

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022779.D
 Acq On : 23 Jun 2025 14:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 24 02:52:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	466305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	785509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	682333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	344728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	260449	50.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.634	113	238601	49.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.103	98	954176	50.336	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.401	95	302230	49.596	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	197658	49.571	ug/l	100
3) Chloromethane	2.062	50	369888	48.580	ug/l	100
4) Vinyl Chloride	2.196	62	487333	51.231	ug/l	100
5) Bromomethane	2.586	94	359349	48.052	ug/l	100
6) Chloroethane	2.726	64	323583	50.606	ug/l	100
7) Trichlorofluoromethane	3.043	101	543608	51.610	ug/l	100
8) Diethyl Ether	3.452	74	132997	51.123	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	240341	49.930	ug/l	100
10) Methyl Iodide	3.994	142	292108	55.737	ug/l	100
11) Tert butyl alcohol	4.860	59	89018	257.234	ug/l	100
12) 1,1-Dichloroethene	3.781	96	239818	50.810	ug/l	100
13) Acrolein	3.647	56	115313	245.735	ug/l	100
14) Allyl chloride	4.378	41	371698	51.200	ug/l	100
15) Acrylonitrile	5.049	53	281372	259.229	ug/l	100
16) Acetone	3.866	43	222401	226.091	ug/l	100
17) Carbon Disulfide	4.098	76	777454	50.988	ug/l	100
18) Methyl Acetate	4.378	43	163588	50.217	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	669314	52.080	ug/l	100
20) Methylene Chloride	4.604	84	275283	44.313	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	276104	51.184	ug/l	100
22) Diisopropyl ether	6.018	45	834245	51.744	ug/l	100
23) Vinyl Acetate	5.951	43	2354219	264.392	ug/l	100
24) 1,1-Dichloroethane	5.909	63	502277	51.577	ug/l	100
25) 2-Butanone	6.890	43	357225	249.517	ug/l	100
26) 2,2-Dichloropropane	6.878	77	412194	50.494	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	319602	50.988	ug/l	100
28) Bromochloromethane	7.244	49	214101	52.294	ug/l	100
29) Tetrahydrofuran	7.256	42	237439	262.648	ug/l	100
30) Chloroform	7.421	83	511015	50.947	ug/l	100
31) Cyclohexane	7.695	56	441072	49.341	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	442929	51.101	ug/l	100
36) 1,1-Dichloropropene	7.829	75	368198	50.850	ug/l	100
37) Ethyl Acetate	6.982	43	161593	51.717	ug/l	100
38) Carbon Tetrachloride	7.817	117	385426	50.447	ug/l	100
39) Methylcyclohexane	9.103	83	485179	51.778	ug/l	100
40) Benzene	8.073	78	1150210	51.666	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	93931	47.652	ug/l	100
42) 1,2-Dichloroethane	8.152	62	314067	51.482	ug/l	100
43) Isopropyl Acetate	8.195	43	342439	52.731	ug/l	100
44) Trichloroethene	8.859	130	292433	52.319	ug/l	100
45) 1,2-Dichloropropane	9.140	63	266251	51.100	ug/l	100
46) Dibromomethane	9.231	93	150422	50.856	ug/l	100
47) Bromodichloromethane	9.420	83	391542	51.335	ug/l	100
48) Methyl methacrylate	9.219	41	168241	53.890	ug/l	100
49) 1,4-Dioxane	9.231	88	36253	1037.426	ug/l	100
51) 4-Methyl-2-Pentanone	9.993	43	886055	268.494	ug/l	100
52) Toluene	10.170	92	727451	51.795	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	354481	51.655	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	411345	51.696	ug/l	100
55) 1,1,2-Trichloroethane	10.566	97	198415	51.805	ug/l	100
56) Ethyl methacrylate	10.432	69	277956	53.942	ug/l	100
57) 1,3-Dichloropropane	10.713	76	344212	51.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	664611	245.688	ug/l	100
59) 2-Hexanone	10.755	43	594522	264.979	ug/l	100
60) Dibromochloromethane	10.908	129	258124	52.176	ug/l	100
61) 1,2-Dibromoethane	11.011	107	185981	51.892	ug/l	100
64) Tetrachloroethene	10.646	164	351675	54.557	ug/l	100
65) Chlorobenzene	11.438	112	768503	51.257	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	262905	51.771	ug/l	100
67) Ethyl Benzene	11.517	91	1384381	52.553	ug/l	100
68) m/p-Xylenes	11.627	106	1067204	104.802	ug/l	100
69) o-Xylene	11.950	106	501048	52.219	ug/l	100
70) Styrene	11.962	104	852365	53.034	ug/l	100
71) Bromoform	12.127	173	144890	51.241	ug/l #	100
73) Isopropylbenzene	12.249	105	1302433	51.086	ug/l	100
74) N-amyl acetate	12.066	43	309312	54.051	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.499	83	195531	47.587	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	300296	82.722	ug/l #	100
77) Bromobenzene	12.529	156	293698	50.823	ug/l	100
78) n-propylbenzene	12.590	91	1572487	51.086	ug/l	100
79) 2-Chlorotoluene	12.676	91	887920	51.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1055520	51.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	68487	49.163	ug/l	100
82) 4-Chlorotoluene	12.773	91	929596	50.888	ug/l	100
83) tert-Butylbenzene	12.993	119	937562	51.654	ug/l	100
84) 1,2,4-Trimethylbenzene	13.035	105	1068099	51.835	ug/l	100
85) sec-Butylbenzene	13.170	105	1412230	51.712	ug/l	100
86) p-Isopropyltoluene	13.285	119	1176992	51.790	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	588857	50.737	ug/l	100
88) 1,4-Dichlorobenzene	13.358	146	581012	50.397	ug/l	100
89) n-Butylbenzene	13.608	91	1104530	51.668	ug/l	100
90) Hexachloroethane	13.871	117	232074	51.271	ug/l	100
91) 1,2-Dichlorobenzene	13.651	146	516584	50.508	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35564	51.039	ug/l	100
93) 1,2,4-Trichlorobenzene	14.913	180	290624	50.327	ug/l	100
94) Hexachlorobutadiene	15.017	225	160111	49.032	ug/l	100
95) Naphthalene	15.139	128	551169	52.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	251077	50.316	ug/l	100

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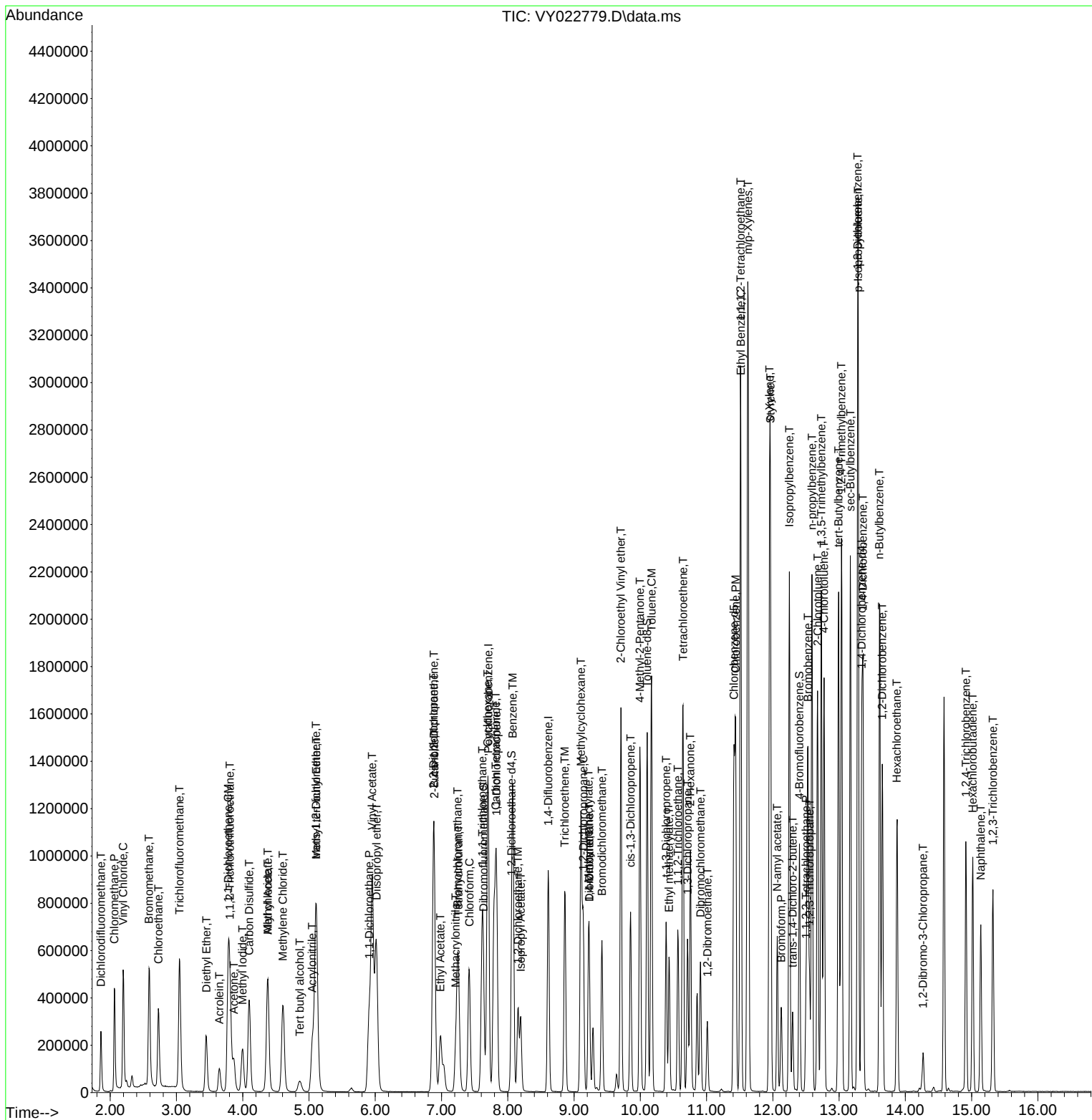
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

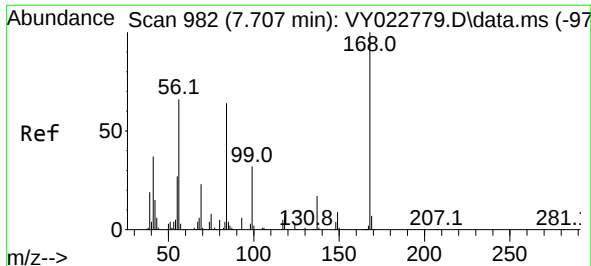
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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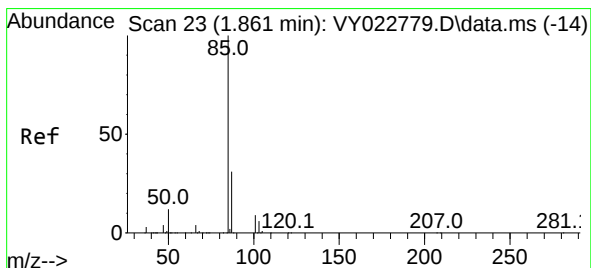
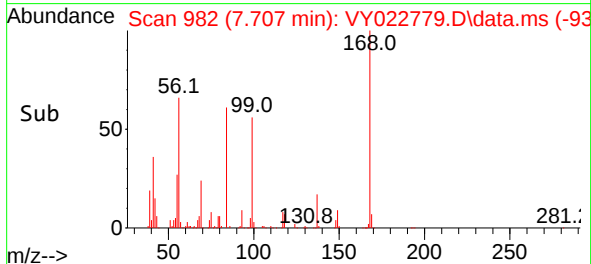
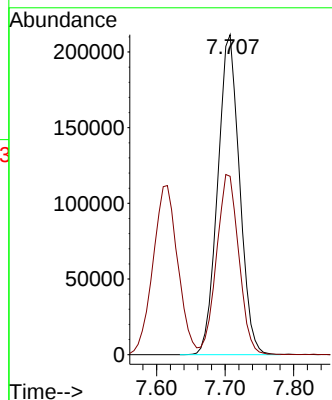
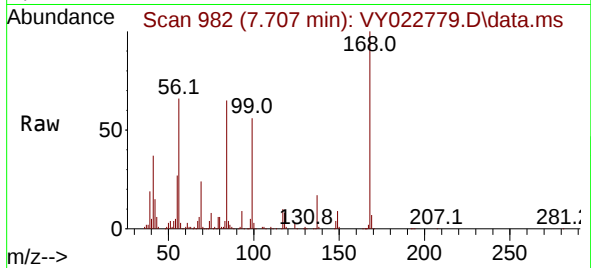




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022779.D
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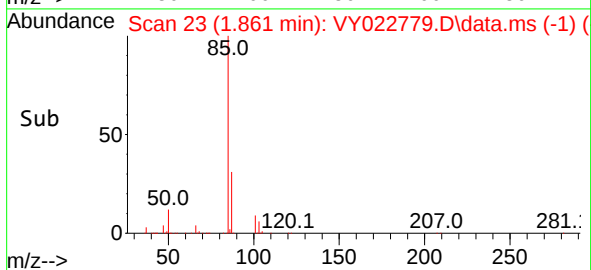
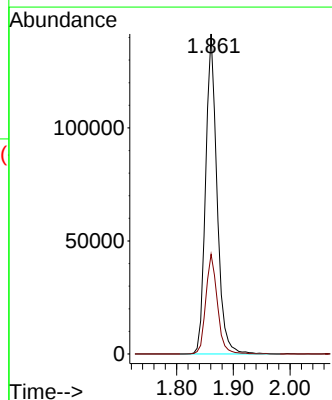
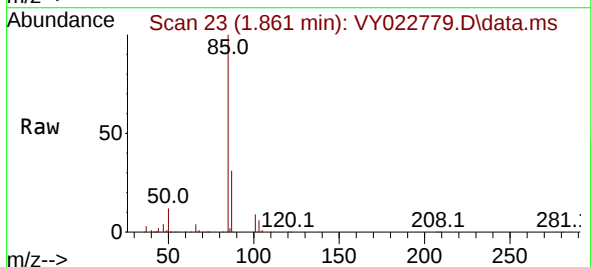
Instrument :
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ClientSampleId :
VSTDICCC050

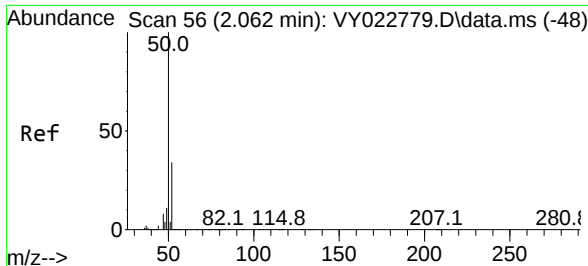
Tgt Ion:168 Resp: 466305
Ion Ratio Lower Upper
168 100
99 55.7 44.6 66.8



#2
Dichlorodifluoromethane
Concen: 49.571 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 85 Resp: 197658
Ion Ratio Lower Upper
85 100
87 31.1 15.6 46.7

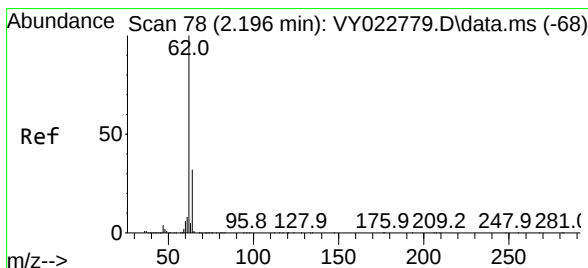
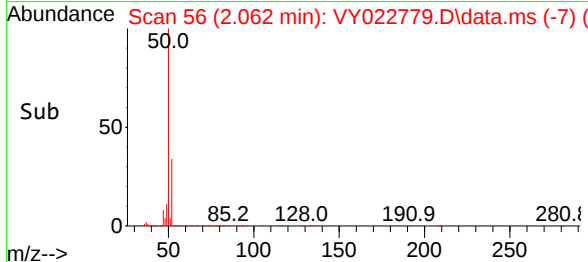
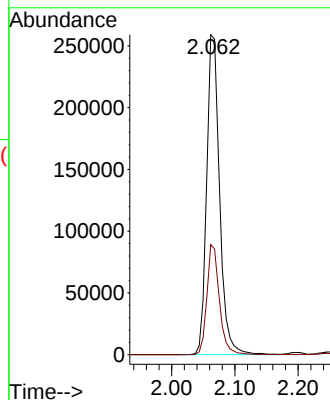
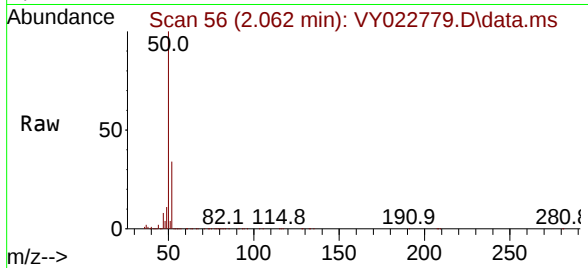




#3
Chloromethane
Concen: 48.580 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

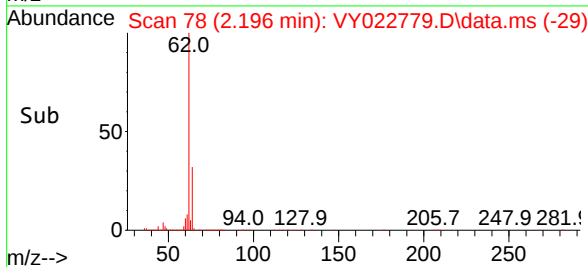
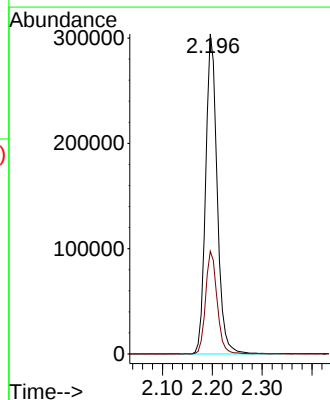
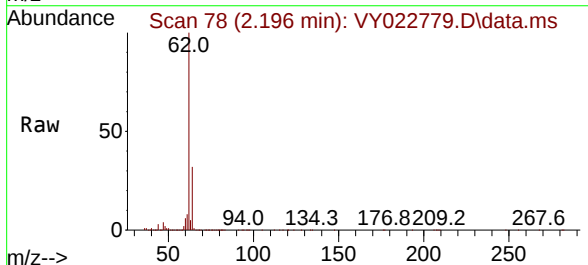
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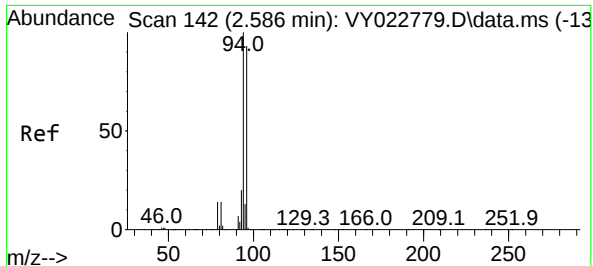
Tgt Ion: 50 Resp: 369888
Ion Ratio Lower Upper
50 100
52 34.4 27.5 41.3



#4
Vinyl Chloride
Concen: 51.231 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 62 Resp: 487333
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

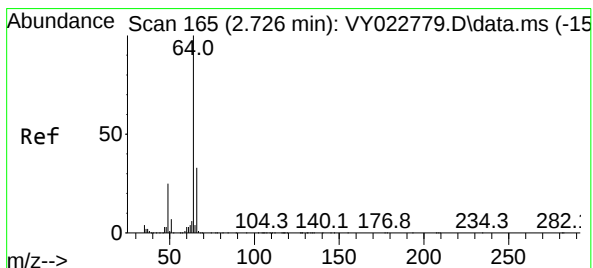
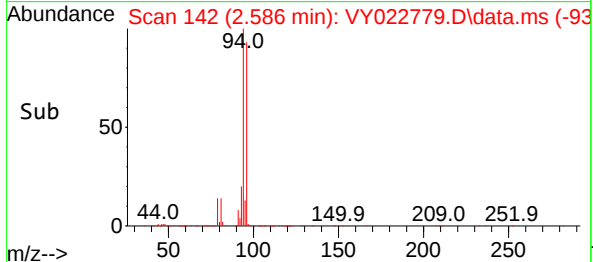
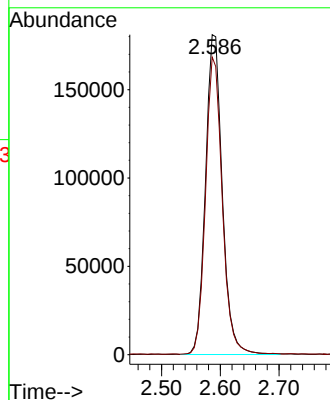
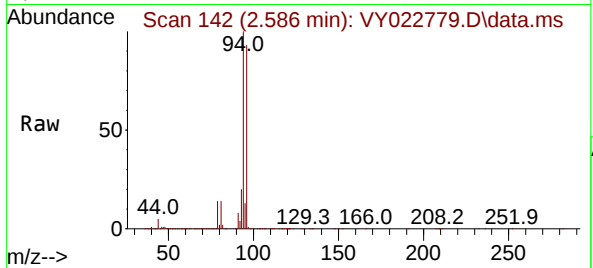




#5
Bromomethane
Concen: 48.052 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

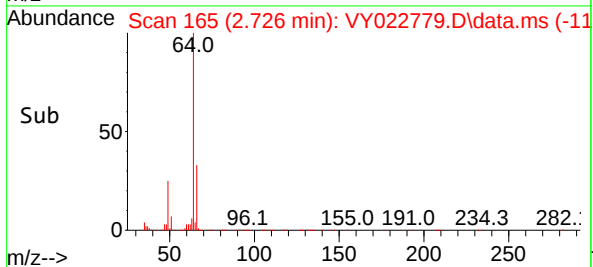
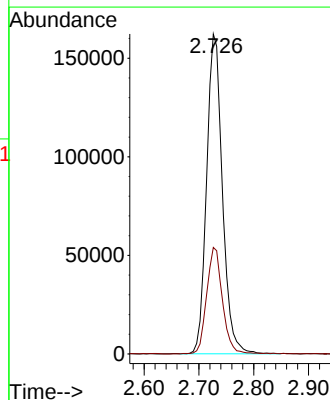
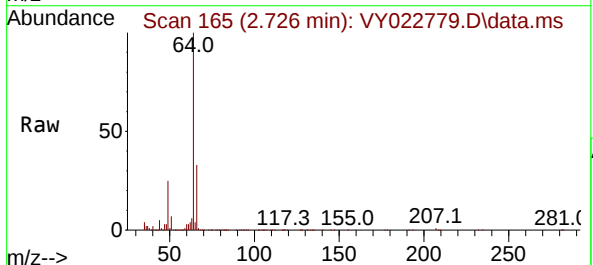
Instrument :
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Tgt Ion: 94 Resp: 359349
Ion Ratio Lower Upper
94 100
96 92.9 74.3 111.5



#6
Chloroethane
Concen: 50.606 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 64 Resp: 323583
Ion Ratio Lower Upper
64 100
66 33.2 26.6 39.8

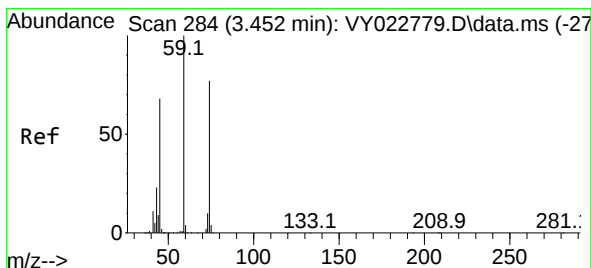
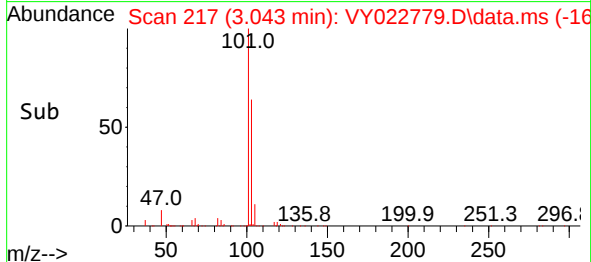
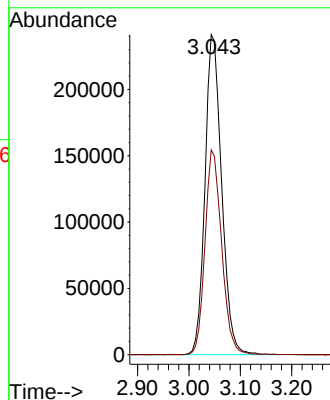
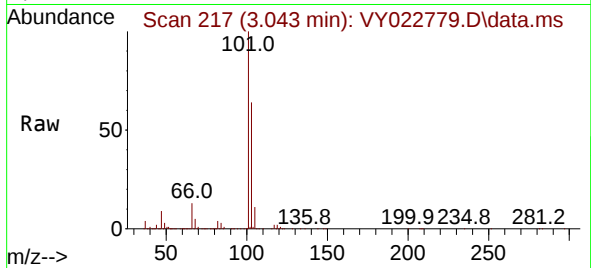




#7
Trichlorofluoromethane
Concen: 51.610 ug/l
RT: 3.043 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

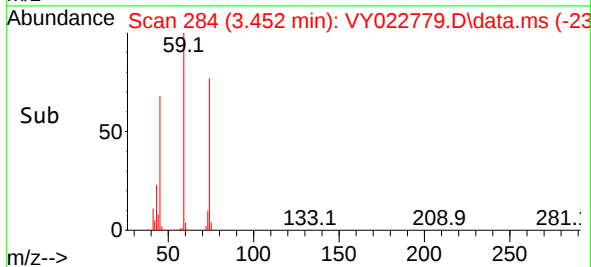
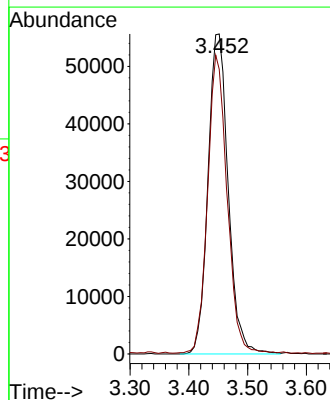
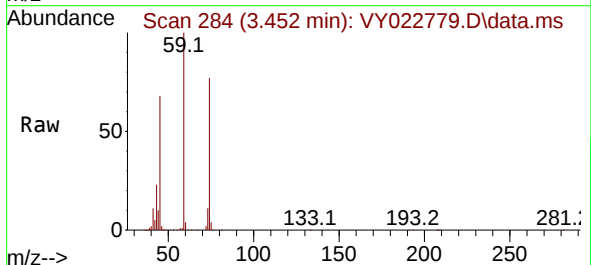
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MSVOA_Y
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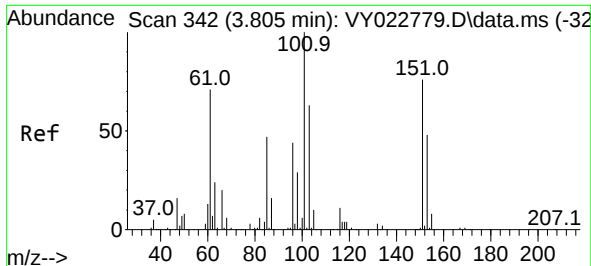
Tgt Ion:101 Resp: 543608
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7



#8
Diethyl Ether
Concen: 51.123 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 74 Resp: 132997
Ion Ratio Lower Upper
74 100
45 89.9 45.0 134.8

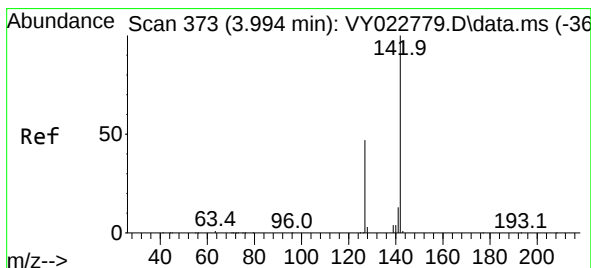
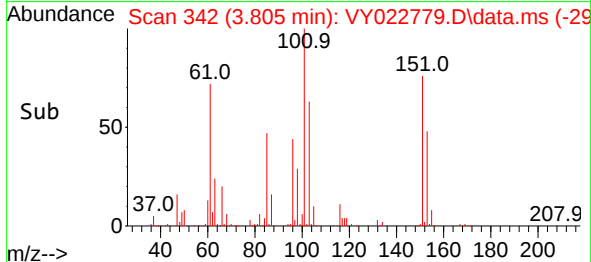
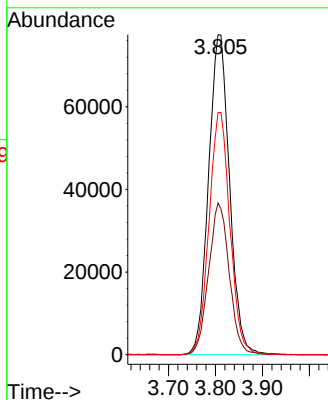
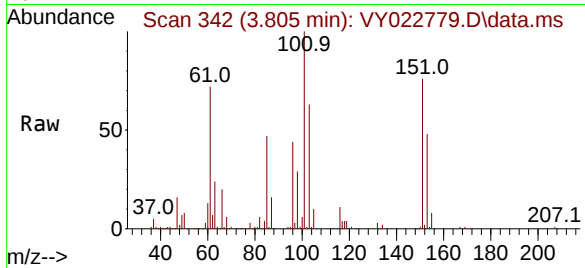




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.930 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

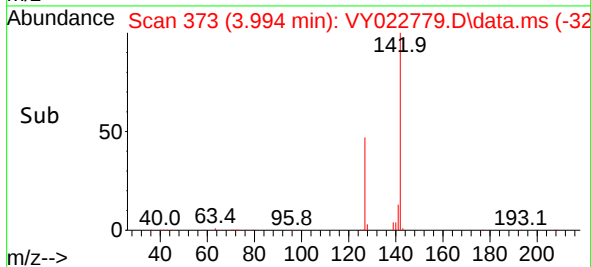
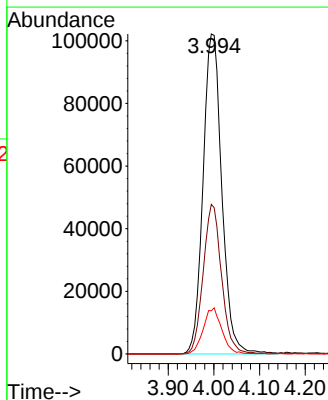
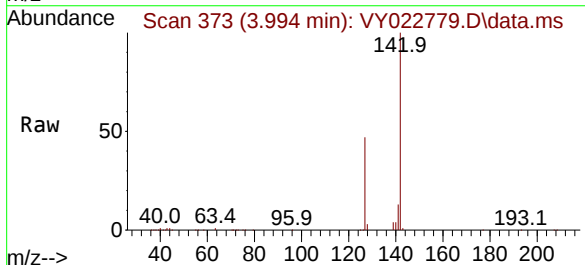
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 240341
Ion Ratio Lower Upper
101 100
85 46.6 37.3 55.9
151 75.3 60.2 90.4



#10
Methyl Iodide
Concen: 55.737 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion:142 Resp: 292108
Ion Ratio Lower Upper
142 100
127 45.6 36.5 54.7
141 14.3 11.4 17.2

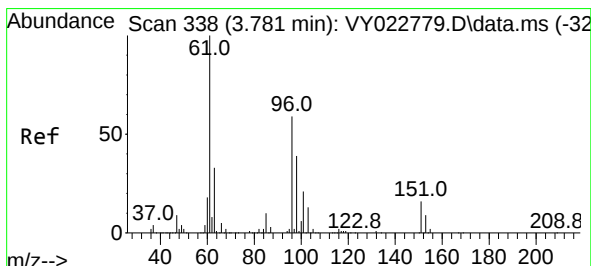
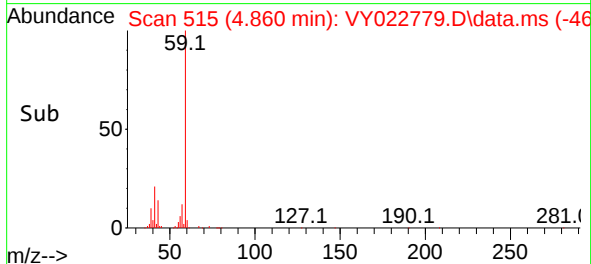
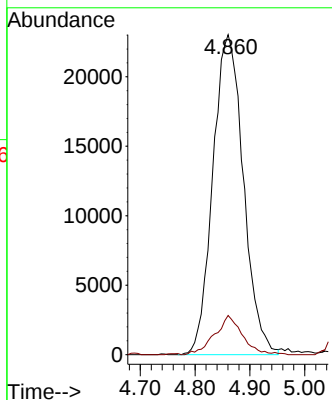
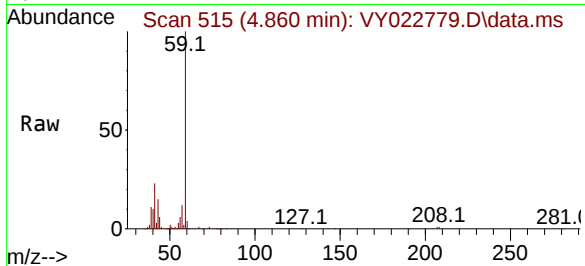




#11
Tert butyl alcohol
Concen: 257.234 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

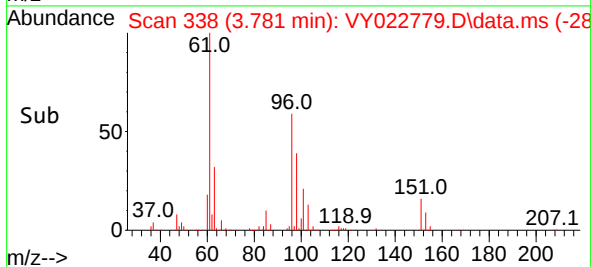
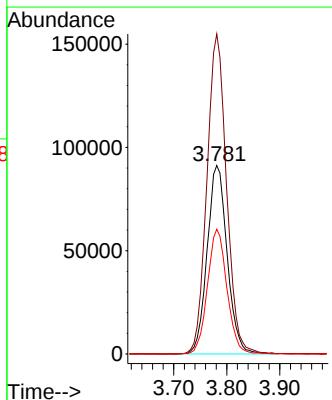
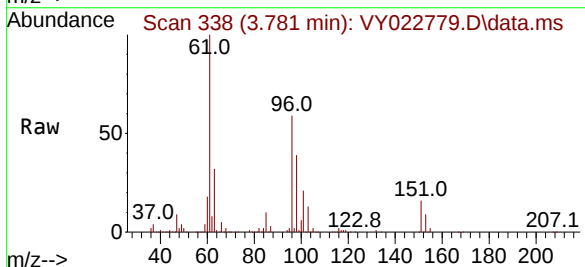
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 89018
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2



#12
1,1-Dichloroethene
Concen: 50.810 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 96 Resp: 239818
Ion Ratio Lower Upper
96 100
61 169.7 135.8 203.6
98 66.2 53.0 79.4

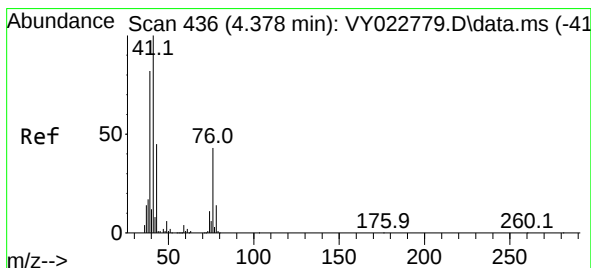
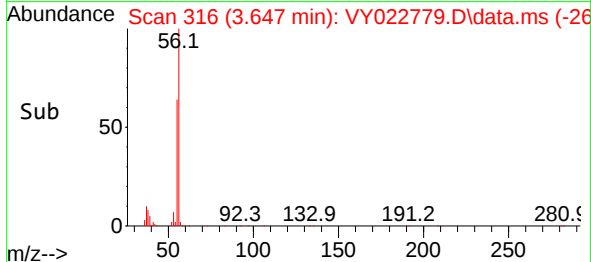
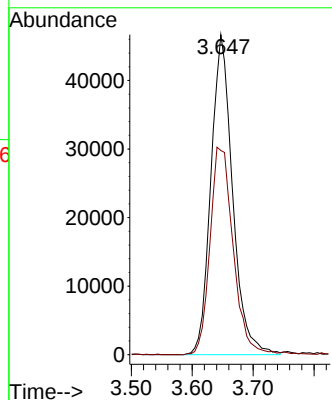
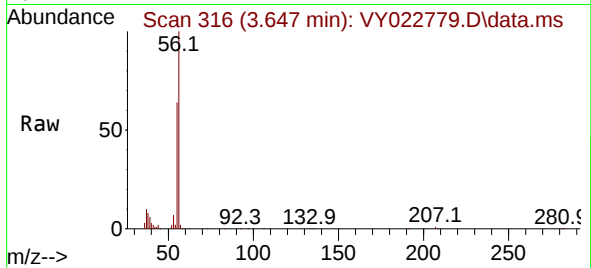




#13
Acrolein
Concen: 245.735 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

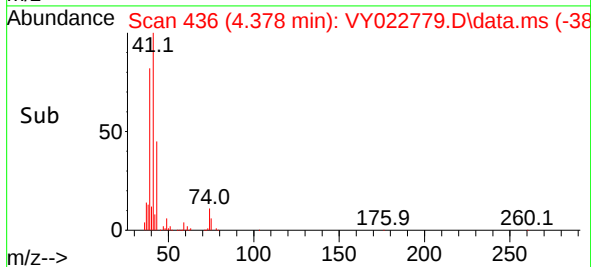
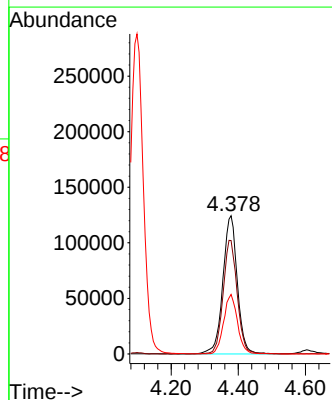
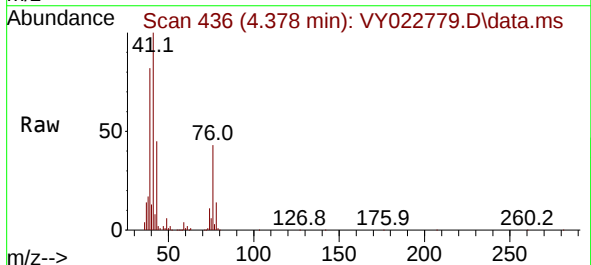
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

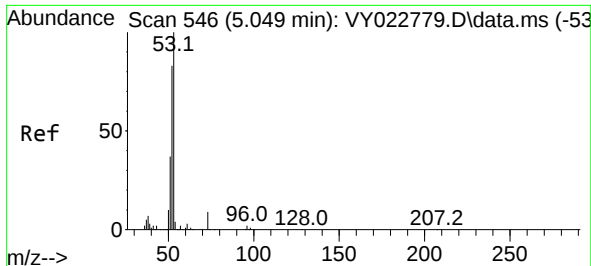
Tgt Ion: 56 Resp: 115313
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.2



#14
Allyl chloride
Concen: 51.200 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 41 Resp: 371698
Ion Ratio Lower Upper
41 100
39 79.9 63.9 95.9
76 41.2 33.0 49.4

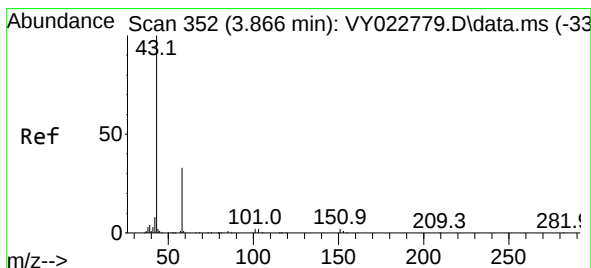
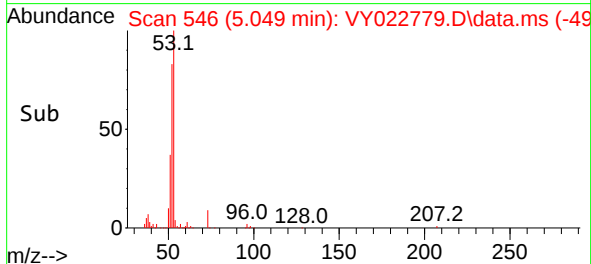
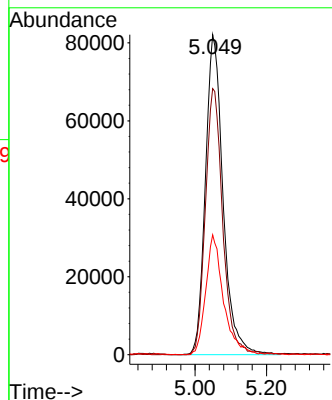
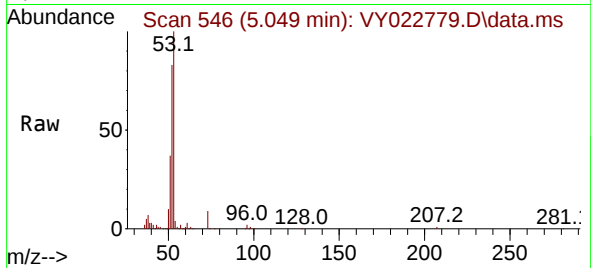




#15
Acrylonitrile
Concen: 259.229 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

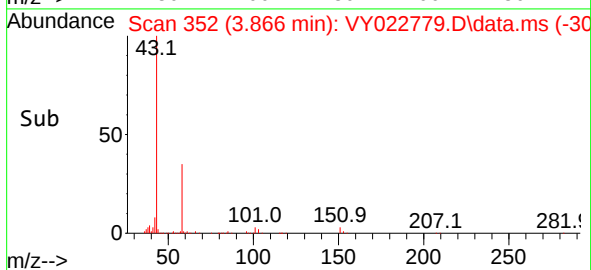
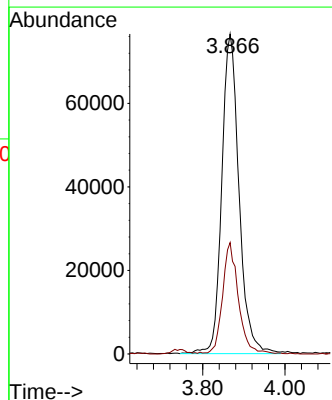
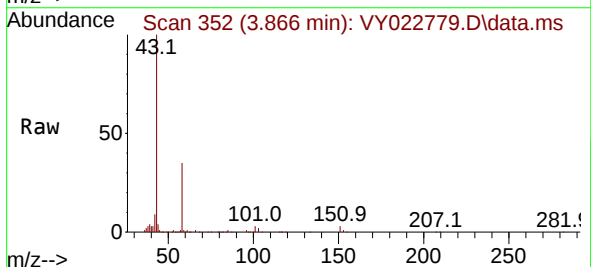
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

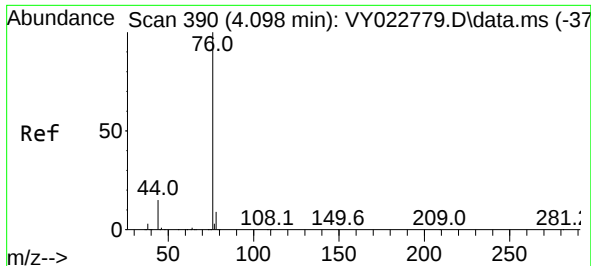
Tgt Ion: 53 Resp: 281372
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 37.6 30.1 45.1



#16
Acetone
Concen: 226.091 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 43 Resp: 222401
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5

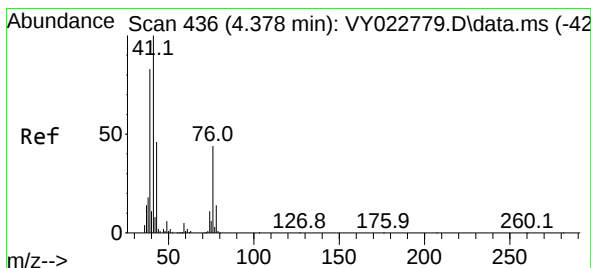
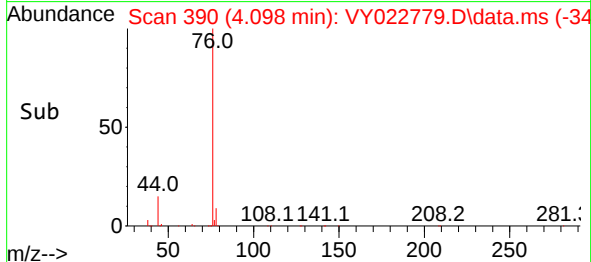
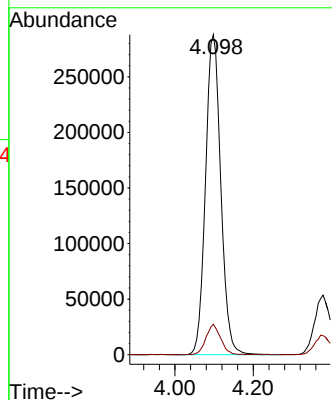
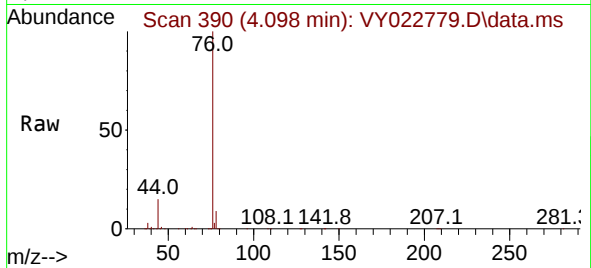




#17
Carbon Disulfide
Concen: 50.988 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

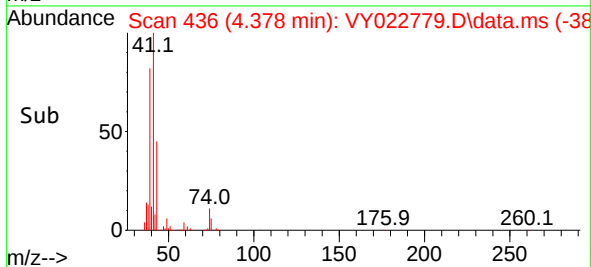
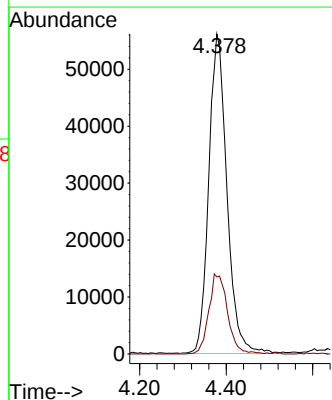
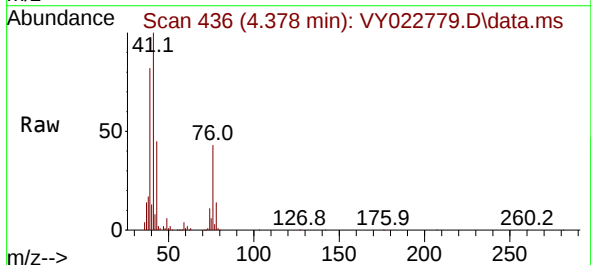
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 777454
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 50.217 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 43 Resp: 163588
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 52.080 ug/l

RT: 5.110 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

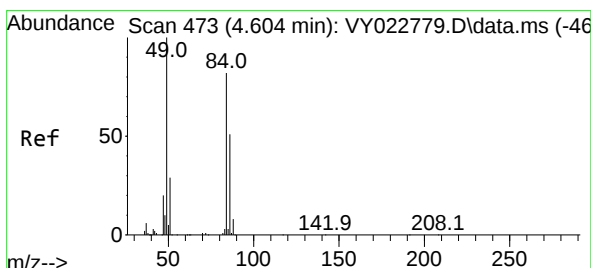
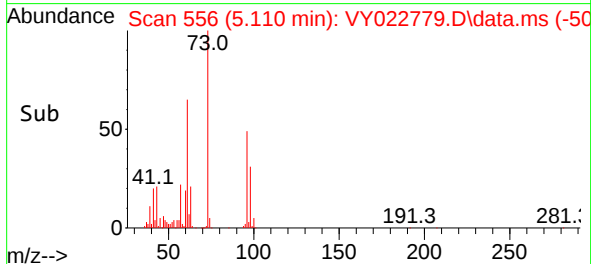
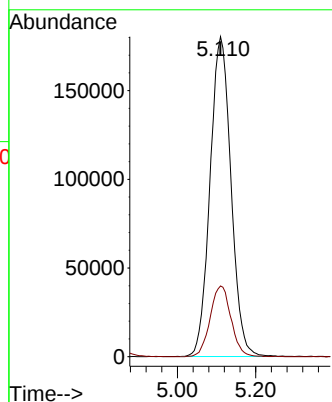
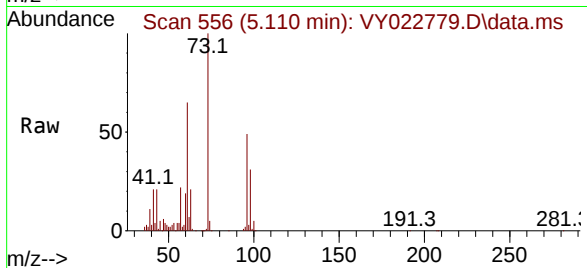
VSTDICCC050

Tgt Ion: 73 Resp: 669314

Ion Ratio Lower Upper

73 100

57 22.1 17.7 26.5



#20

Methylene Chloride

Concen: 44.313 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Tgt Ion: 84 Resp: 275283

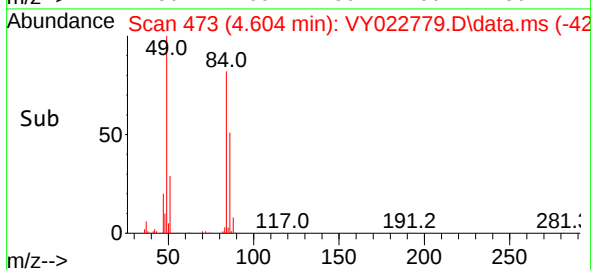
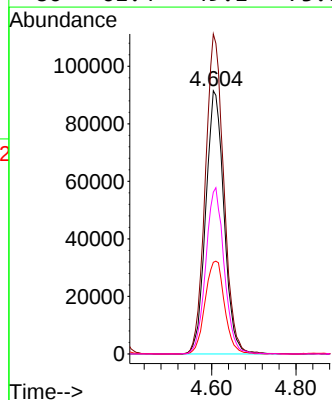
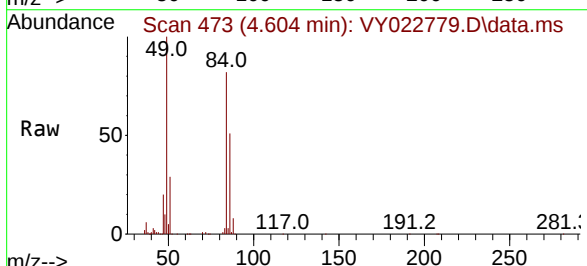
Ion Ratio Lower Upper

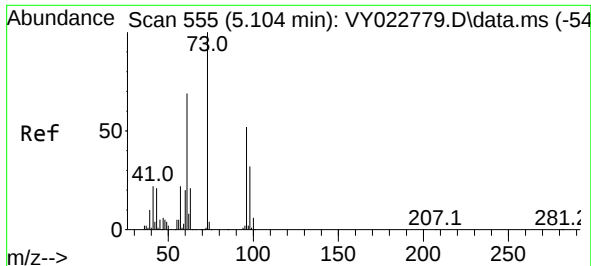
84 100

49 121.5 97.2 145.8

51 34.8 27.8 41.8

86 61.4 49.1 73.7

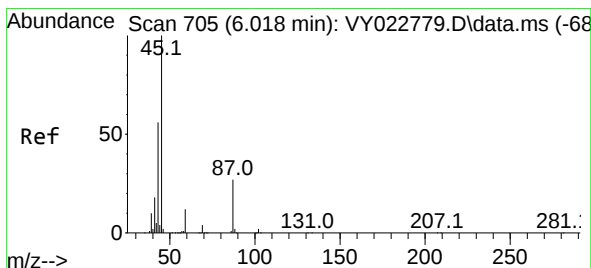
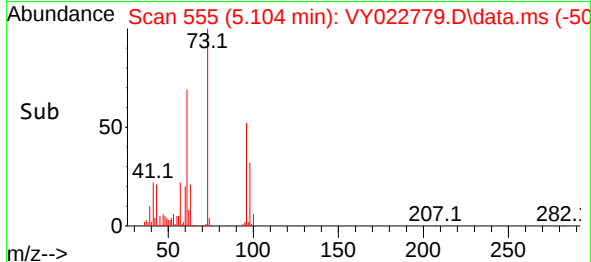
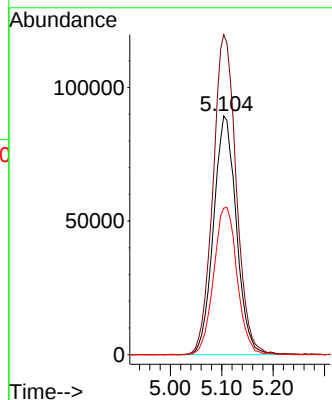
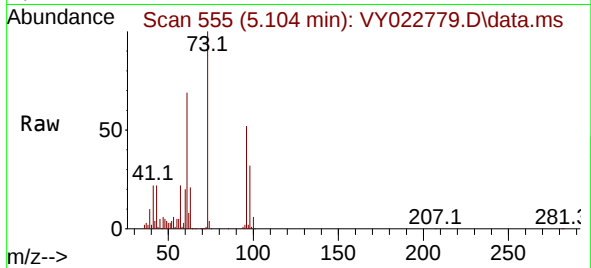




#21
trans-1,2-Dichloroethene
Concen: 51.184 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

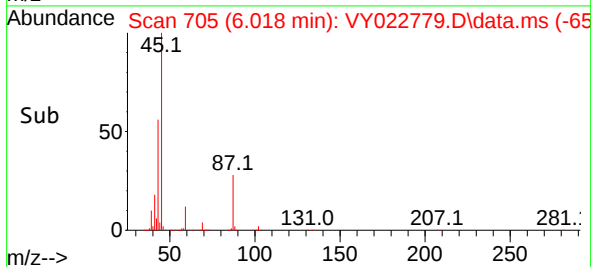
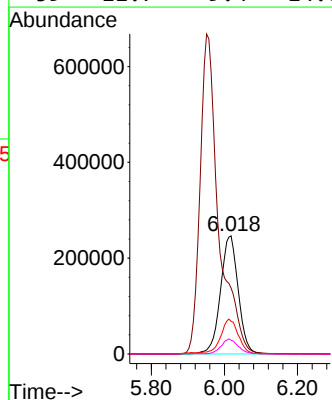
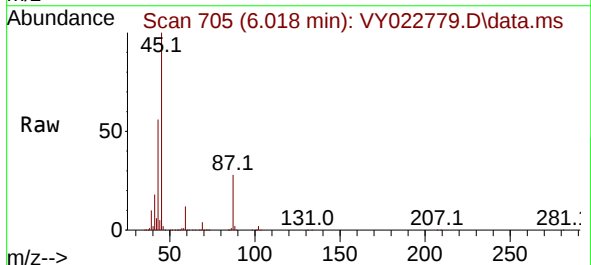
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

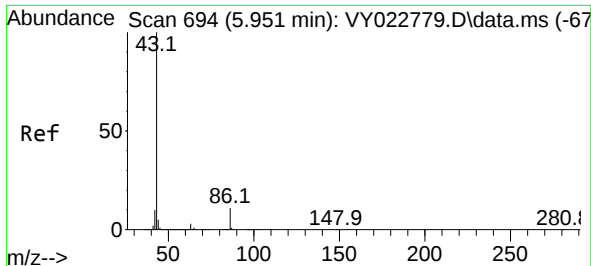
Tgt Ion: 96 Resp: 276104
Ion Ratio Lower Upper
96 100
61 134.0 107.2 160.8
98 61.4 49.1 73.7



#22
Diisopropyl ether
Concen: 51.744 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 45 Resp: 834245
Ion Ratio Lower Upper
45 100
43 55.7 44.6 66.8
87 27.7 22.2 33.2
59 11.7 9.4 14.0

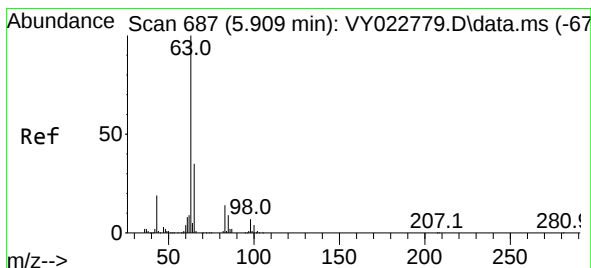
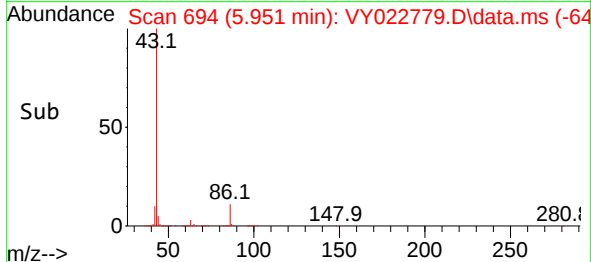
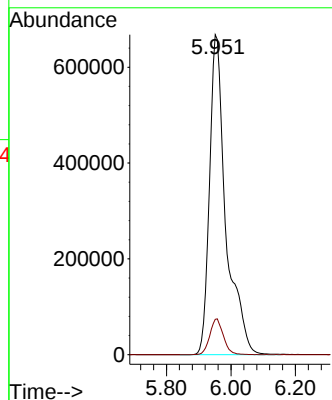
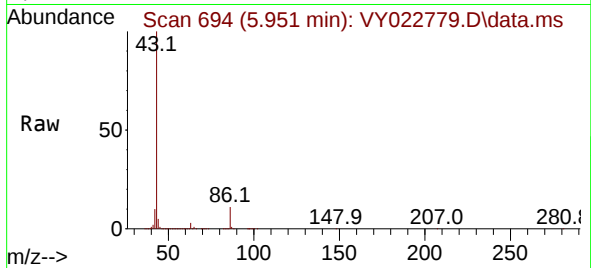




#23
 Vinyl Acetate
 Concen: 264.392 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

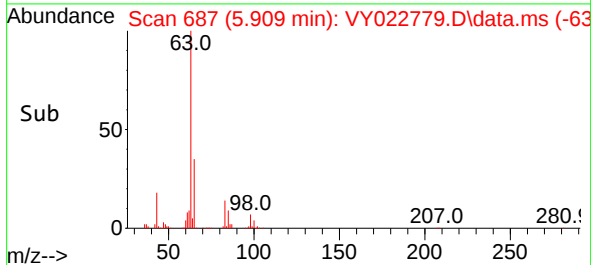
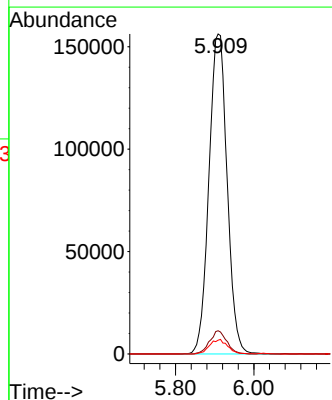
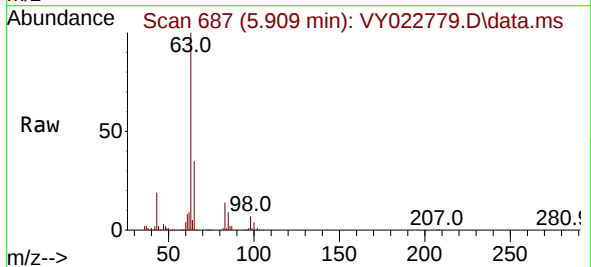
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

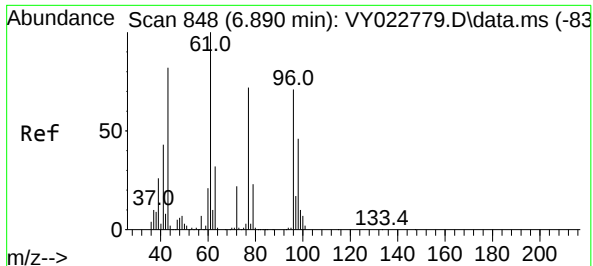
Tgt Ion: 43 Resp: 2354219
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 51.577 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

Tgt Ion: 63 Resp: 502277
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.3 2.1 6.5

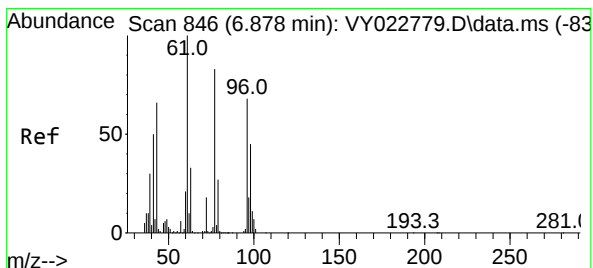
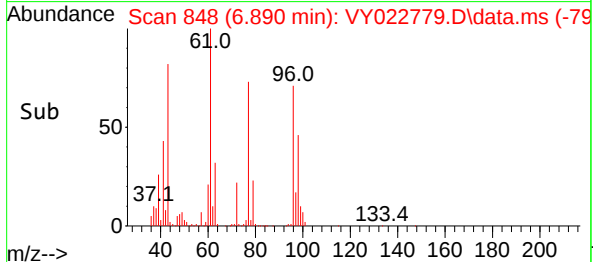
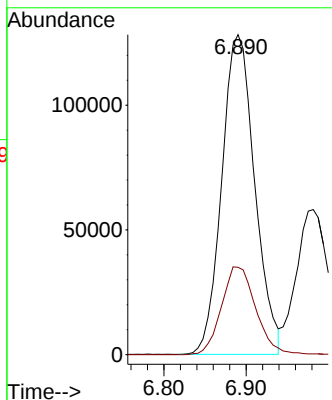
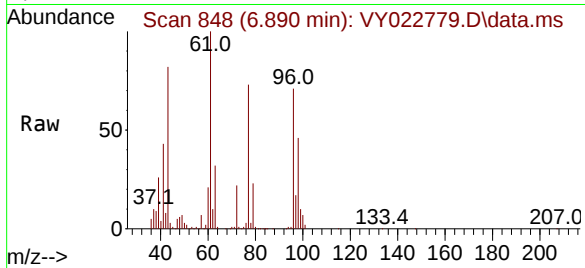




#25
2-Butanone
Concen: 249.517 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

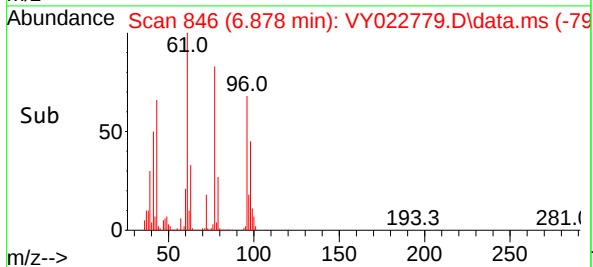
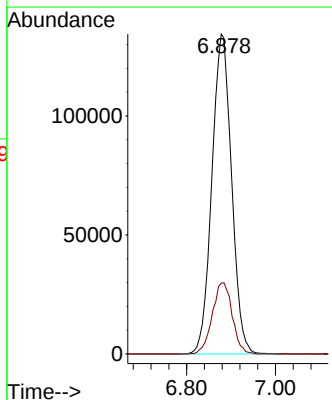
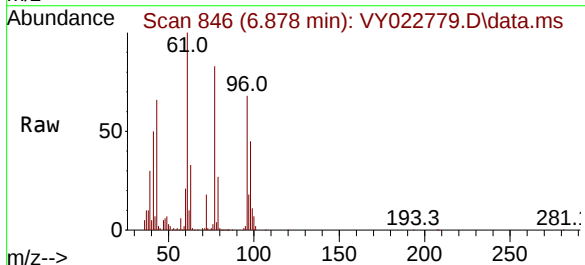
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 357225
Ion Ratio Lower Upper
43 100
72 27.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 50.494 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 77 Resp: 412194
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.9

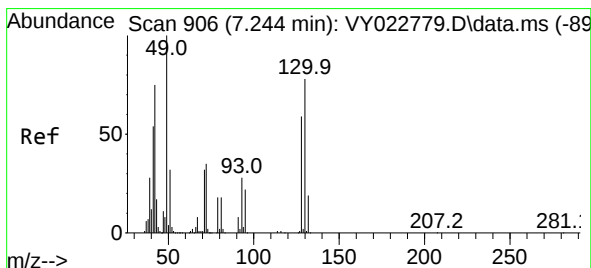
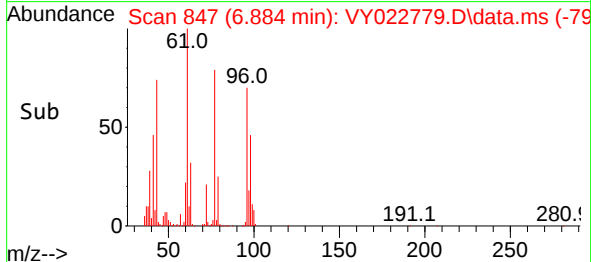
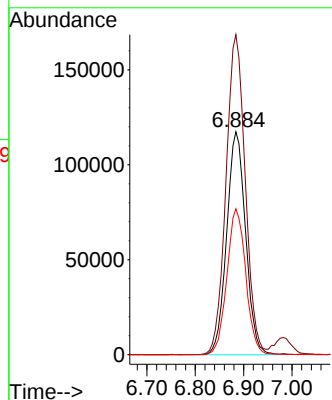
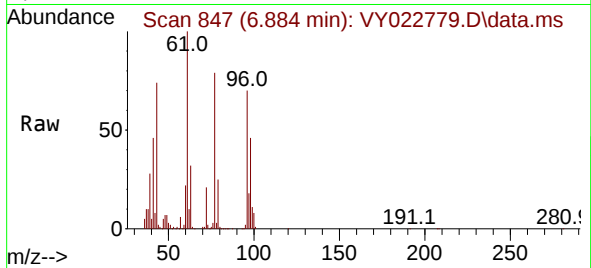




#27
 cis-1,2-Dichloroethene
 Concen: 50.988 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

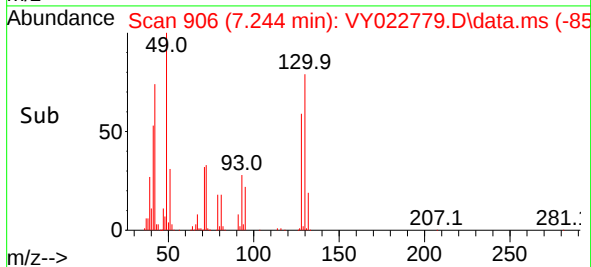
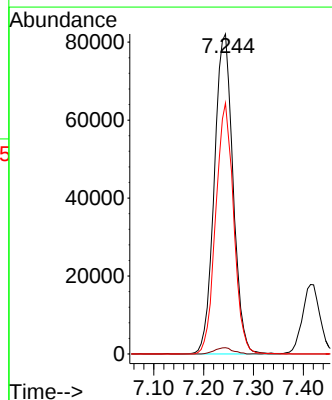
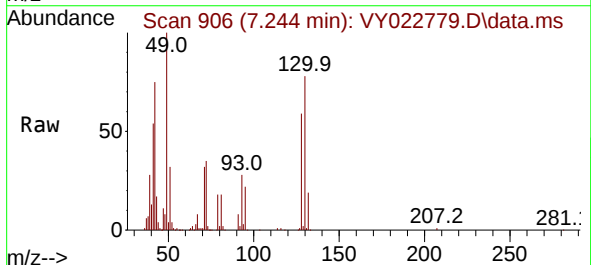
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

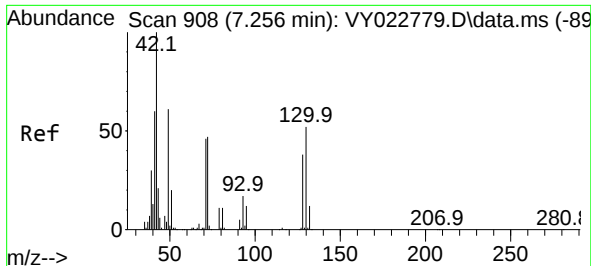
Tgt Ion: 96 Resp: 319602
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 291.6
 98 65.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 52.294 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

Tgt Ion: 49 Resp: 214101
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 74.9 59.9 89.9





#29

Tetrahydrofuran

Concen: 262.648 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

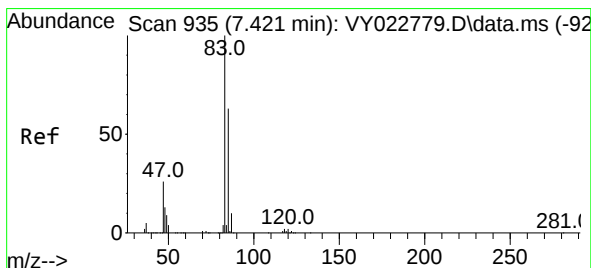
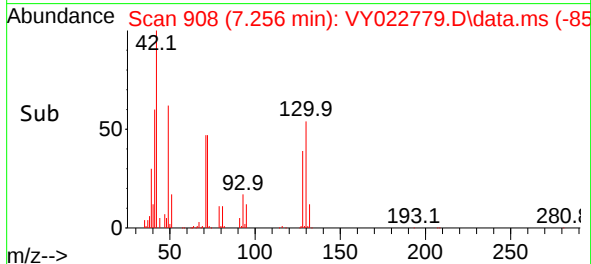
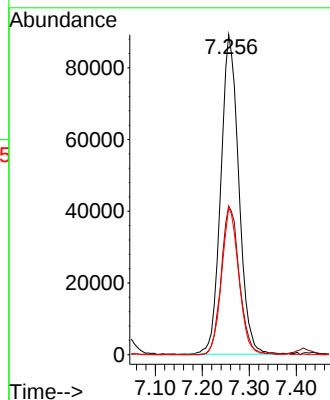
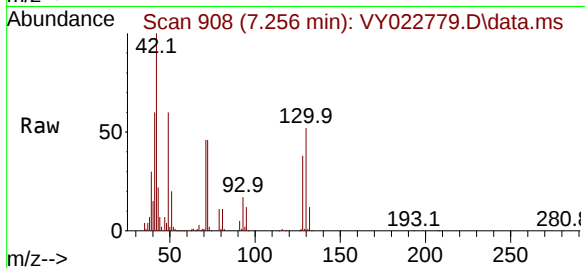
Tgt Ion: 42 Resp: 237439

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.2

71 44.3 35.4 53.2



#30

Chloroform

Concen: 50.947 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022779.D

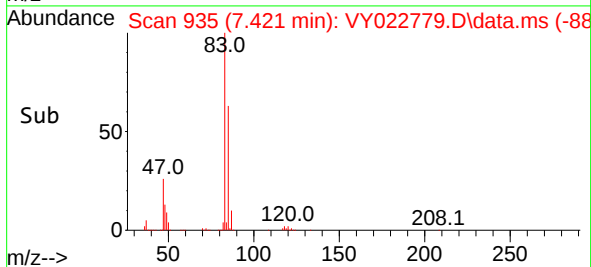
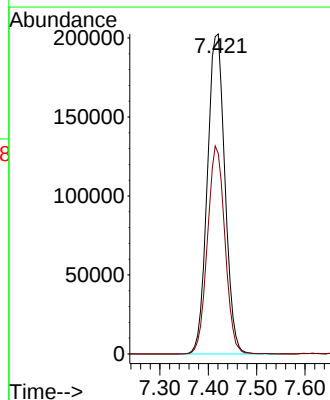
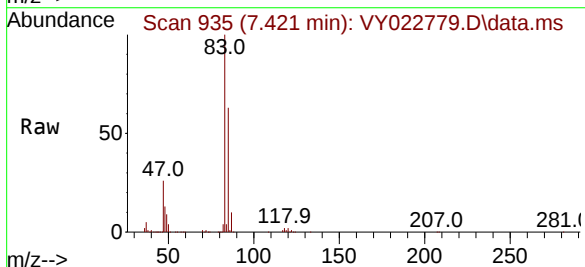
Acq: 23 Jun 2025 14:46

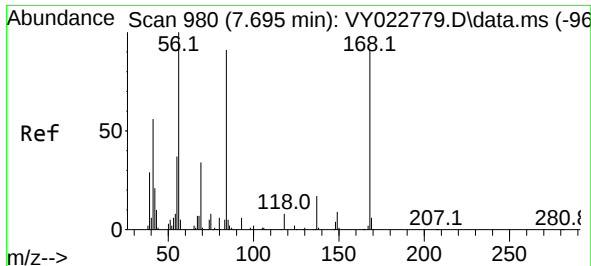
Tgt Ion: 83 Resp: 511015

Ion Ratio Lower Upper

83 100

85 62.6 50.1 75.1

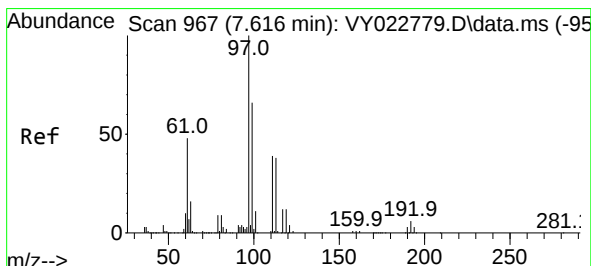
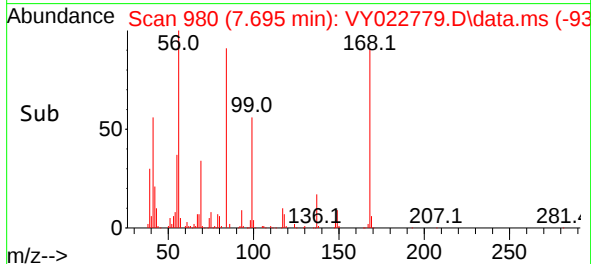
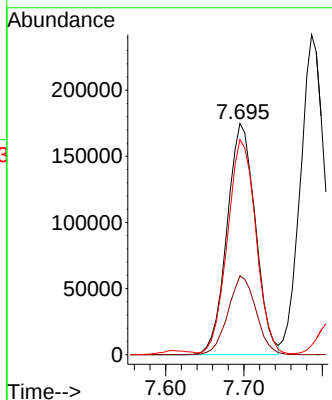
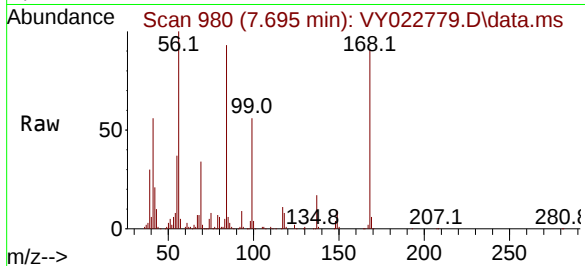




#31
Cyclohexane
Concen: 49.341 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

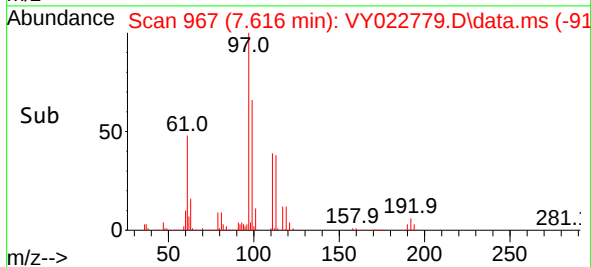
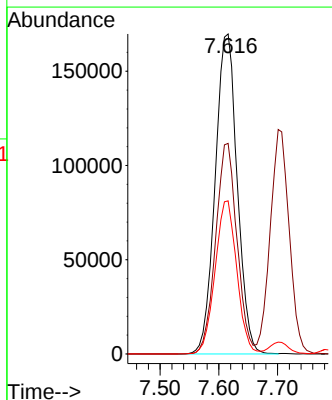
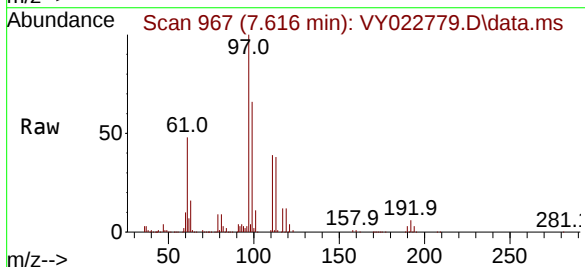
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

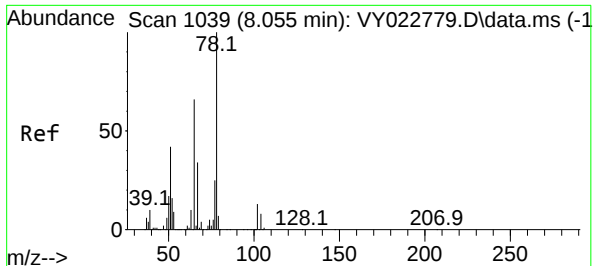
Tgt Ion: 56 Resp: 441072
Ion Ratio Lower Upper
56 100
69 34.2 27.4 41.0
84 91.4 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 51.101 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 97 Resp: 442929
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 47.1 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 50.044 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

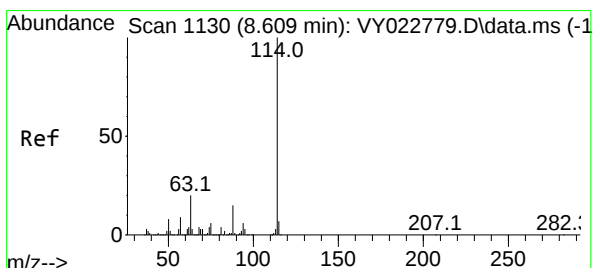
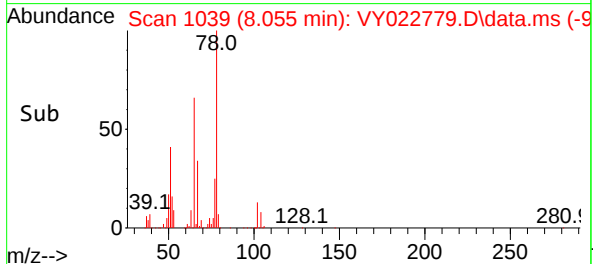
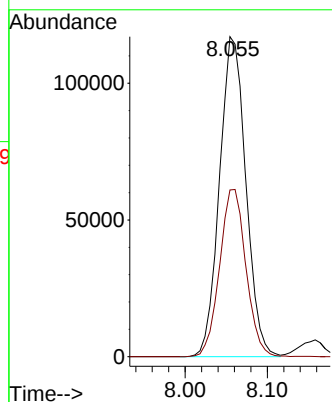
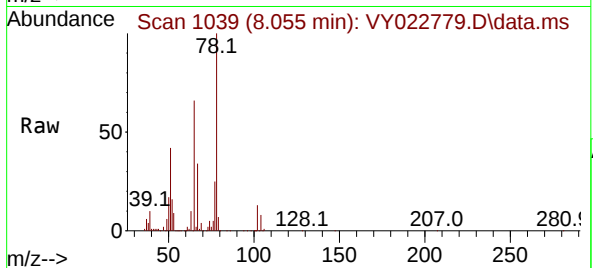
VSTDICCC050

Tgt Ion: 65 Resp: 260449

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

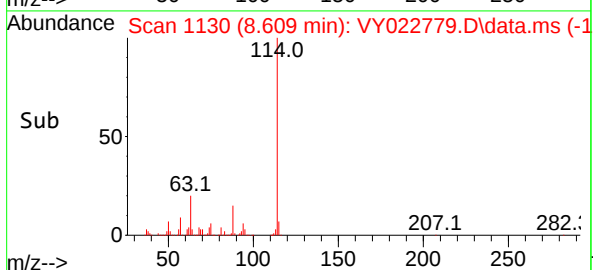
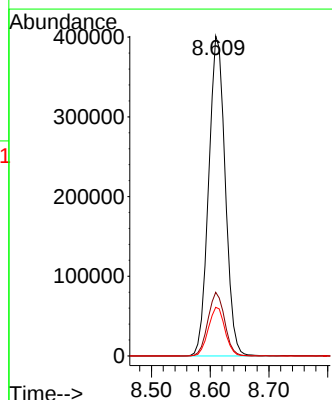
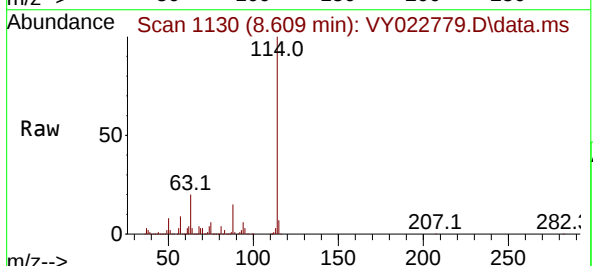
Tgt Ion: 114 Resp: 785509

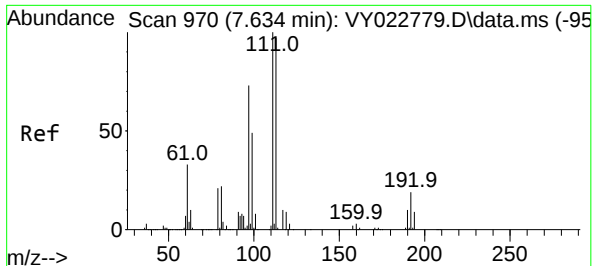
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.2 0.0 30.4

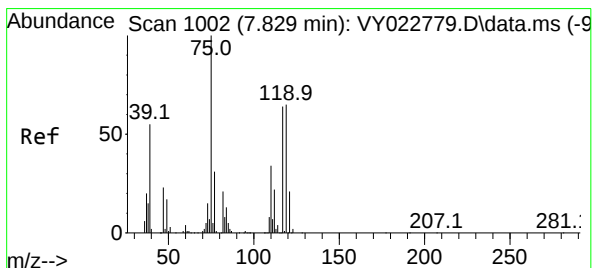
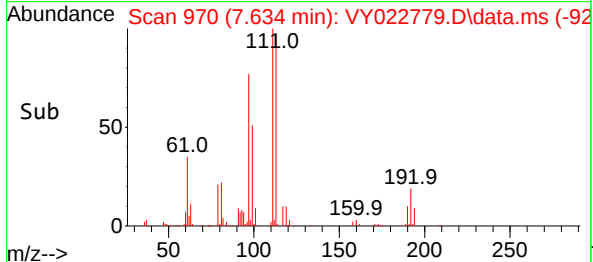
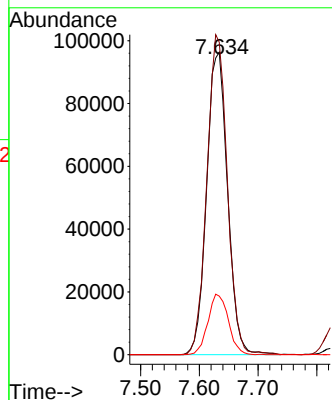
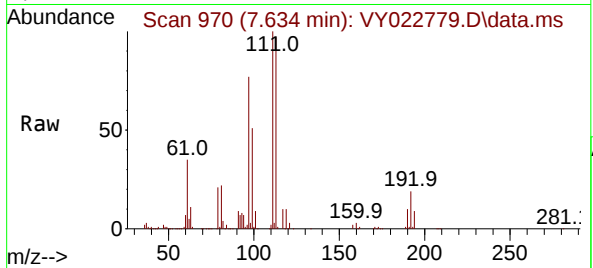




#35
Dibromofluoromethane
Concen: 49.947 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

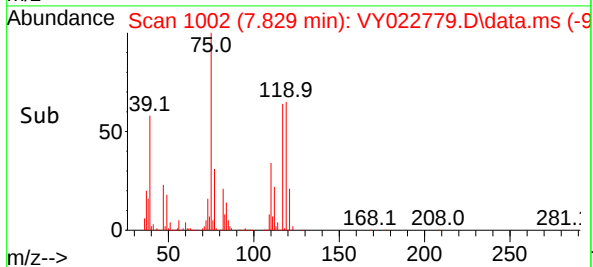
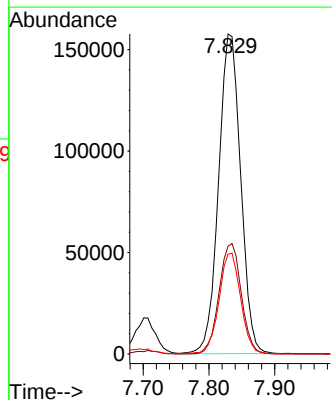
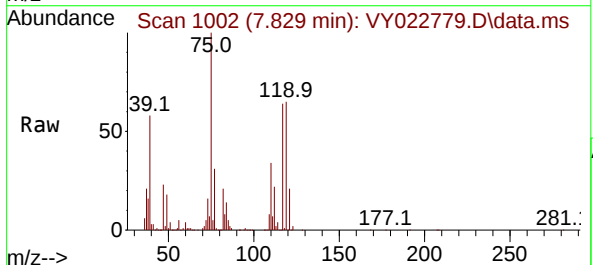
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

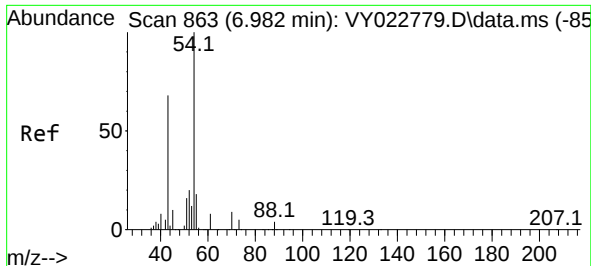
Tgt Ion:113 Resp: 238601
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 50.850 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 75 Resp: 368198
Ion Ratio Lower Upper
75 100
110 34.7 17.3 52.0
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 51.717 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

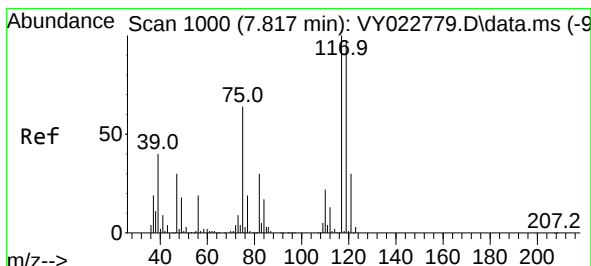
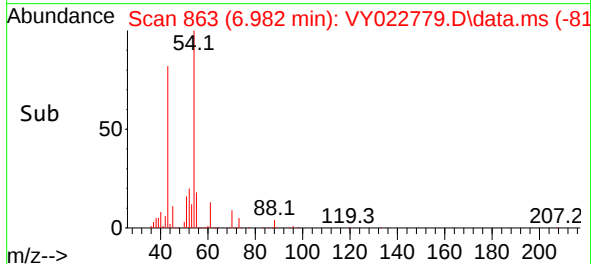
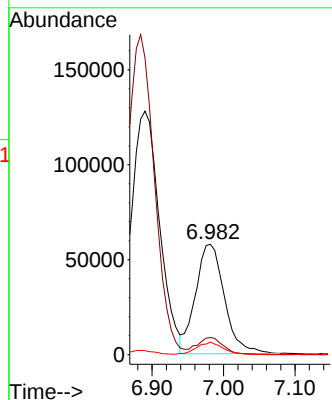
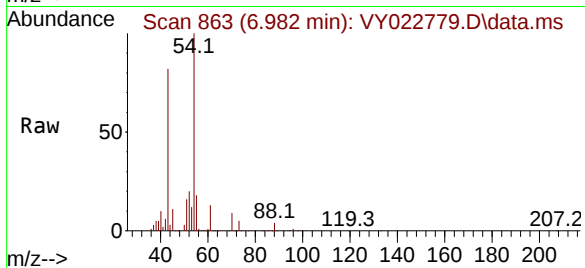
Tgt Ion: 43 Resp: 161593

Ion Ratio Lower Upper

43 100

61 14.6 11.7 17.5

70 10.6 8.5 12.7



#38

Carbon Tetrachloride

Concen: 50.447 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

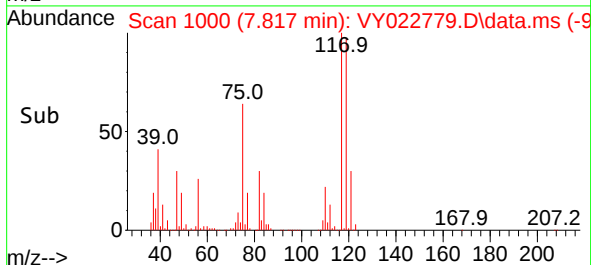
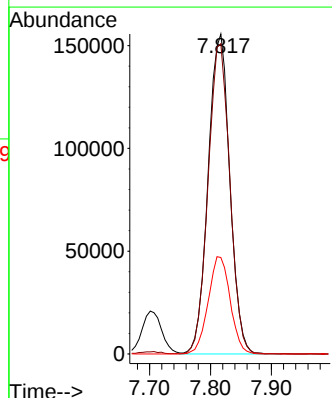
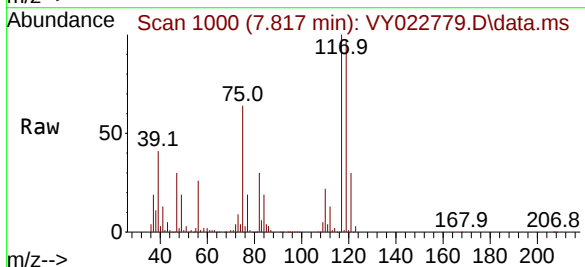
Tgt Ion: 117 Resp: 385426

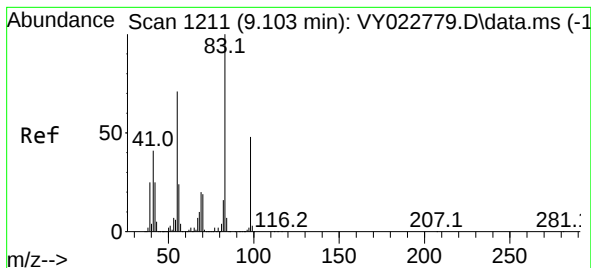
Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3

121 30.1 24.1 36.1





#39

Methylcyclohexane

Concen: 51.778 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

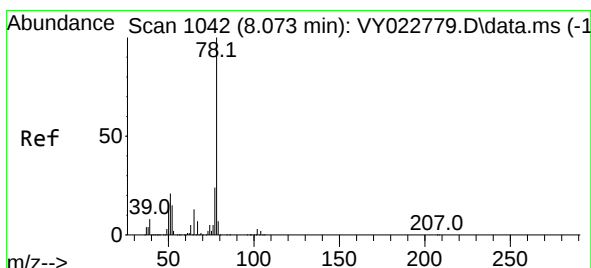
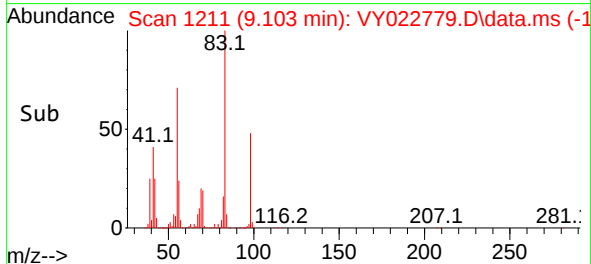
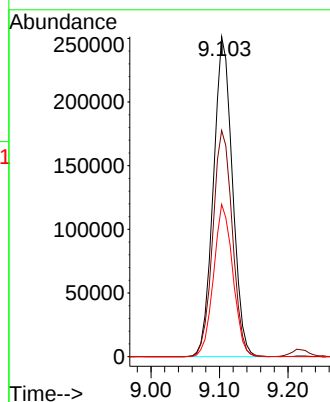
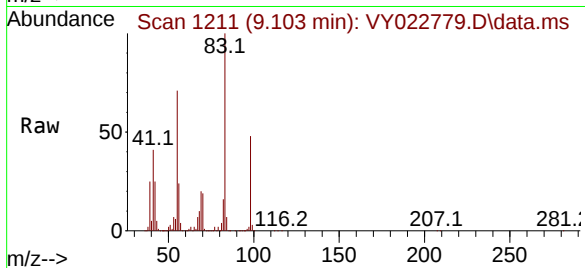
Tgt Ion: 83 Resp: 485179

Ion Ratio Lower Upper

83 100

55 70.7 56.6 84.8

98 47.6 38.1 57.1



#40

Benzene

Concen: 51.666 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY022779.D

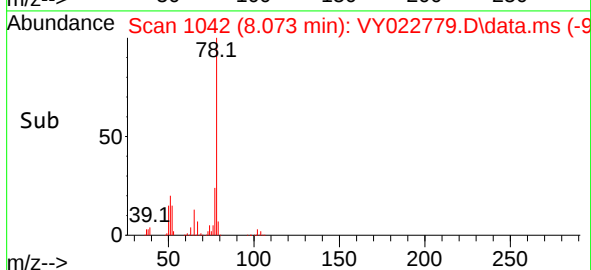
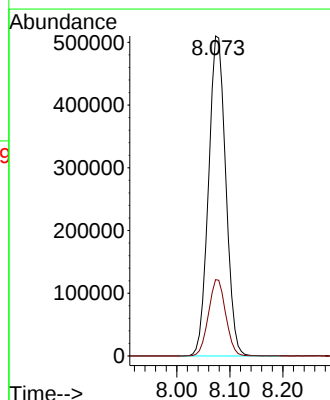
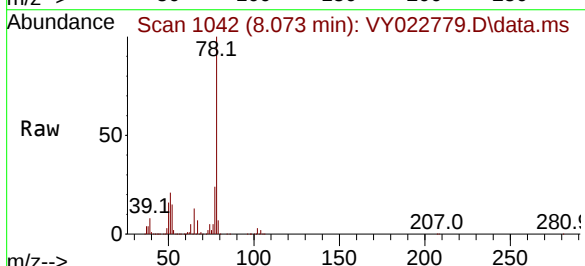
Acq: 23 Jun 2025 14:46

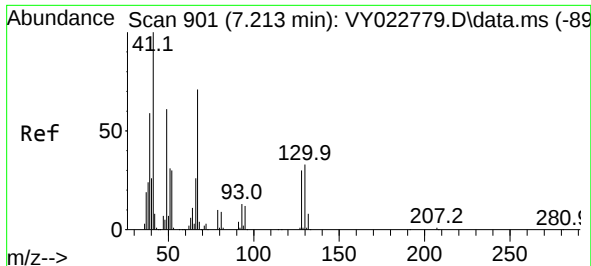
Tgt Ion: 78 Resp: 1150210

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

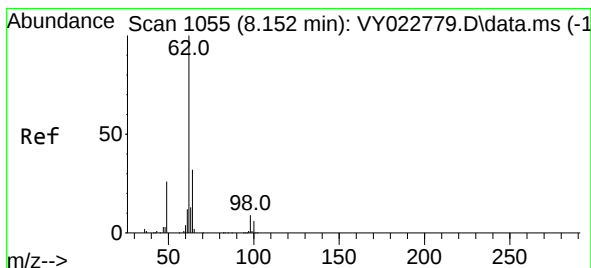
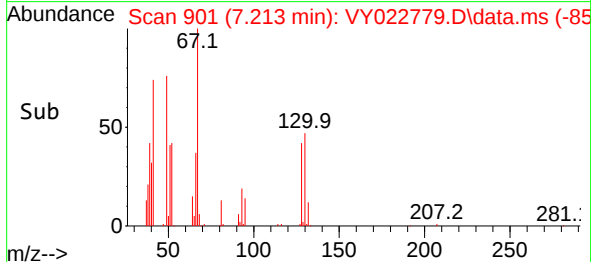
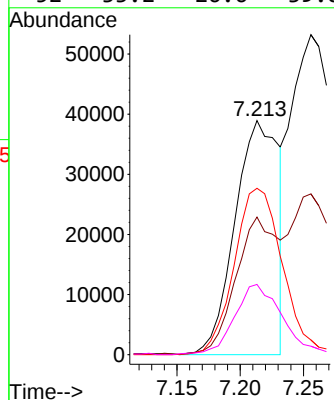
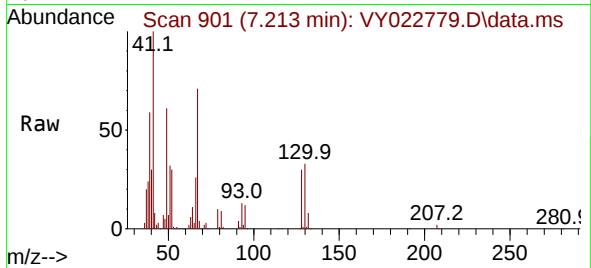




#41
Methacrylonitrile
Concen: 47.652 ug/l
RT: 7.213 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

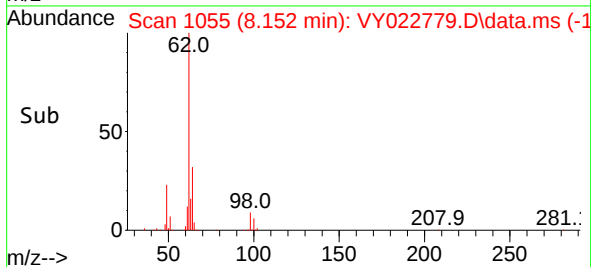
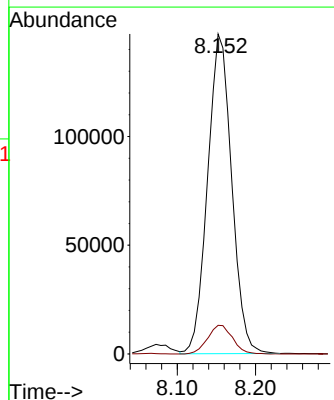
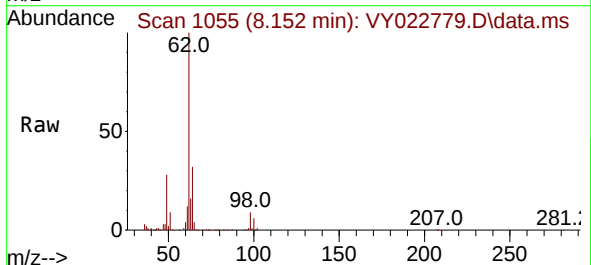
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

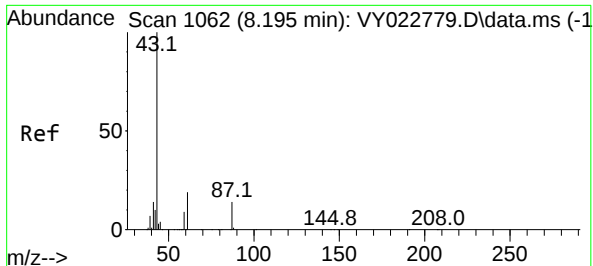
Tgt Ion: 41 Resp: 93931
Ion Ratio Lower Upper
41 100
39 55.9 44.7 67.1
67 78.9 63.1 94.7
52 33.2 26.6 39.8



#42
1,2-Dichloroethane
Concen: 51.482 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 62 Resp: 314067
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6





#43

Isopropyl Acetate

Concen: 52.731 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

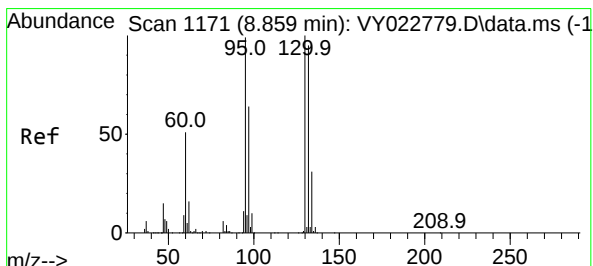
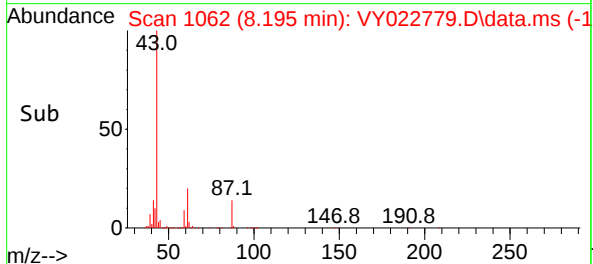
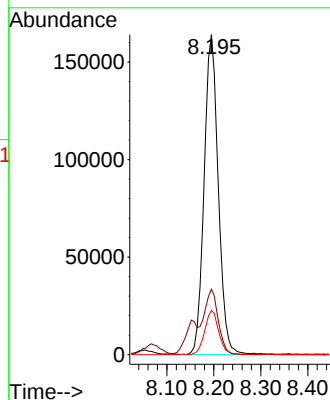
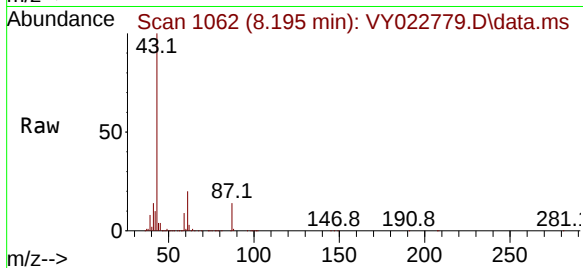
Tgt Ion: 43 Resp: 342439

Ion Ratio Lower Upper

43 100

61 20.9 16.7 25.1

87 13.7 11.0 16.4



#44

Trichloroethene

Concen: 52.319 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VY022779.D

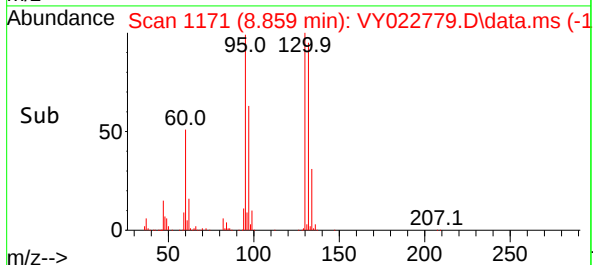
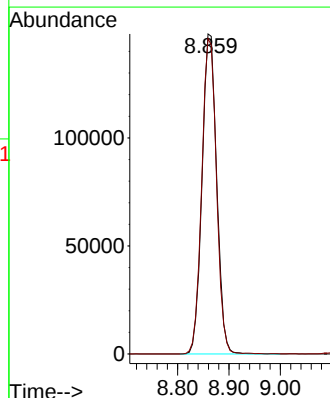
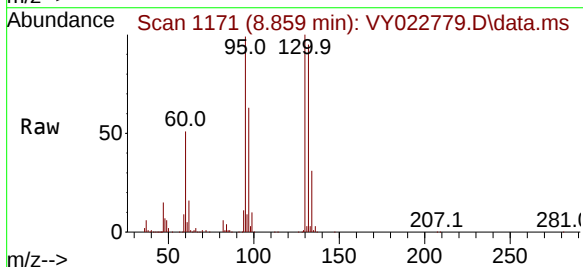
Acq: 23 Jun 2025 14:46

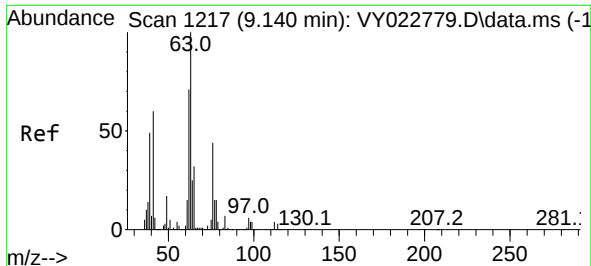
Tgt Ion:130 Resp: 292433

Ion Ratio Lower Upper

130 100

95 98.6 0.0 197.2





#45

1,2-Dichloropropane

Concen: 51.100 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

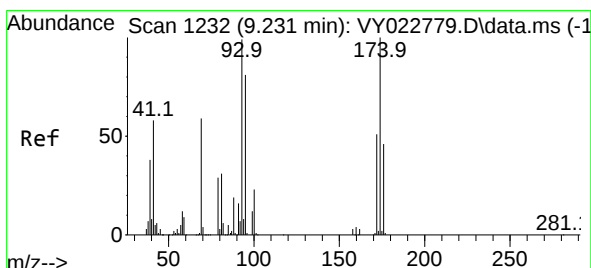
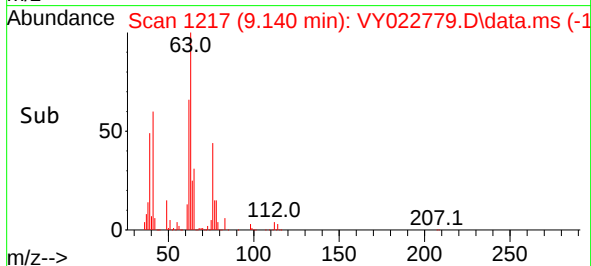
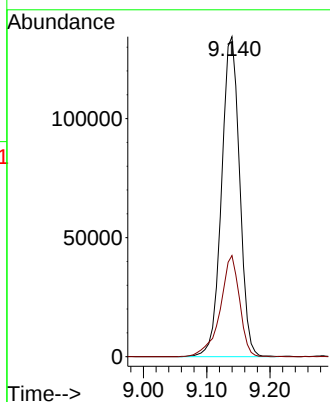
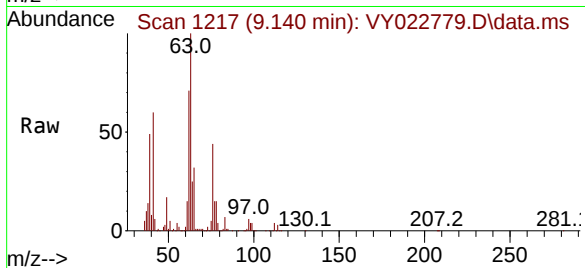
VSTDICCC050

Tgt Ion: 63 Resp: 266251

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 50.856 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

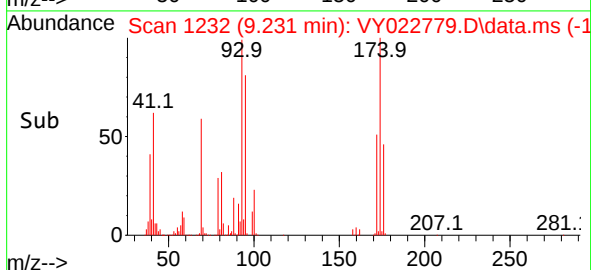
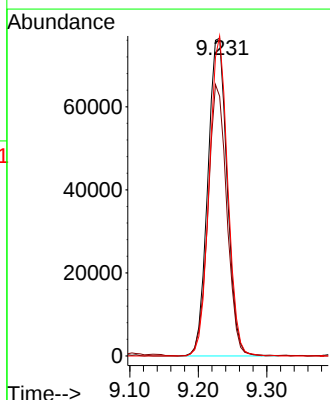
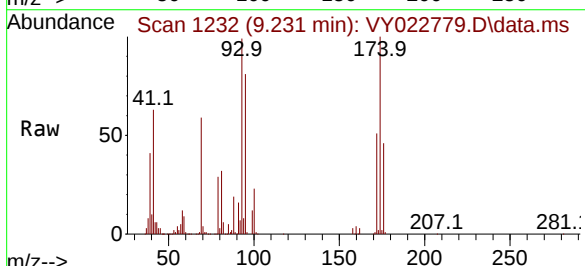
Tgt Ion: 93 Resp: 150422

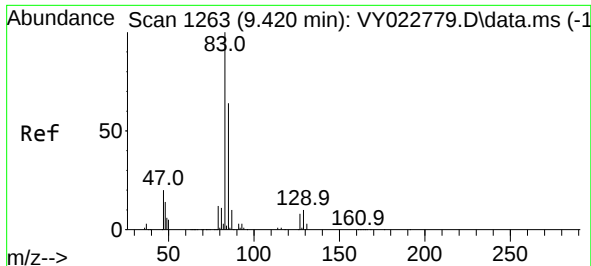
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 95.9 76.7 115.1

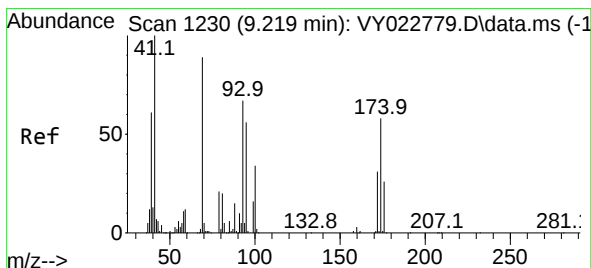
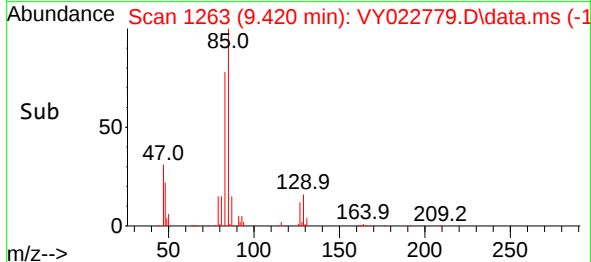
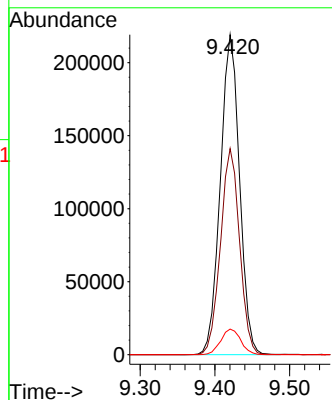
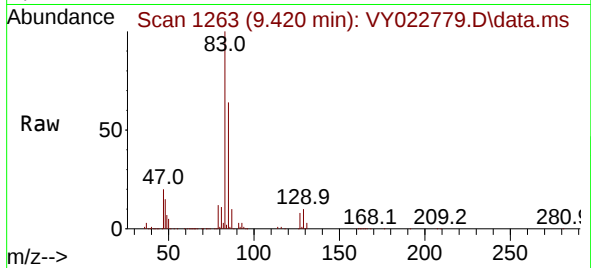




#47
Bromodichloromethane
Concen: 51.335 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

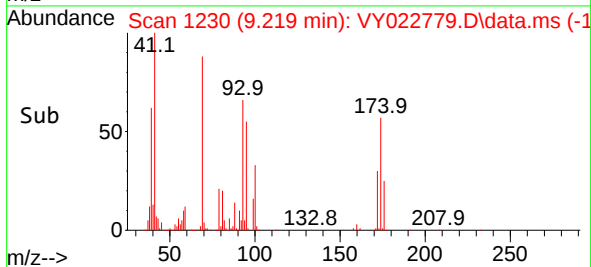
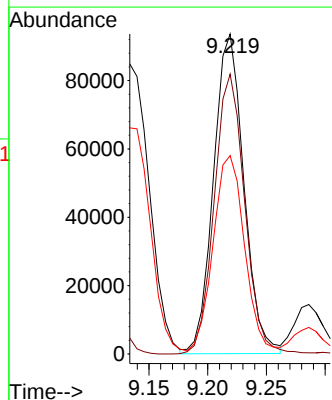
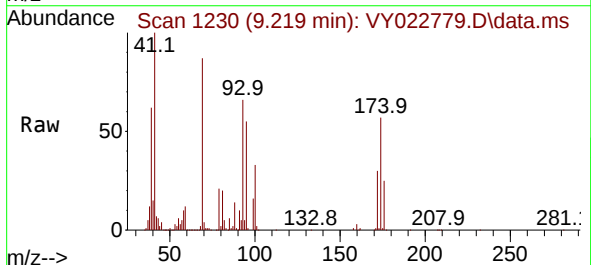
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

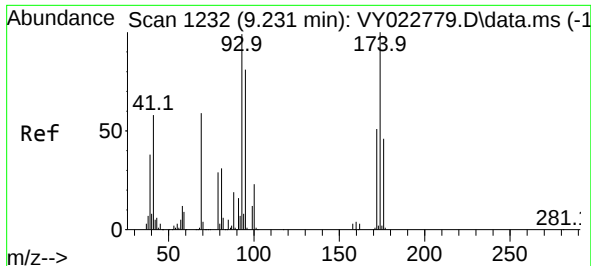
Tgt Ion: 83 Resp: 391542
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 53.890 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 41 Resp: 168241
Ion Ratio Lower Upper
41 100
69 88.2 70.6 105.8
39 62.8 50.2 75.4





#49

1,4-Dioxane

Concen: 1037.426 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

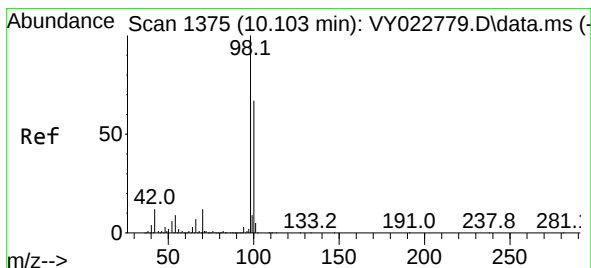
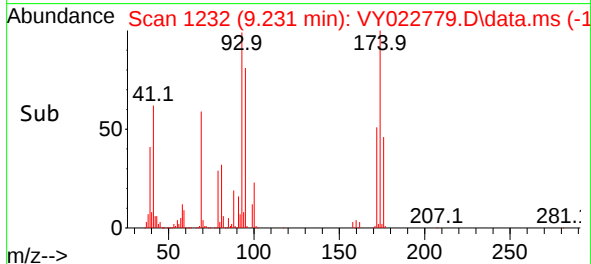
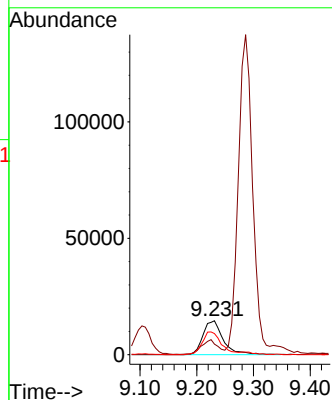
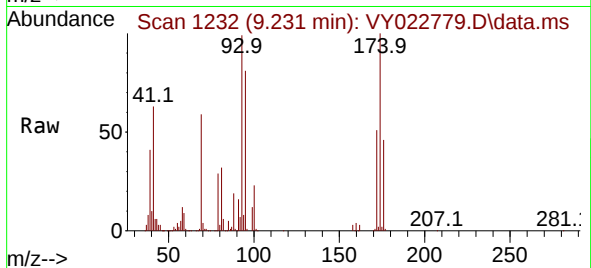
Tgt Ion: 88 Resp: 36253

Ion Ratio Lower Upper

88 100

43 34.5 27.6 41.4

58 63.2 50.6 75.8



#50

Toluene-d8

Concen: 50.336 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022779.D

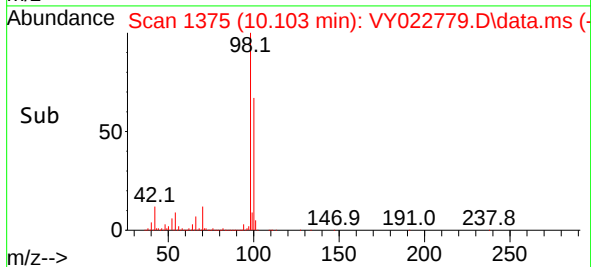
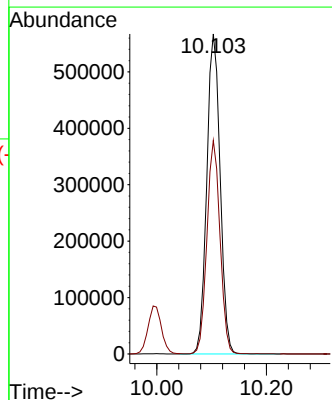
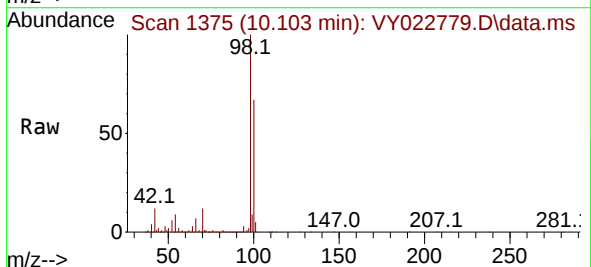
Acq: 23 Jun 2025 14:46

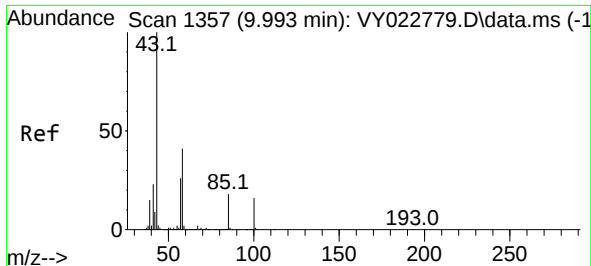
Tgt Ion: 98 Resp: 954176

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 268.494 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

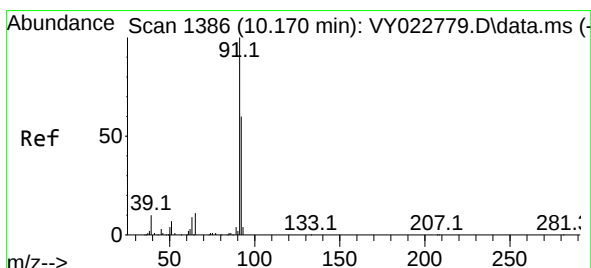
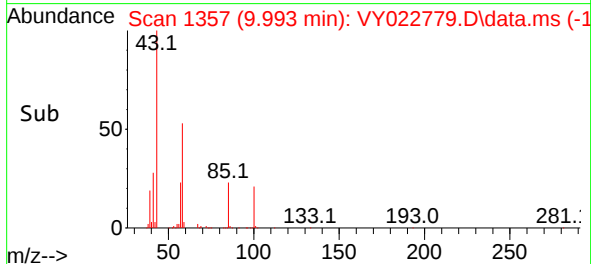
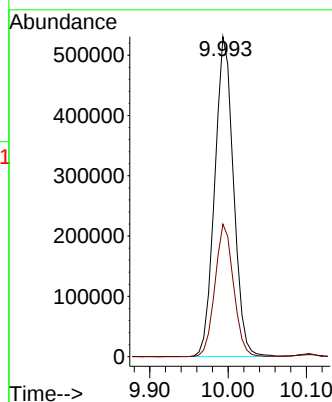
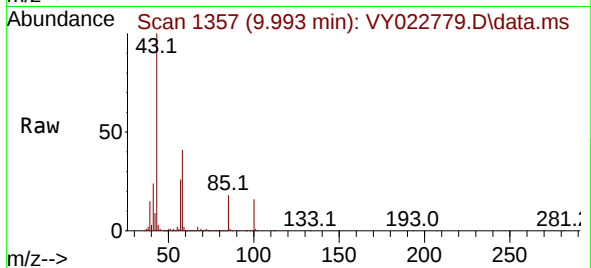
VSTDICCC050

Tgt Ion: 43 Resp: 886055

Ion Ratio Lower Upper

43 100

58 41.1 32.9 49.3



#52

Toluene

Concen: 51.795 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022779.D

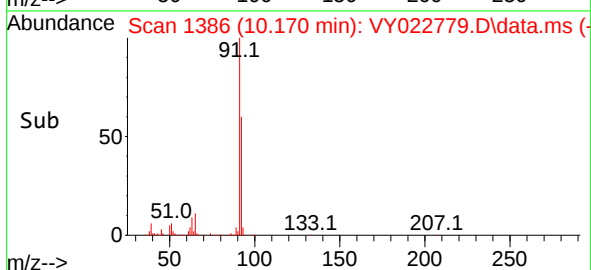
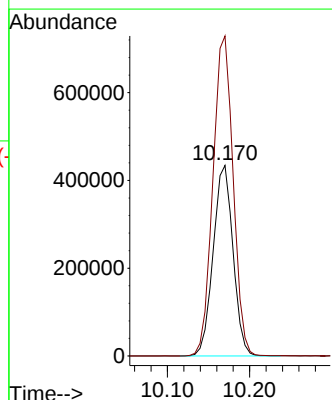
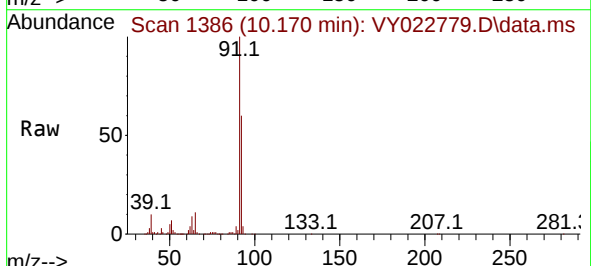
Acq: 23 Jun 2025 14:46

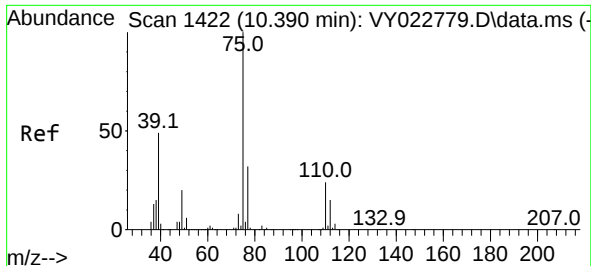
Tgt Ion: 92 Resp: 727451

Ion Ratio Lower Upper

92 100

91 171.5 137.2 205.8

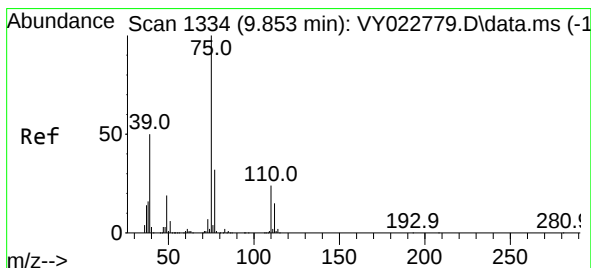
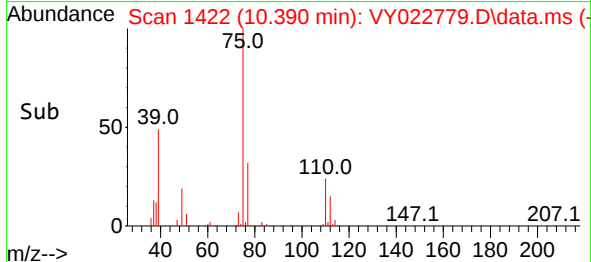
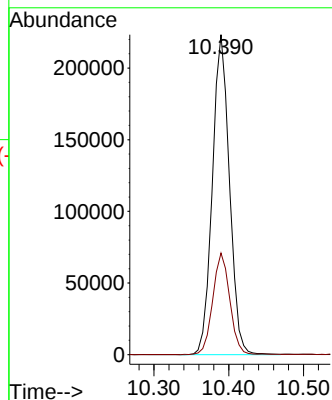
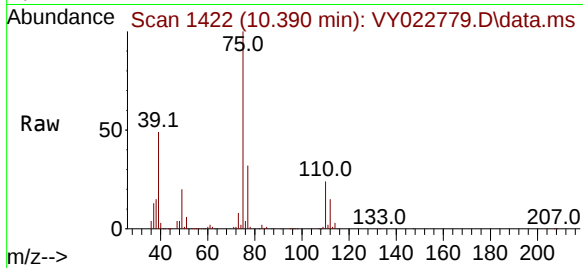




#53
 t-1,3-Dichloropropene
 Concen: 51.655 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

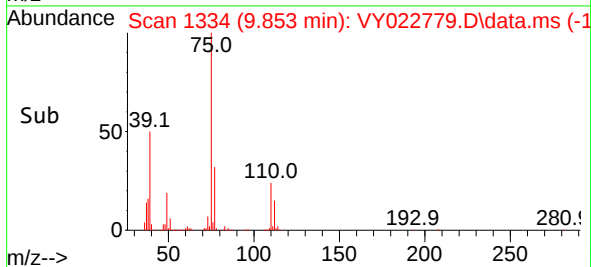
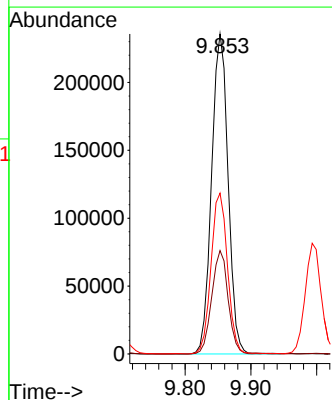
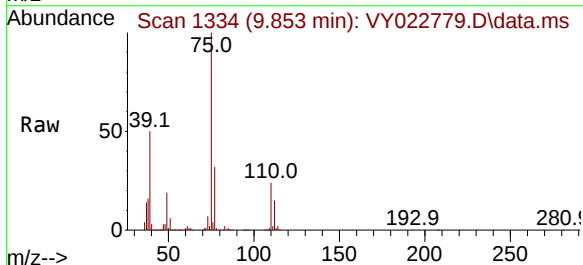
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

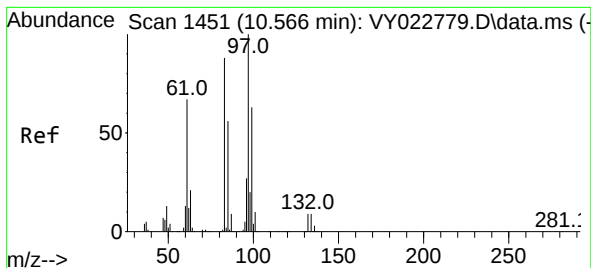
Tgt Ion: 75 Resp: 354481
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.696 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

Tgt Ion: 75 Resp: 411345
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 50.2 40.2 60.2





#55

1,1,2-Trichloroethane

Concen: 51.805 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 198415

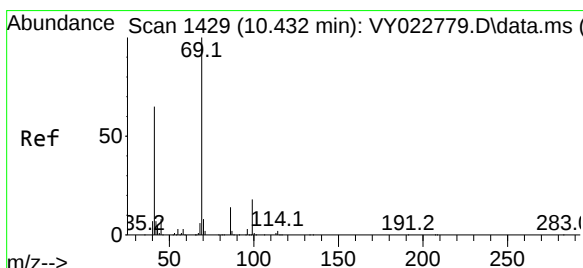
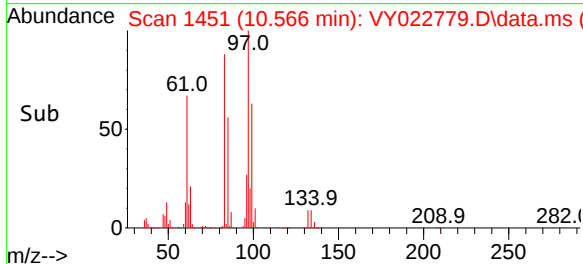
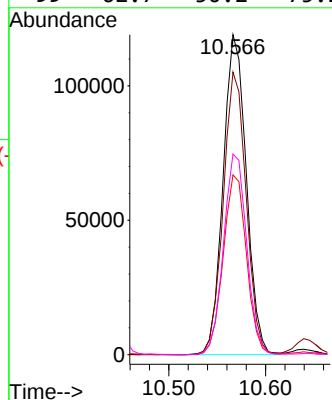
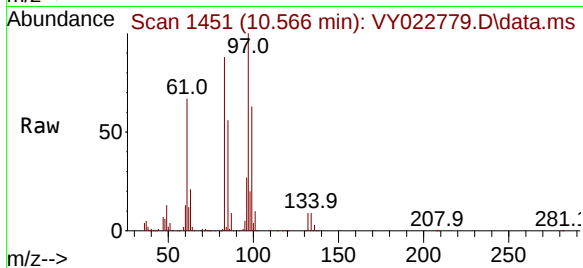
Ion Ratio Lower Upper

97 100

83 88.3 70.6 106.0

85 56.2 45.0 67.4

99 62.7 50.2 75.2



#56

Ethyl methacrylate

Concen: 53.942 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

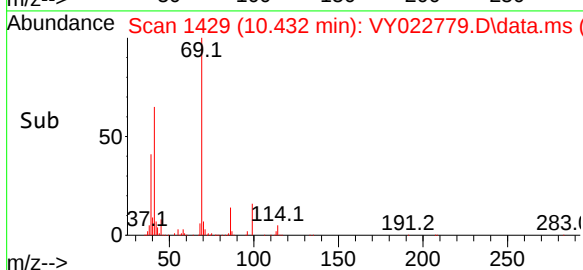
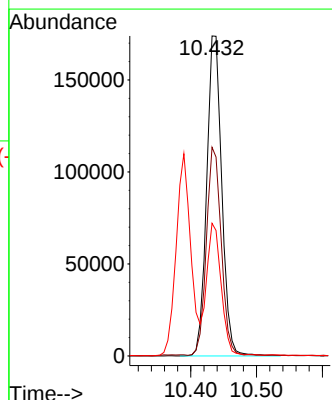
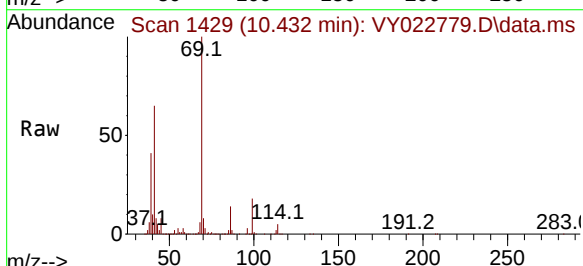
Tgt Ion: 69 Resp: 277956

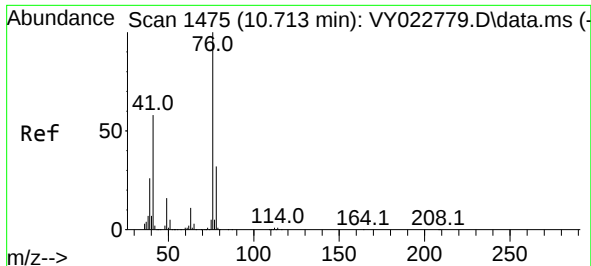
Ion Ratio Lower Upper

69 100

41 64.0 51.2 76.8

39 39.3 31.4 47.2





#57

1,3-Dichloropropane

Concen: 51.512 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

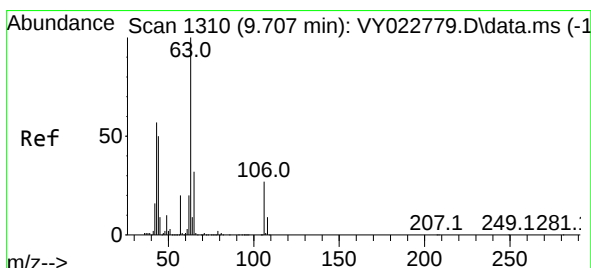
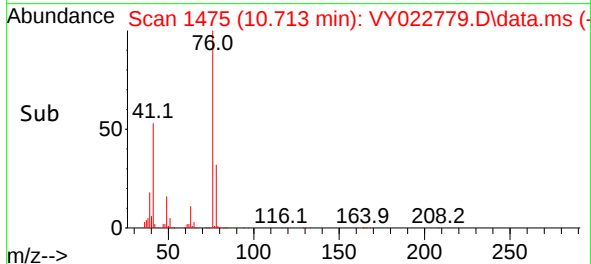
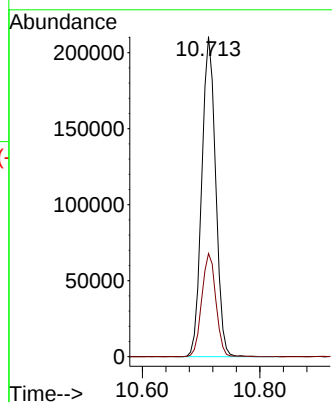
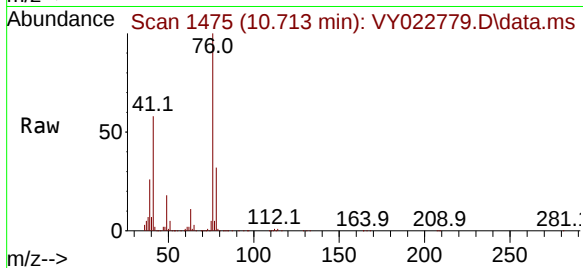
VSTDICCC050

Tgt Ion: 76 Resp: 344212

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.688 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022779.D

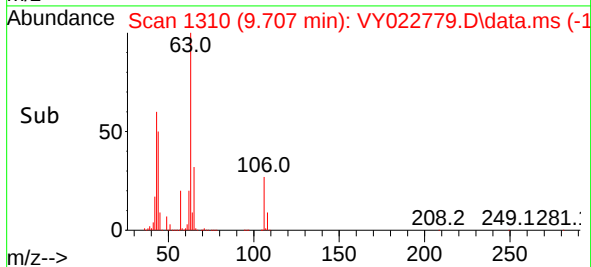
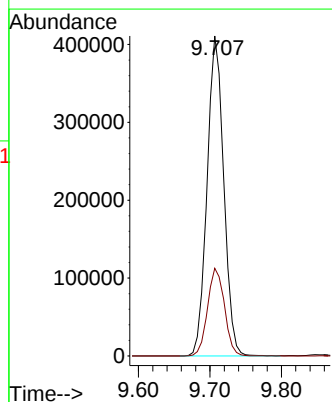
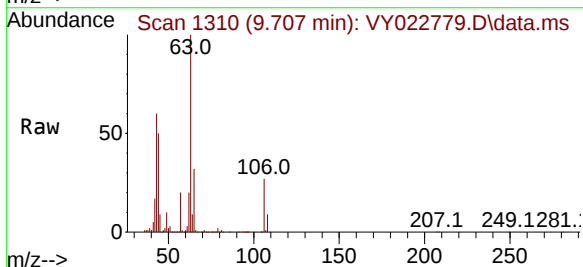
Acq: 23 Jun 2025 14:46

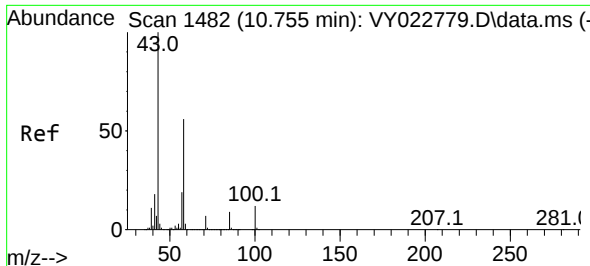
Tgt Ion: 63 Resp: 664611

Ion Ratio Lower Upper

63 100

106 27.9 22.3 33.5

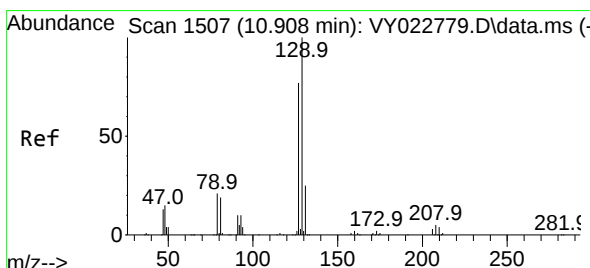
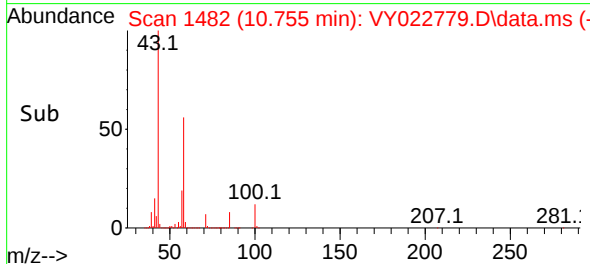
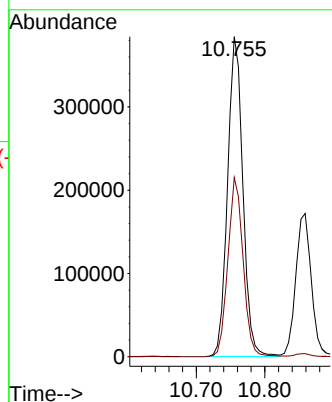
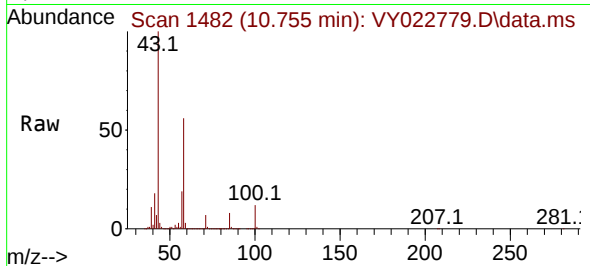




#59
2-Hexanone
Concen: 264.979 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

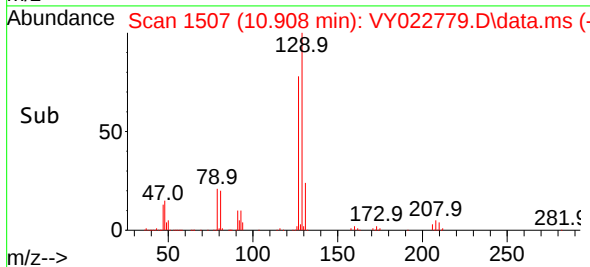
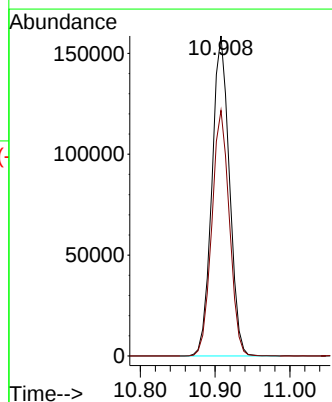
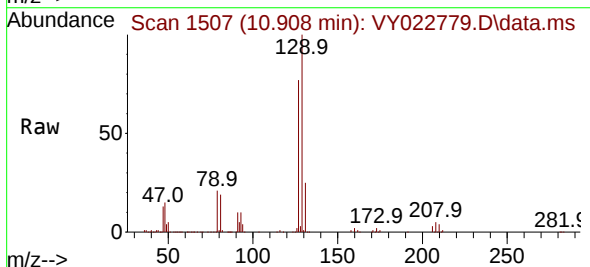
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

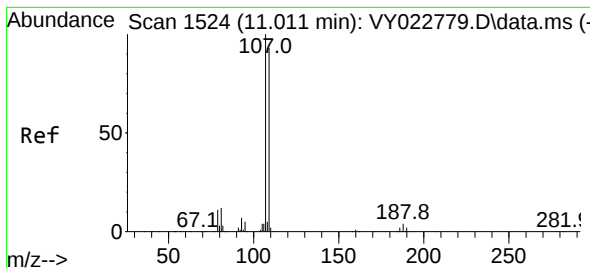
Tgt Ion: 43 Resp: 594522
Ion Ratio Lower Upper
43 100
58 55.9 28.0 83.9



#60
Dibromochloromethane
Concen: 52.176 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 129 Resp: 258124
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

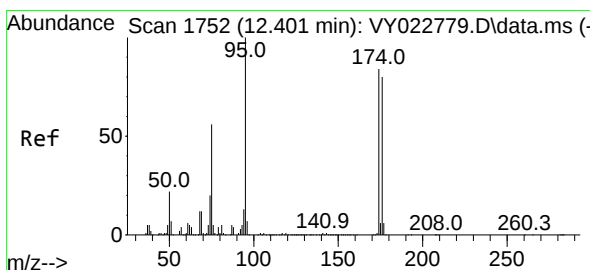
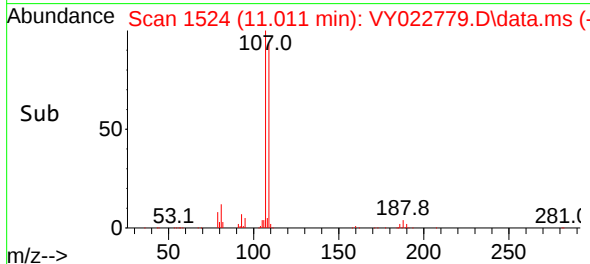
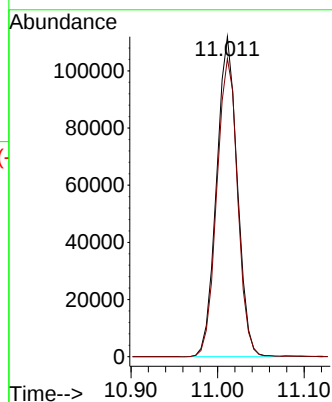
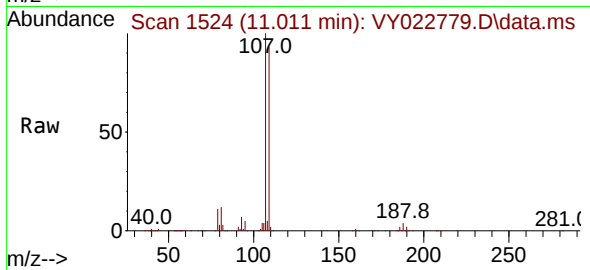




#61
1,2-Dibromoethane
Concen: 51.892 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

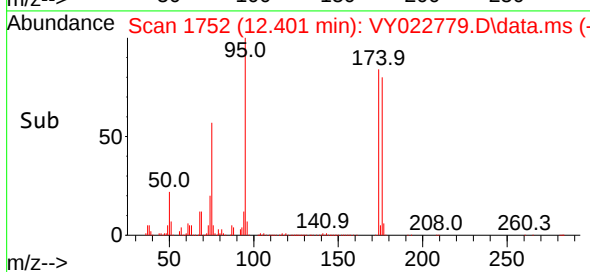
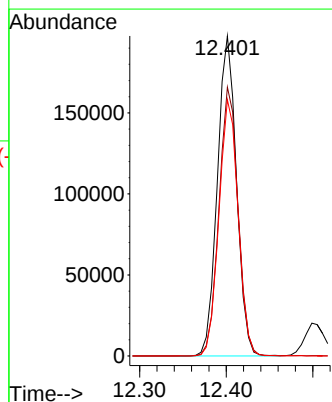
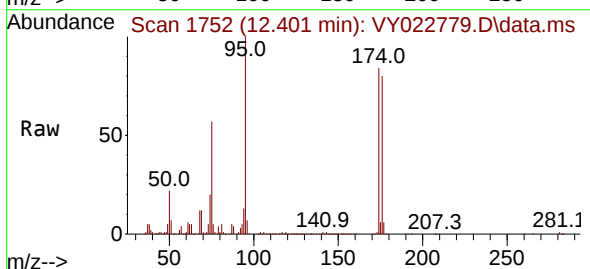
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

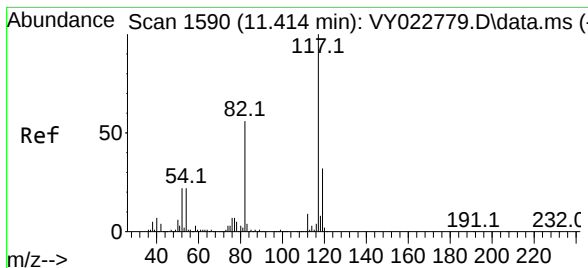
Tgt Ion:107 Resp: 185981
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 49.596 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 95 Resp: 302230
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.2
176 80.4 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

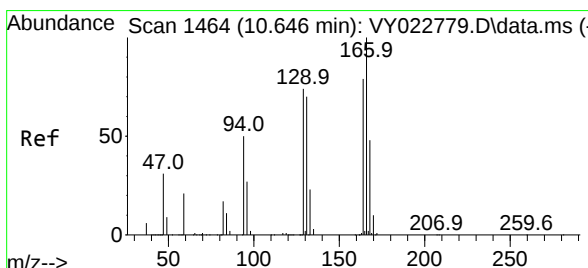
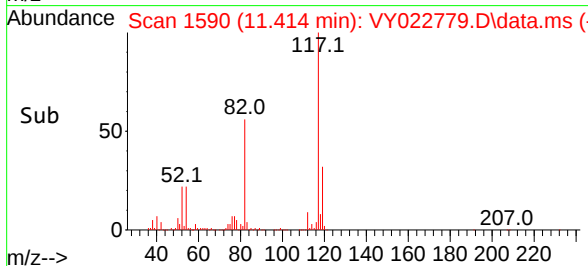
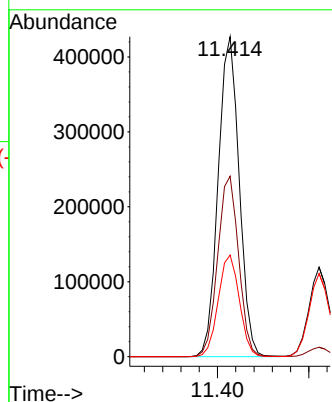
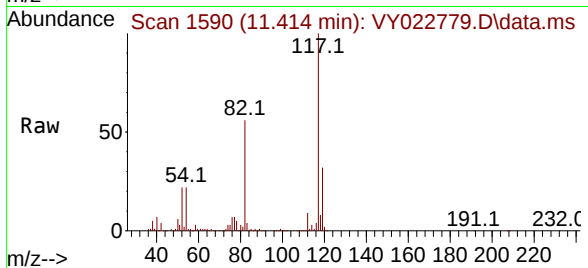
Tgt Ion:117 Resp: 682333

Ion Ratio Lower Upper

117 100

82 56.4 45.1 67.7

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 54.557 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Tgt Ion:164 Resp: 351675

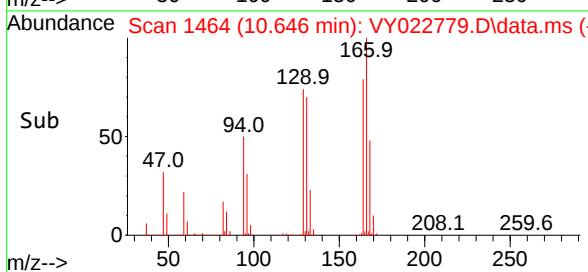
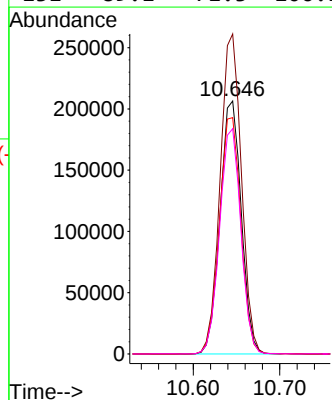
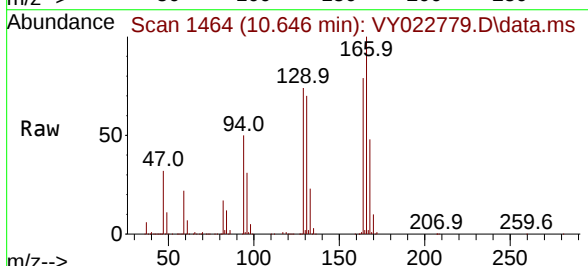
Ion Ratio Lower Upper

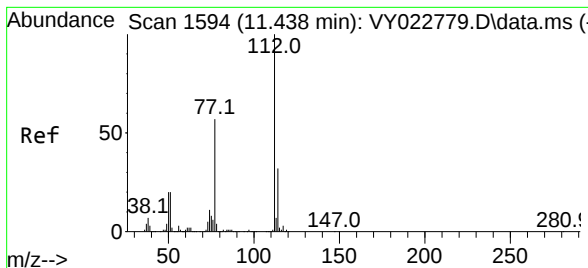
164 100

166 126.5 101.2 151.8

129 93.4 74.7 112.1

131 89.1 71.3 106.9





#65

Chlorobenzene

Concen: 51.257 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

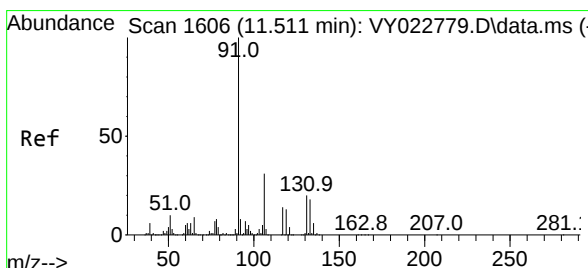
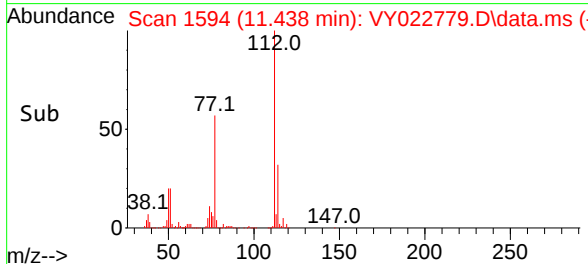
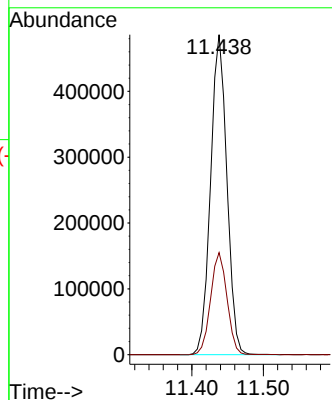
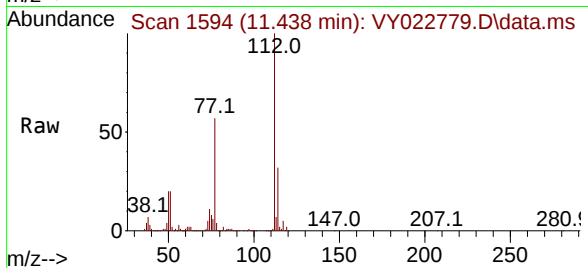
VSTDICCC050

Tgt Ion:112 Resp: 768503

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.771 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

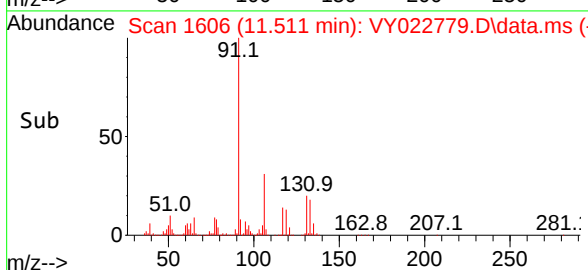
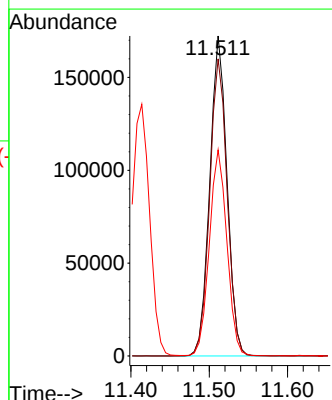
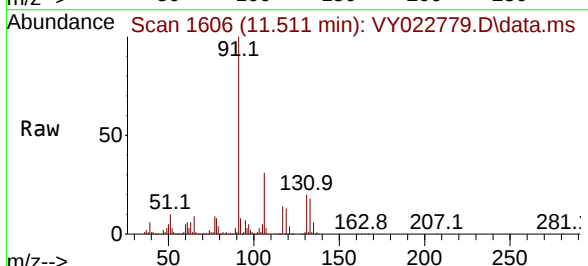
Tgt Ion:131 Resp: 262905

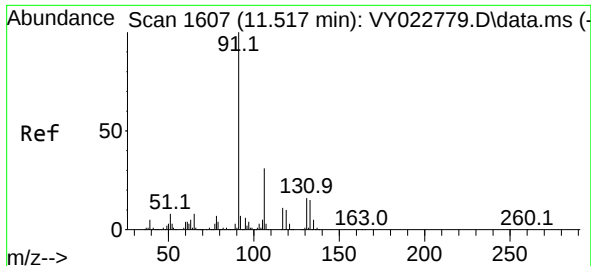
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

119 65.8 32.9 98.7





#67

Ethyl Benzene

Concen: 52.553 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

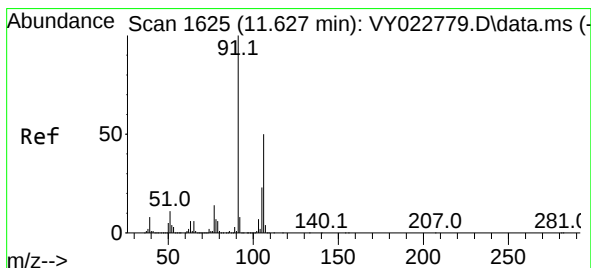
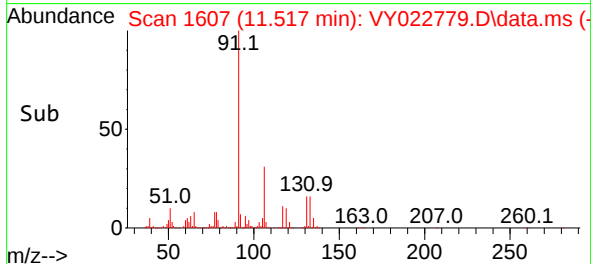
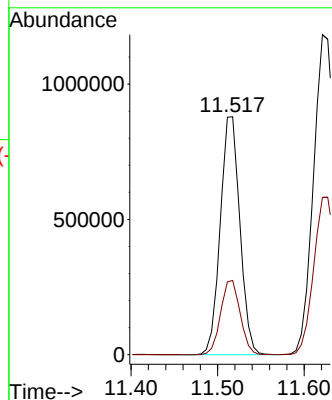
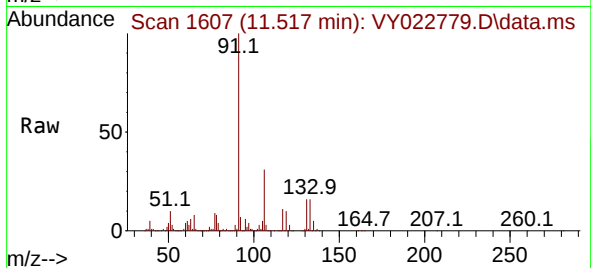
VSTDICCC050

Tgt Ion: 91 Resp: 1384381

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 104.802 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022779.D

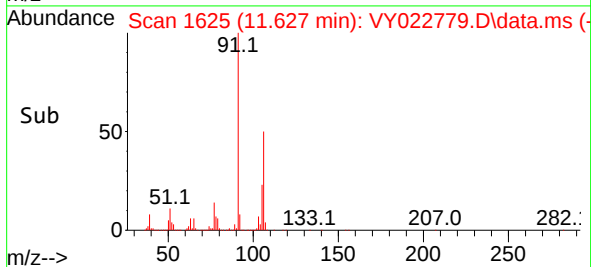
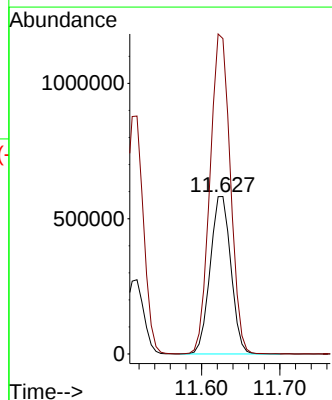
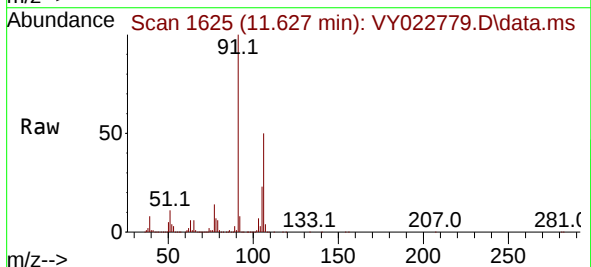
Acq: 23 Jun 2025 14:46

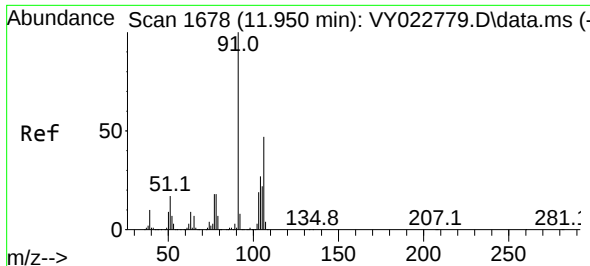
Tgt Ion:106 Resp: 1067204

Ion Ratio Lower Upper

106 100

91 200.5 160.4 240.6

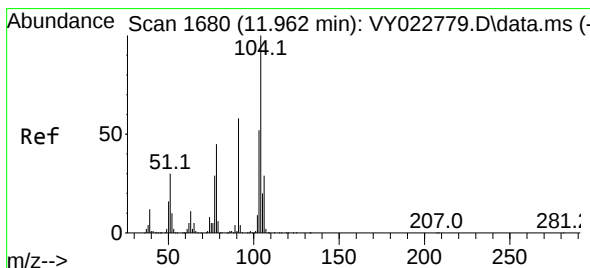
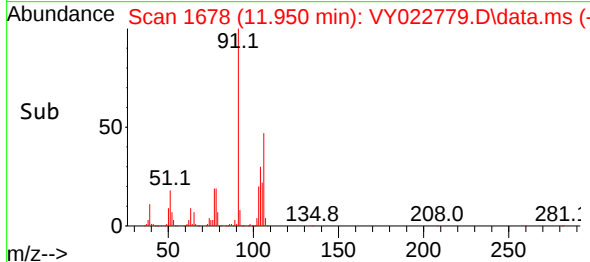
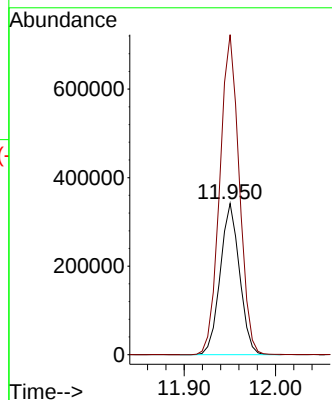
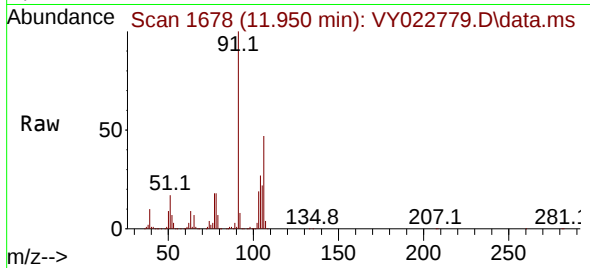




#69
o-Xylene
Concen: 52.219 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

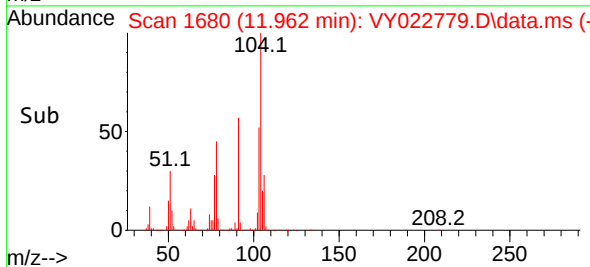
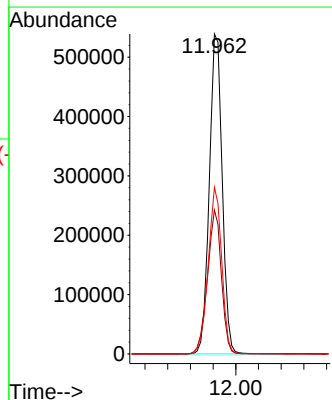
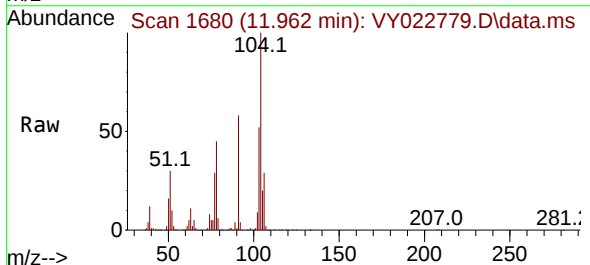
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

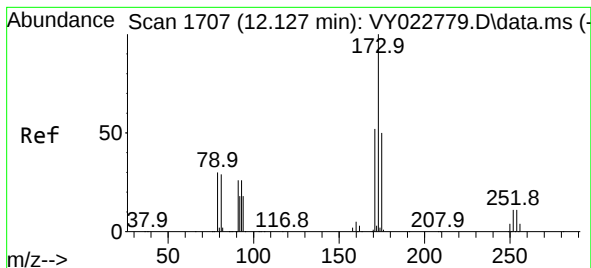
Tgt Ion:106 Resp: 501048
Ion Ratio Lower Upper
106 100
91 213.9 106.9 320.8



#70
Styrene
Concen: 53.034 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion:104 Resp: 852365
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 54.6 43.7 65.5





#71

Bromoform

Concen: 51.241 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

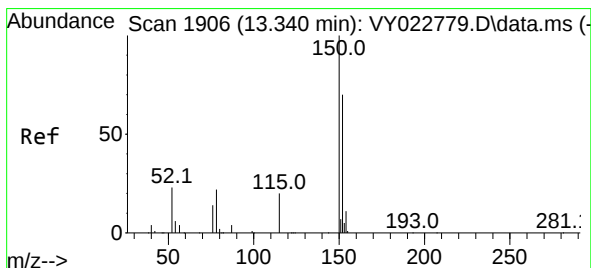
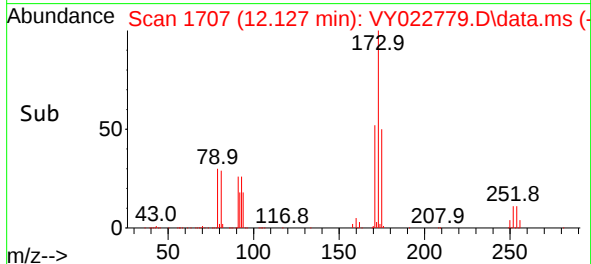
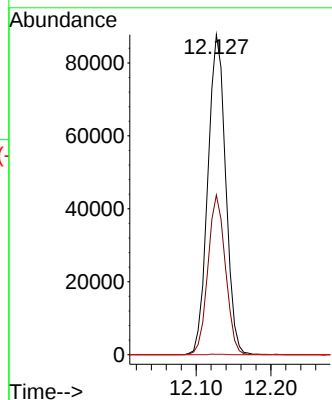
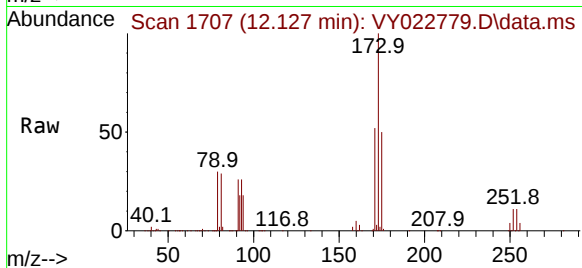
Tgt Ion:173 Resp: 144890

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

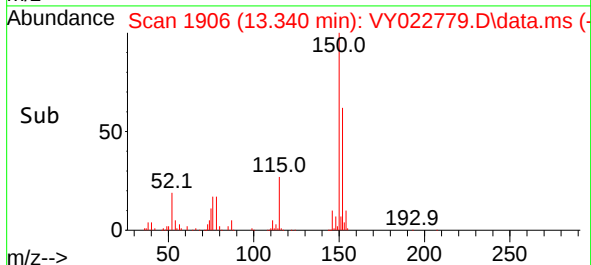
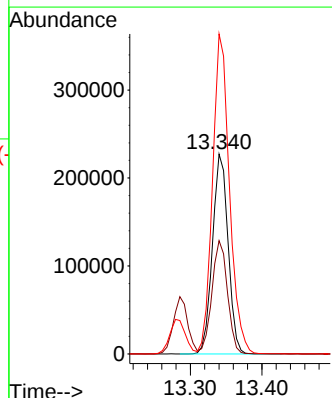
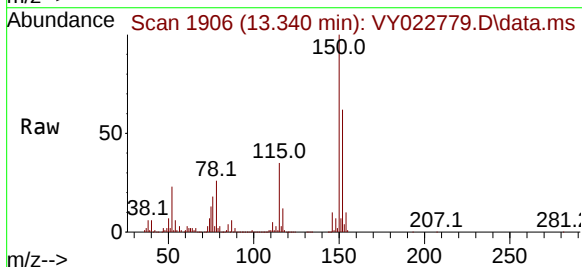
Tgt Ion:152 Resp: 344728

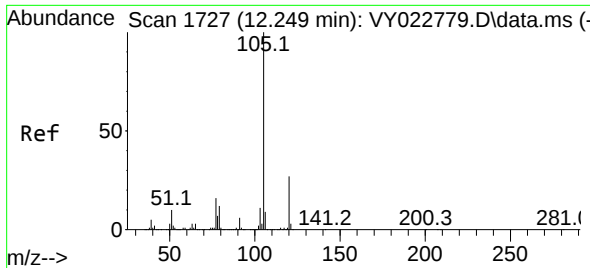
Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.3

150 173.2 0.0 346.4

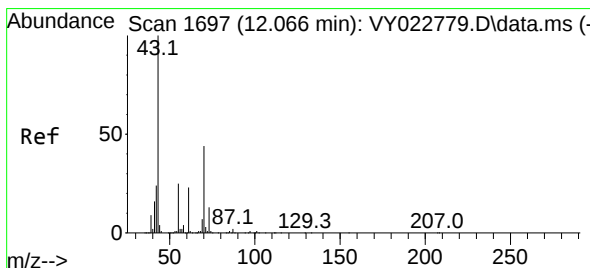
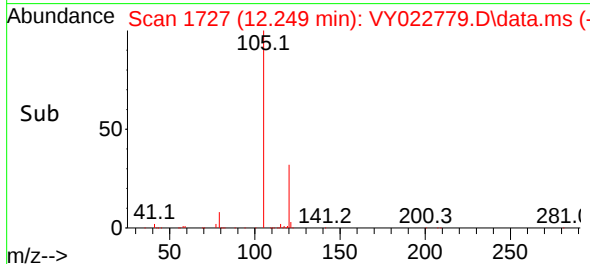
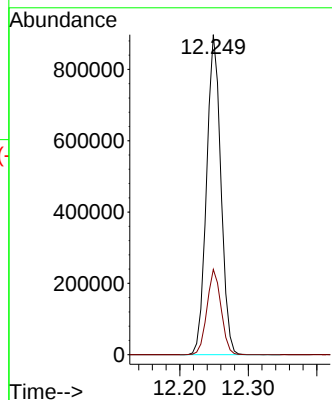
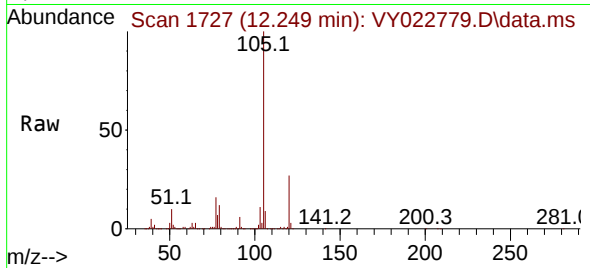




#73
Isopropylbenzene
Concen: 51.086 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

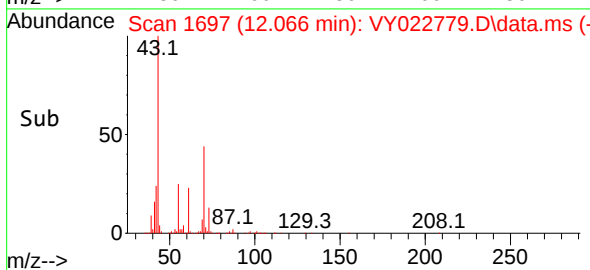
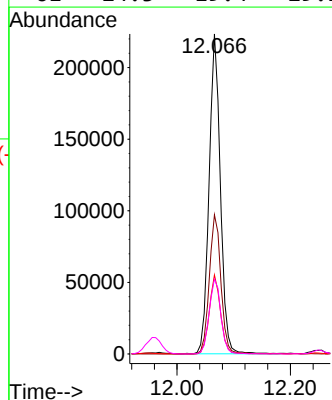
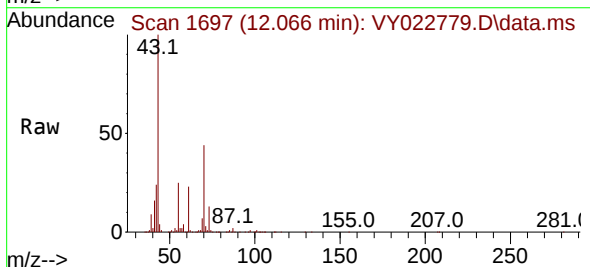
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

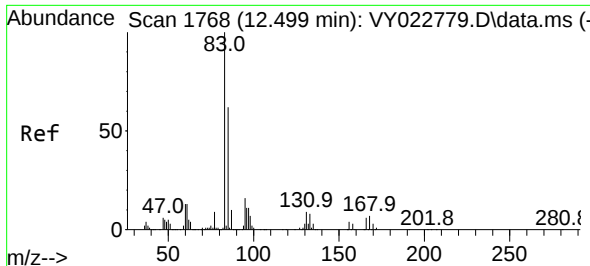
Tgt Ion:105 Resp: 1302433
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 54.051 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 43 Resp: 309312
Ion Ratio Lower Upper
43 100
70 44.7 35.8 53.6
55 24.9 19.9 29.9
61 24.3 19.4 29.2

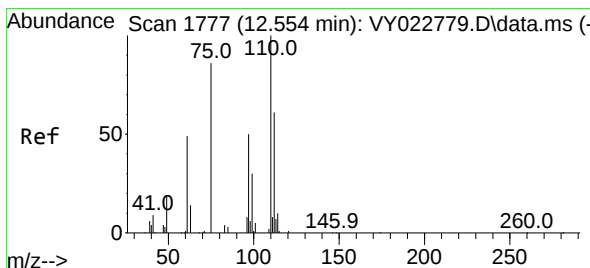
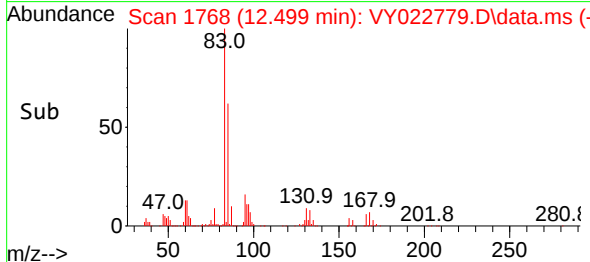
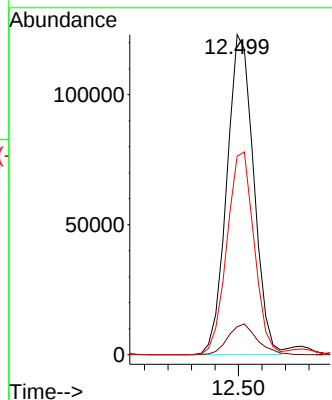
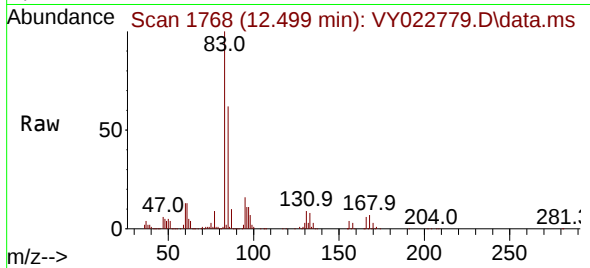




#75
1,1,2-Tetrachloroethane
Concen: 47.587 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

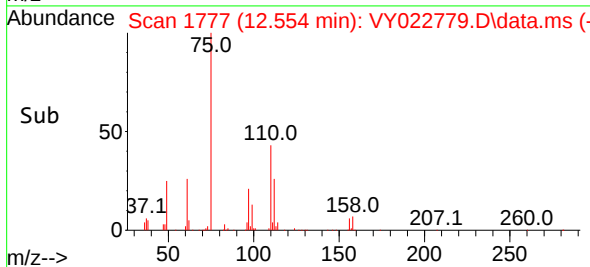
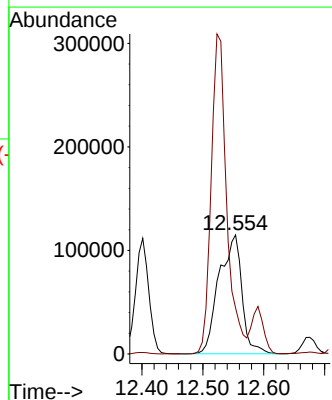
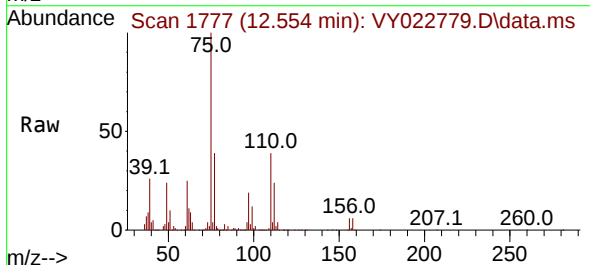
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

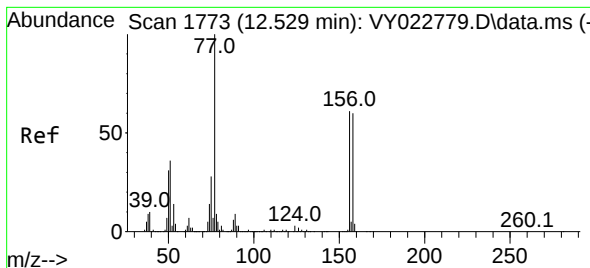
Tgt Ion: 83 Resp: 195531
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 82.722 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 75 Resp: 300296
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.823 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

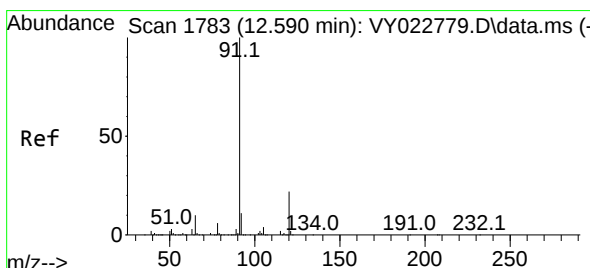
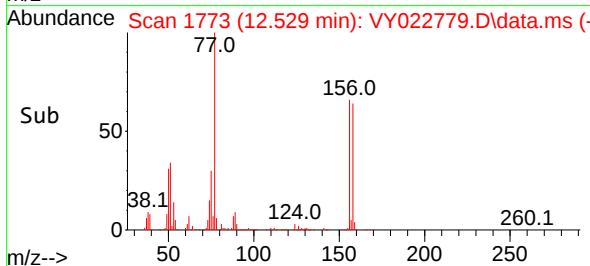
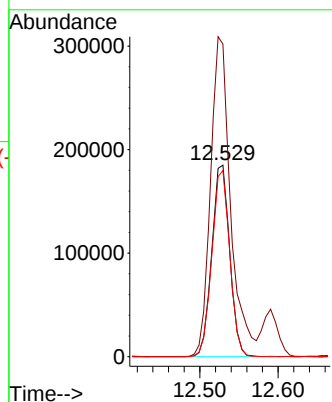
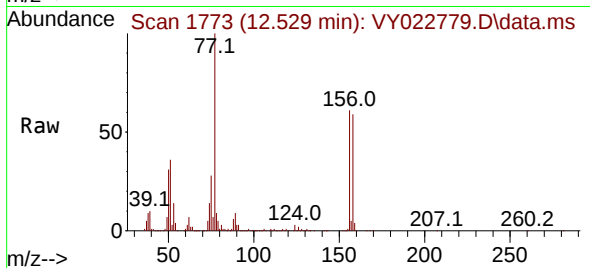
Tgt Ion:156 Resp: 293698

Ion Ratio Lower Upper

156 100

77 186.8 93.4 280.2

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 51.086 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022779.D

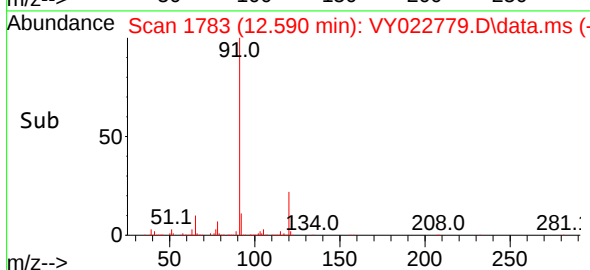
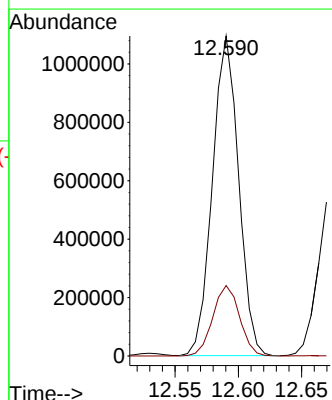
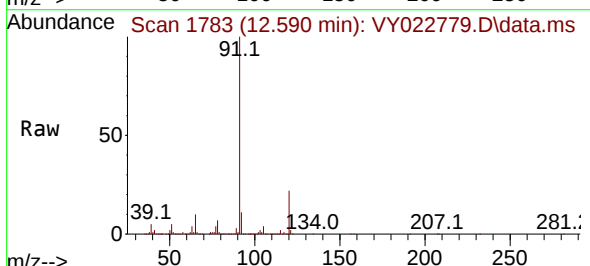
Acq: 23 Jun 2025 14:46

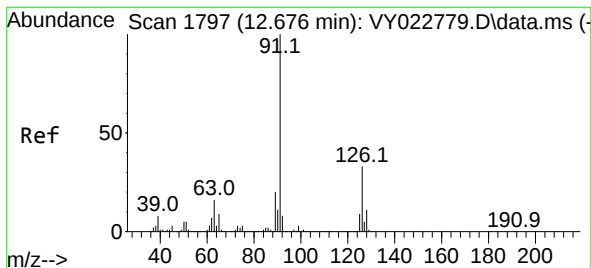
Tgt Ion: 91 Resp: 1572487

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 51.056 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

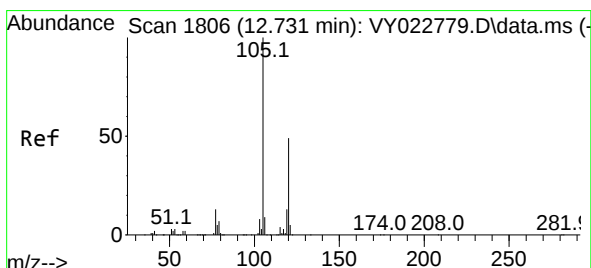
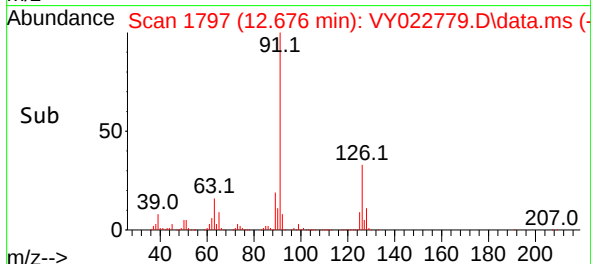
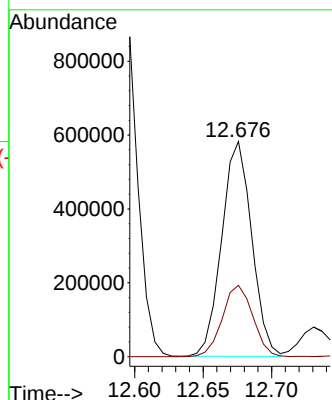
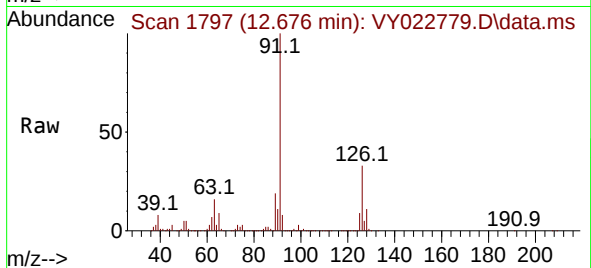
VSTDICCC050

Tgt Ion: 91 Resp: 887920

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 51.286 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY022779.D

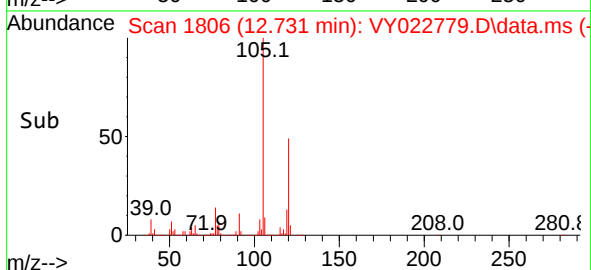
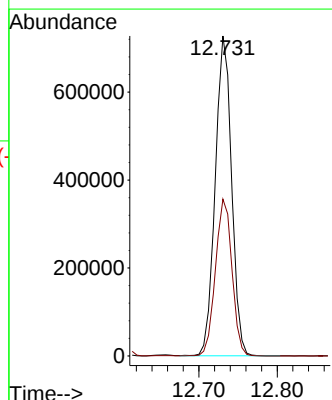
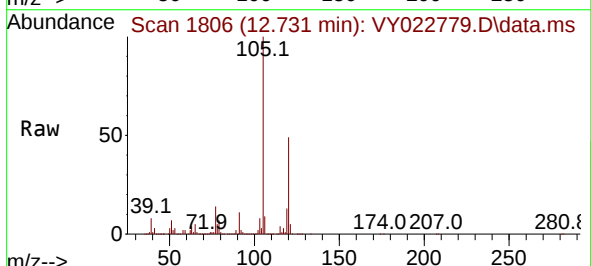
Acq: 23 Jun 2025 14:46

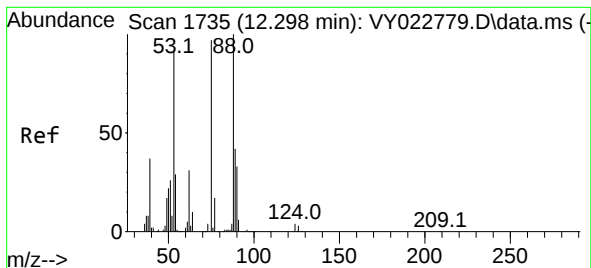
Tgt Ion: 105 Resp: 1055520

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.3

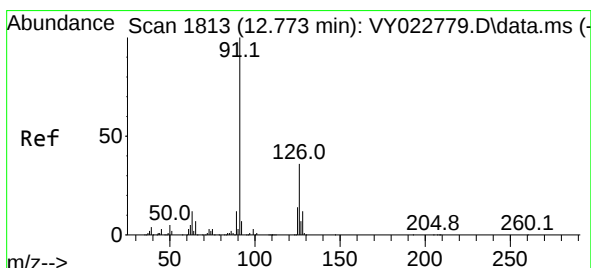
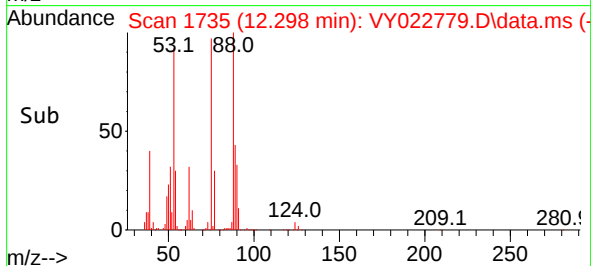
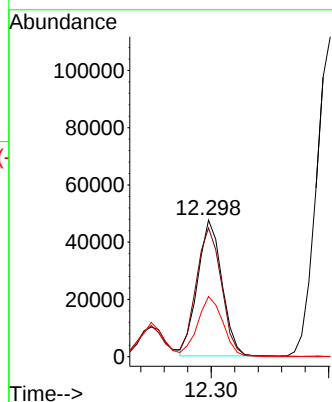
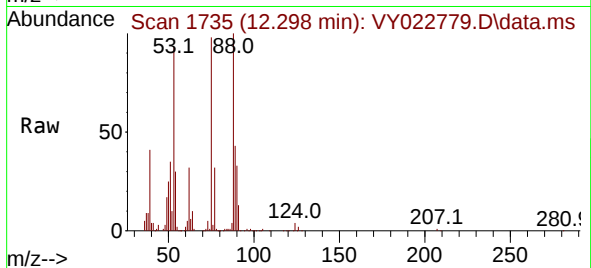




#81
trans-1,4-Dichloro-2-butene
Concen: 49.163 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

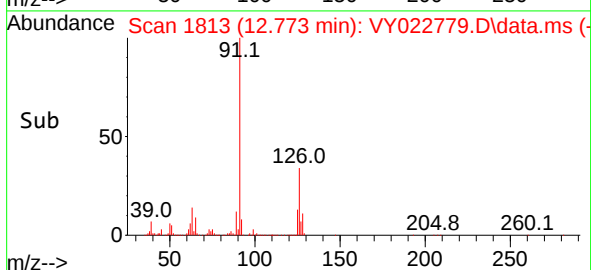
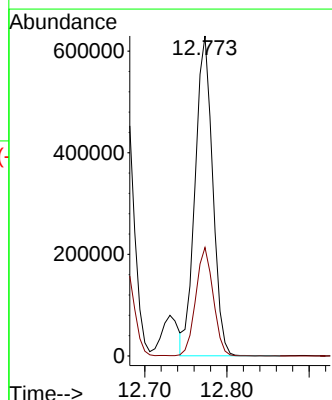
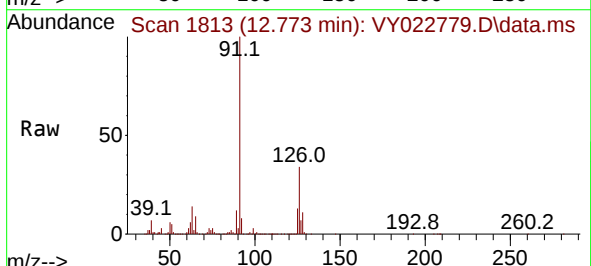
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

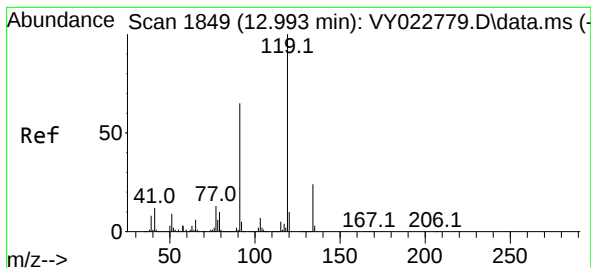
Tgt Ion: 75 Resp: 68487
Ion Ratio Lower Upper
75 100
53 99.6 79.7 119.5
89 46.0 36.8 55.2



#82
4-Chlorotoluene
Concen: 50.888 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 91 Resp: 929596
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7





#83

tert-Butylbenzene

Concen: 51.654 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

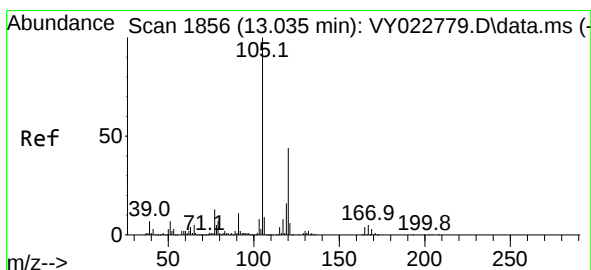
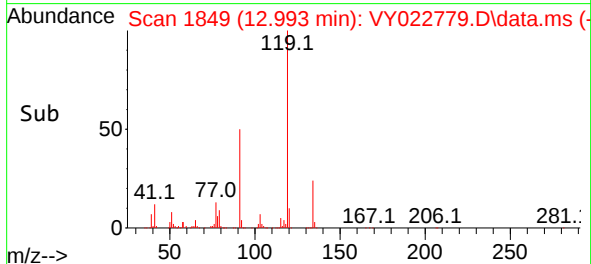
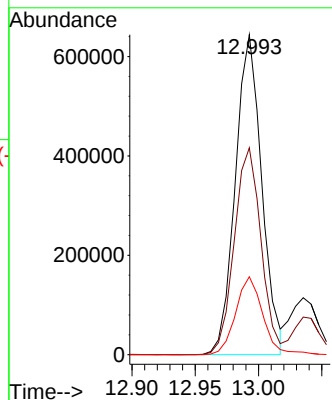
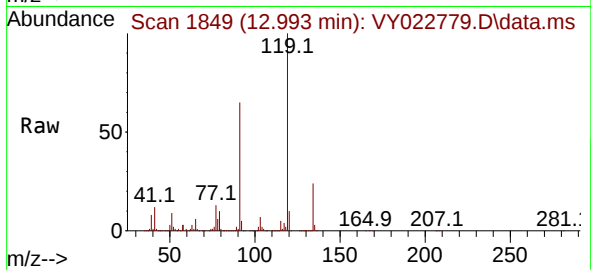
Tgt Ion:119 Resp: 937562

Ion Ratio Lower Upper

119 100

91 65.3 32.6 98.0

134 25.0 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 51.835 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY022779.D

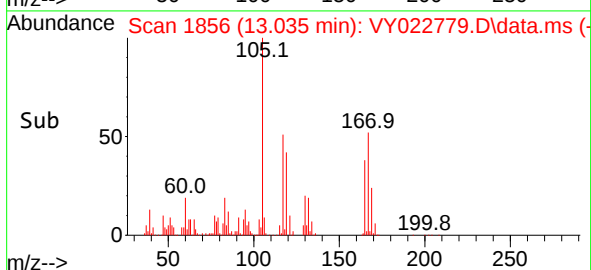
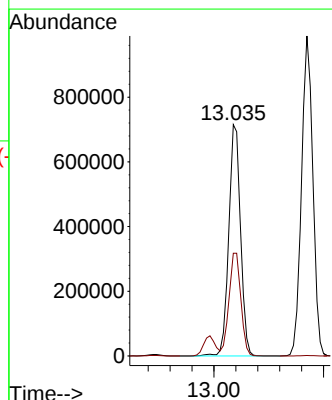
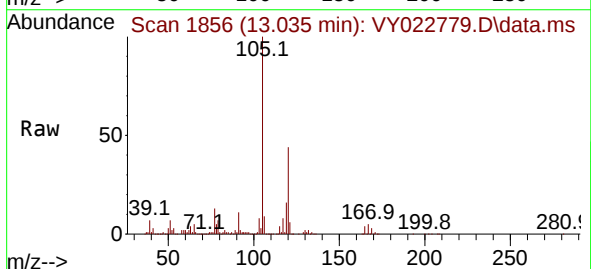
Acq: 23 Jun 2025 14:46

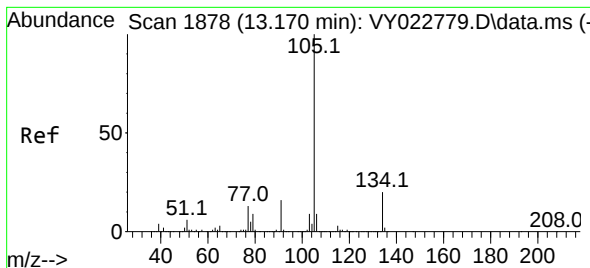
Tgt Ion:105 Resp: 1068099

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.712 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

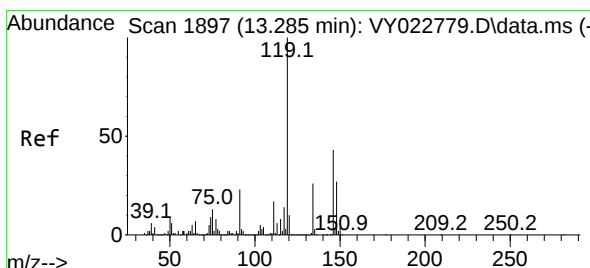
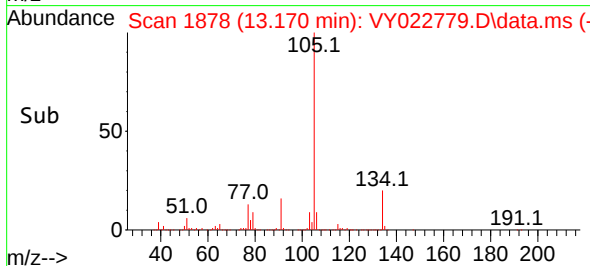
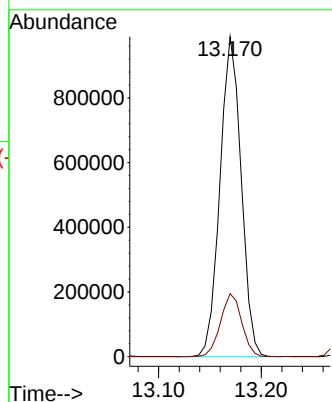
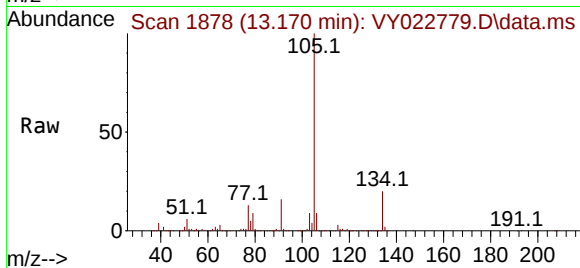
VSTDICCC050

Tgt Ion:105 Resp: 1412230

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 51.790 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

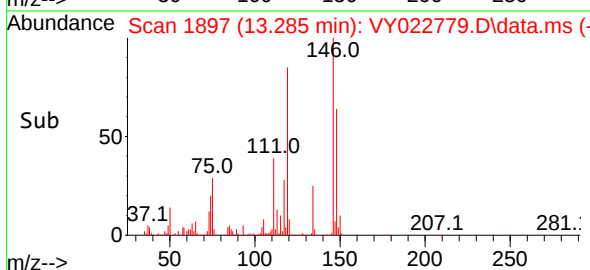
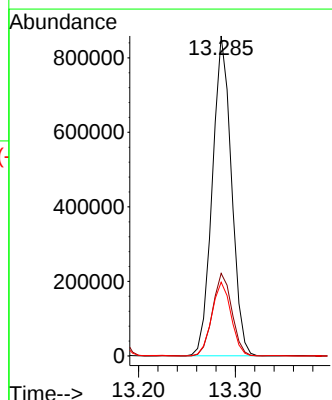
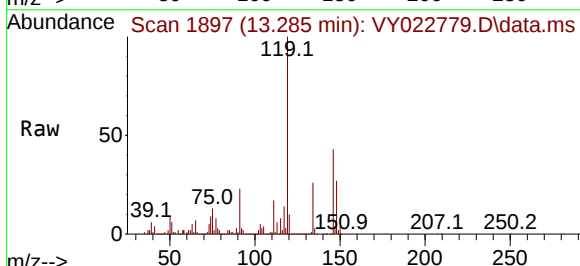
Tgt Ion:119 Resp: 1176992

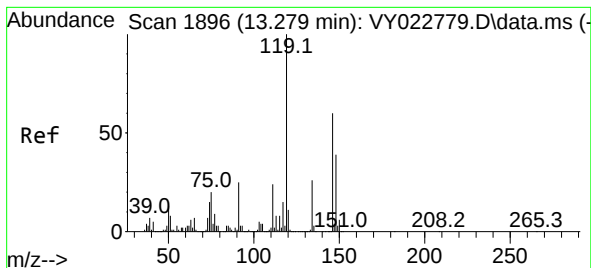
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.737 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

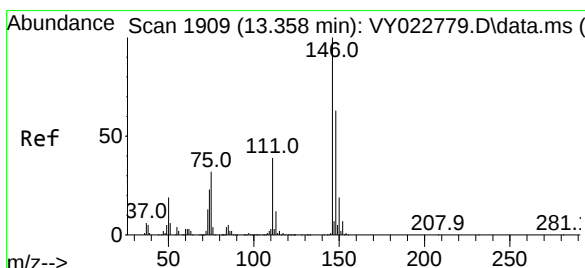
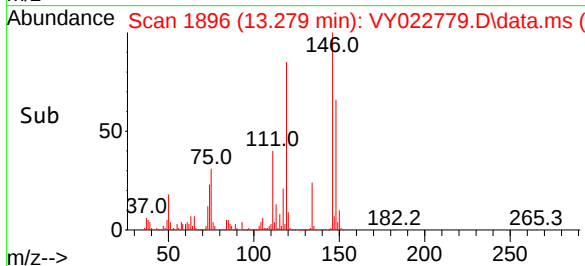
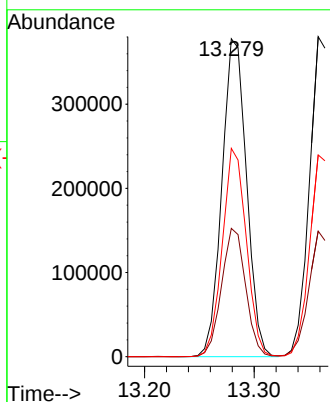
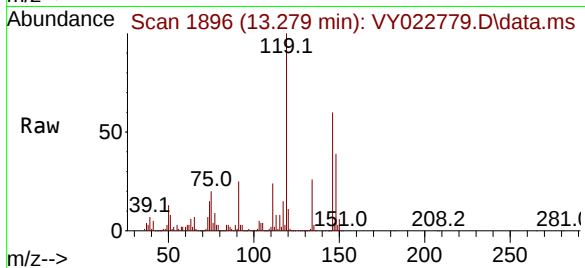
Tgt Ion:146 Resp: 588857

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.397 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

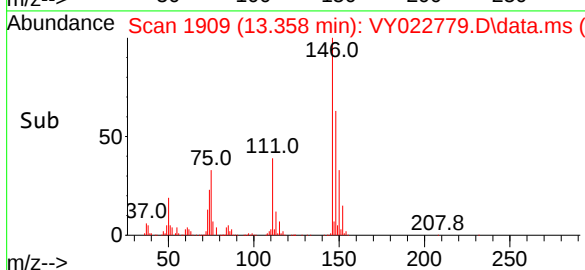
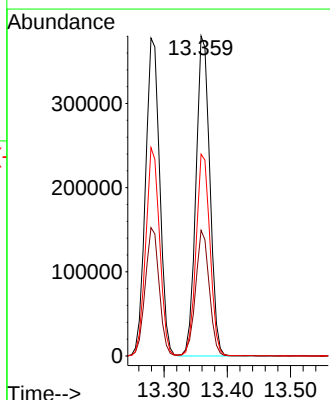
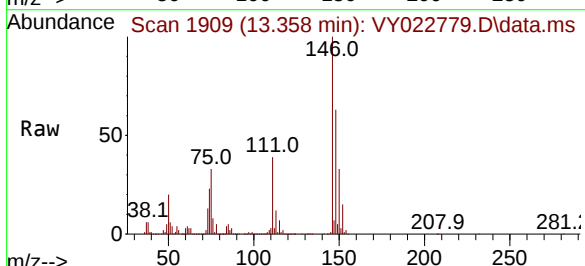
Tgt Ion:146 Resp: 581012

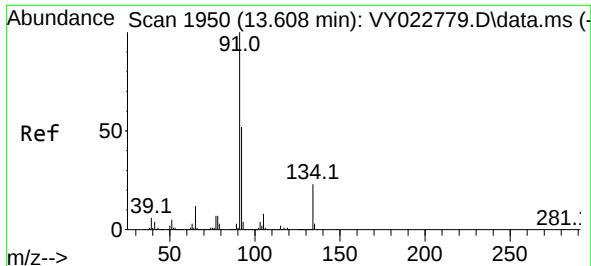
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.4 31.7 95.1

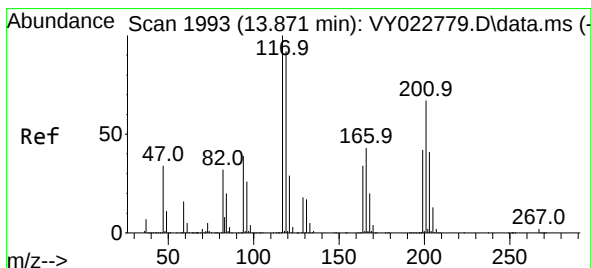
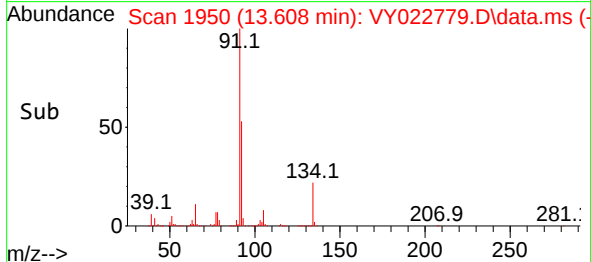
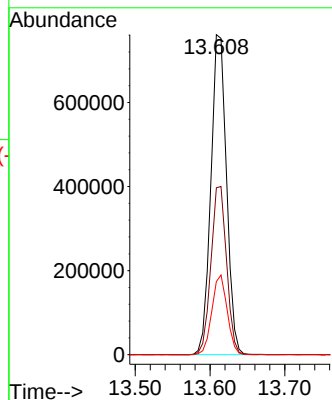
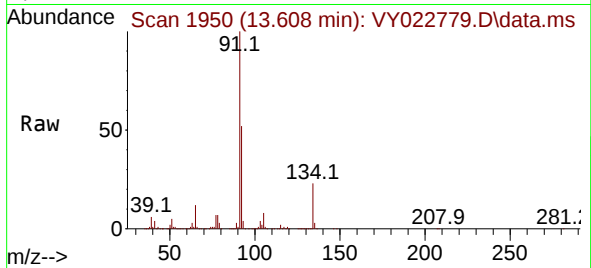




#89
n-Butylbenzene
Concen: 51.668 ug/l
RT: 13.608 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

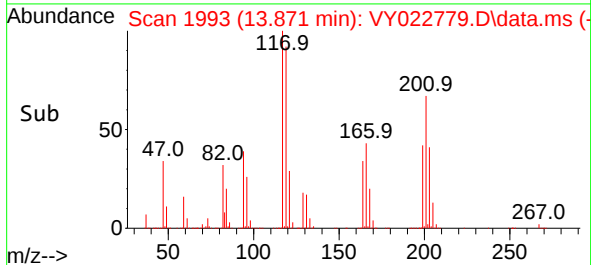
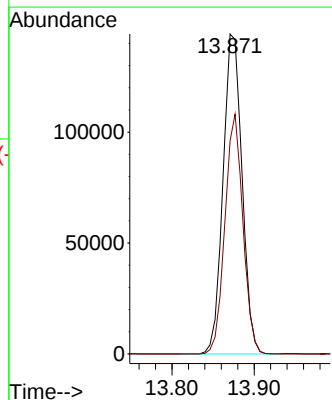
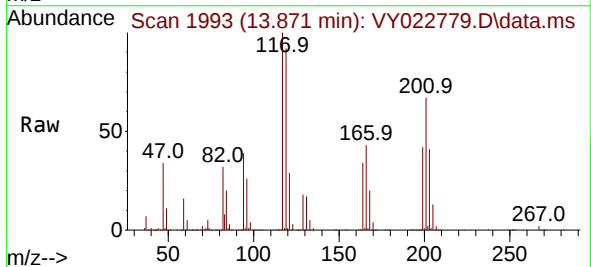
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

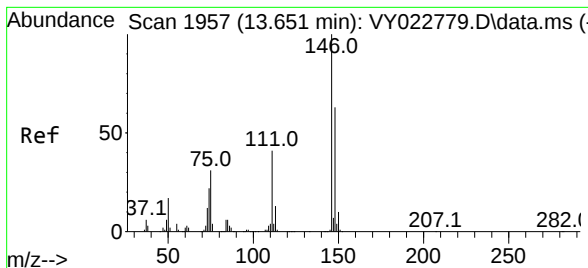
Tgt Ion: 91 Resp: 1104530
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 51.271 ug/l
RT: 13.871 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY022779.D
Acq: 23 Jun 2025 14:46

Tgt Ion: 117 Resp: 232074
Ion Ratio Lower Upper
117 100
201 71.1 35.5 106.7

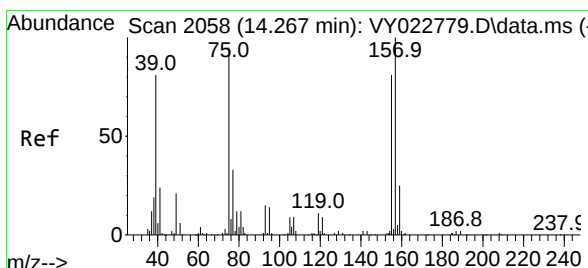
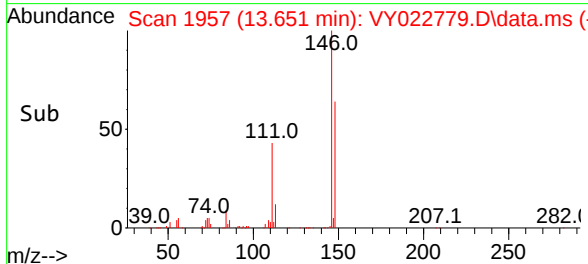
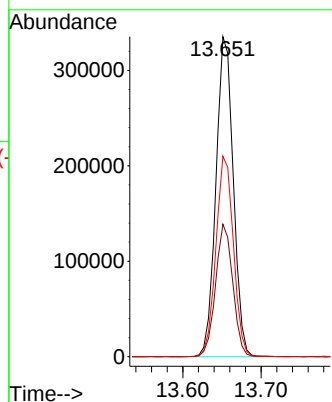
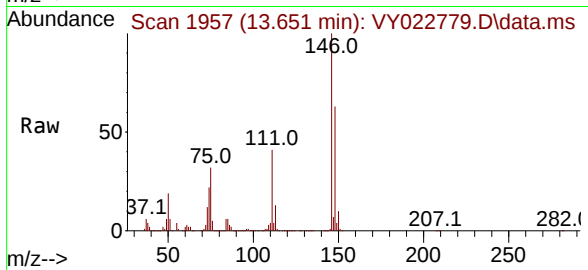




#91
 1,2-Dichlorobenzene
 Concen: 50.508 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

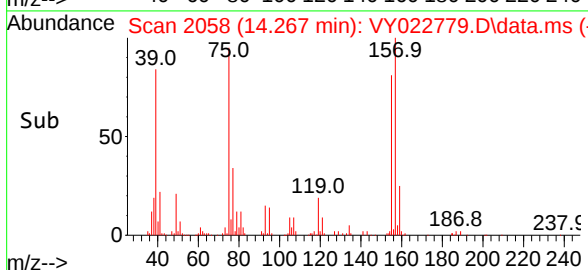
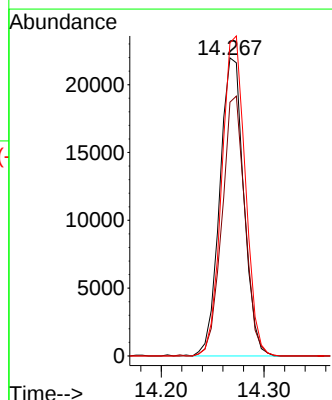
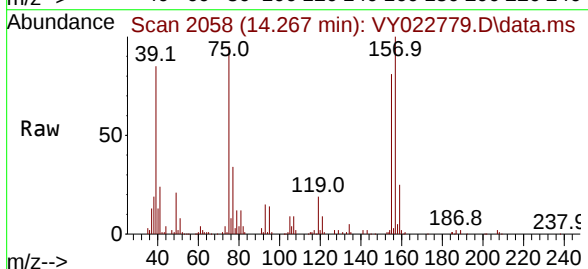
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

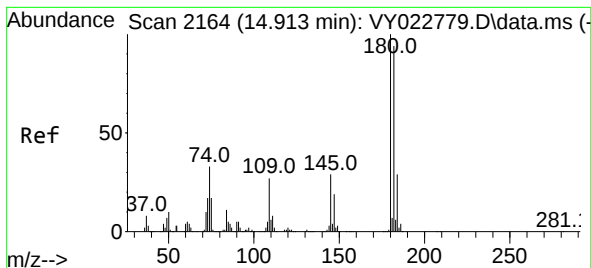
Tgt Ion:146 Resp: 516584
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.039 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY022779.D
 Acq: 23 Jun 2025 14:46

Tgt Ion: 75 Resp: 35564
 Ion Ratio Lower Upper
 75 100
 155 83.3 41.6 124.9
 157 105.2 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 50.327 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

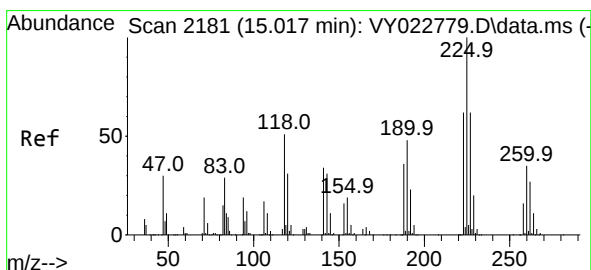
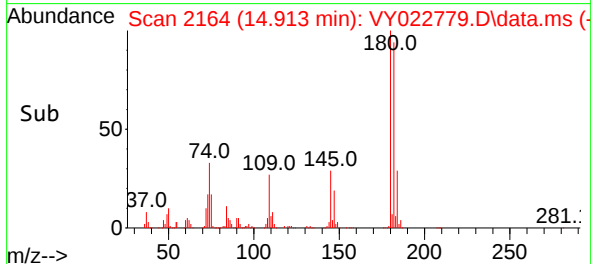
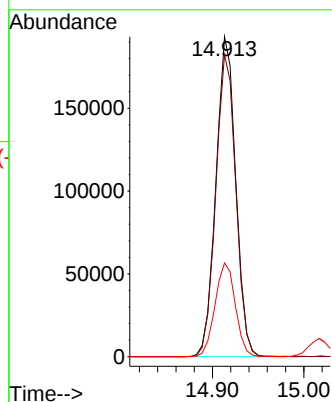
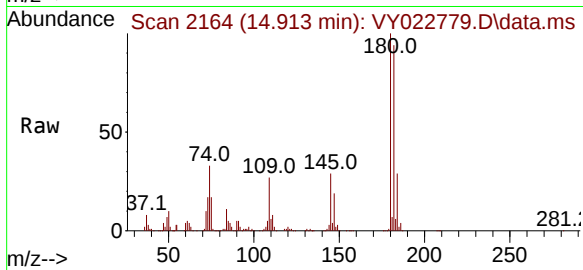
Tgt Ion:180 Resp: 290624

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 49.032 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

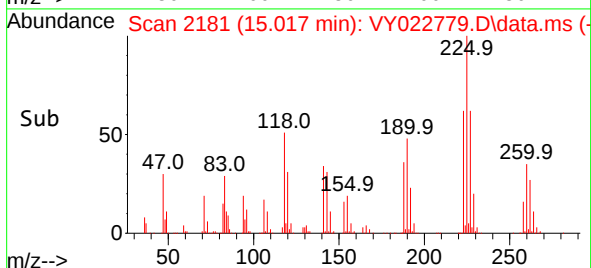
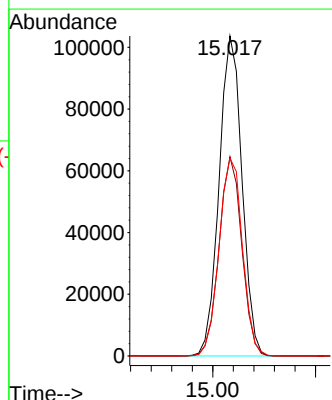
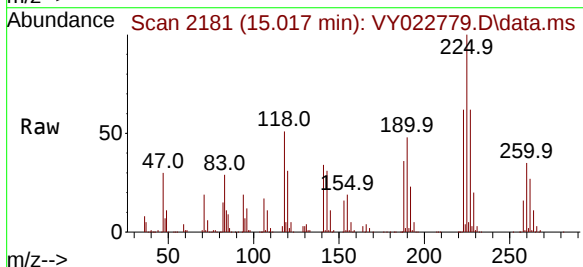
Tgt Ion:225 Resp: 160111

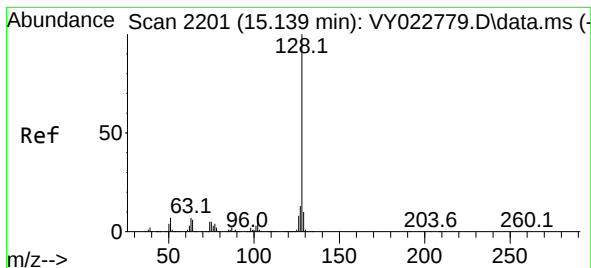
Ion Ratio Lower Upper

225 100

223 61.7 30.9 92.5

227 63.2 31.6 94.8





#95

Naphthalene

Concen: 52.780 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

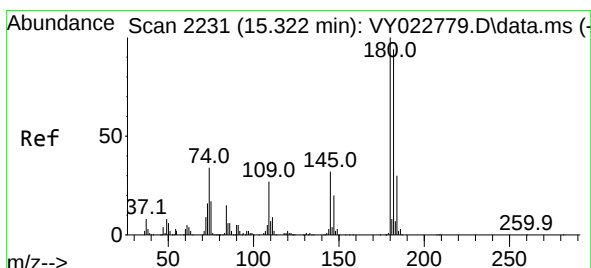
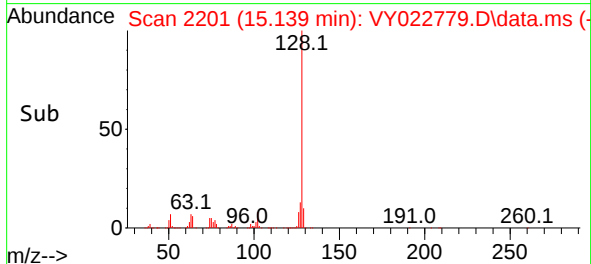
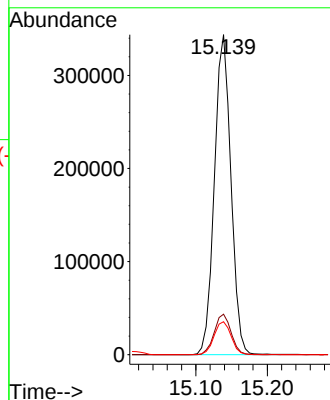
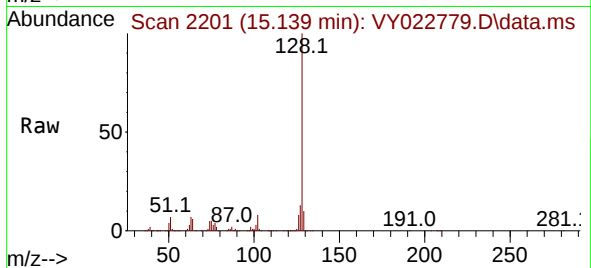
Tgt Ion:128 Resp: 551169

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.316 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022779.D

Acq: 23 Jun 2025 14:46

Tgt Ion:180 Resp: 251077

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 31.6 15.8 47.4

