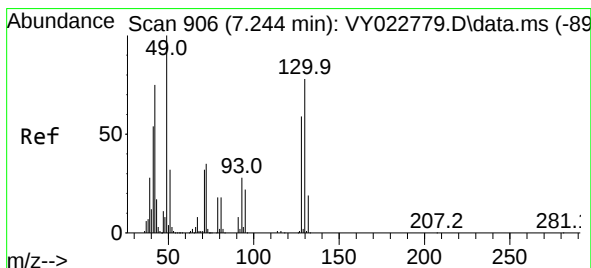
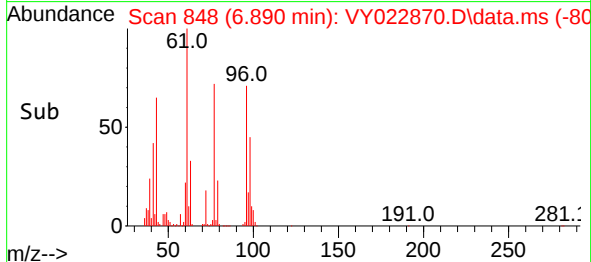
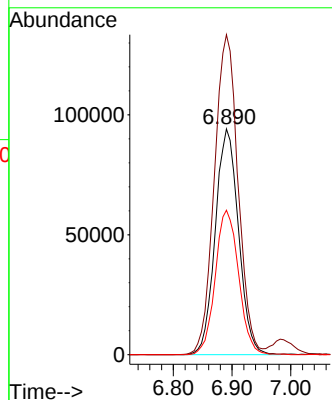
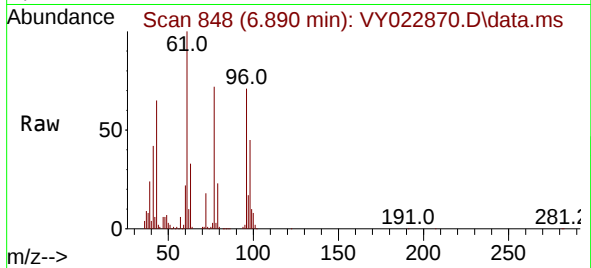


#27
 cis-1,2-Dichloroethene
 Concen: 50.527 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 259084

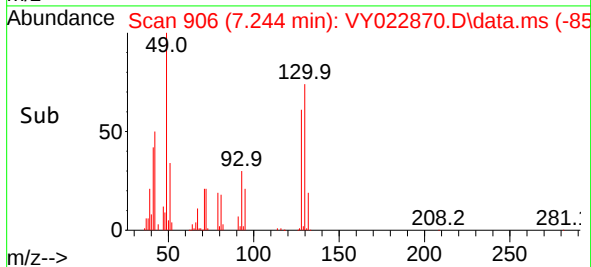
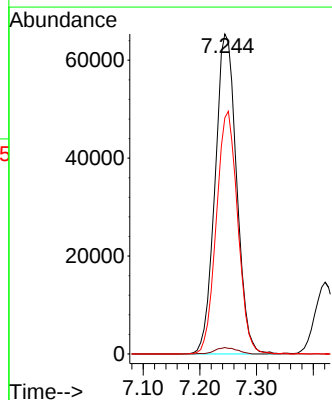
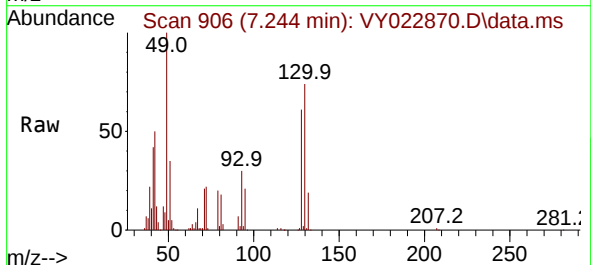
Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	290.0
98	64.2	0.0	128.4

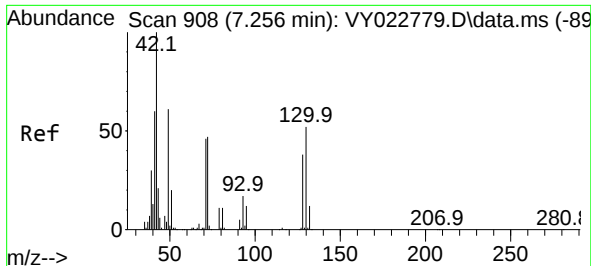


#28
 Bromochloromethane
 Concen: 51.404 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

Tgt Ion: 49 Resp: 172161

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.6
130	75.2	55.7	83.5





#29

Tetrahydrofuran

Concen: 229.154 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

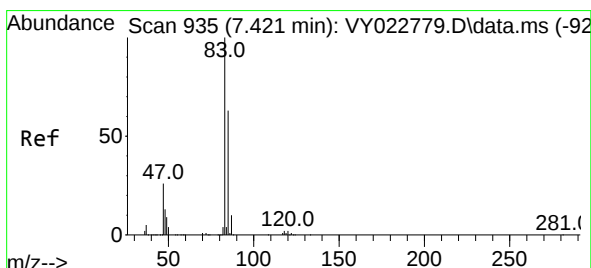
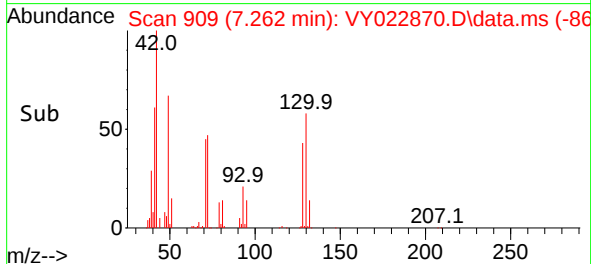
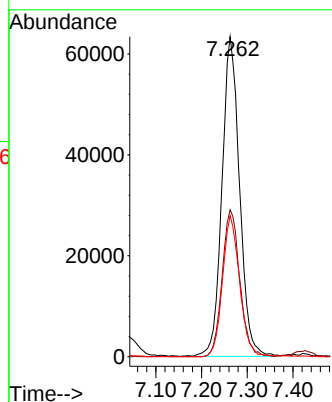
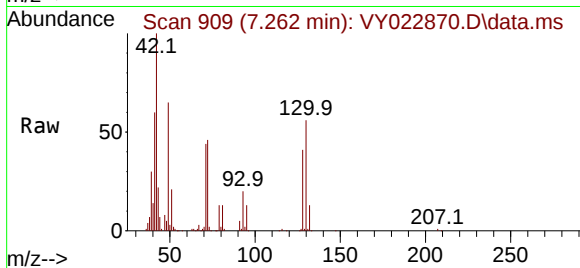
Tgt Ion: 42 Resp: 169465

Ion Ratio Lower Upper

42 100

72 46.0 37.4 56.2

71 42.9 34.2 51.2



#30

Chloroform

Concen: 50.691 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022870.D

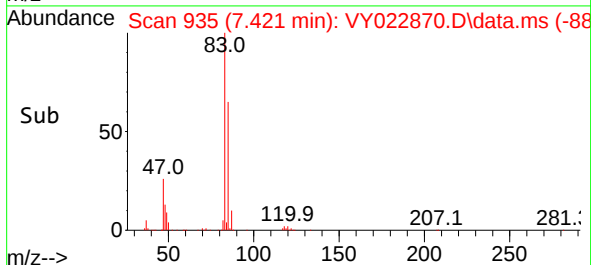
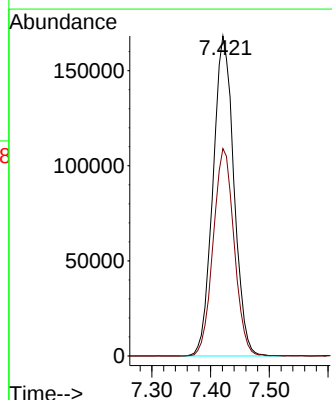
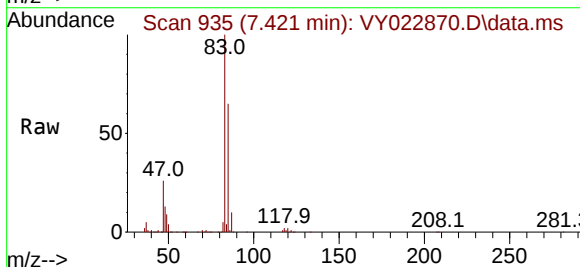
Acq: 27 Jun 2025 18:49

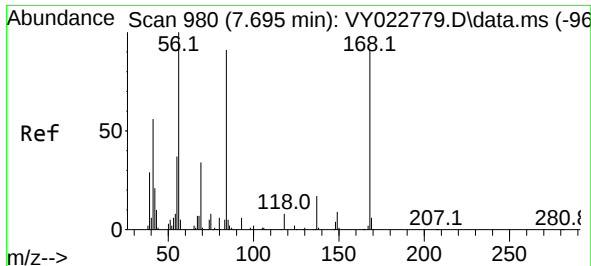
Tgt Ion: 83 Resp: 415926

Ion Ratio Lower Upper

83 100

85 64.8 54.2 81.4

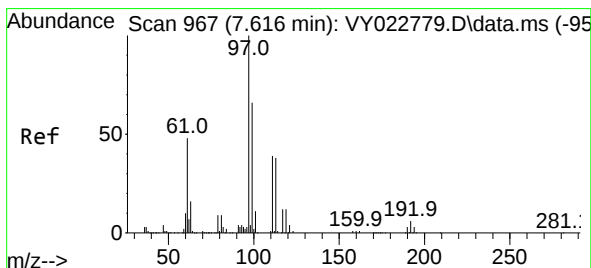
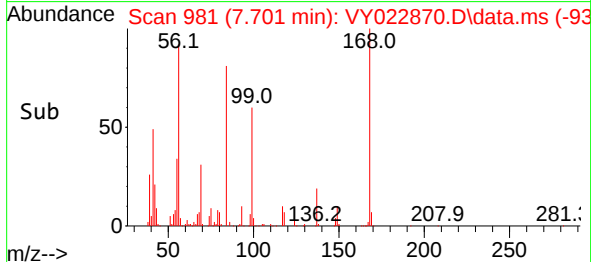
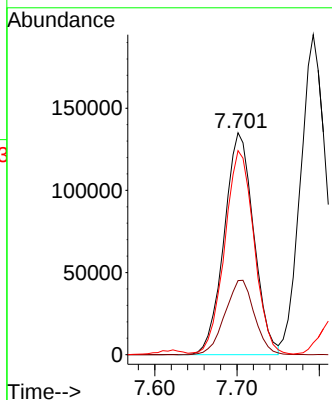
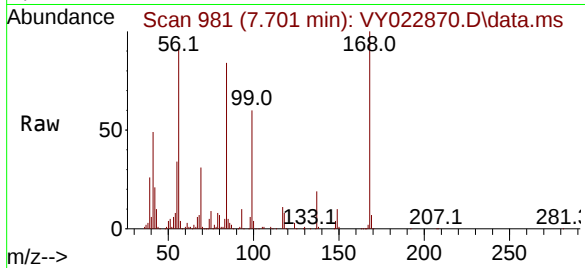




#31
Cyclohexane
Concen: 46.270 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

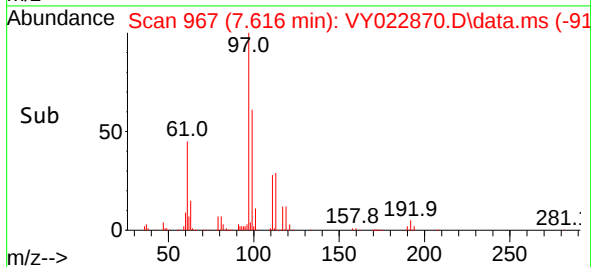
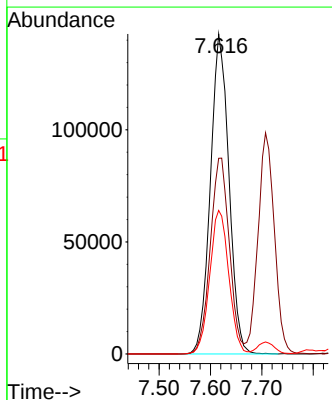
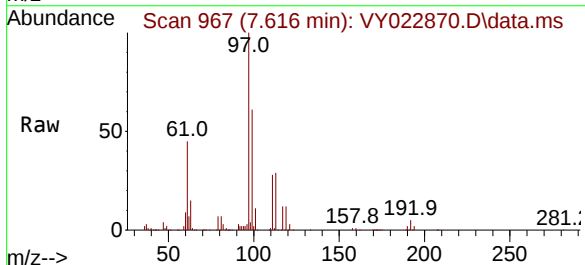
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

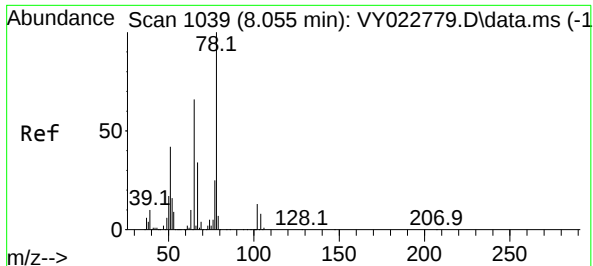
Tgt Ion: 56 Resp: 338359
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.6
84 90.3 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 50.390 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 97 Resp: 357291
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 46.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.848 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

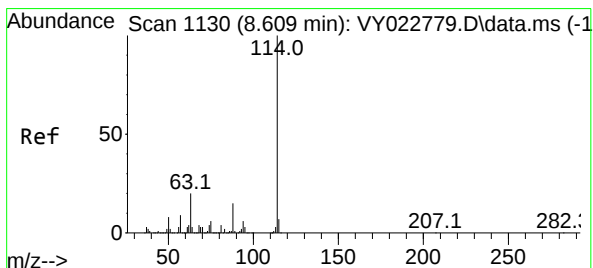
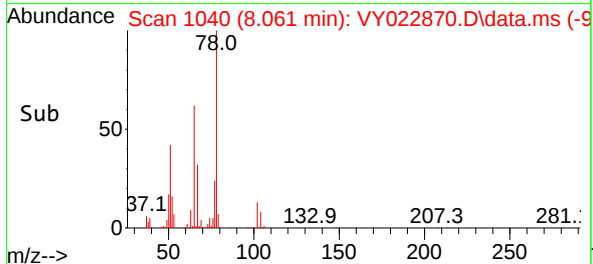
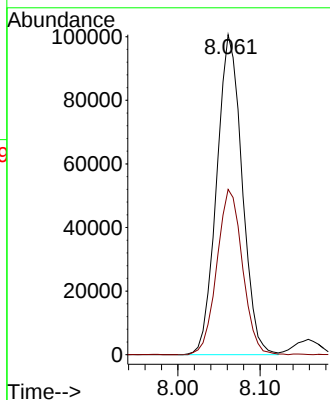
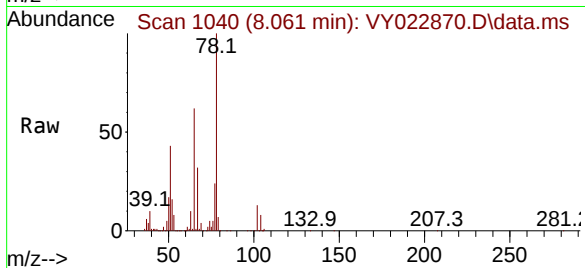
VSTDCCC050EC

Tgt Ion: 65 Resp: 216480

Ion Ratio Lower Upper

65 100

67 52.0 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: VY022870.D

Acq: 27 Jun 2025 18:49

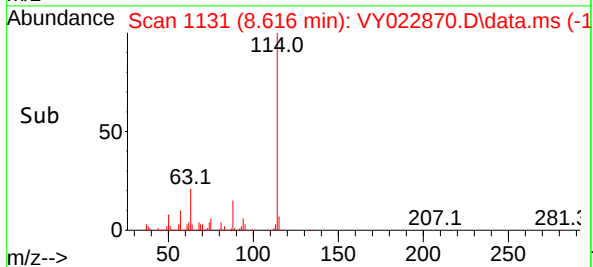
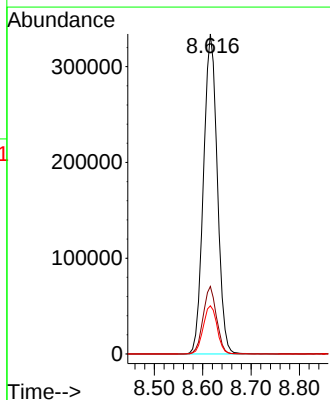
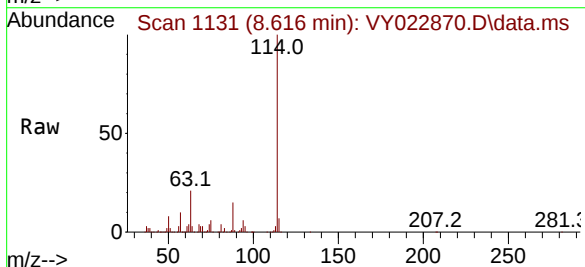
Tgt Ion:114 Resp: 662786

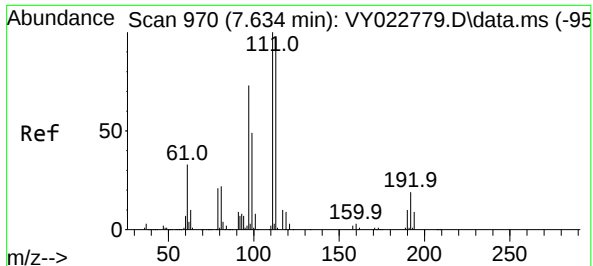
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 15.0 0.0 27.8

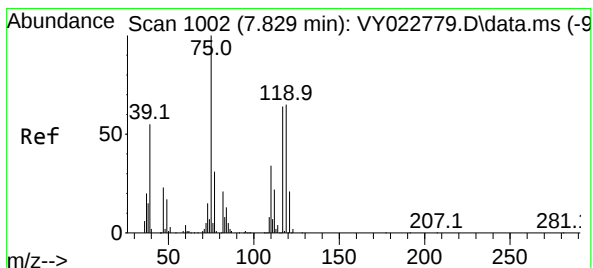
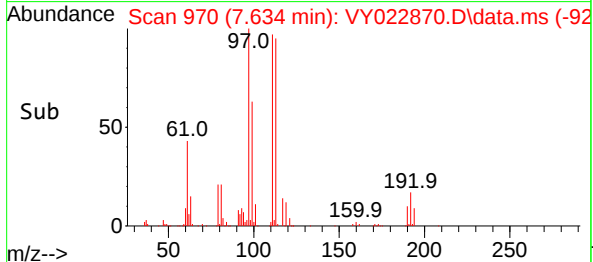
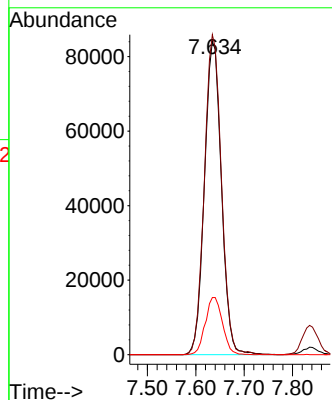
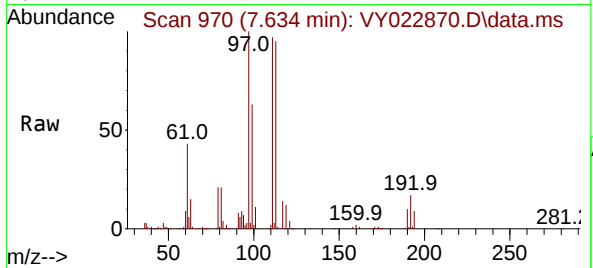




#35
Dibromofluoromethane
Concen: 50.756 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

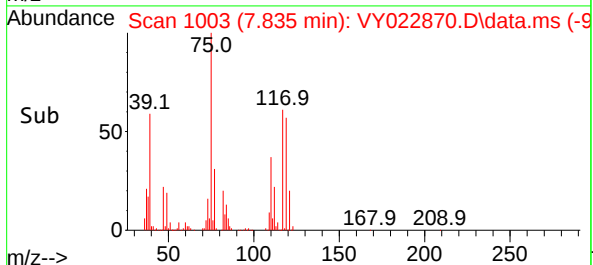
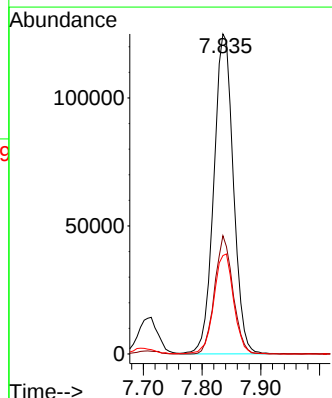
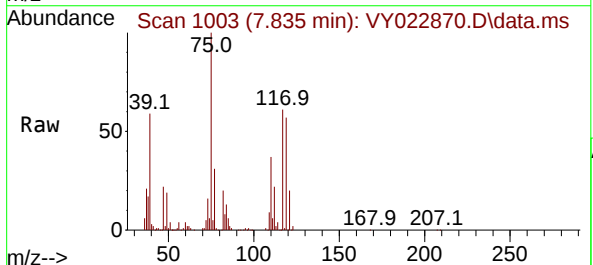
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

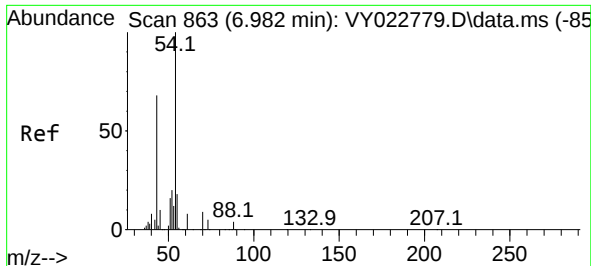
Tgt Ion:113 Resp: 204583
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 47.310 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 75 Resp: 289047
Ion Ratio Lower Upper
75 100
110 34.6 16.9 50.7
77 31.7 24.8 37.2

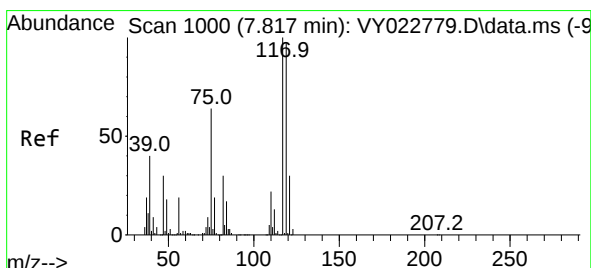
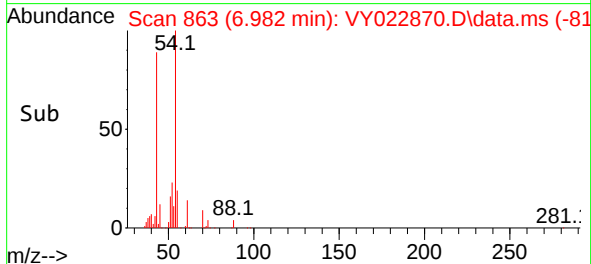
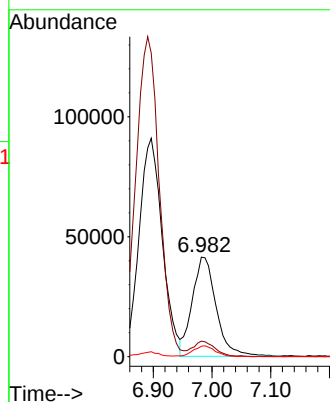
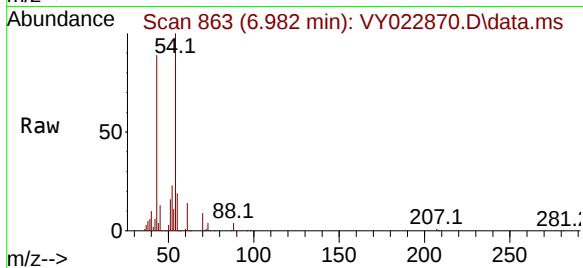




#37
Ethyl Acetate
Concen: 44.270 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

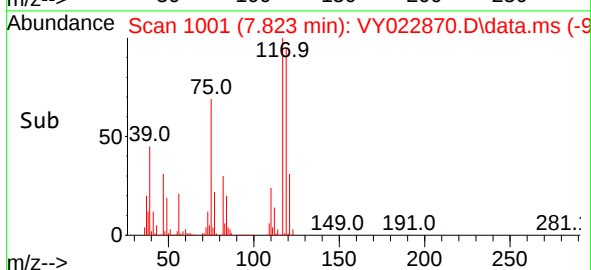
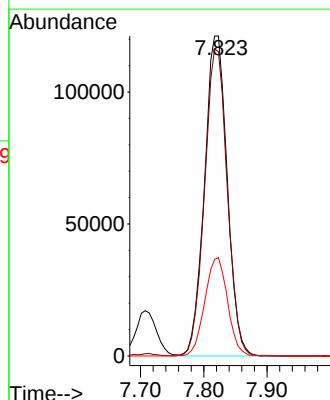
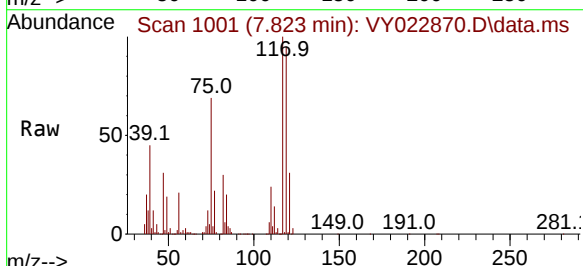
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

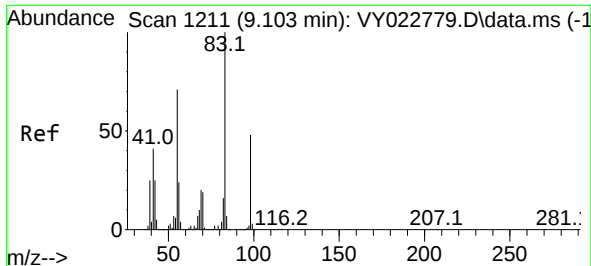
Tgt Ion: 43 Resp: 116715
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 10.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.152 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 117 Resp: 303964
Ion Ratio Lower Upper
117 100
119 95.1 75.0 112.6
121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 46.054 ug/l

RT: 9.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

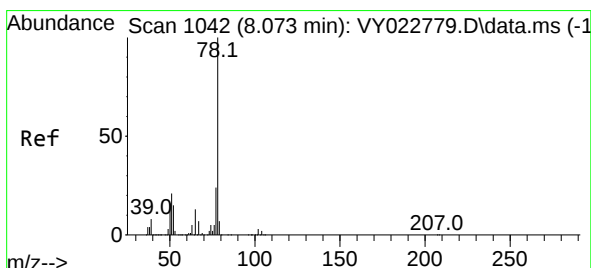
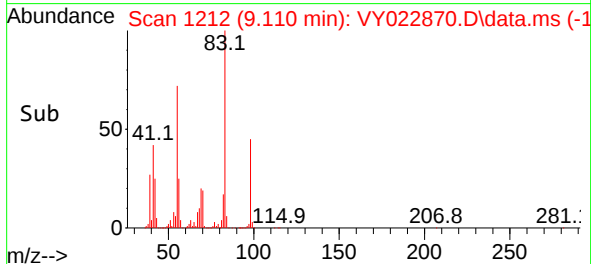
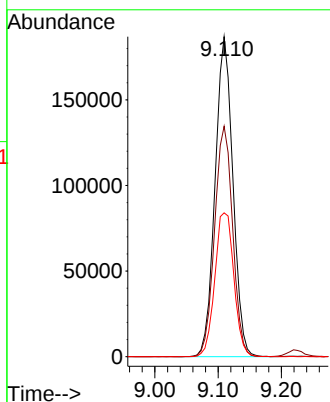
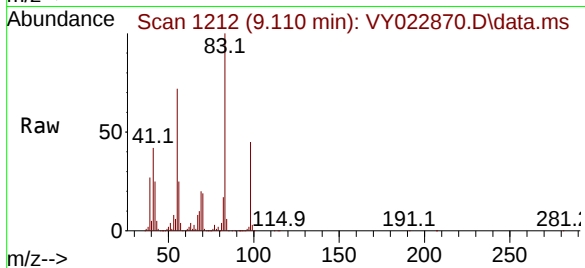
Tgt Ion: 83 Resp: 364126

Ion Ratio Lower Upper

83 100

55 72.0 58.1 87.1

98 44.9 39.0 58.6



#40

Benzene

Concen: 50.209 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022870.D

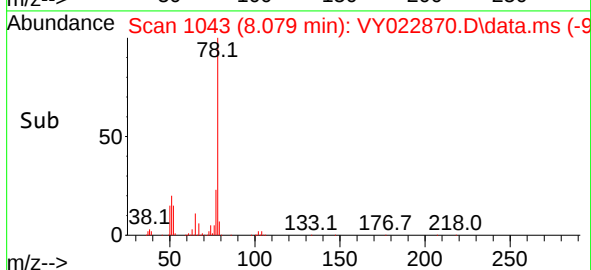
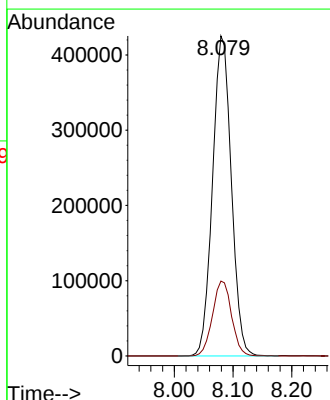
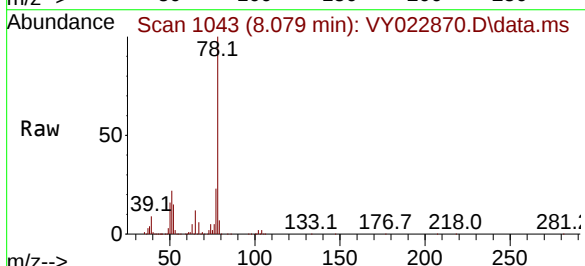
Acq: 27 Jun 2025 18:49

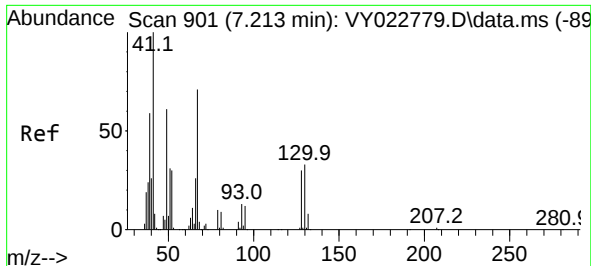
Tgt Ion: 78 Resp: 943149

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9



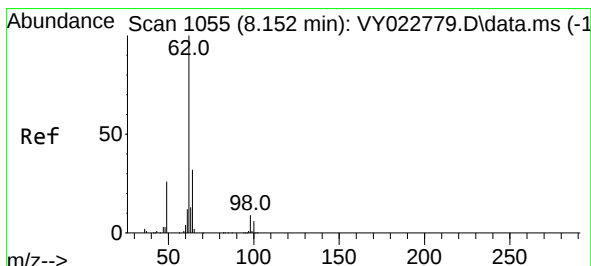
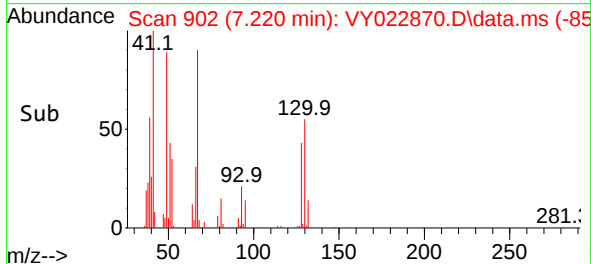
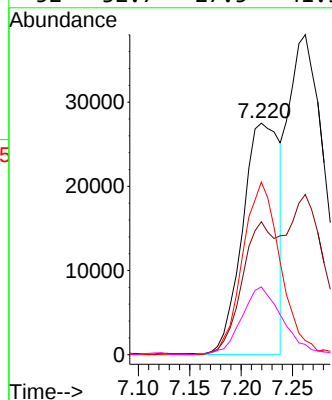
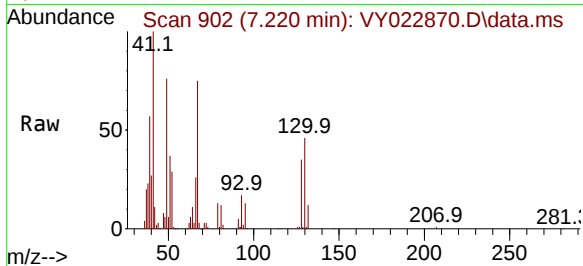


#41
Methacrylonitrile
Concen: 42.554 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 69067

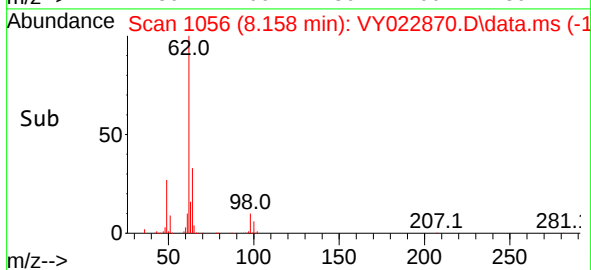
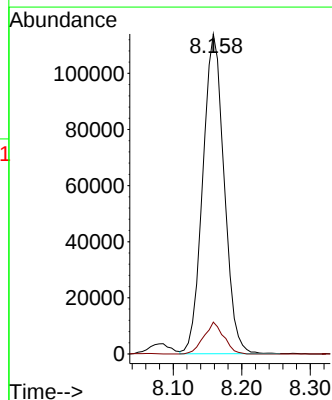
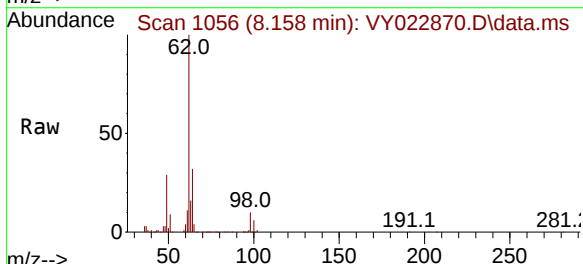
Ion	Ratio	Lower	Upper
41	100		
39	48.6	46.6	69.8
67	76.9	63.3	94.9
52	32.7	27.5	41.3

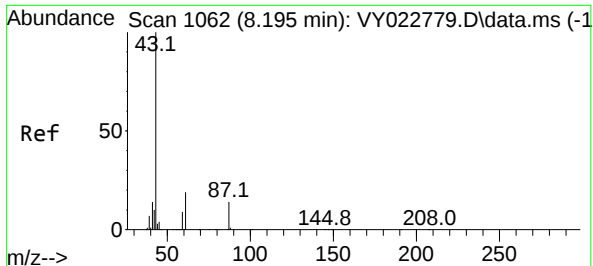


#42
1,2-Dichloroethane
Concen: 47.982 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 62 Resp: 246985

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

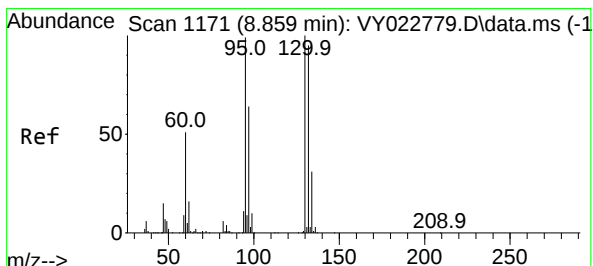
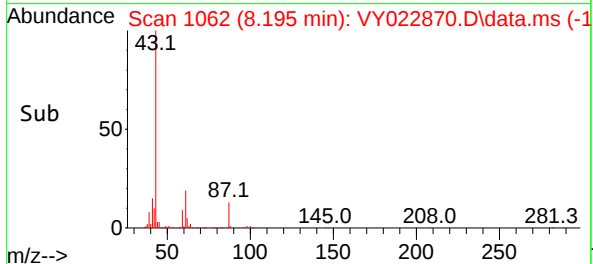
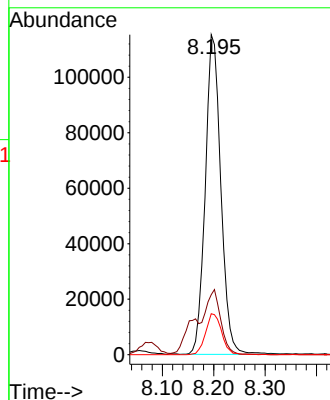
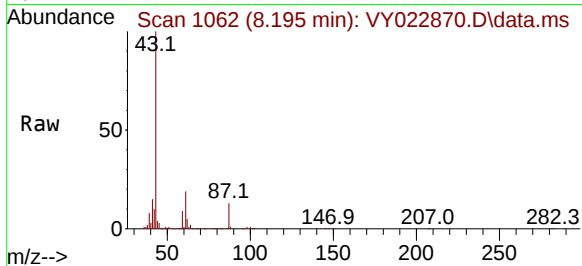




#43
Isopropyl Acetate
Concen: 44.329 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

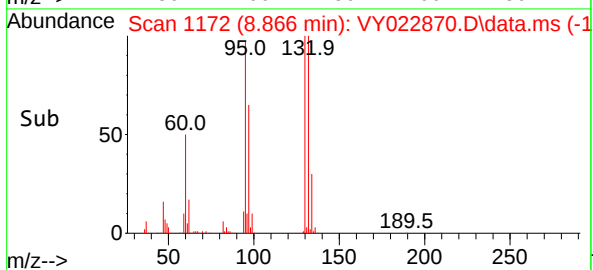
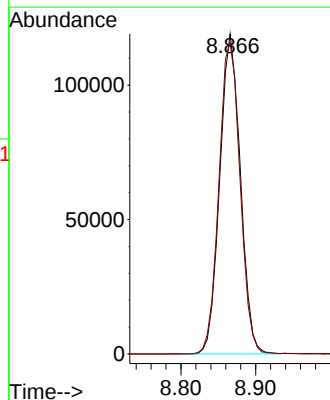
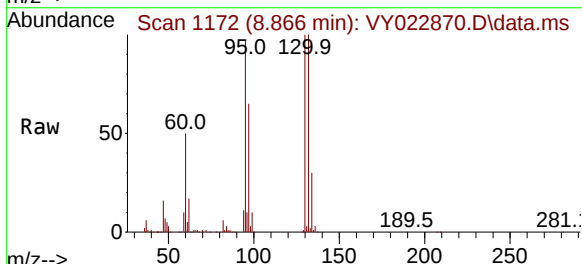
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

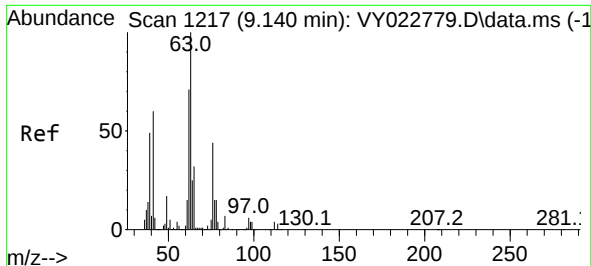
Tgt Ion: 43 Resp: 242901
Ion Ratio Lower Upper
43 100
61 20.4 15.6 23.4
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 48.373 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:130 Resp: 228137
Ion Ratio Lower Upper
130 100
95 97.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.870 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

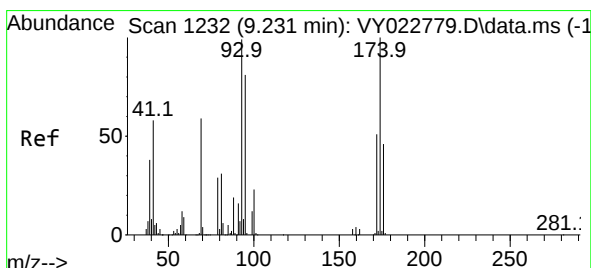
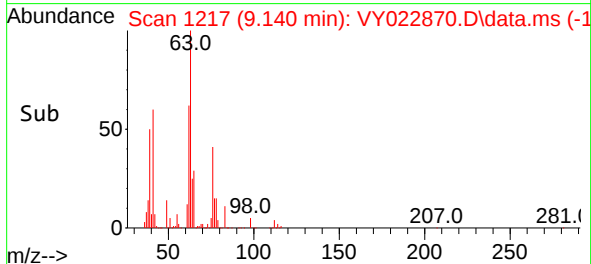
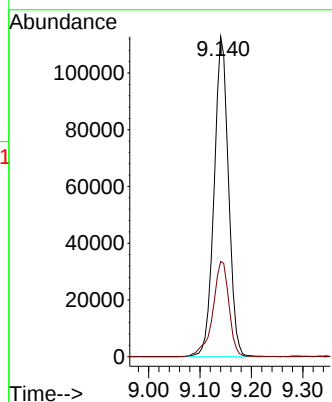
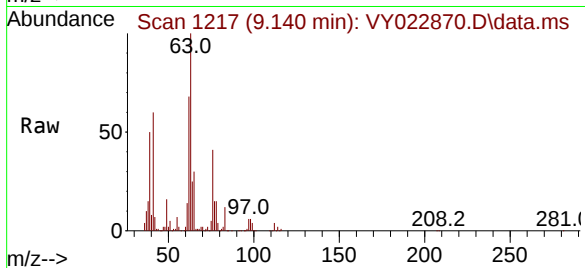
VSTDCCC050EC

Tgt Ion: 63 Resp: 219247

Ion Ratio Lower Upper

63 100

65 29.7 24.0 36.0



#46

Dibromomethane

Concen: 46.483 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

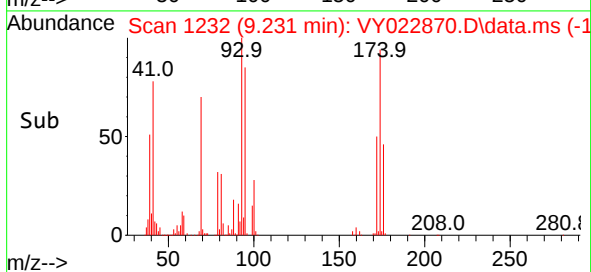
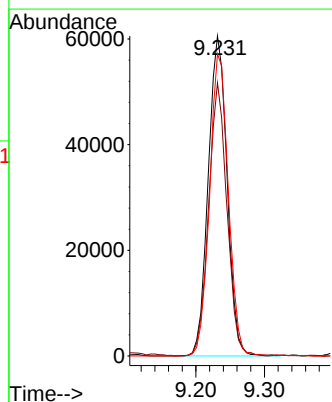
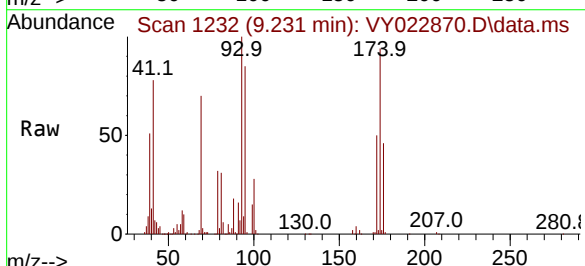
Tgt Ion: 93 Resp: 116008

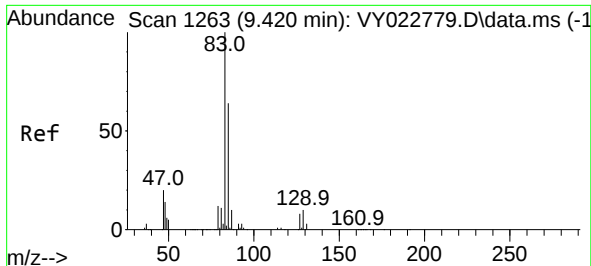
Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 93.8 70.4 105.6

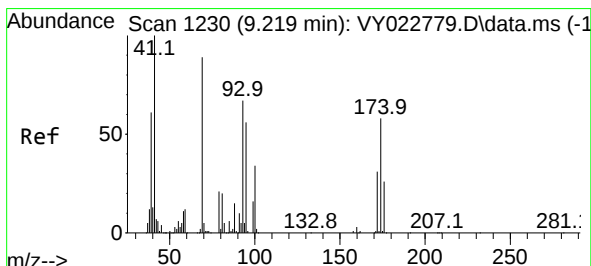
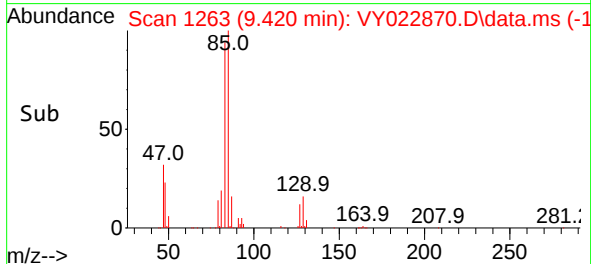
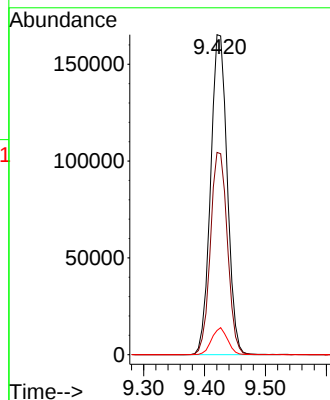
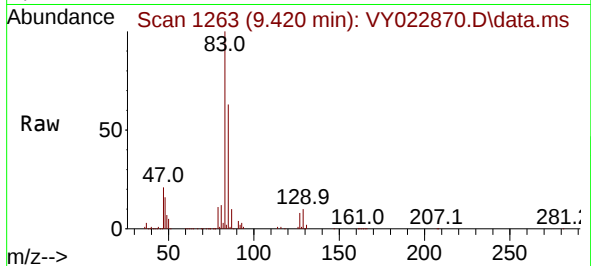




#47
Bromodichloromethane
Concen: 48.678 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

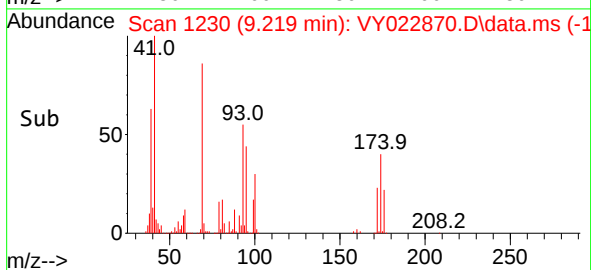
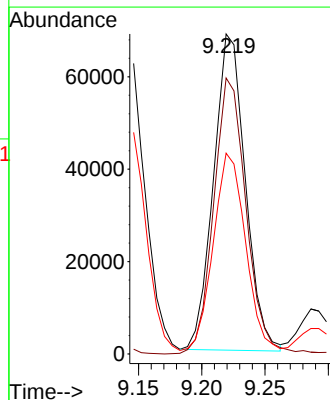
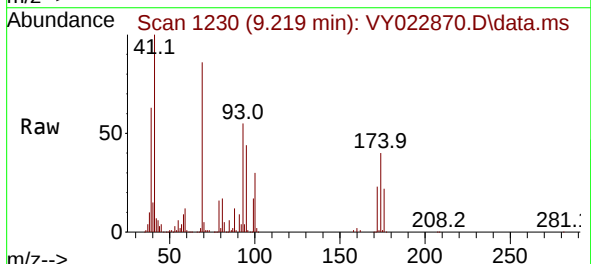
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

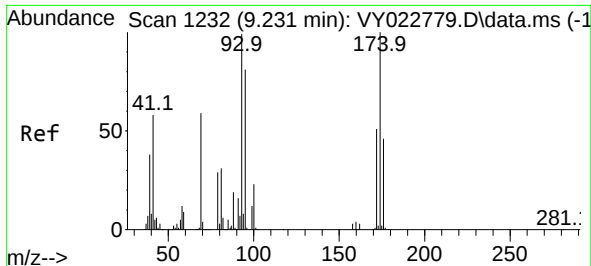
Tgt Ion: 83 Resp: 313272
Ion Ratio Lower Upper
83 100
85 63.2 49.1 73.7
127 7.6 6.2 9.4



#48
Methyl methacrylate
Concen: 45.395 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 41 Resp: 119577
Ion Ratio Lower Upper
41 100
69 89.2 67.8 101.8
39 63.2 55.0 82.4





#49

1,4-Dioxane

Concen: 846.348 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

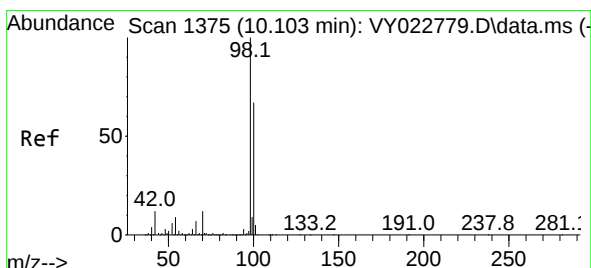
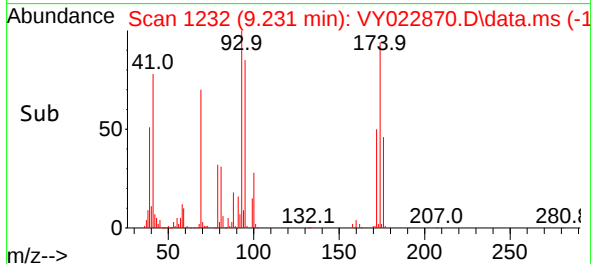
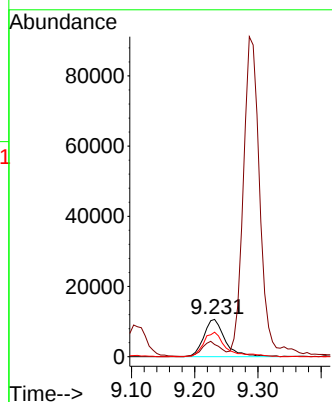
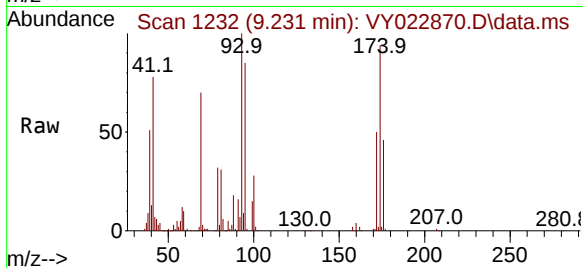
Tgt Ion: 88 Resp: 24955

Ion Ratio Lower Upper

88 100

43 33.4 25.4 38.2

58 68.1 54.9 82.3



#50

Toluene-d8

Concen: 51.334 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022870.D

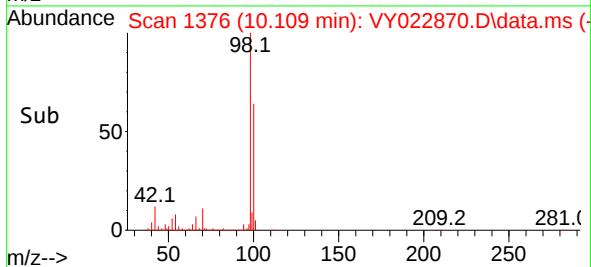
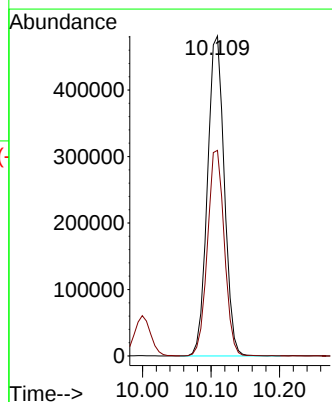
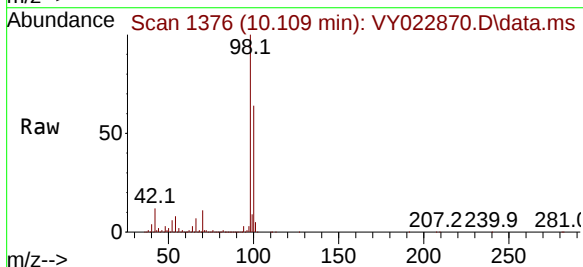
Acq: 27 Jun 2025 18:49

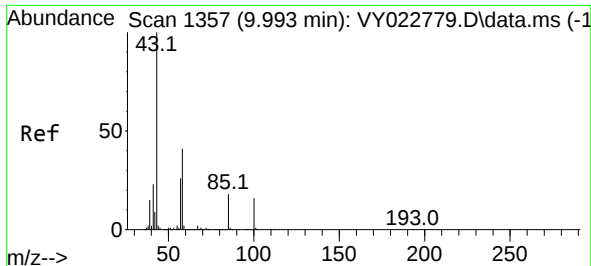
Tgt Ion: 98 Resp: 821061

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 225.585 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

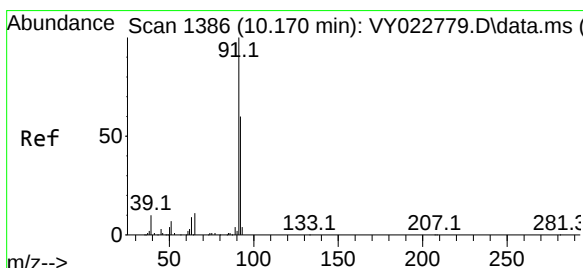
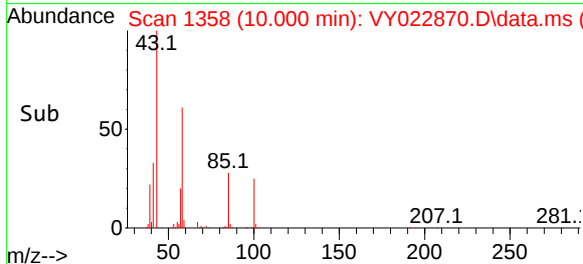
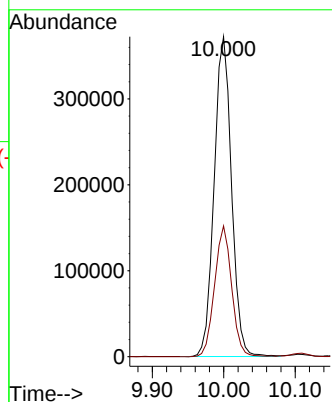
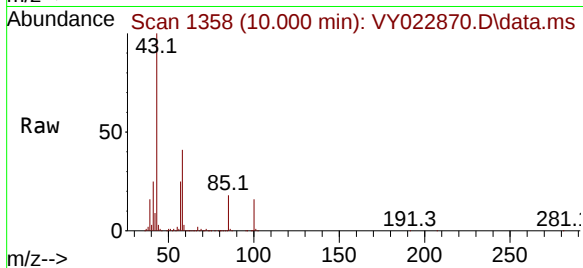
VSTDCCC050EC

Tgt Ion: 43 Resp: 628145

Ion Ratio Lower Upper

43 100

58 40.1 30.4 45.6



#52

Toluene

Concen: 49.669 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022870.D

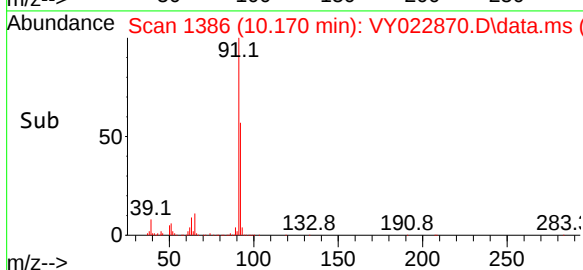
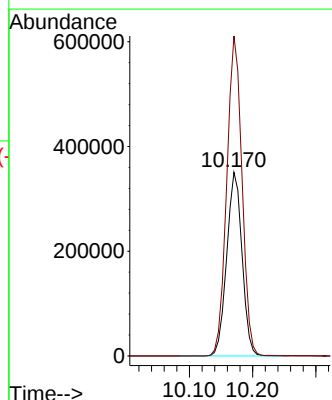
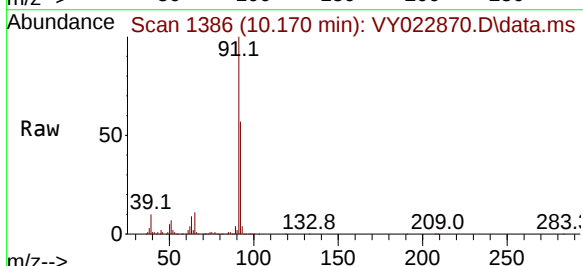
Acq: 27 Jun 2025 18:49

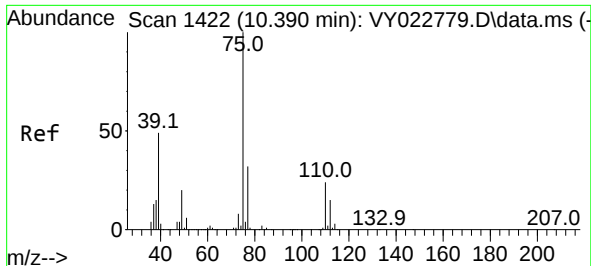
Tgt Ion: 92 Resp: 588606

Ion Ratio Lower Upper

92 100

91 173.1 139.0 208.4

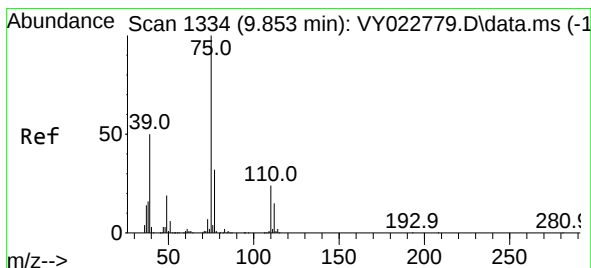
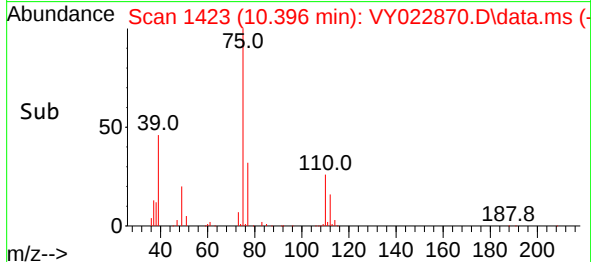
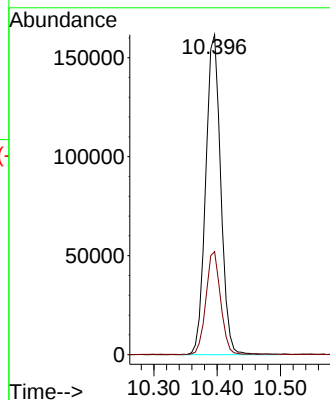
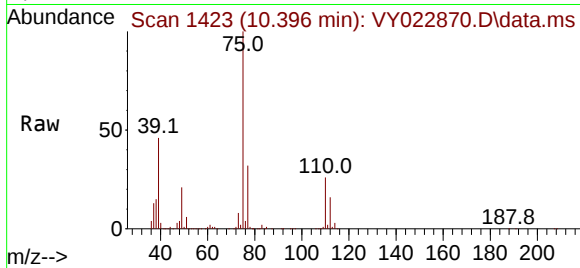




#53
t-1,3-Dichloropropene
Concen: 46.247 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

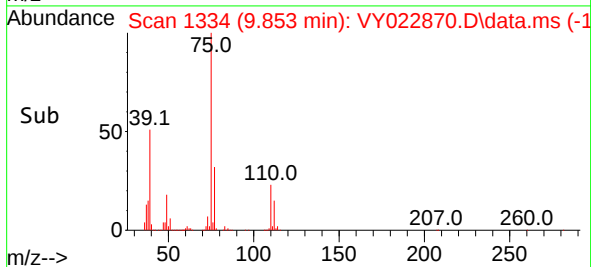
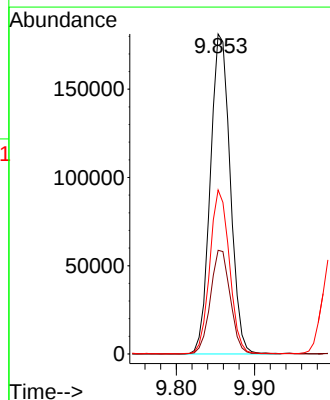
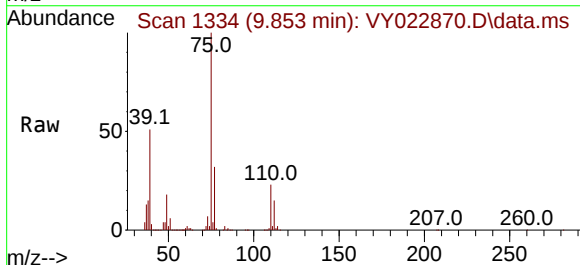
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

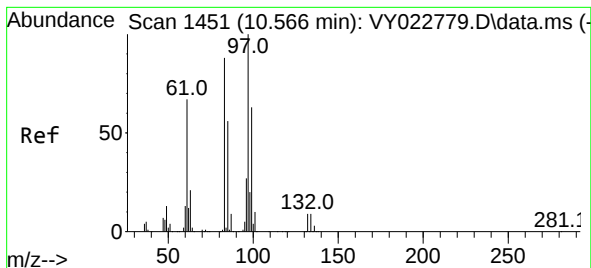
Tgt Ion: 75 Resp: 267787
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 47.570 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 75 Resp: 319373
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 51.2 42.7 64.1



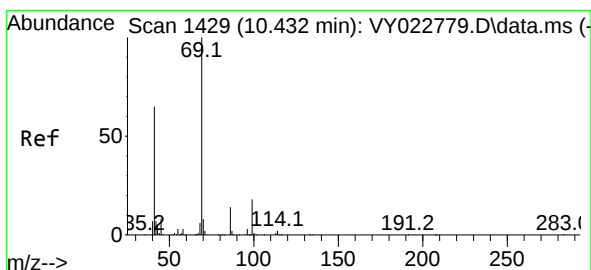
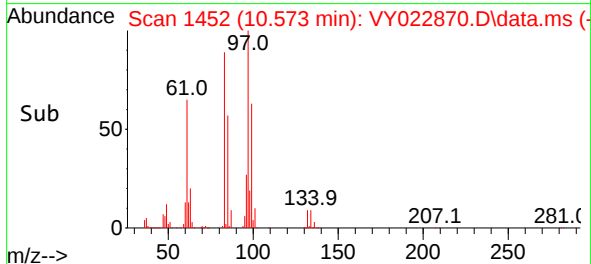
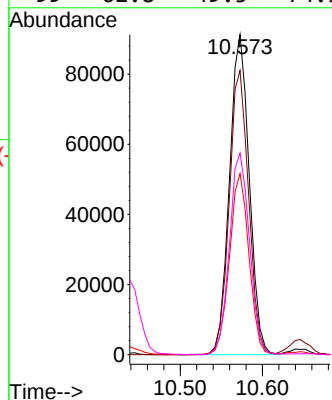
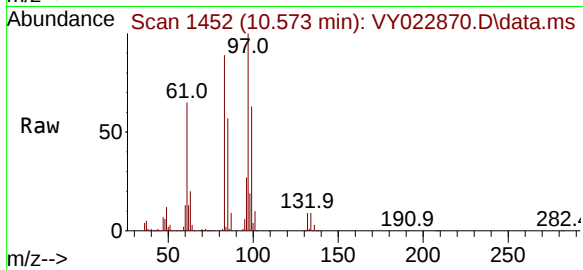


#55
1,1,2-Trichloroethane
Concen: 47.318 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 152914

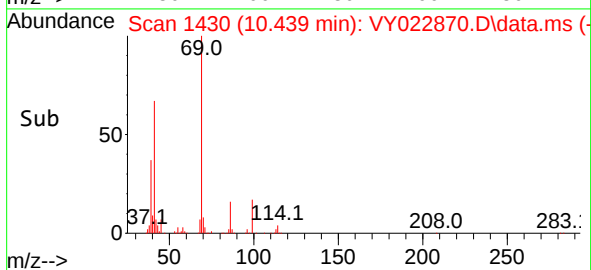
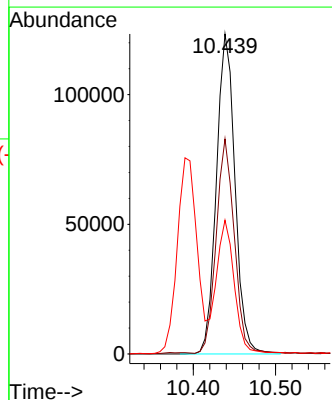
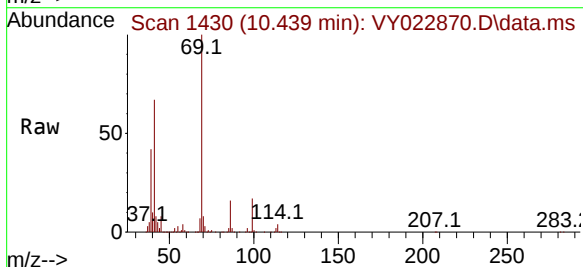
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.1	102.1
85	56.5	48.2	72.2
99	62.8	49.5	74.3

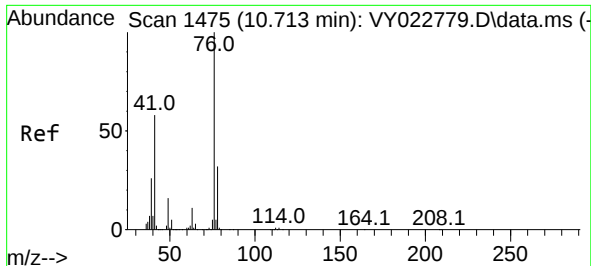


#56
Ethyl methacrylate
Concen: 44.670 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 69 Resp: 194219

Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	40.8	36.7	55.1





#57

1,3-Dichloropropane

Concen: 47.767 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

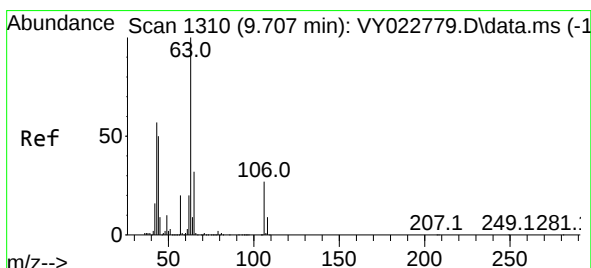
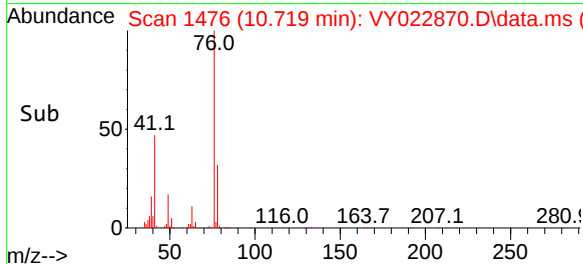
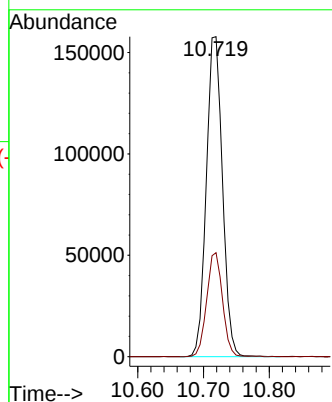
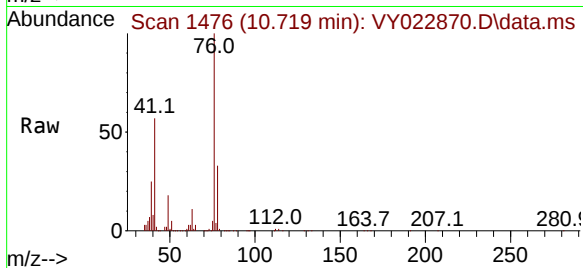
VSTDCCC050EC

Tgt Ion: 76 Resp: 269322

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 229.646 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022870.D

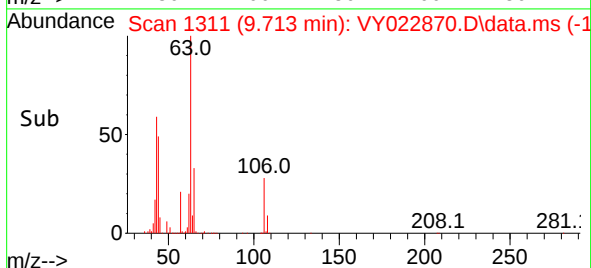
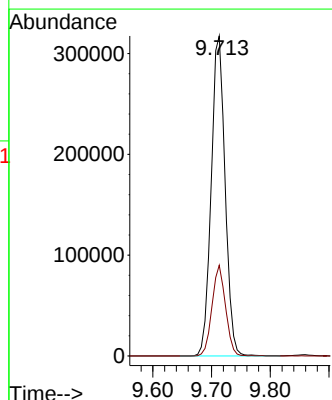
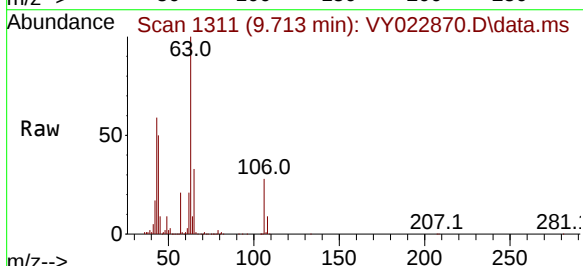
Acq: 27 Jun 2025 18:49

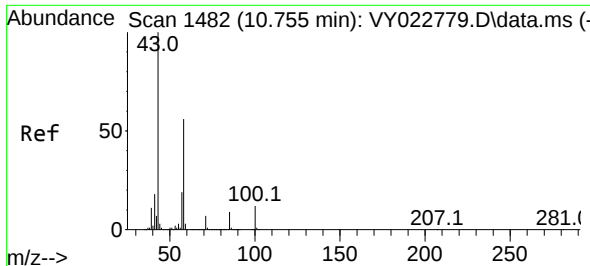
Tgt Ion: 63 Resp: 521669

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

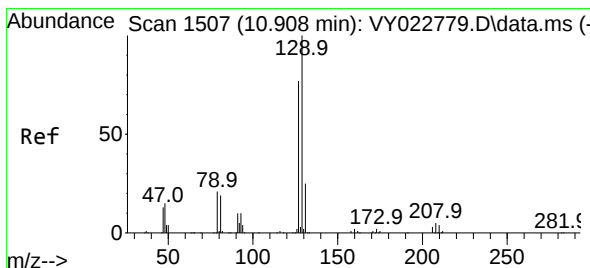
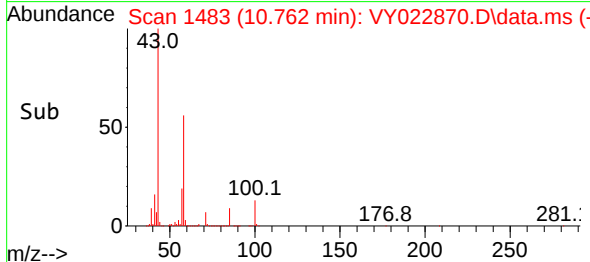
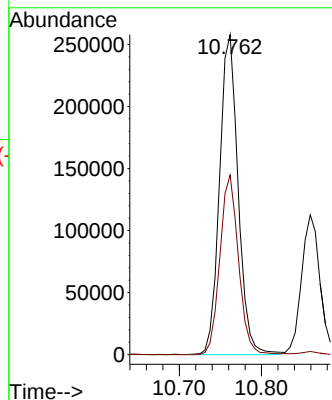
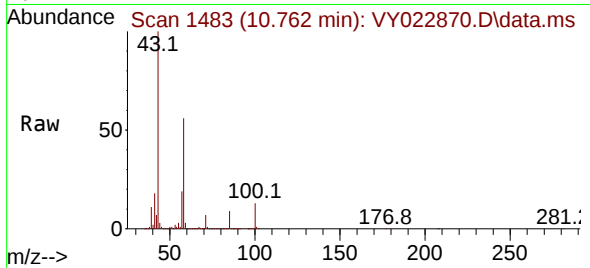




#59
2-Hexanone
Concen: 213.709 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

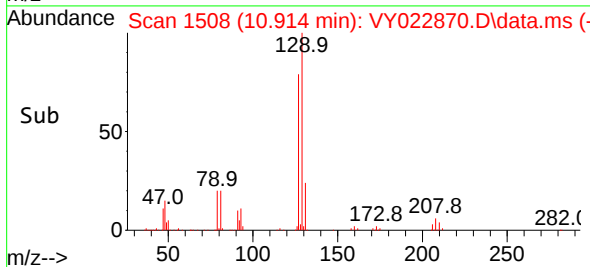
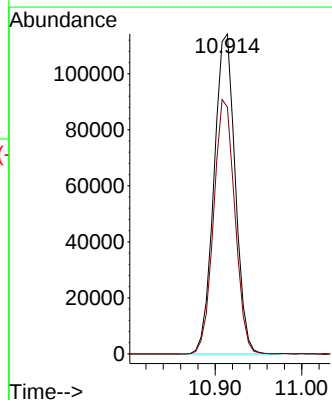
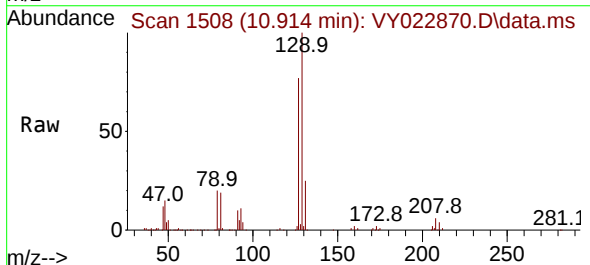
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

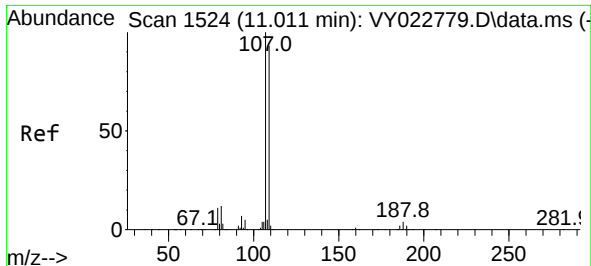
Tgt Ion: 43 Resp: 404578
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8



#60
Dibromochloromethane
Concen: 46.600 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 129 Resp: 194518
Ion Ratio Lower Upper
129 100
127 79.5 39.1 117.2

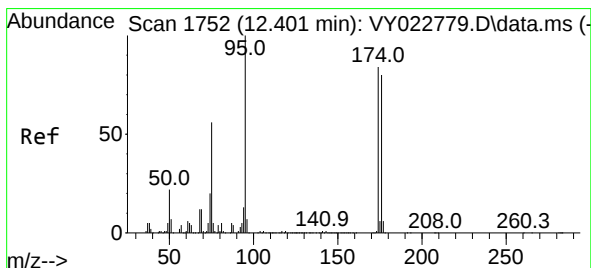
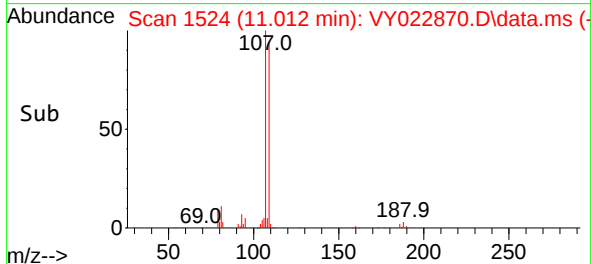
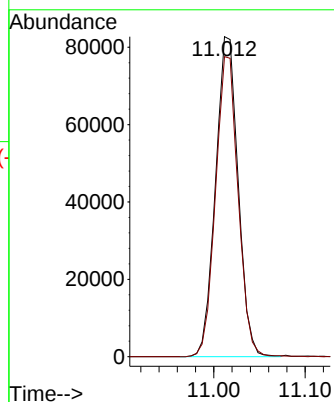
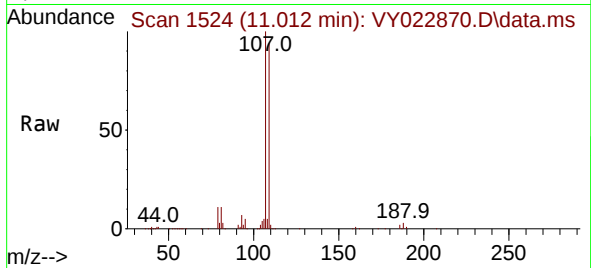




#61
1,2-Dibromoethane
Concen: 46.946 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

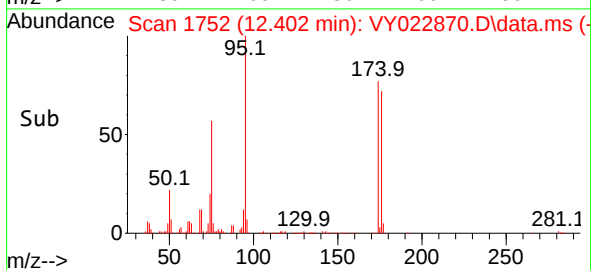
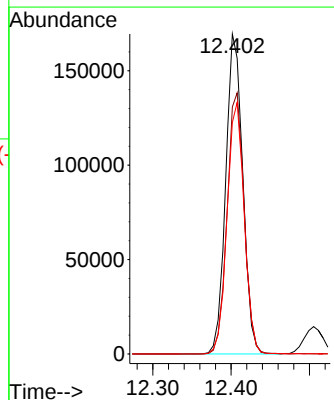
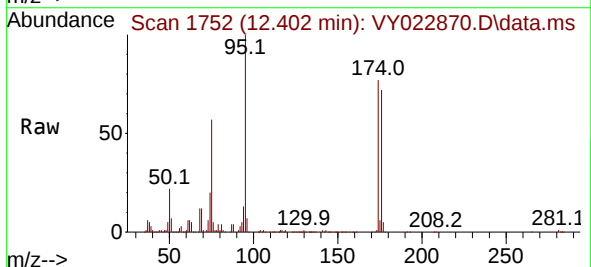
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

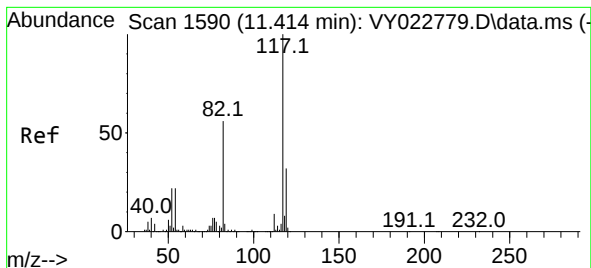
Tgt Ion:107 Resp: 141969
Ion Ratio Lower Upper
107 100
109 93.7 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.817 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 95 Resp: 256147
Ion Ratio Lower Upper
95 100
174 82.1 0.0 170.0
176 79.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

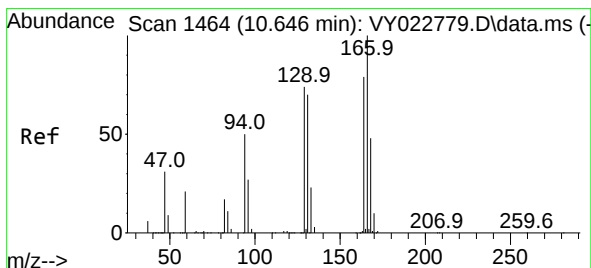
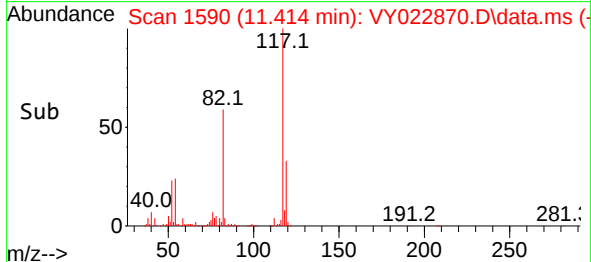
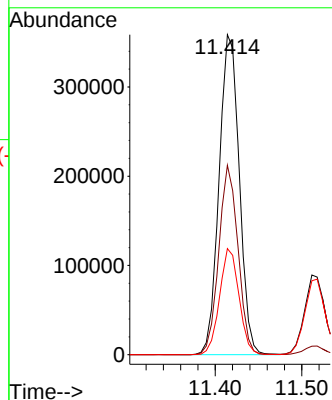
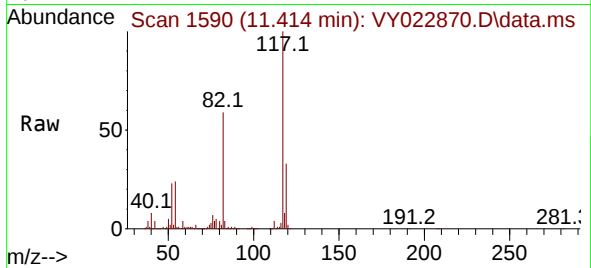
Tgt Ion:117 Resp: 580603

Ion Ratio Lower Upper

117 100

82 59.2 44.6 66.8

119 33.1 25.4 38.0



#64

Tetrachloroethene

Concen: 49.159 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Tgt Ion:164 Resp: 269634

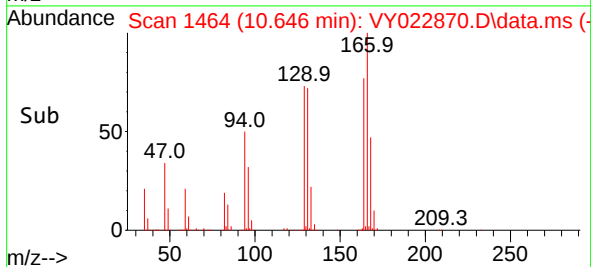
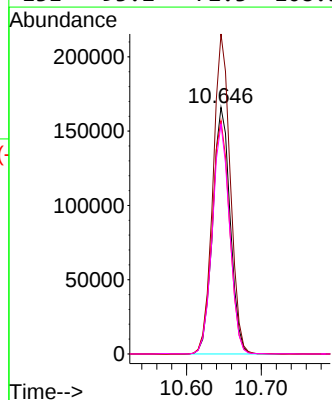
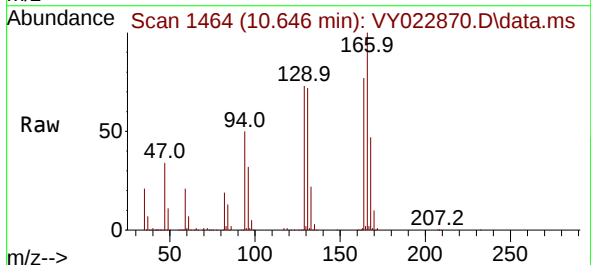
Ion Ratio Lower Upper

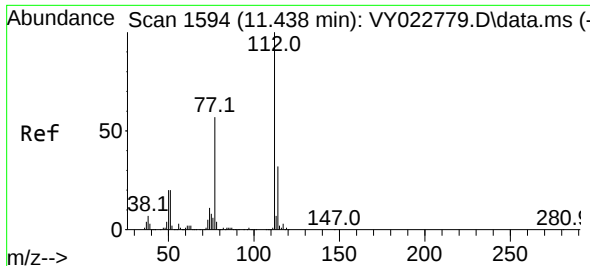
164 100

166 129.8 104.0 156.0

129 94.6 74.5 111.7

131 93.2 72.3 108.5

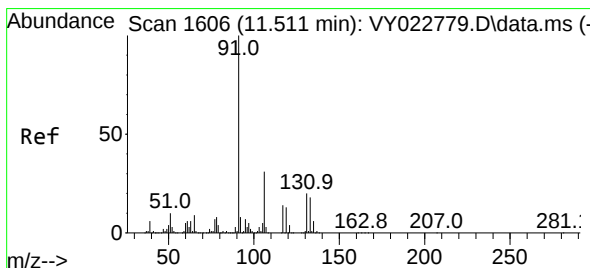
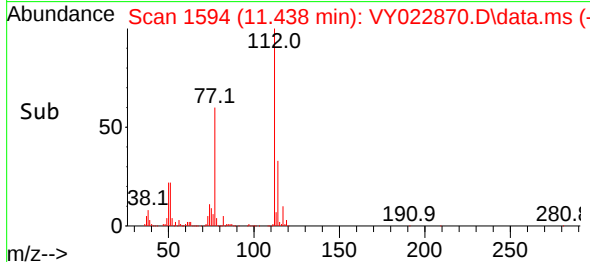
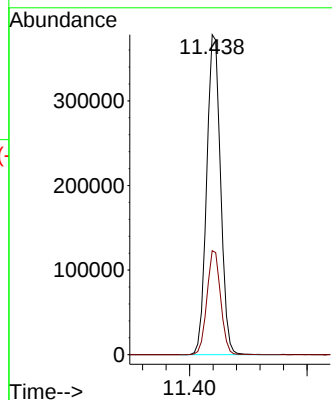
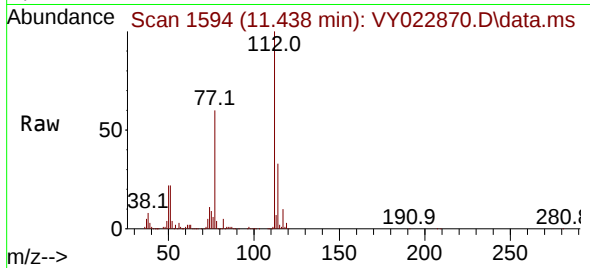




#65
Chlorobenzene
Concen: 48.540 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

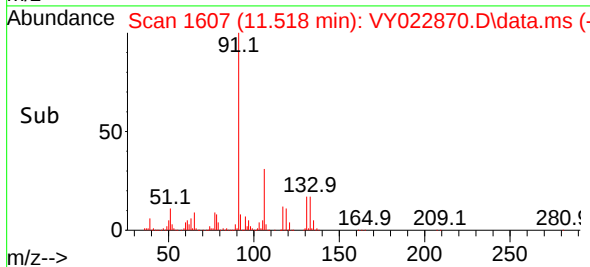
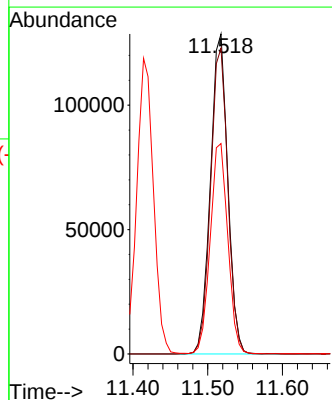
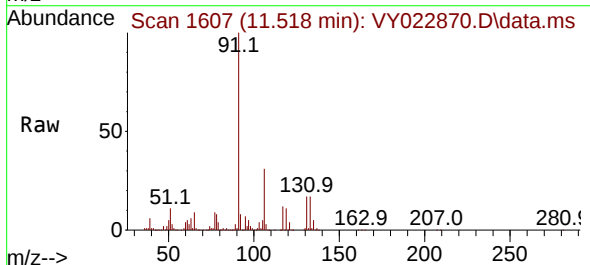
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

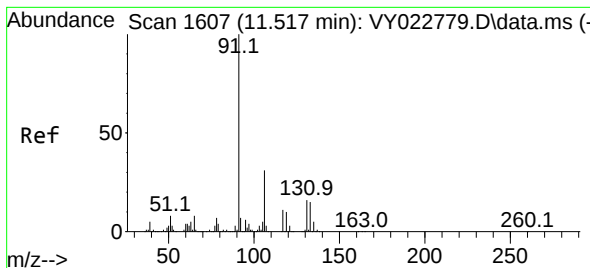
Tgt Ion:112 Resp: 619261
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.990 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:131 Resp: 207370
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 66.8 33.1 99.3





#67

Ethyl Benzene

Concen: 49.731 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

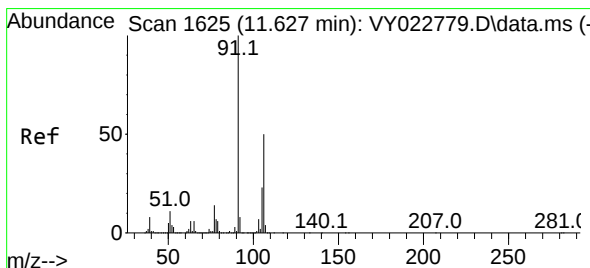
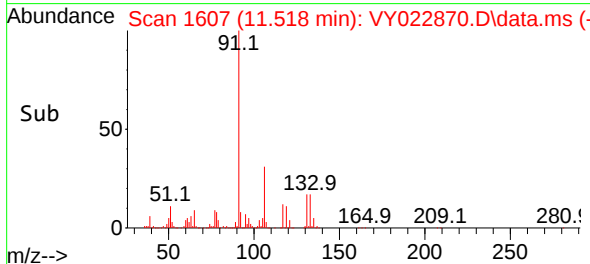
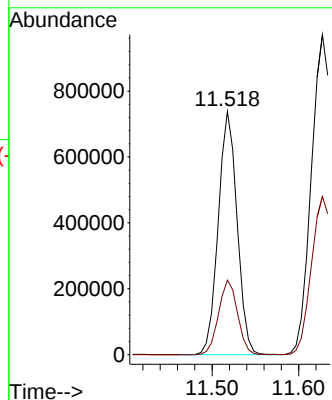
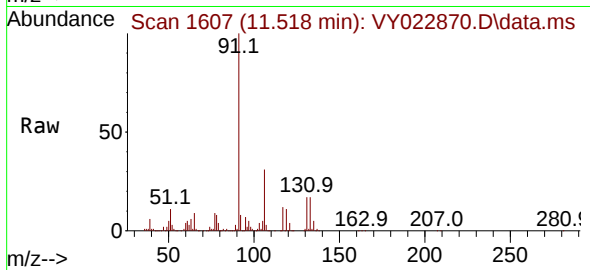
VSTDCCC050EC

Tgt Ion: 91 Resp: 1114724

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4



#68

m/p-Xylenes

Concen: 98.686 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022870.D

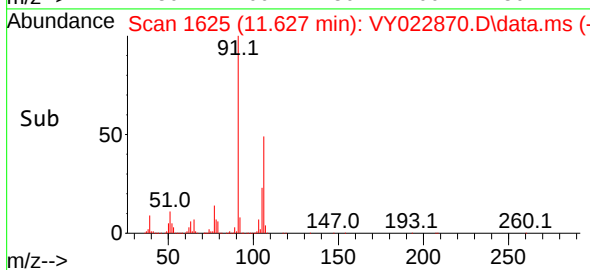
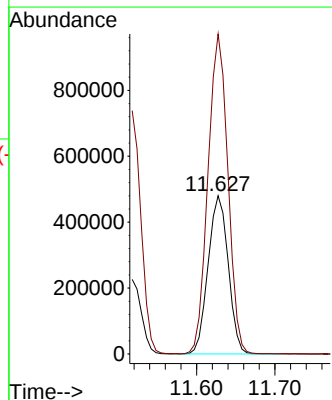
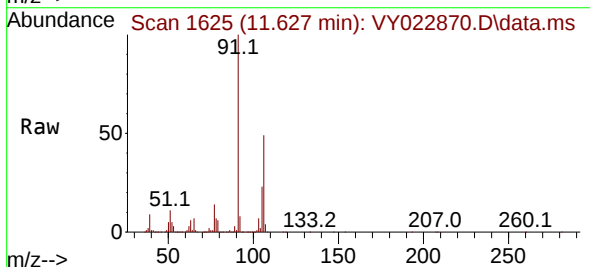
Acq: 27 Jun 2025 18:49

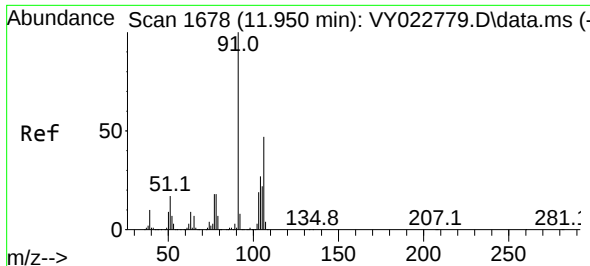
Tgt Ion: 106 Resp: 855101

Ion Ratio Lower Upper

106 100

91 200.3 159.4 239.0

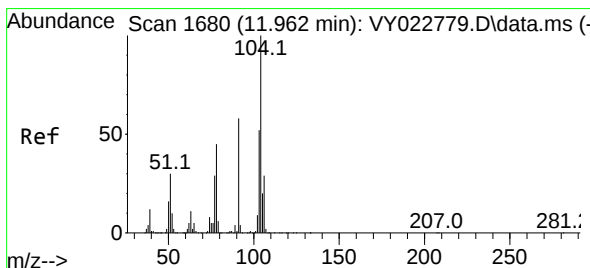
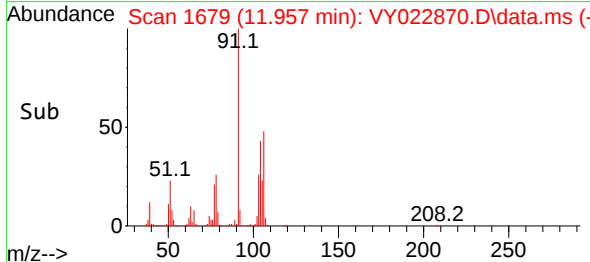
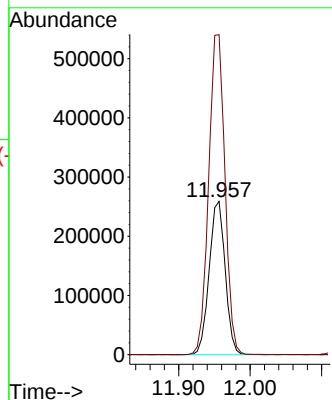
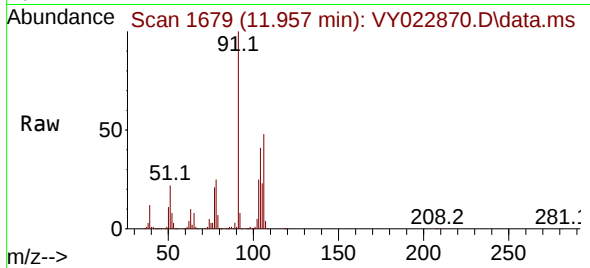




#69
o-Xylene
Concen: 49.277 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

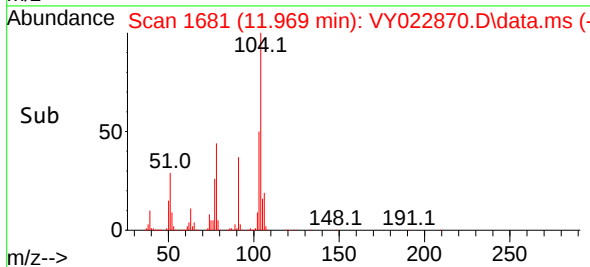
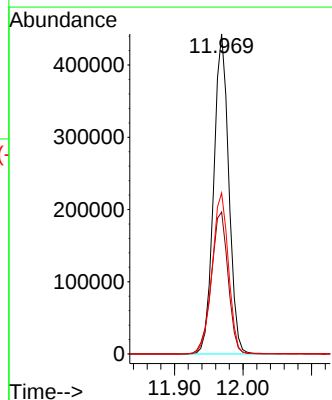
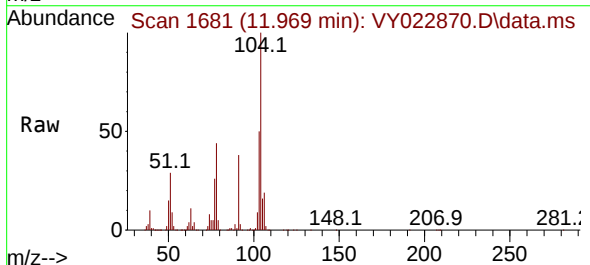
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

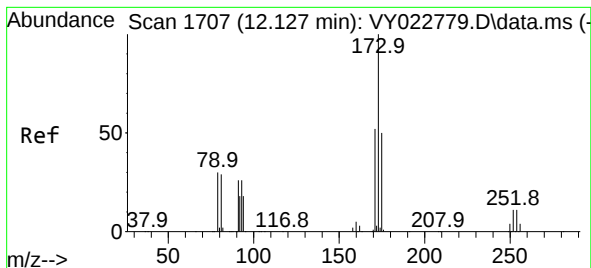
Tgt Ion:106 Resp: 402321
Ion Ratio Lower Upper
106 100
91 212.5 105.8 317.3



#70
Styrene
Concen: 49.572 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:104 Resp: 677950
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.4 44.1 66.1





#71

Bromoform

Concen: 44.146 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

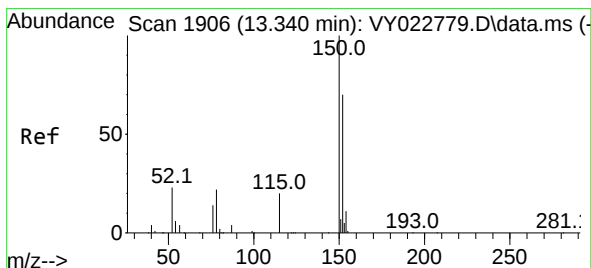
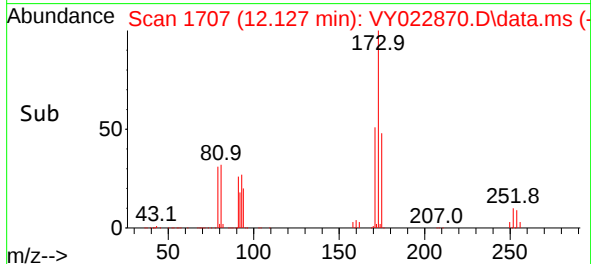
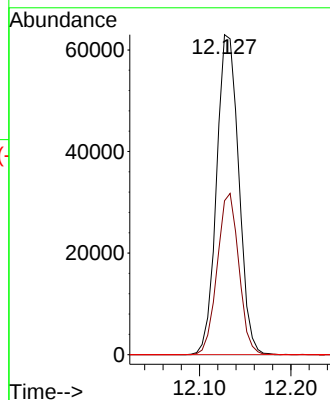
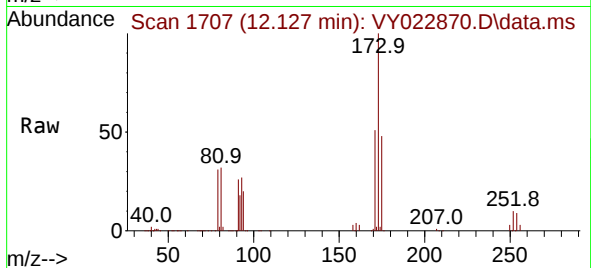
Tgt Ion:173 Resp: 106217

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

254 0.0 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: VY022870.D

Acq: 27 Jun 2025 18:49

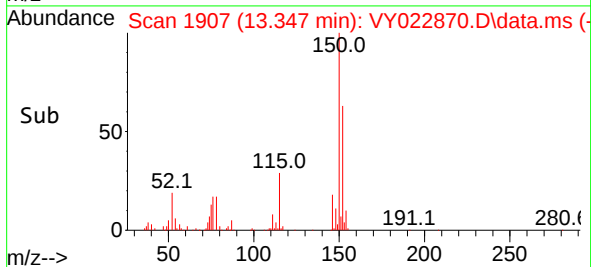
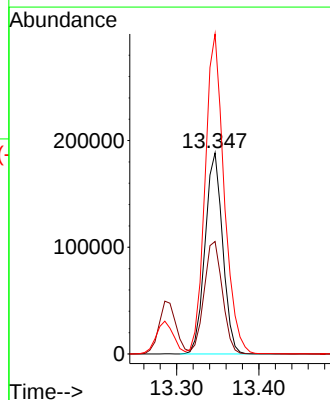
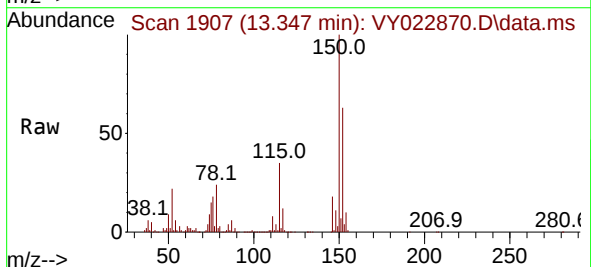
Tgt Ion:152 Resp: 280375

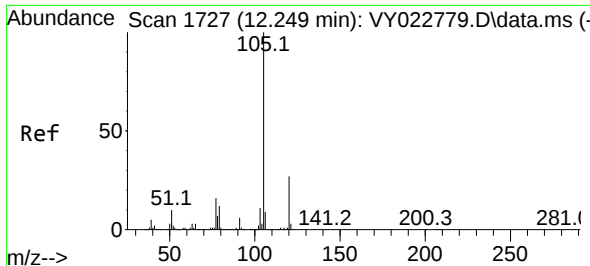
Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 172.3 0.0 349.6

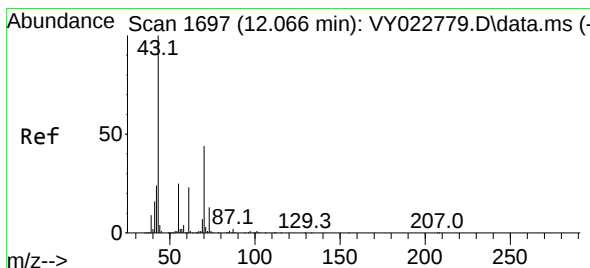
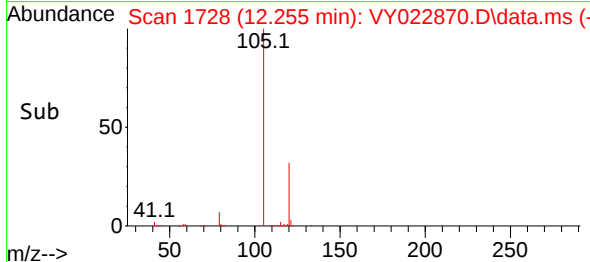
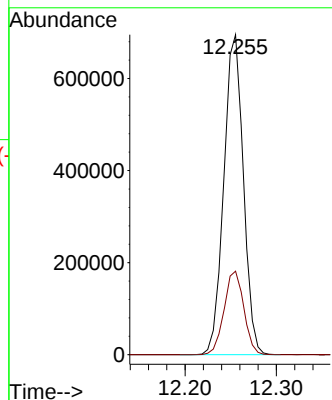
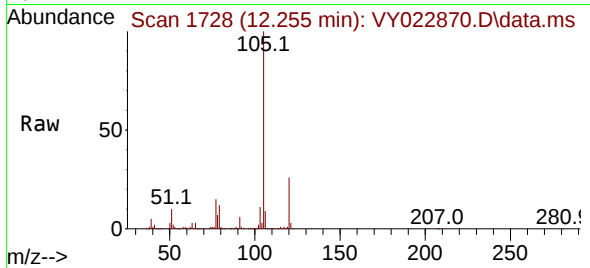




#73
Isopropylbenzene
Concen: 49.846 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

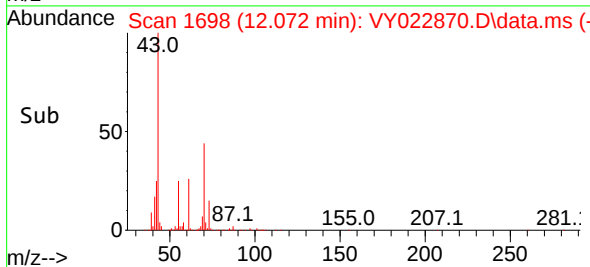
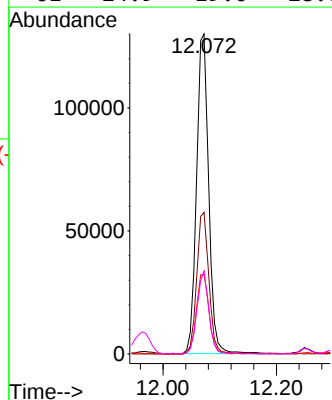
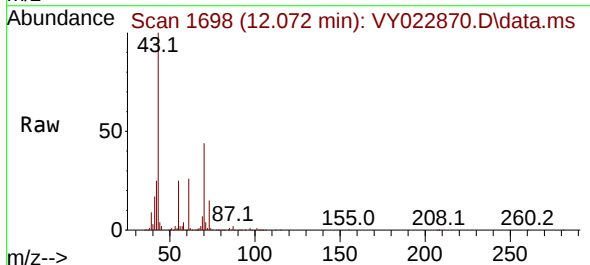
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

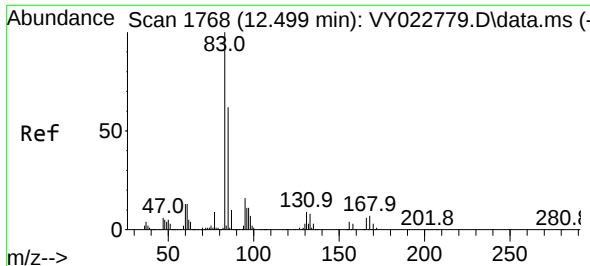
Tgt Ion:105 Resp: 1033584
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 41.497 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 43 Resp: 193144
Ion Ratio Lower Upper
43 100
70 44.4 34.2 51.2
55 26.1 18.2 27.4
61 24.9 19.0 28.6

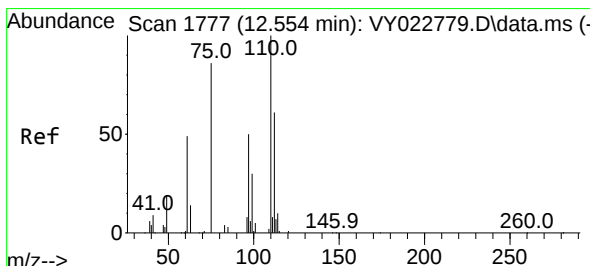
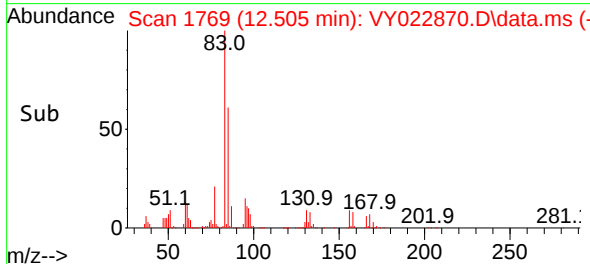
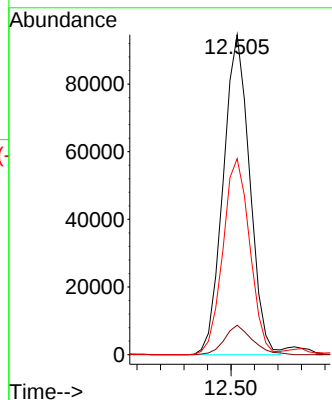
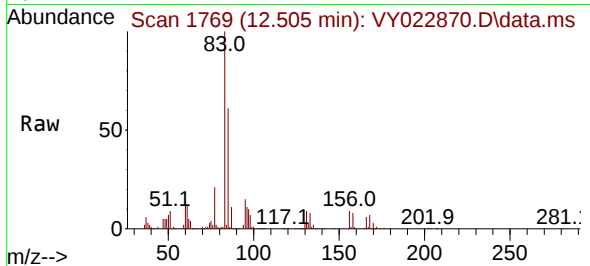




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.281 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

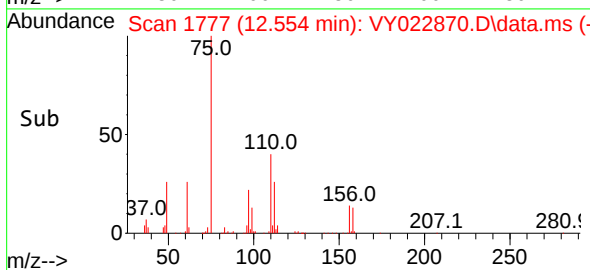
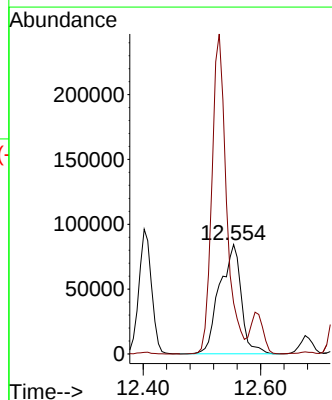
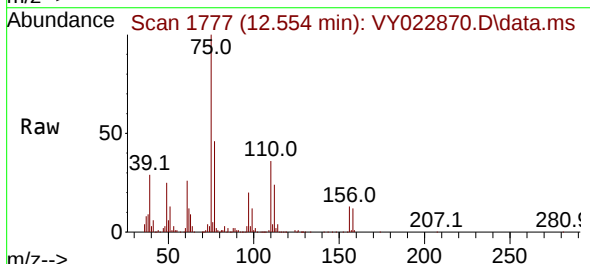
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

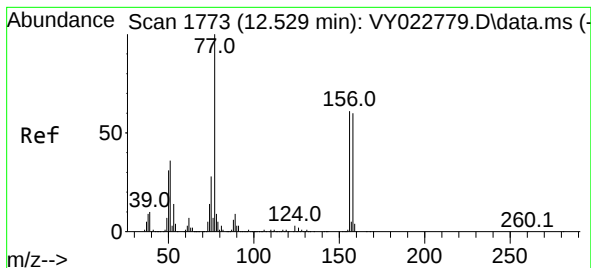
Tgt Ion: 83 Resp: 147983
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 62.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 75.637 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

Tgt Ion: 75 Resp: 216503
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.115 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

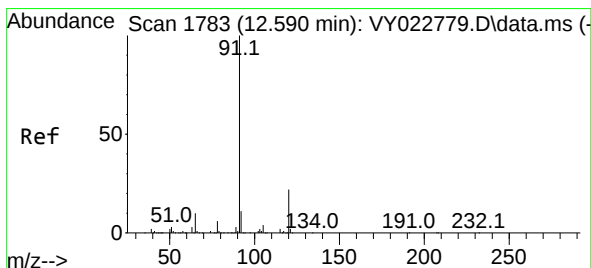
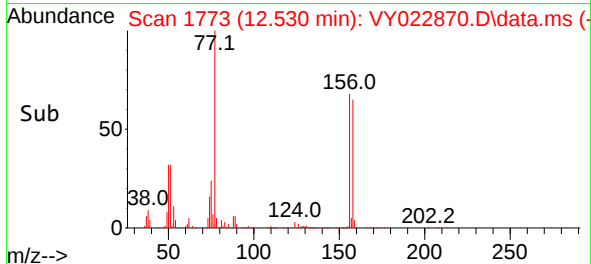
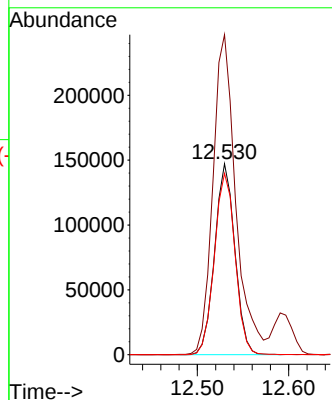
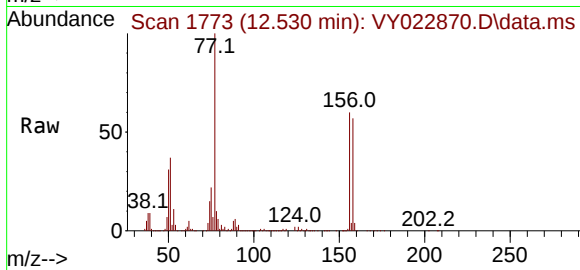
Tgt Ion:156 Resp: 226142

Ion Ratio Lower Upper

156 100

77 188.8 94.0 282.1

158 97.2 48.2 144.6



#78

n-propylbenzene

Concen: 49.700 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022870.D

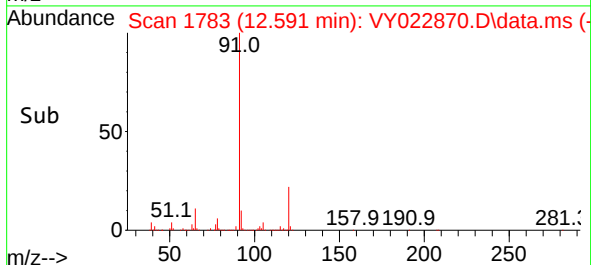
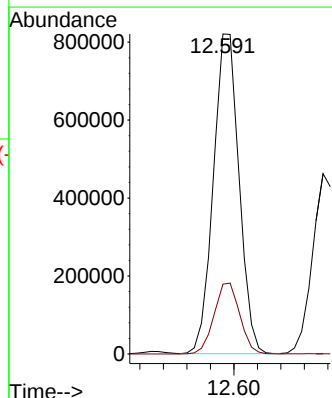
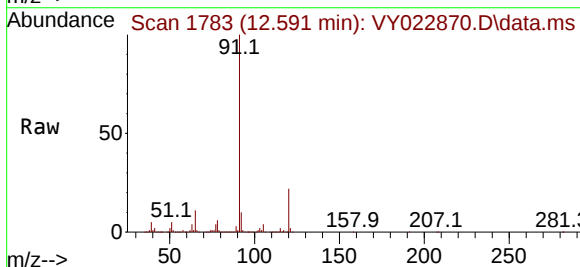
Acq: 27 Jun 2025 18:49

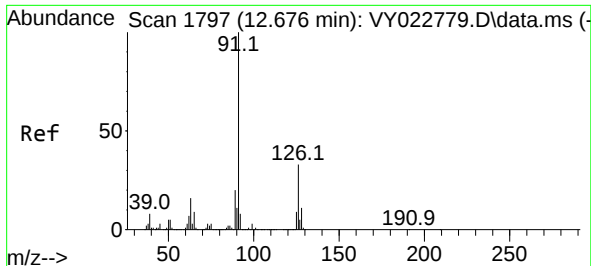
Tgt Ion: 91 Resp: 1244260

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

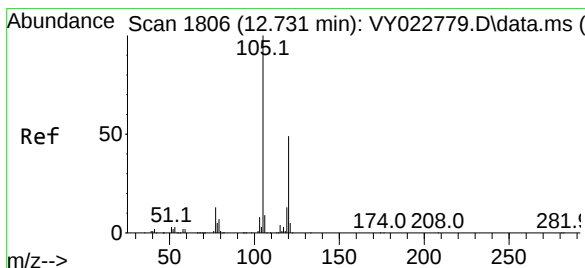
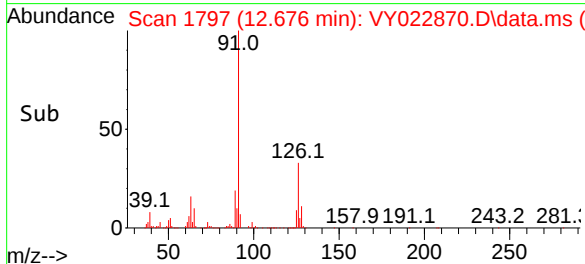
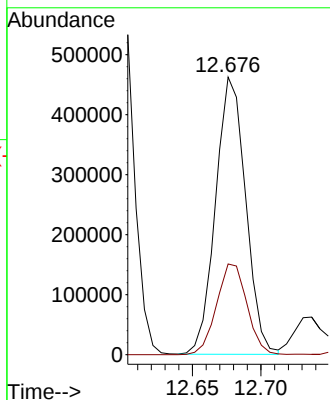
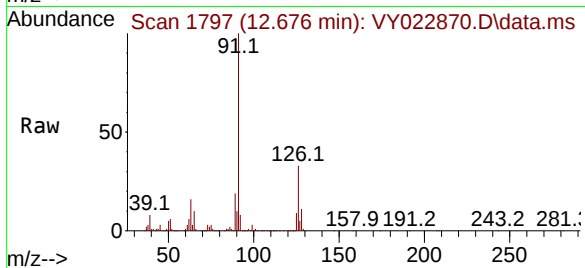




#79
2-Chlorotoluene
Concen: 49.938 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

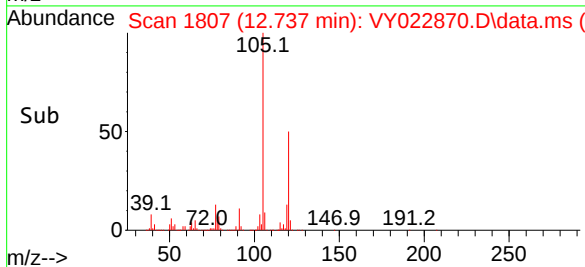
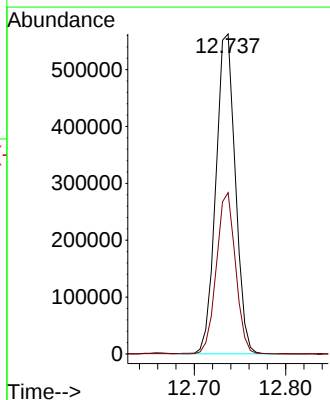
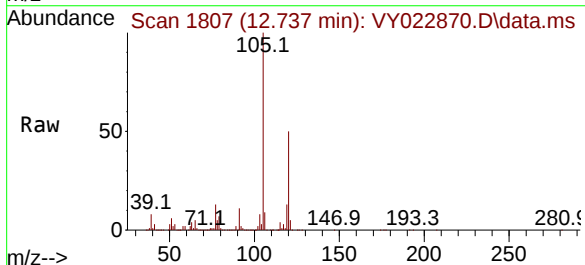
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

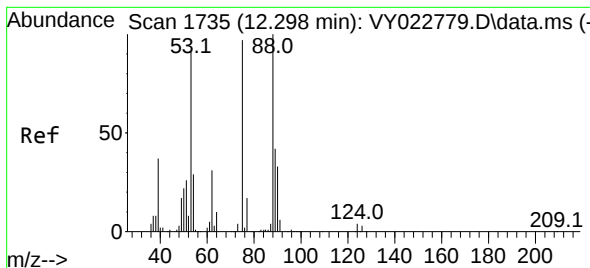
Tgt Ion: 91 Resp: 706358
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 49.731 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 105 Resp: 832452
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.4

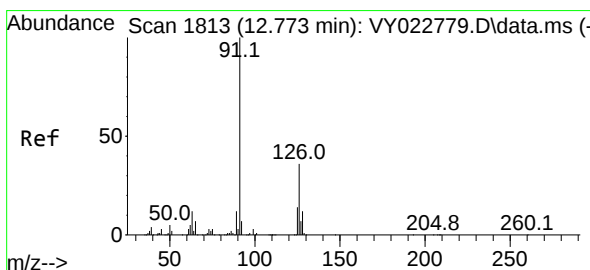
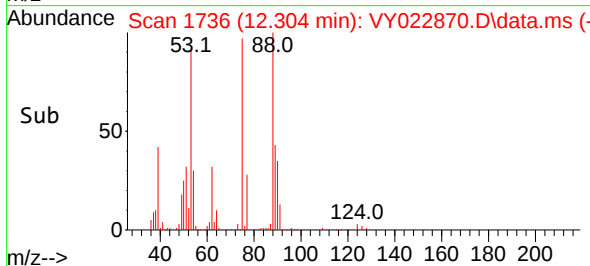
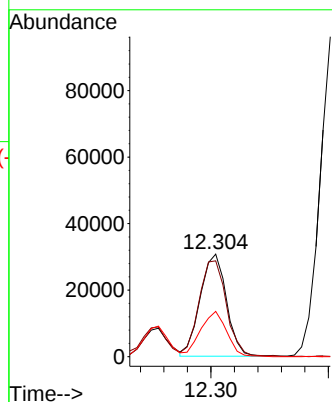
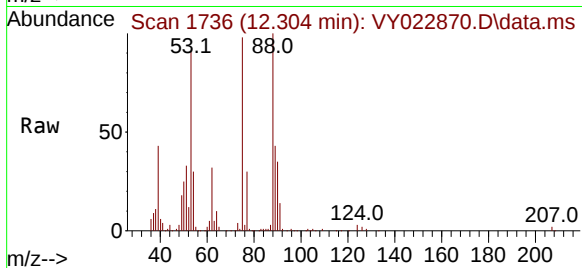




#81
trans-1,4-Dichloro-2-butene
Concen: 42.110 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

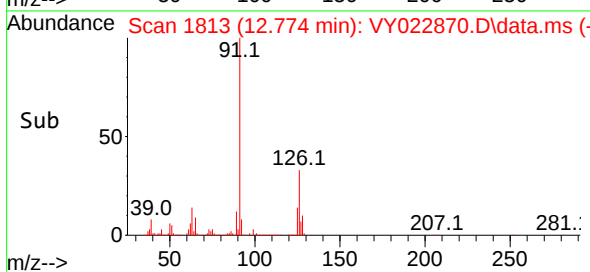
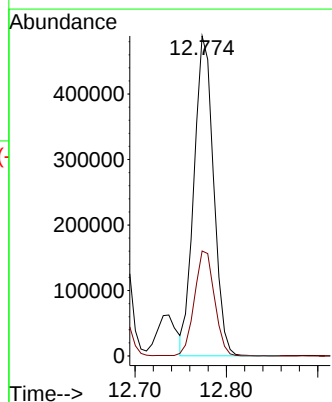
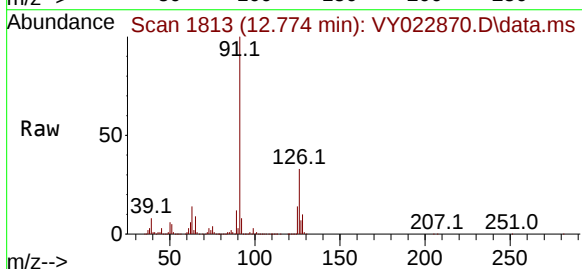
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

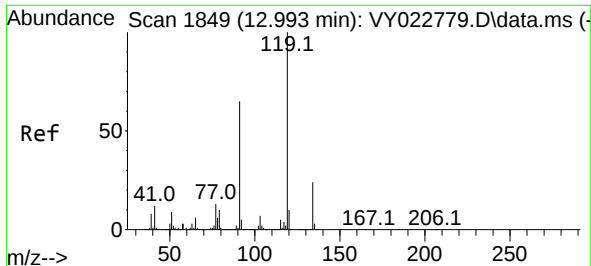
Tgt Ion: 75 Resp: 47710
Ion Ratio Lower Upper
75 100
53 98.0 78.5 117.7
89 44.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 48.874 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 91 Resp: 726133
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9

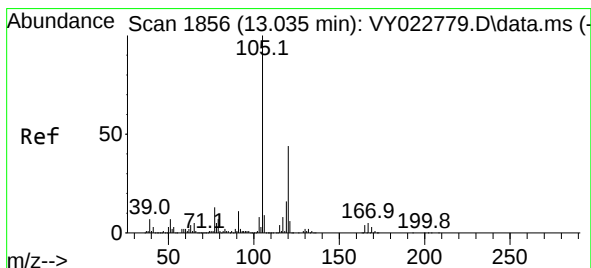
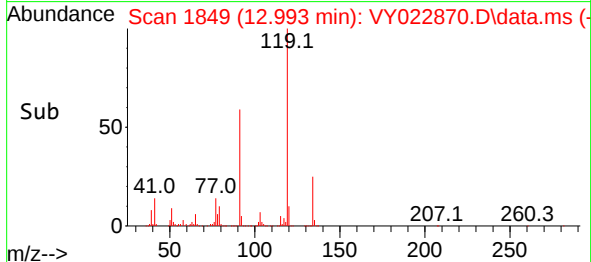
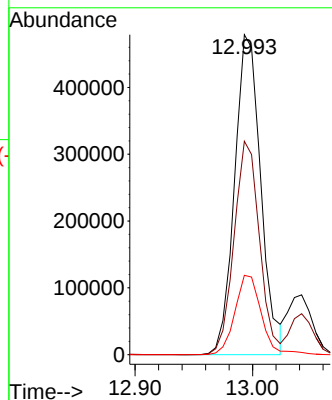
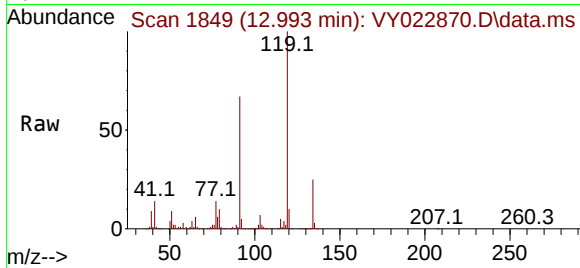




#83
tert-Butylbenzene
Concen: 50.294 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

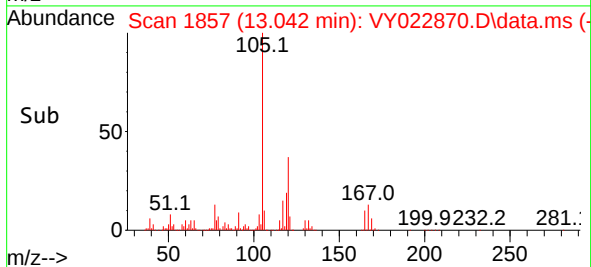
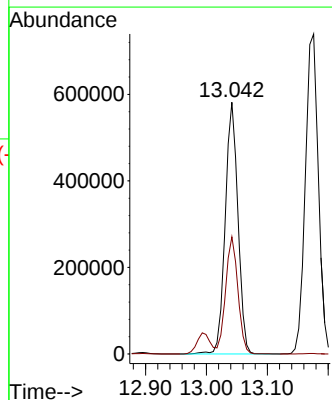
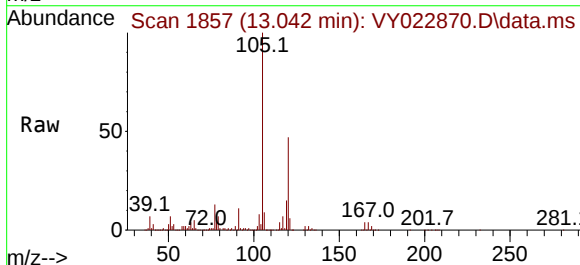
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

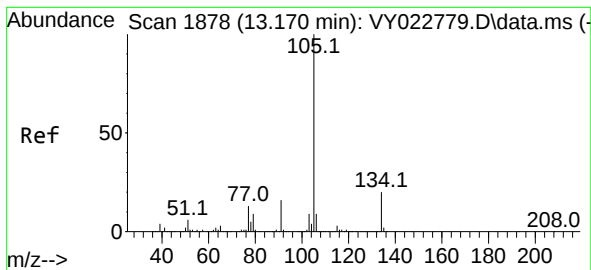
Tgt Ion:119 Resp: 742464
Ion Ratio Lower Upper
119 100
91 64.8 32.1 96.3
134 25.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.378 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:105 Resp: 844291
Ion Ratio Lower Upper
105 100
120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.434 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

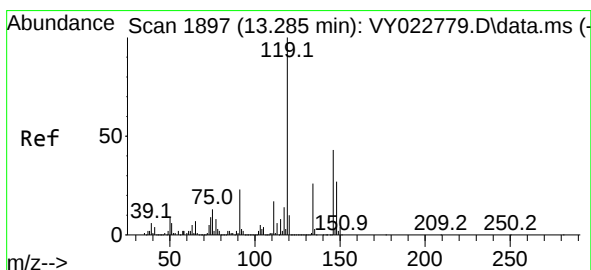
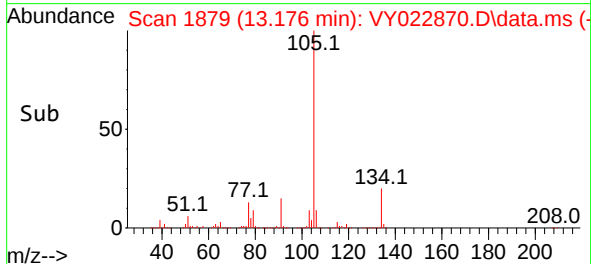
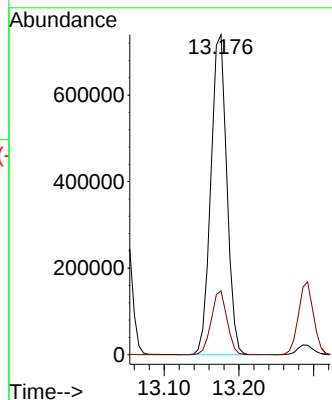
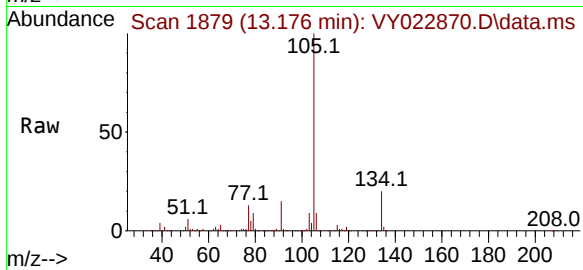
VSTDCCC050EC

Tgt Ion:105 Resp: 1097999

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.690 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

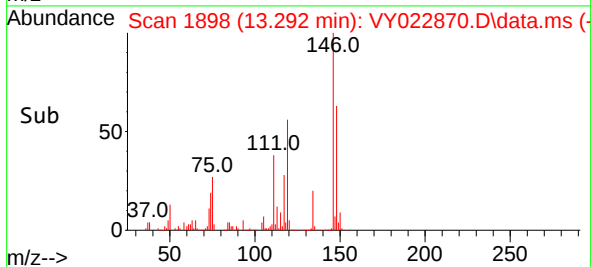
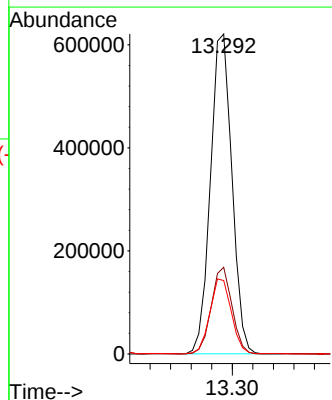
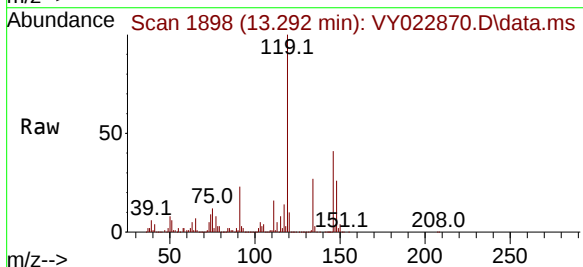
Tgt Ion:119 Resp: 899977

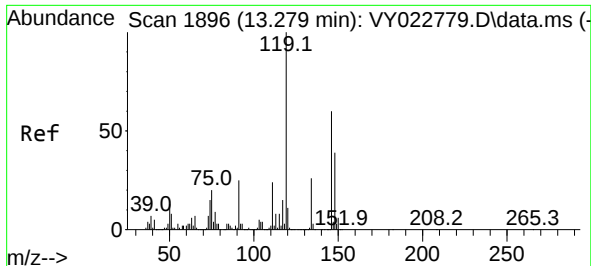
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.4 11.6 34.8

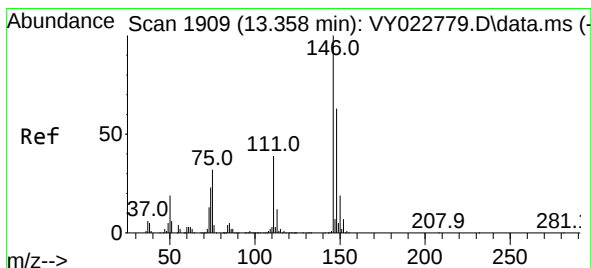
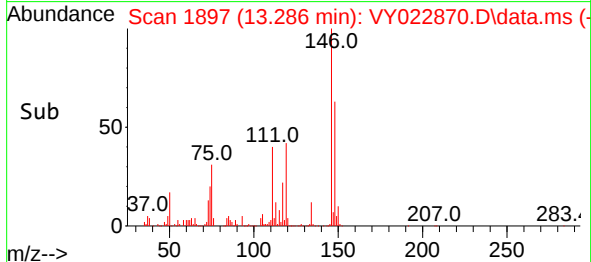
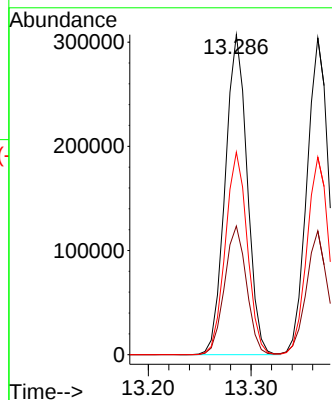
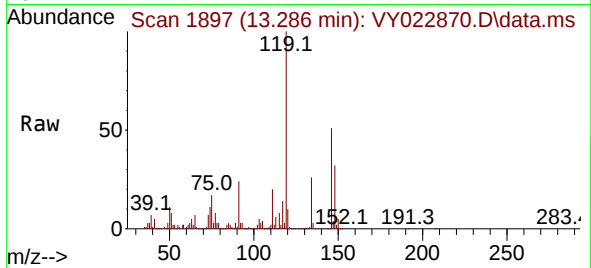




#87
 1,3-Dichlorobenzene
 Concen: 48.286 ug/l
 RT: 13.286 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

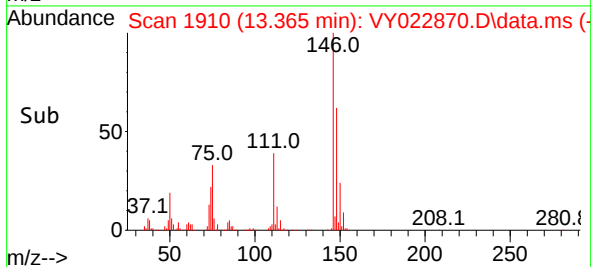
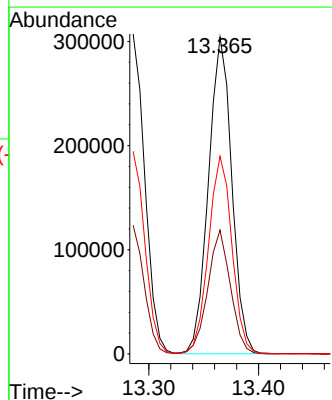
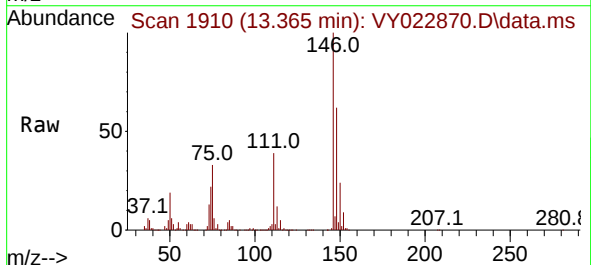
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

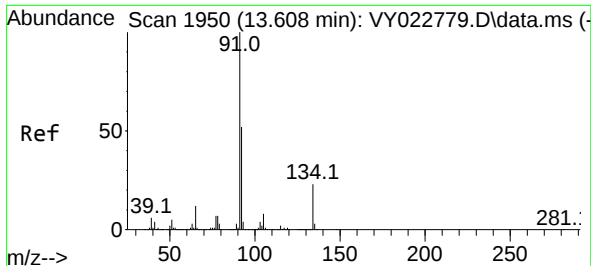
Tgt Ion:146 Resp: 455787
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.935 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

Tgt Ion:146 Resp: 449463
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 62.7 31.6 94.8

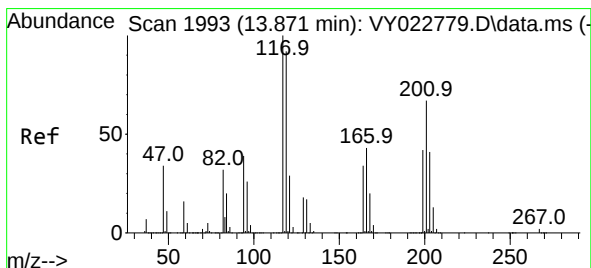
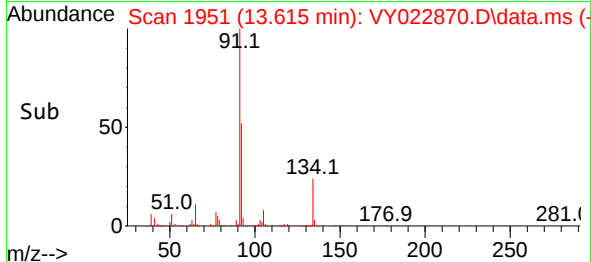
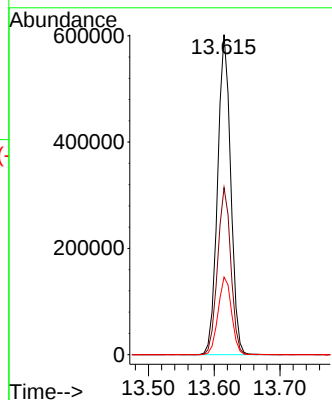
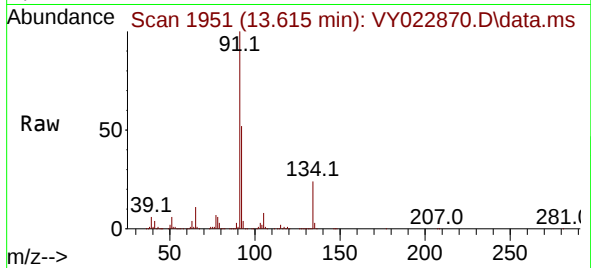




#89
n-Butylbenzene
Concen: 47.970 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

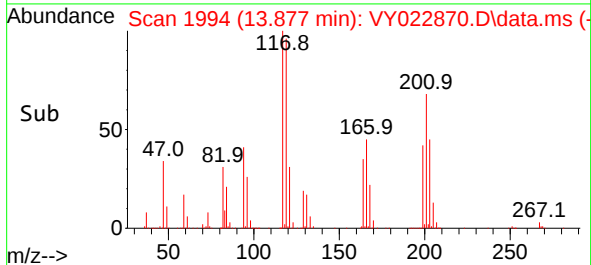
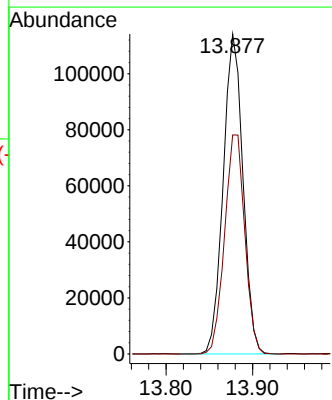
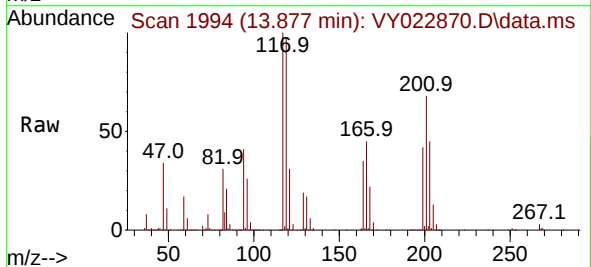
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

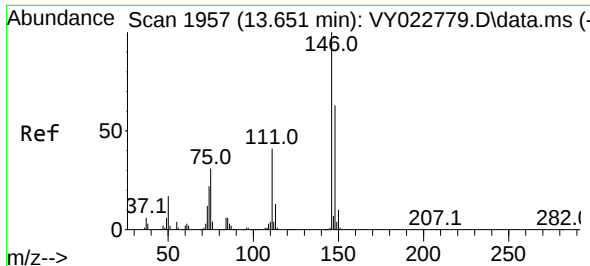
Tgt Ion: 91 Resp: 834032
Ion Ratio Lower Upper
91 100
92 52.8 25.9 77.8
134 24.9 12.0 36.1



#90
Hexachloroethane
Concen: 49.031 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 117 Resp: 180506
Ion Ratio Lower Upper
117 100
201 70.3 34.0 102.0

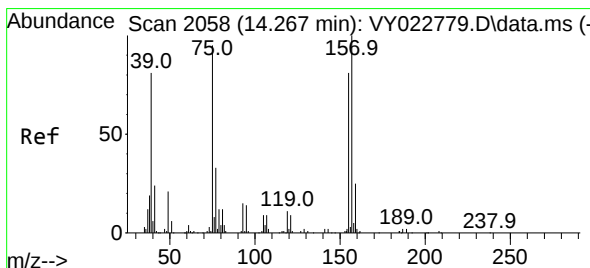
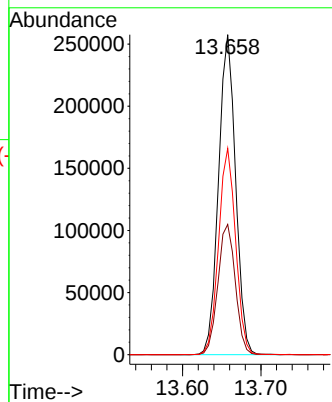
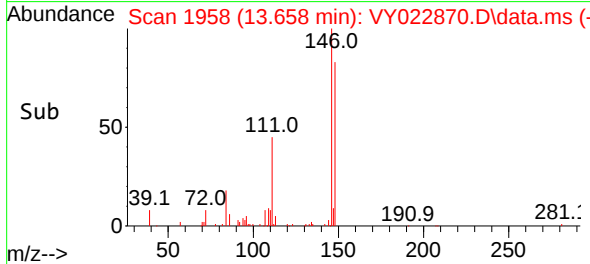
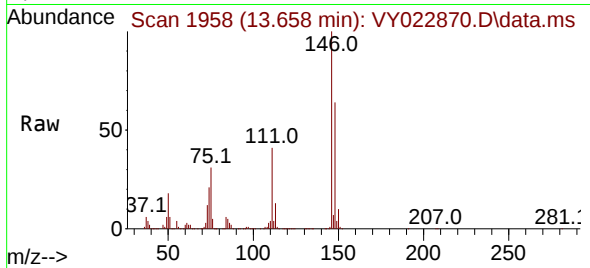




#91
 1,2-Dichlorobenzene
 Concen: 46.958 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

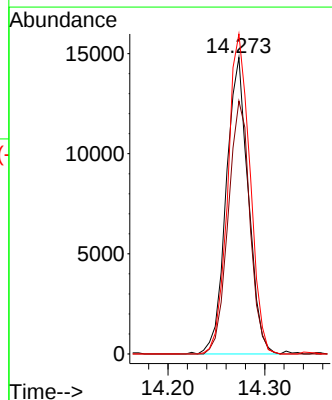
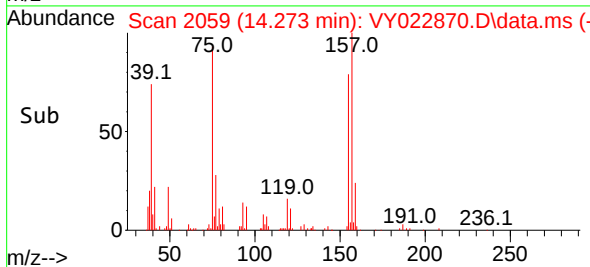
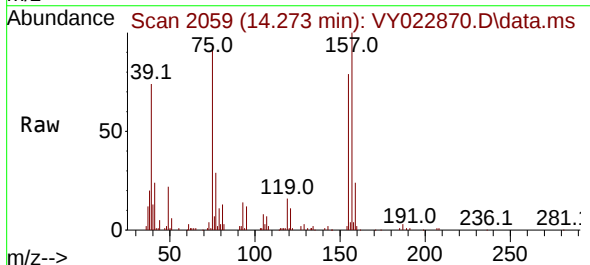
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

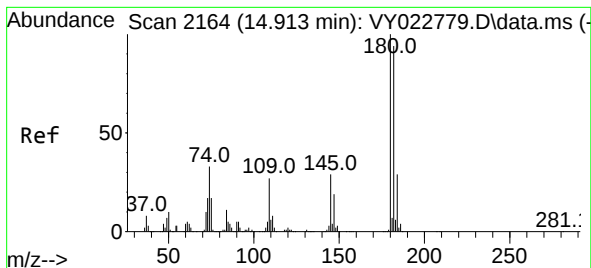
Tgt Ion:146 Resp: 390618
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.2 60.6
 148 64.4 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.450 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

Tgt Ion: 75 Resp: 23491
 Ion Ratio Lower Upper
 75 100
 155 83.9 39.9 119.6
 157 108.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 42.029 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

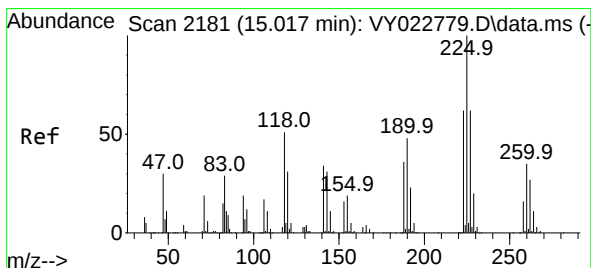
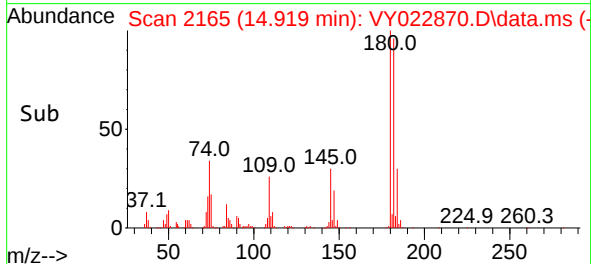
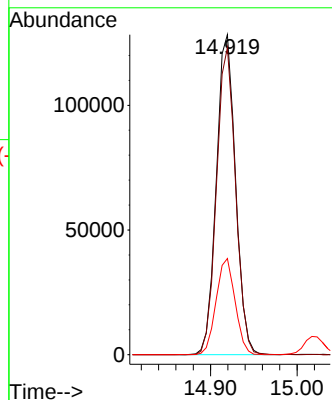
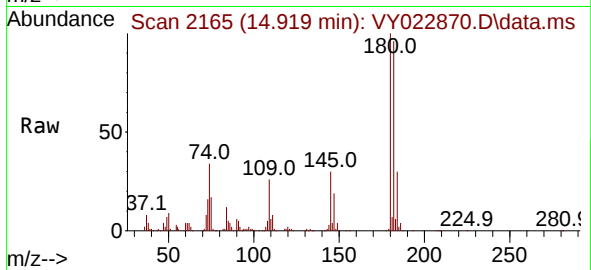
Tgt Ion:180 Resp: 197398

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 42.823 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

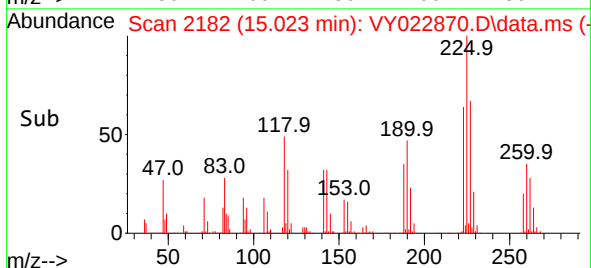
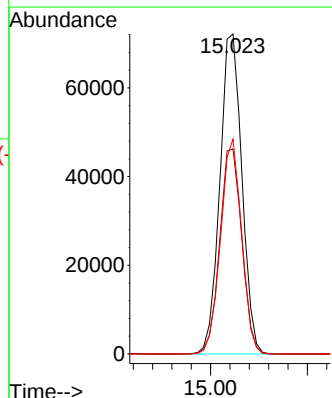
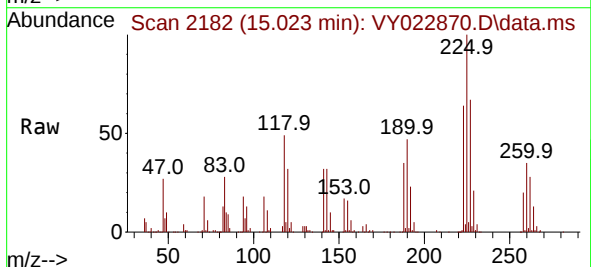
Tgt Ion:225 Resp: 113732

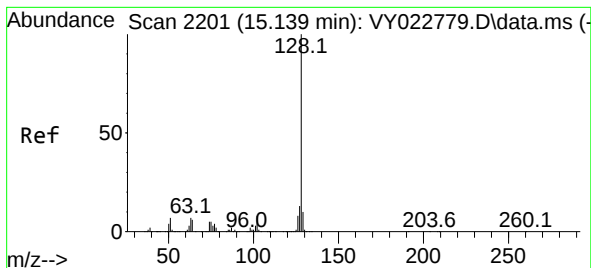
Ion Ratio Lower Upper

225 100

223 64.3 32.5 97.4

227 64.2 32.3 96.9





#95

Naphthalene

Concen: 41.807 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

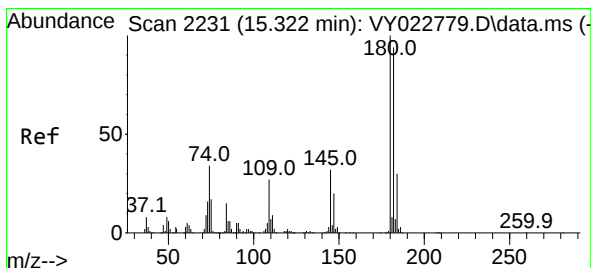
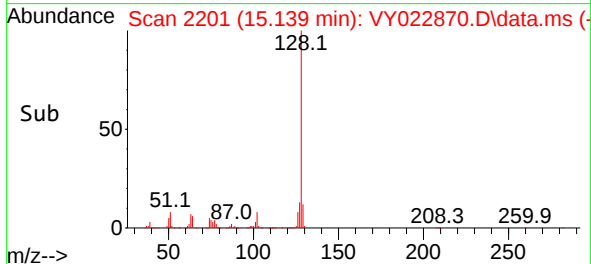
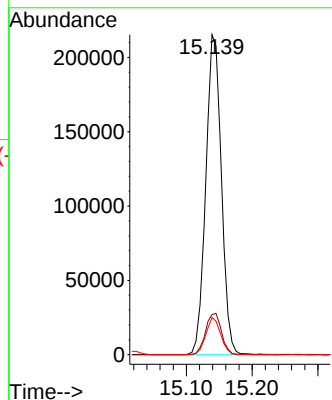
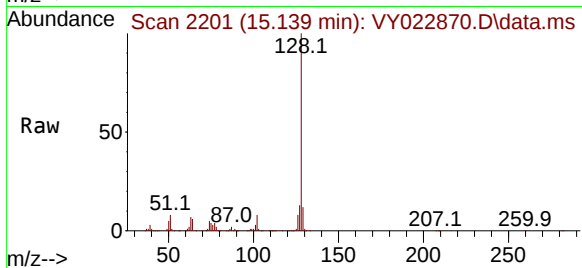
Tgt Ion:128 Resp: 355075

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 42.274 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Tgt Ion:180 Resp: 171568

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 30.8 15.2 45.6

