

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022988.D
 Acq On : 08 Jul 2025 20:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 02:37:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	347465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	590503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	523833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	275235	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	196766	50.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.480%	
35) Dibromofluoromethane	7.634	113	182706	50.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.760%	
50) Toluene-d8	10.103	98	723345	50.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.402	95	236188	51.558	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.120%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	128686	43.311	ug/l	99
3) Chloromethane	2.068	50	264580	46.634	ug/l	99
4) Vinyl Chloride	2.202	62	346362	48.865	ug/l	97
5) Bromomethane	2.598	94	274778	49.310	ug/l	98
6) Chloroethane	2.739	64	247719	51.991	ug/l	96
7) Trichlorofluoromethane	3.056	101	347551	44.282	ug/l	99
8) Diethyl Ether	3.458	74	95991	49.518	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	178269	49.702	ug/l	98
10) Methyl Iodide	4.007	142	205308	52.573	ug/l	100
11) Tert butyl alcohol	4.872	59	58814	228.082	ug/l	97
12) 1,1-Dichloroethene	3.793	96	173253	49.261	ug/l	96
13) Acrolein	3.659	56	26043	74.480	ug/l	99
14) Allyl chloride	4.385	41	275962	51.013	ug/l	95
15) Acrylonitrile	5.061	53	211497	261.497	ug/l	99
16) Acetone	3.873	43	175125	238.921	ug/l	94
17) Carbon Disulfide	4.104	76	531971	46.821	ug/l	98
18) Methyl Acetate	4.385	43	125000	51.495	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	483903	50.531	ug/l	97
20) Methylene Chloride	4.616	84	279556	60.393	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	200640	49.916	ug/l	99
22) Diisopropyl ether	6.019	45	635945	52.935	ug/l	99
23) Vinyl Acetate	5.964	43	1704946	256.963	ug/l	100
24) 1,1-Dichloroethane	5.915	63	379300	52.270	ug/l	100
25) 2-Butanone	6.896	43	268917	252.078	ug/l	98
26) 2,2-Dichloropropane	6.884	77	292085	48.018	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	241575	51.721	ug/l	100
28) Bromochloromethane	7.244	49	162824	53.372	ug/l	96
29) Tetrahydrofuran	7.262	42	175125	259.973	ug/l	99
30) Chloroform	7.421	83	389438	52.106	ug/l	97
31) Cyclohexane	7.701	56	318590	47.829	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	334074	51.724	ug/l	99
36) 1,1-Dichloropropene	7.835	75	277076	50.902	ug/l	99
37) Ethyl Acetate	6.988	43	120644	51.362	ug/l	98
38) Carbon Tetrachloride	7.817	117	286952	49.962	ug/l	96
39) Methylcyclohexane	9.109	83	350704	49.786	ug/l	99
40) Benzene	8.079	78	869983	51.984	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	71266	49.284	ug/l	97
42) 1,2-Dichloroethane	8.158	62	235657	51.386	ug/l	99
43) Isopropyl Acetate	8.195	43	250096	51.229	ug/l	99
44) Trichloroethene	8.866	130	212375	50.543	ug/l	97
45) 1,2-Dichloropropane	9.140	63	206693	52.770	ug/l	98
46) Dibromomethane	9.231	93	113586	51.084	ug/l	96
47) Bromodichloromethane	9.420	83	304198	53.054	ug/l	100
48) Methyl methacrylate	9.219	41	123439	52.597	ug/l	94
49) 1,4-Dioxane	9.231	88	24331	926.195	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	668212	269.350	ug/l	97
52) Toluene	10.170	92	550326	52.123	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	267110	51.777	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	310934	51.982	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	150151	52.150	ug/l	97
56) Ethyl methacrylate	10.439	69	203707	52.588	ug/l	96
57) 1,3-Dichloropropane	10.713	76	259081	51.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	509326	250.158	ug/l	100
59) 2-Hexanone	10.756	43	441905	262.000	ug/l	98
60) Dibromochloromethane	10.908	129	196396	52.809	ug/l	99
61) 1,2-Dibromoethane	11.012	107	137822	51.154	ug/l	97
64) Tetrachloroethene	10.646	164	234832	47.454	ug/l	99
65) Chlorobenzene	11.438	112	582088	50.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	198021	50.793	ug/l	98
67) Ethyl Benzene	11.518	91	1048920	51.866	ug/l	97
68) m/p-Xylenes	11.627	106	812457	103.926	ug/l	99
69) o-Xylene	11.950	106	381007	51.724	ug/l	99
70) Styrene	11.969	104	649923	52.673	ug/l	99
71) Bromoform	12.127	173	109792	50.577	ug/l #	99
73) Isopropylbenzene	12.249	105	995845	48.923	ug/l	99
74) N-amyl acetate	12.066	43	224846	49.211	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.499	83	164653	50.189	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	224113	79.758	ug/l #	100
77) Bromobenzene	12.530	156	220008	47.684	ug/l	100
78) n-propylbenzene	12.591	91	1224096	49.808	ug/l	99
79) 2-Chlorotoluene	12.676	91	685670	49.381	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	828830	50.439	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	51790	46.564	ug/l	99
82) 4-Chlorotoluene	12.773	91	713070	48.891	ug/l	100
83) tert-Butylbenzene	12.993	119	727775	50.220	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	829237	50.404	ug/l	100
85) sec-Butylbenzene	13.170	105	1107012	50.770	ug/l	100
86) p-Isopropyltoluene	13.286	119	918547	50.623	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	451267	48.700	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	444654	48.308	ug/l	100
89) n-Butylbenzene	13.615	91	849047	49.745	ug/l	99
90) Hexachloroethane	13.877	117	177524	49.122	ug/l	96
91) 1,2-Dichlorobenzene	13.651	146	392132	48.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	25846	46.458	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	207680	45.044	ug/l	98
94) Hexachlorobutadiene	15.017	225	120839	46.348	ug/l	98
95) Naphthalene	15.139	128	382638	45.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	177275	44.496	ug/l	99

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

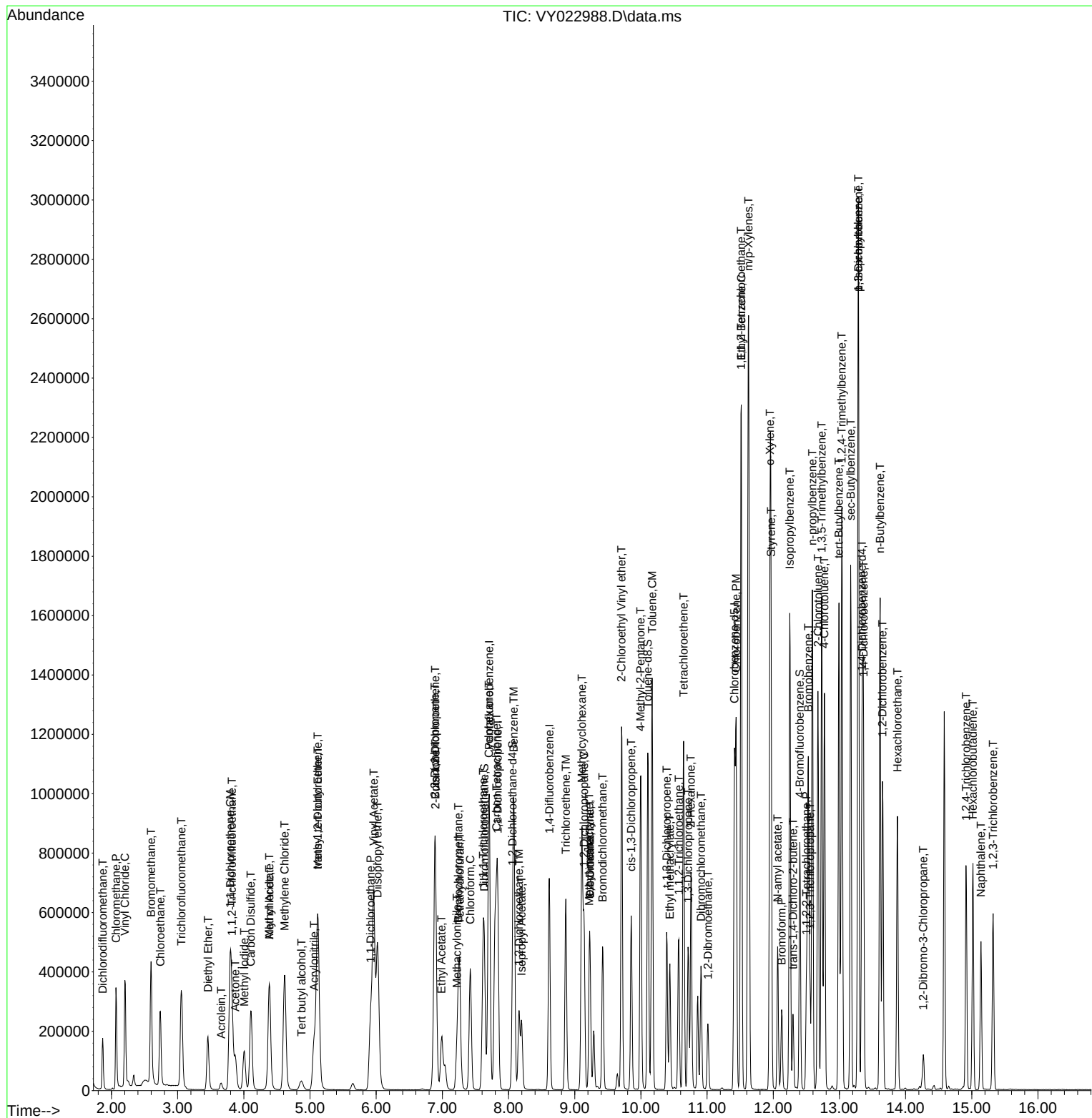
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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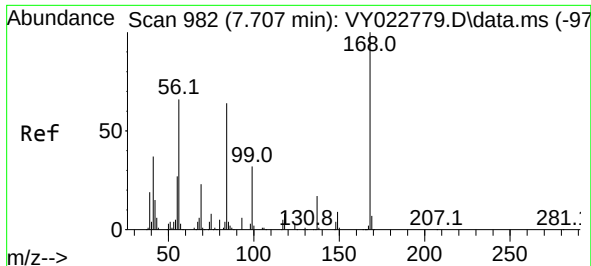
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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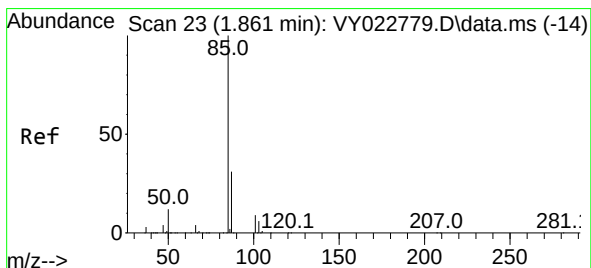
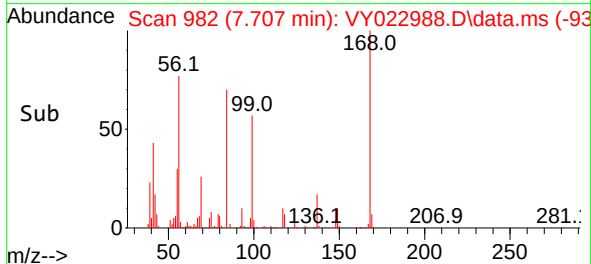
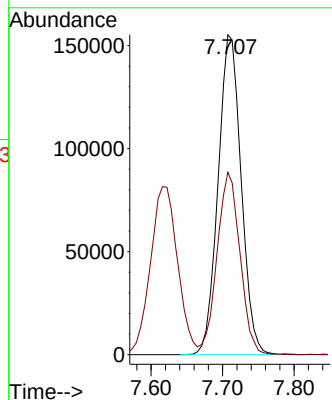
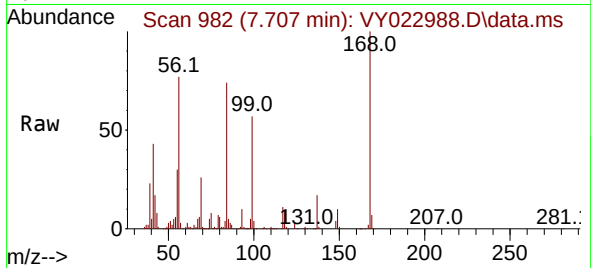




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022988.D
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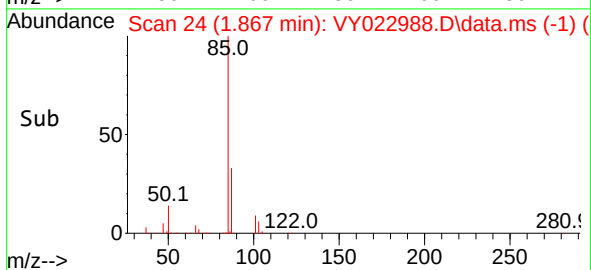
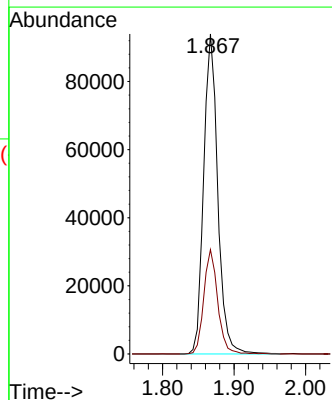
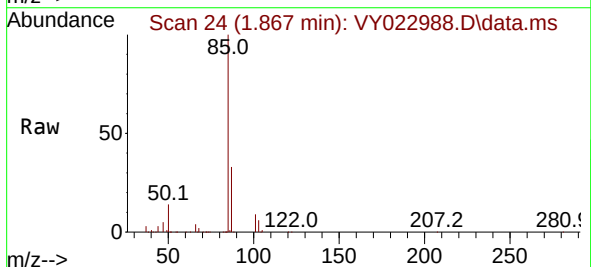
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

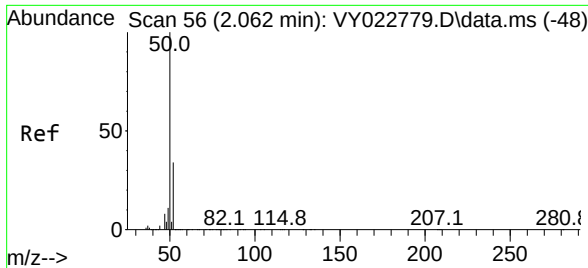
Tgt Ion:168 Resp: 347465
Ion Ratio Lower Upper
168 100
99 56.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.311 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 85 Resp: 128686
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.0

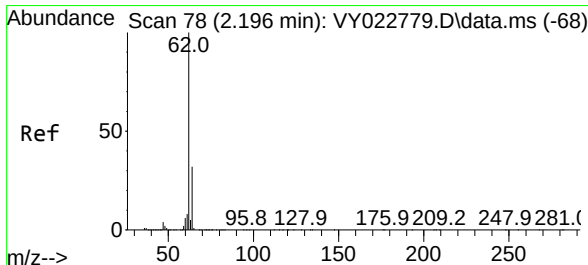
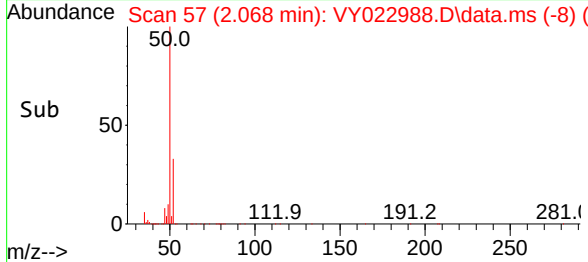
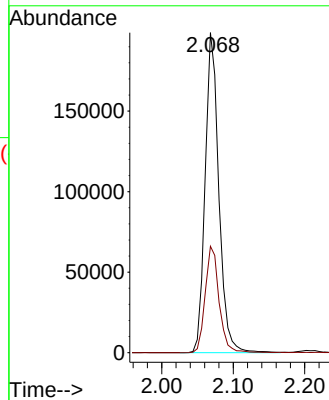
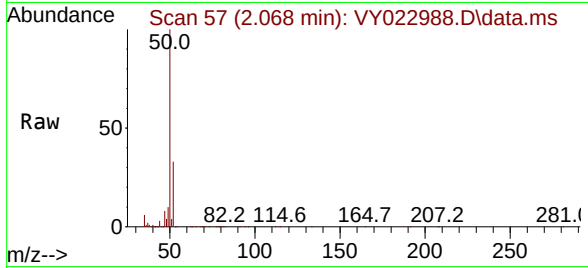




#3
Chloromethane
Concen: 46.634 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

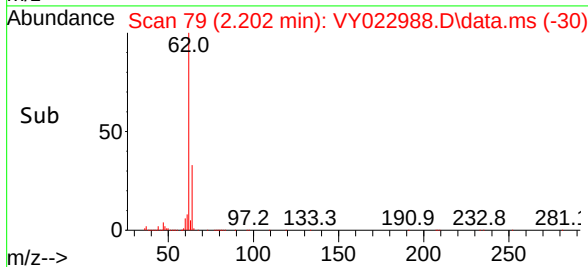
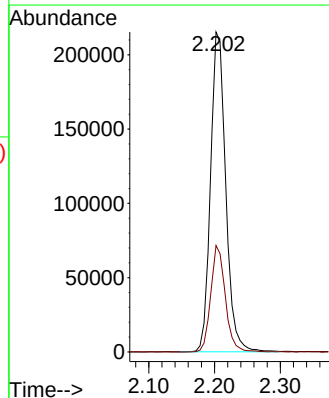
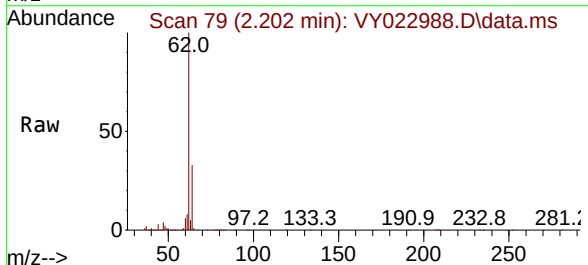
Instrument :
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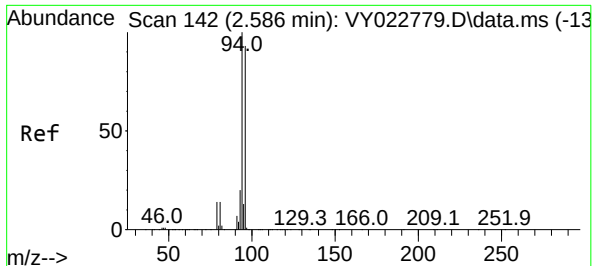
Tgt Ion: 50 Resp: 264580
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 48.865 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 62 Resp: 346362
Ion Ratio Lower Upper
62 100
64 33.2 25.3 37.9

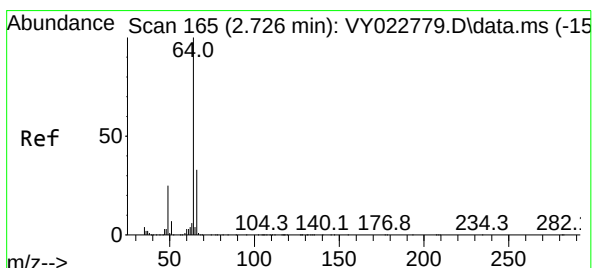
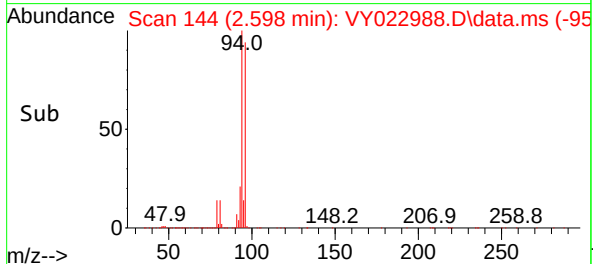
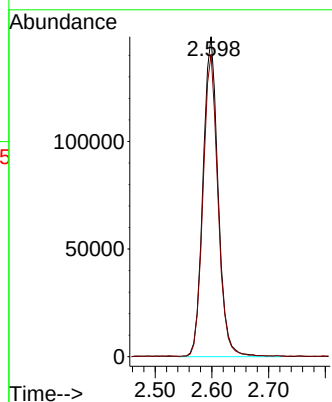
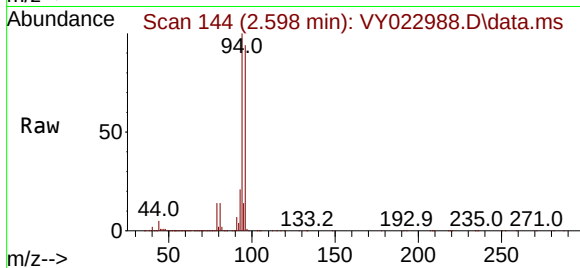




#5
Bromomethane
Concen: 49.310 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022988.D
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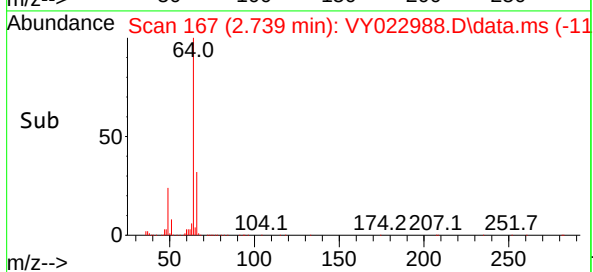
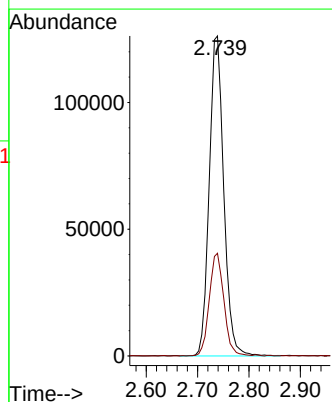
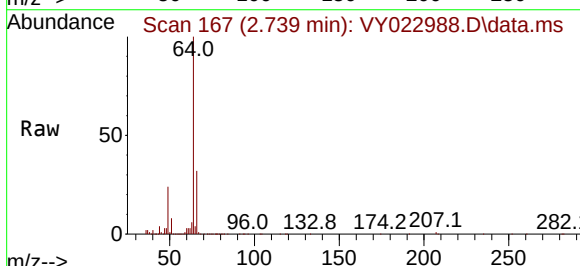
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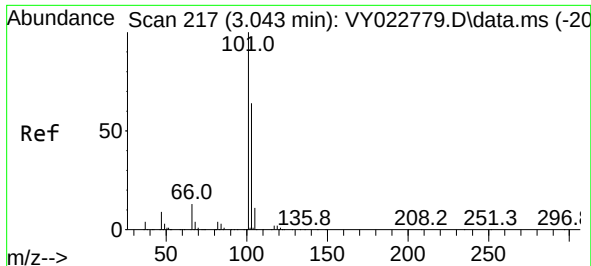
Tgt Ion: 94 Resp: 274778
Ion Ratio Lower Upper
94 100
96 94.3 74.0 111.0



#6
Chloroethane
Concen: 51.991 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 64 Resp: 247719
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.6

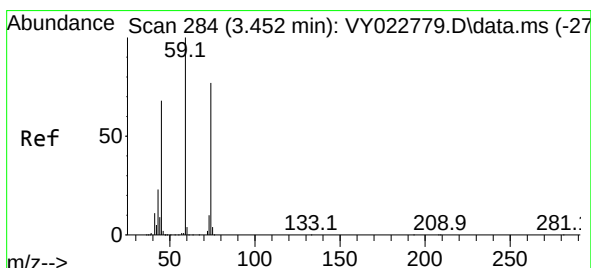
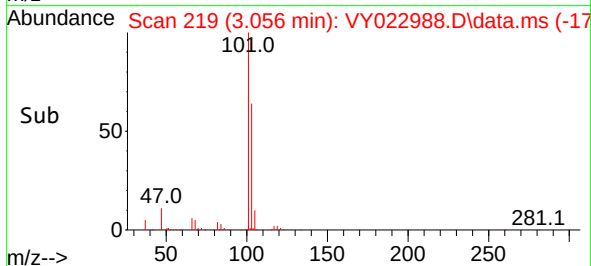
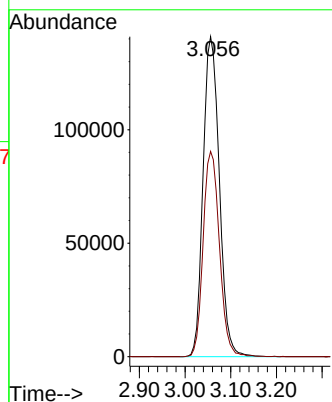
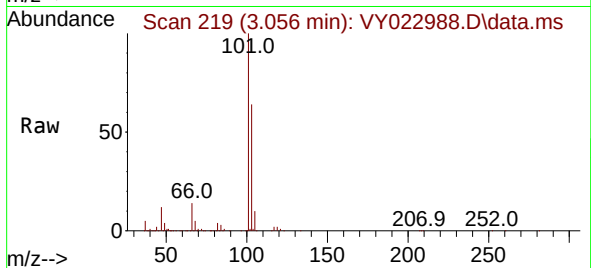




#7
Trichlorofluoromethane
Concen: 44.282 ug/l
RT: 3.056 min Scan# 217
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

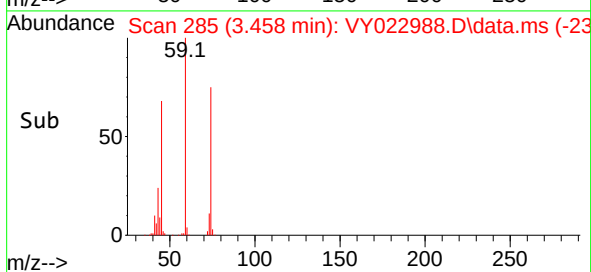
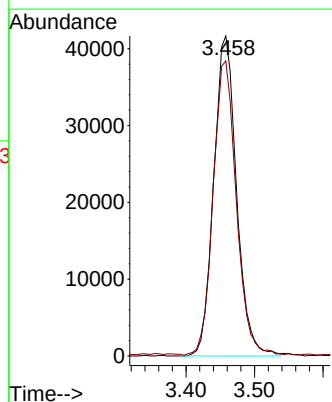
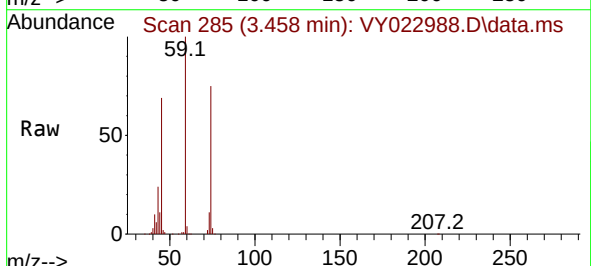
Instrument :
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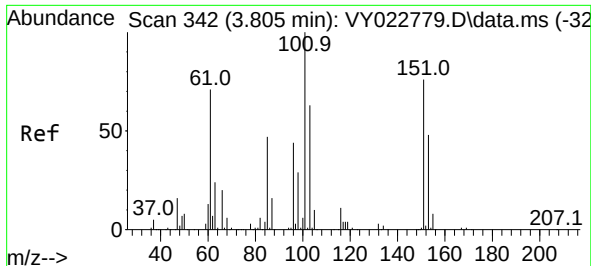
Tgt Ion:101 Resp: 347551
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2



#8
Diethyl Ether
Concen: 49.518 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022988.D
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Tgt Ion: 74 Resp: 95991
Ion Ratio Lower Upper
74 100
45 93.5 45.9 137.6

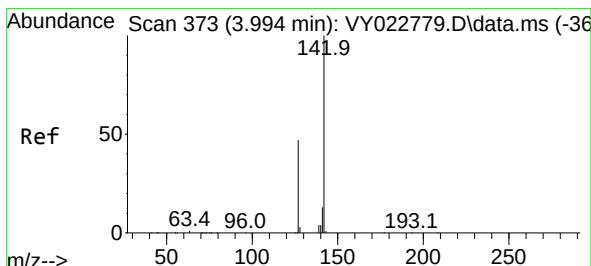
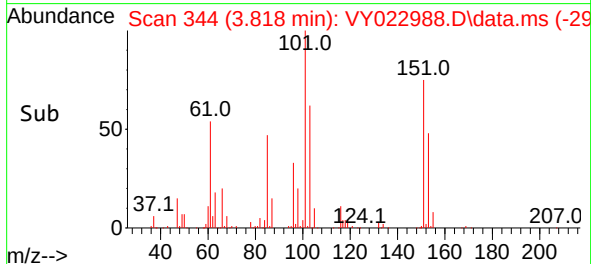
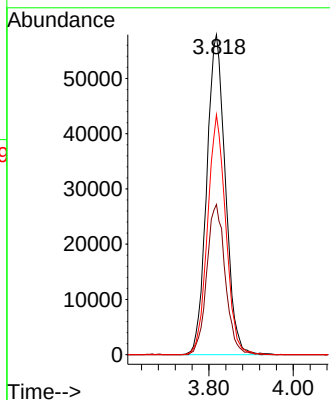
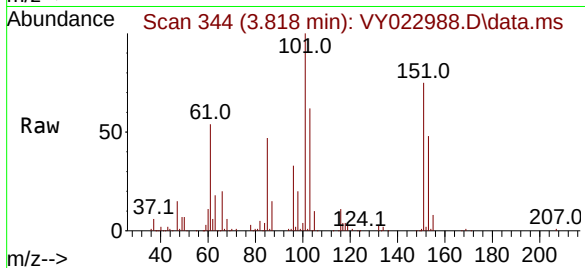




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.702 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

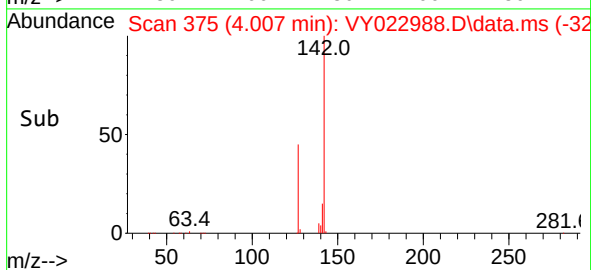
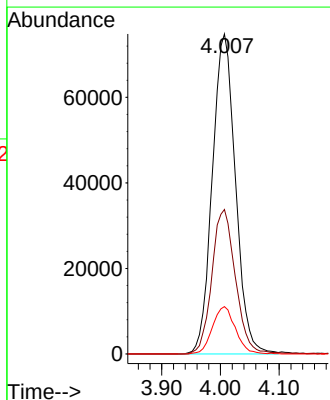
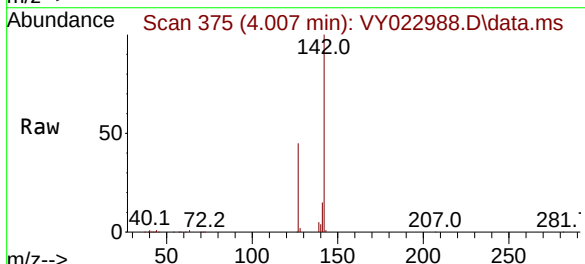
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

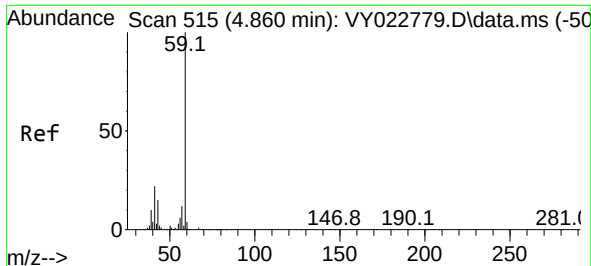
Tgt Ion:101 Resp: 178269
Ion Ratio Lower Upper
101 100
85 46.5 39.3 58.9
151 72.9 57.8 86.8



#10
Methyl Iodide
Concen: 52.573 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion:142 Resp: 205308
Ion Ratio Lower Upper
142 100
127 46.1 37.1 55.7
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 228.082 ug/l

RT: 4.872 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

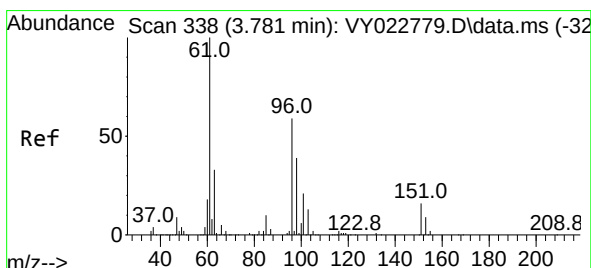
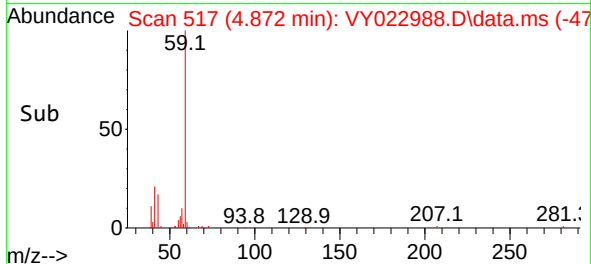
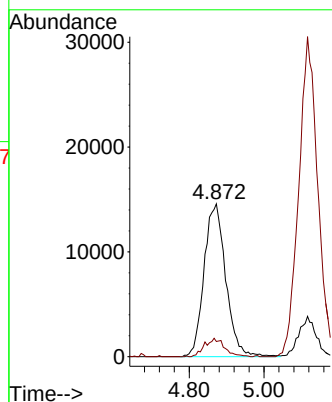
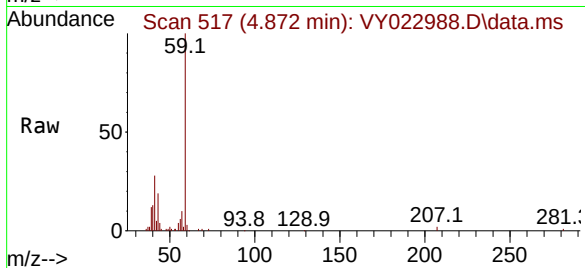
VSTDCCC050EC

Tgt Ion: 59 Resp: 58814

Ion Ratio Lower Upper

59 100

57 11.0 8.0 12.0



#12

1,1-Dichloroethene

Concen: 49.261 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

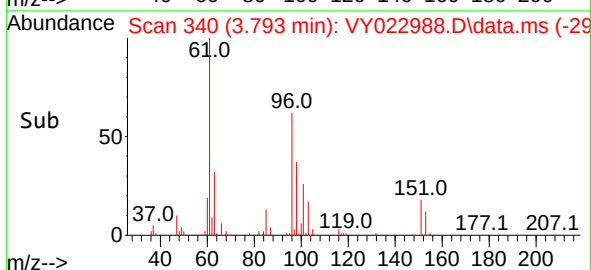
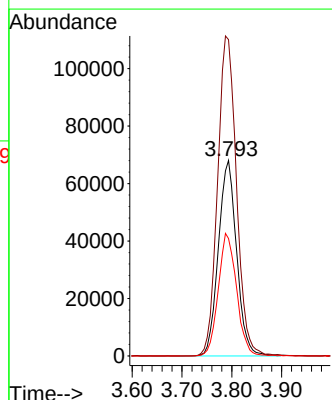
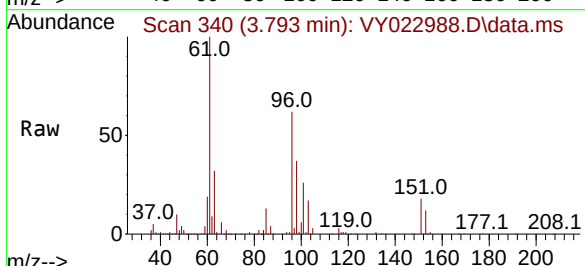
Tgt Ion: 96 Resp: 173253

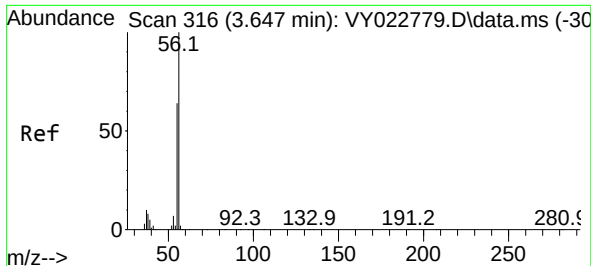
Ion Ratio Lower Upper

96 100

61 161.8 134.6 201.8

98 60.1 50.2 75.4

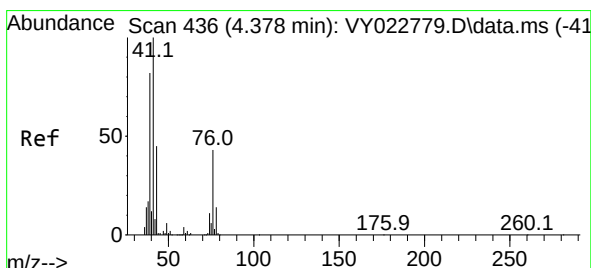
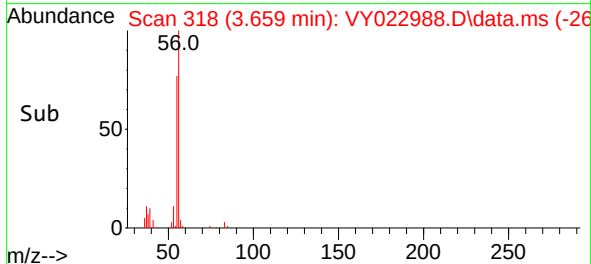
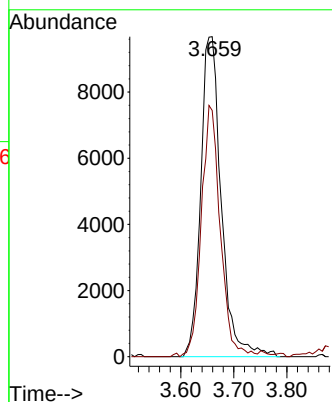
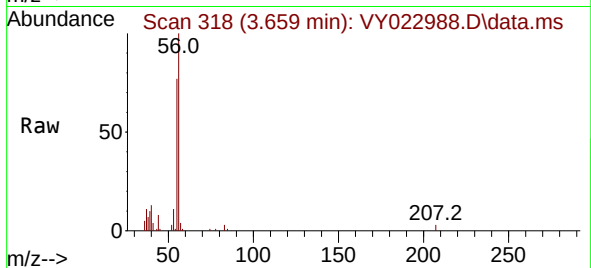




#13
Acrolein
Concen: 74.480 ug/l
RT: 3.659 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

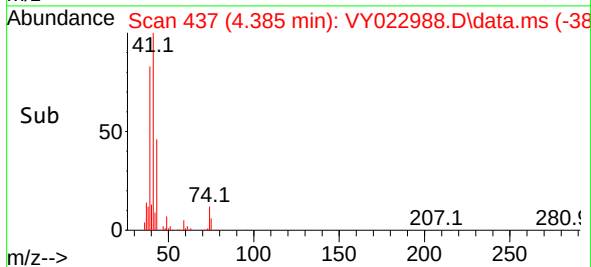
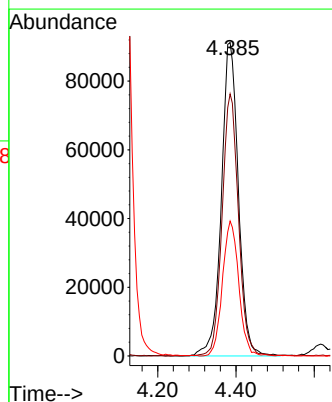
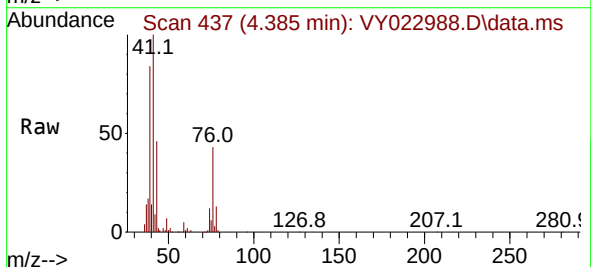
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

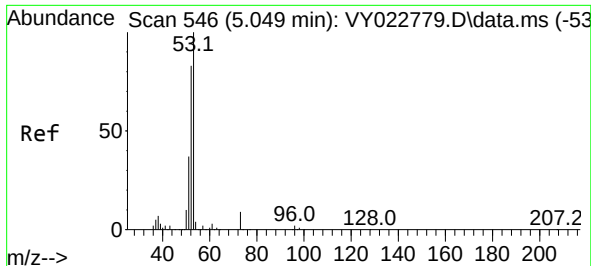
Tgt Ion: 56 Resp: 26043
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.6



#14
Allyl chloride
Concen: 51.013 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 41 Resp: 275962
Ion Ratio Lower Upper
41 100
39 80.5 69.1 103.7
76 41.3 33.5 50.3

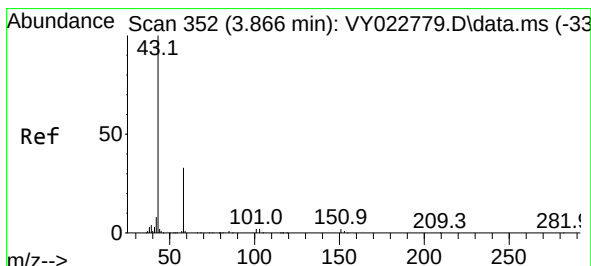
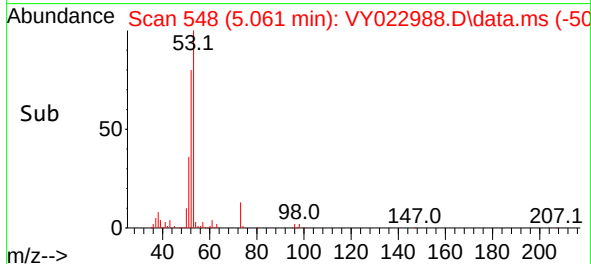
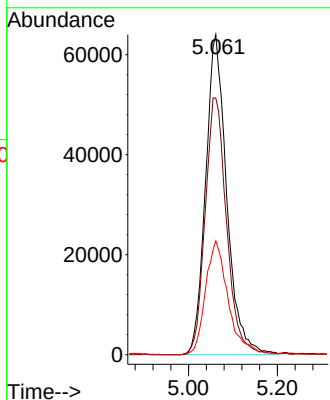
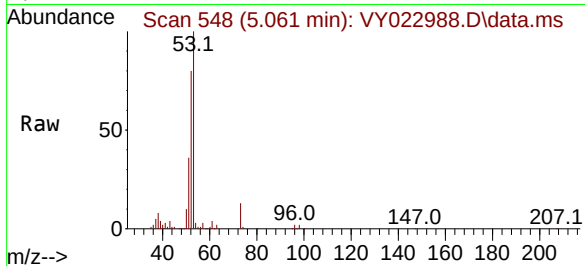




#15
Acrylonitrile
Concen: 261.497 ug/l
RT: 5.061 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

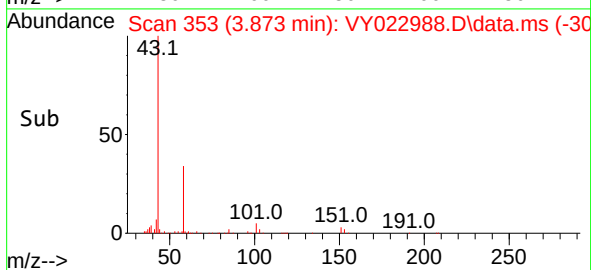
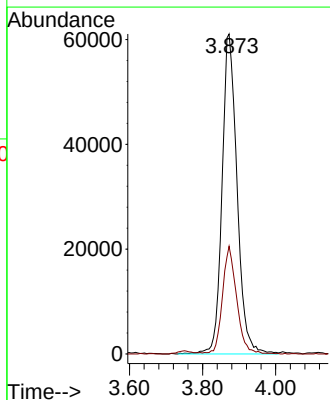
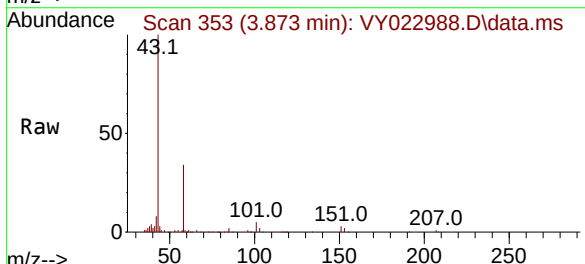
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

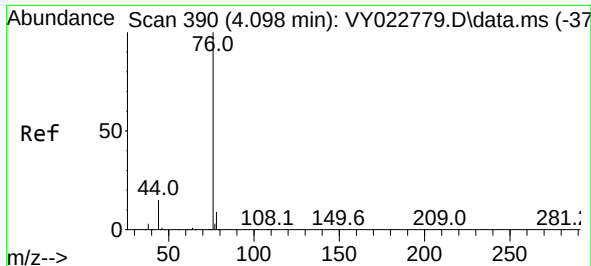
Tgt Ion: 53 Resp: 211497
Ion Ratio Lower Upper
53 100
52 81.7 65.7 98.5
51 38.3 30.1 45.1



#16
Acetone
Concen: 238.921 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 43 Resp: 175125
Ion Ratio Lower Upper
43 100
58 33.5 24.0 36.0

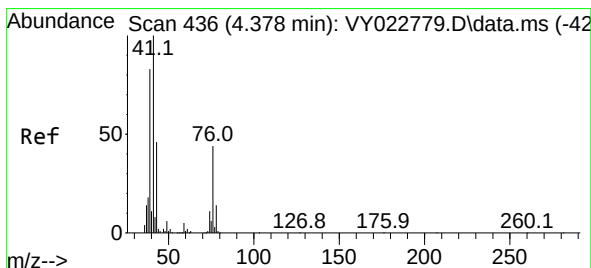
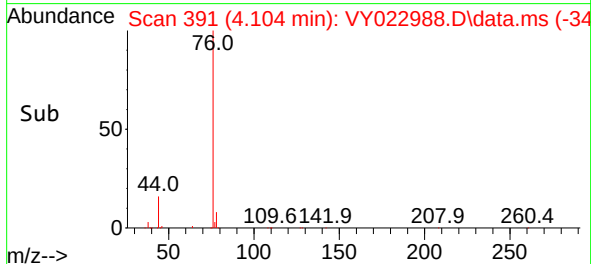
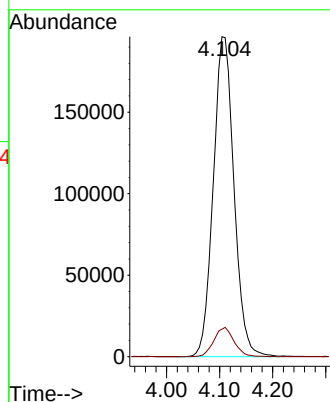
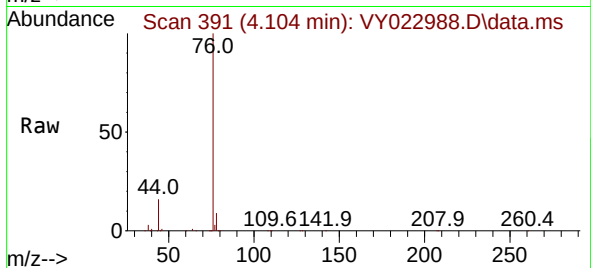




#17
Carbon Disulfide
Concen: 46.821 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

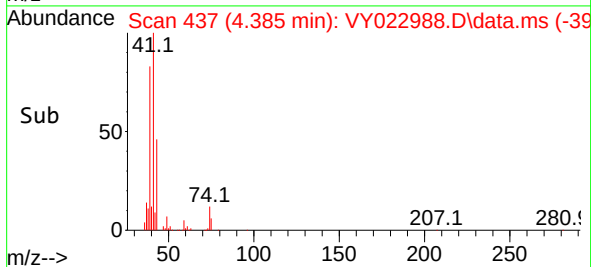
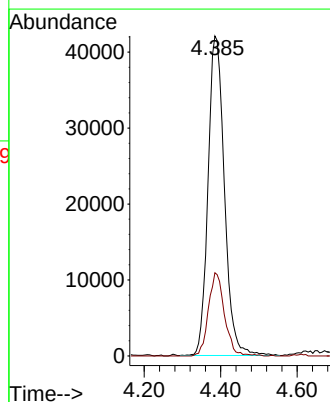
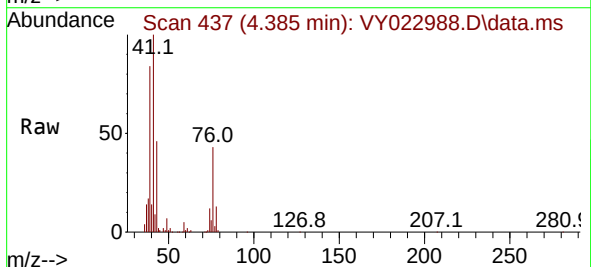
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

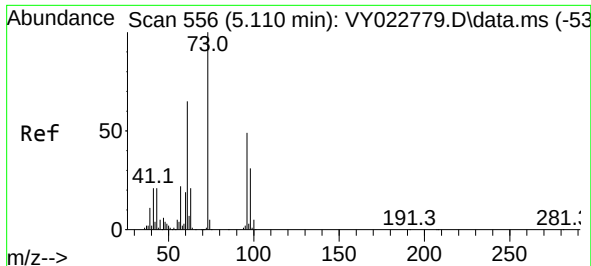
Tgt Ion: 76 Resp: 531971
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 51.495 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 43 Resp: 125000
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 50.531 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

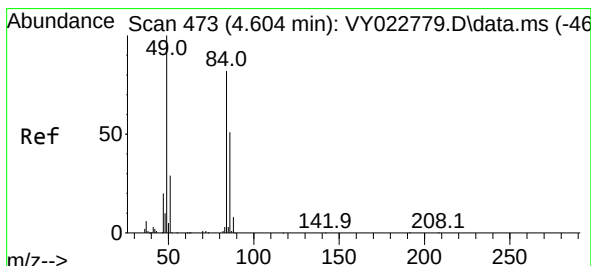
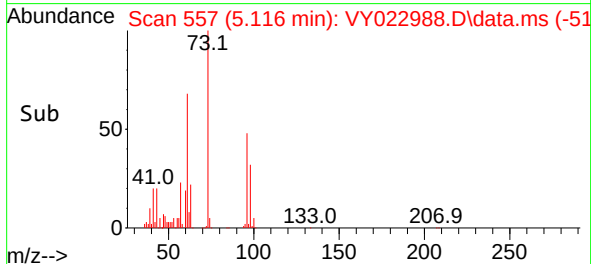
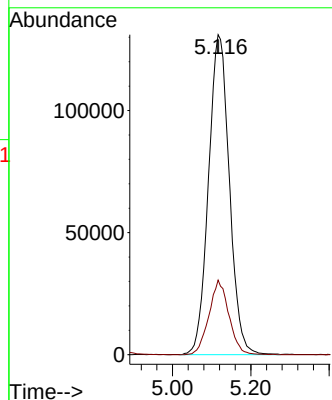
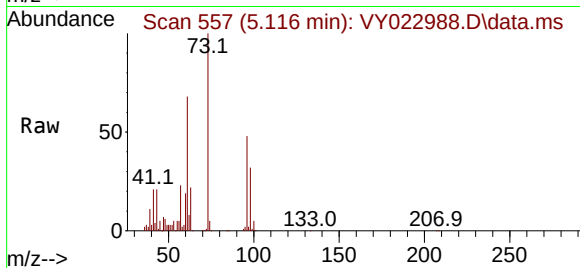
VSTDCCC050EC

Tgt Ion: 73 Resp: 483903

Ion Ratio Lower Upper

73 100

57 23.3 17.4 26.0



#20

Methylene Chloride

Concen: 60.393 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Tgt Ion: 84 Resp: 279556

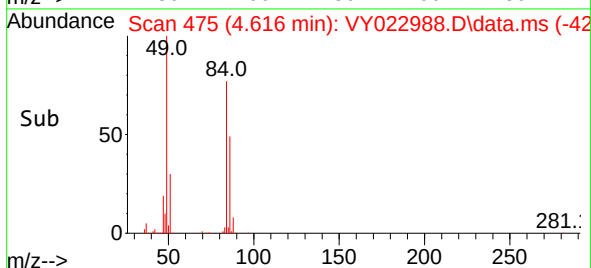
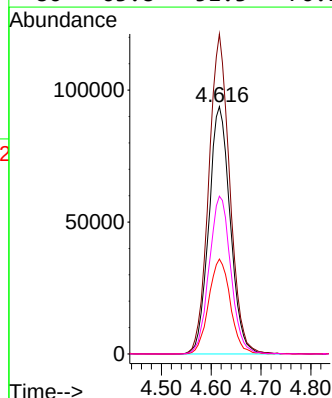
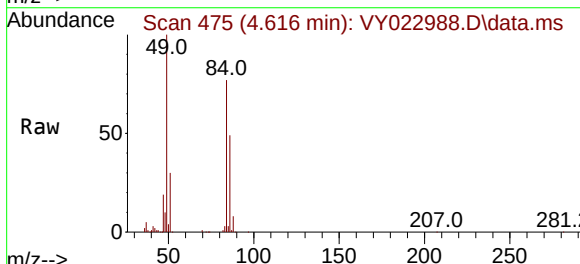
Ion Ratio Lower Upper

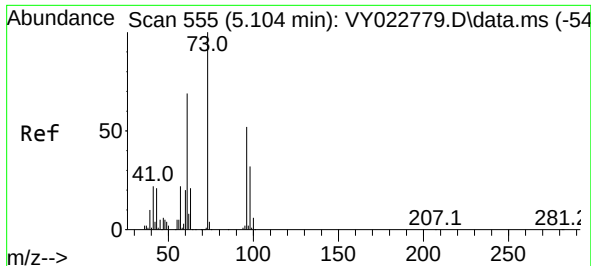
84 100

49 129.4 101.9 152.9

51 38.3 29.8 44.8

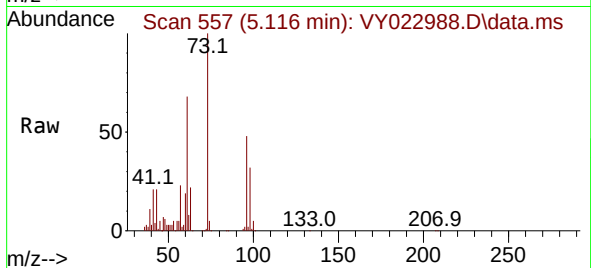
86 63.8 51.3 76.9



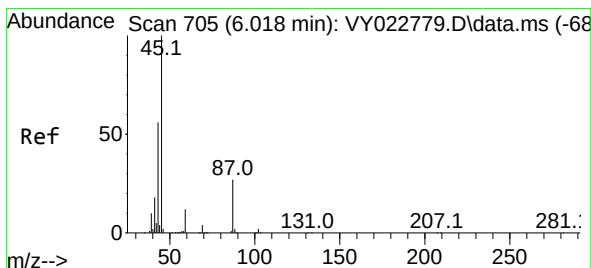
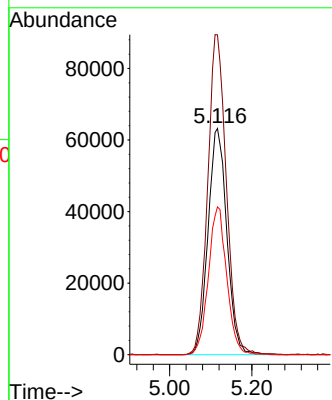
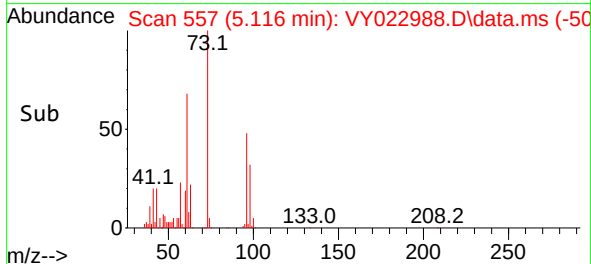


#21
trans-1,2-Dichloroethene
Concen: 49.916 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

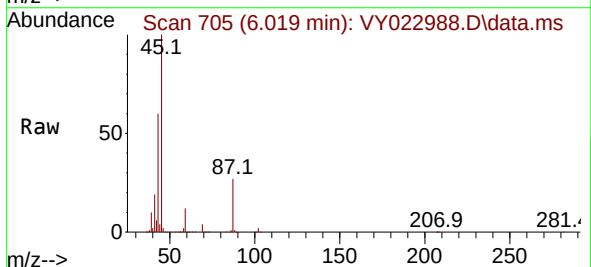
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



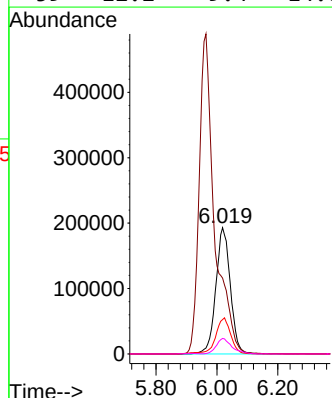
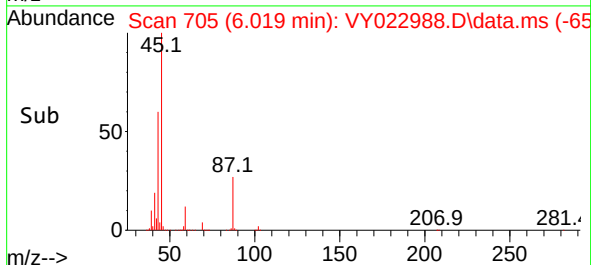
Tgt Ion: 96 Resp: 200640
Ion Ratio Lower Upper
96 100
61 141.3 112.6 169.0
98 65.3 50.6 75.8

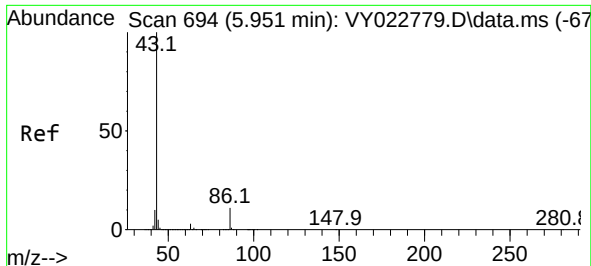


#22
Diisopropyl ether
Concen: 52.935 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07



Tgt Ion: 45 Resp: 635945
Ion Ratio Lower Upper
45 100
43 60.0 48.3 72.5
87 27.3 23.0 34.6
59 12.2 9.4 14.0

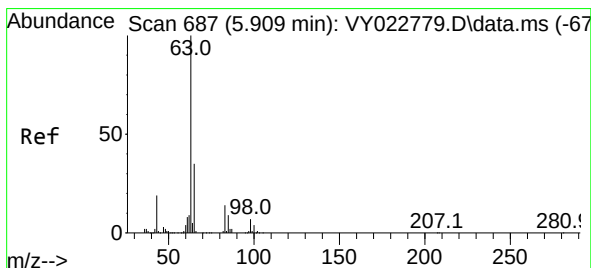
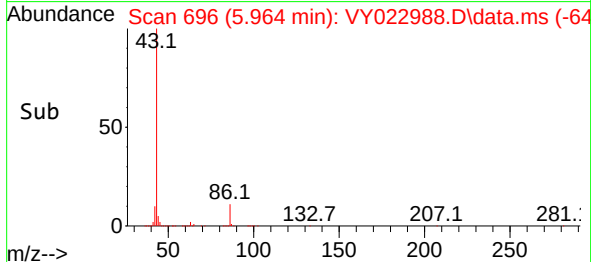
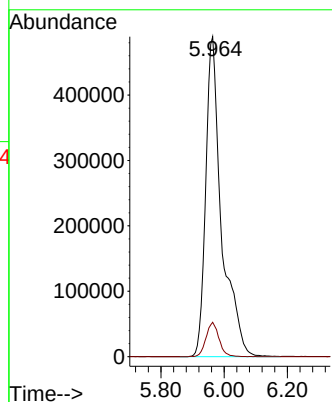
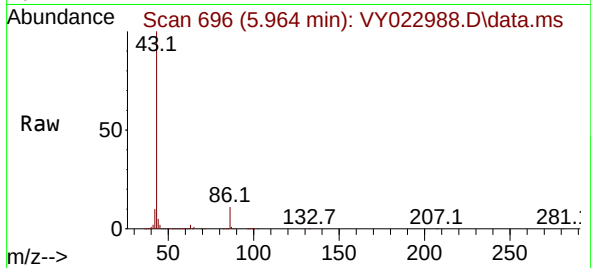




#23
 Vinyl Acetate
 Concen: 256.963 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

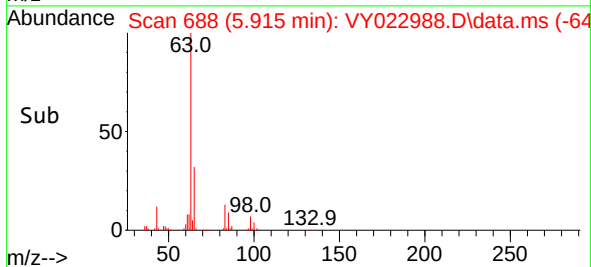
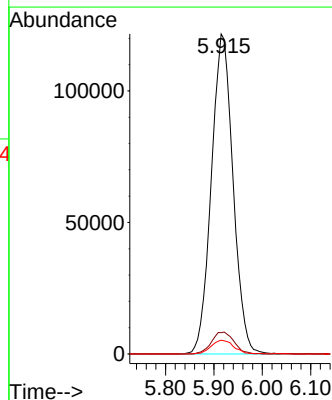
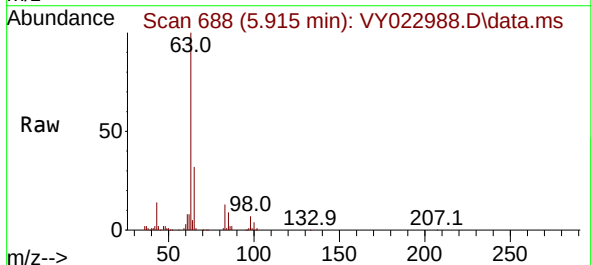
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

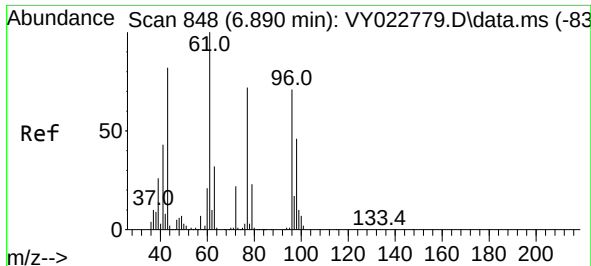
Tgt Ion: 43 Resp: 1704946
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.270 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

Tgt Ion: 63 Resp: 379300
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.3 2.1 6.3

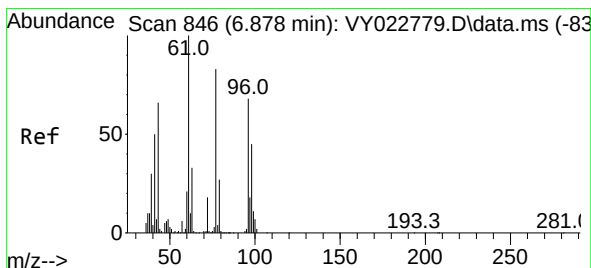
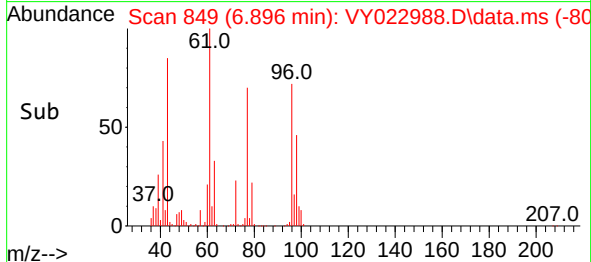
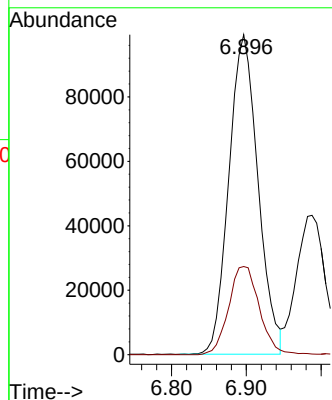
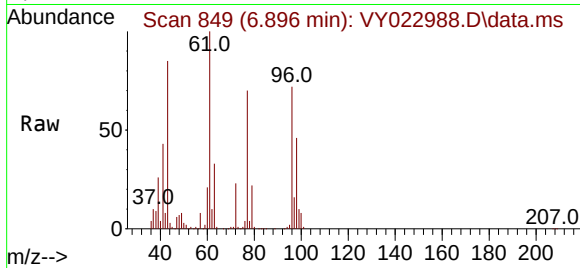




#25
2-Butanone
Concen: 252.078 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

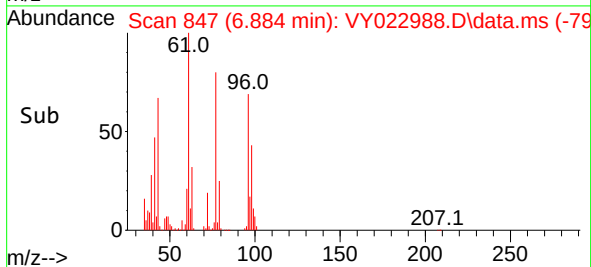
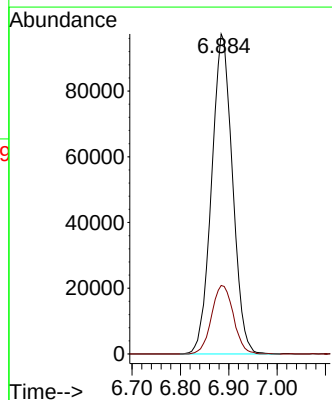
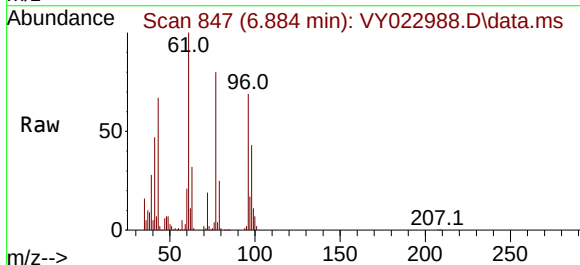
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

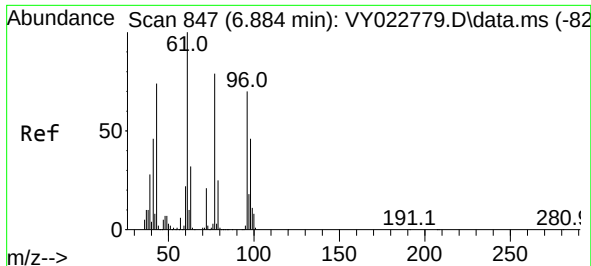
Tgt Ion: 43 Resp: 268917
Ion Ratio Lower Upper
43 100
72 27.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 48.018 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 77 Resp: 292085
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.721 ug/l

RT: 6.890 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

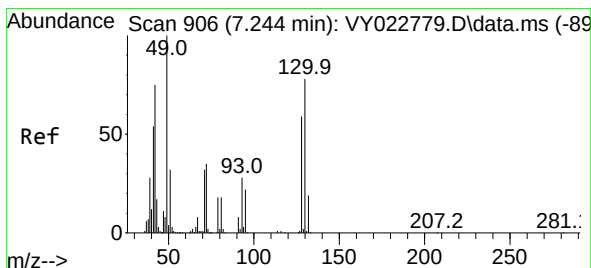
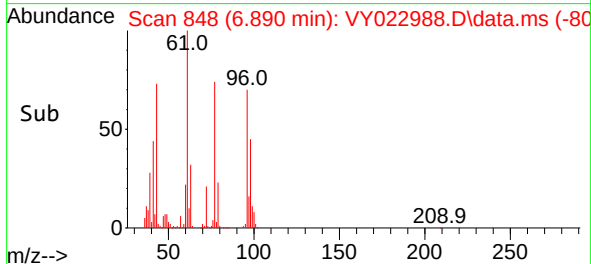
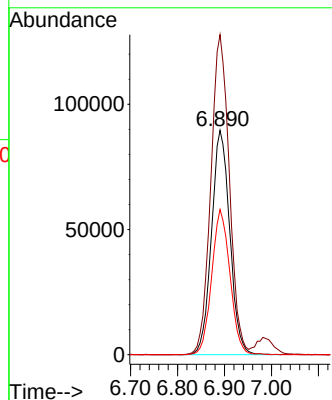
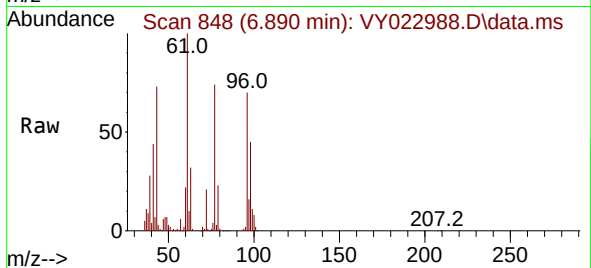
Tgt Ion: 96 Resp: 241575

Ion Ratio Lower Upper

96 100

61 144.4 0.0 290.0

98 64.7 0.0 128.4



#28

Bromochloromethane

Concen: 53.372 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

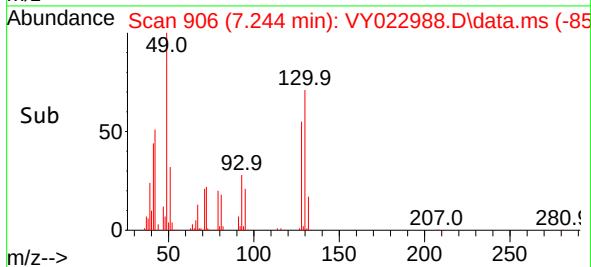
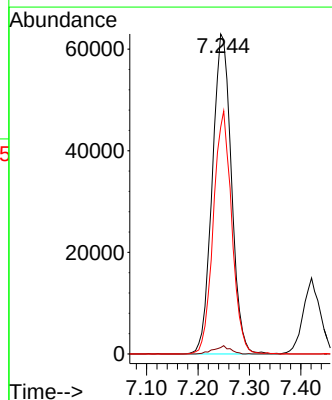
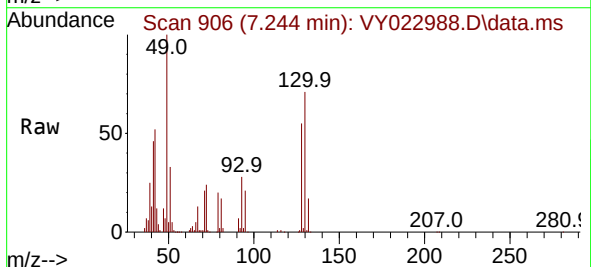
Tgt Ion: 49 Resp: 162824

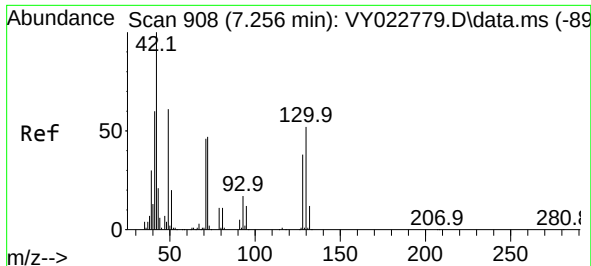
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 72.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 259.973 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

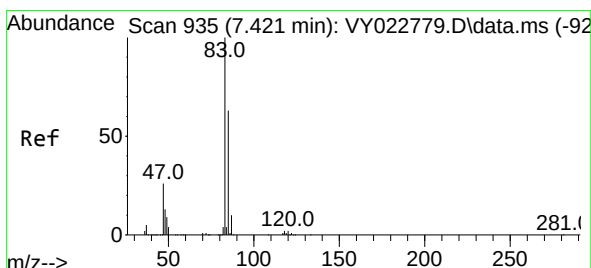
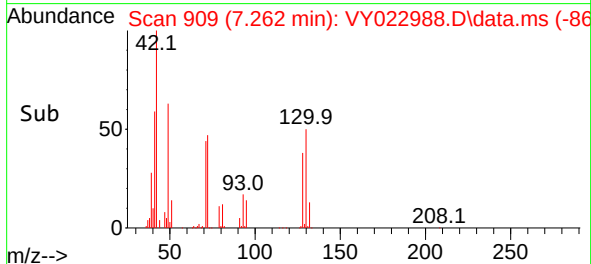
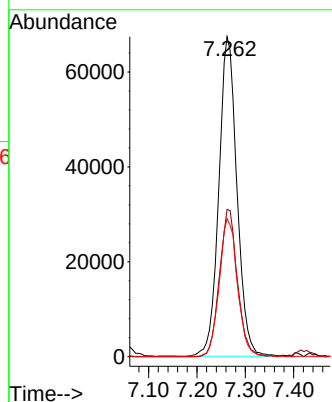
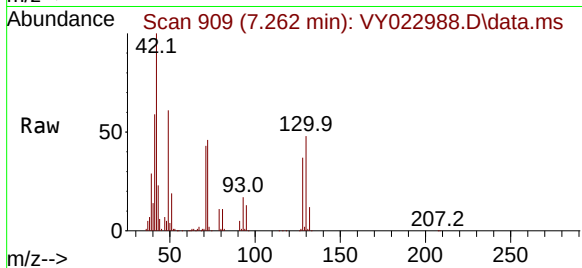
Tgt Ion: 42 Resp: 175125

Ion Ratio Lower Upper

42 100

72 45.7 37.4 56.2

71 43.4 34.2 51.2



#30

Chloroform

Concen: 52.106 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022988.D

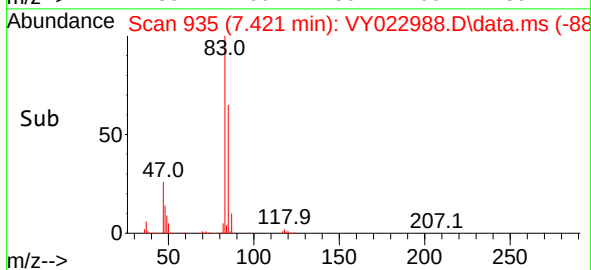
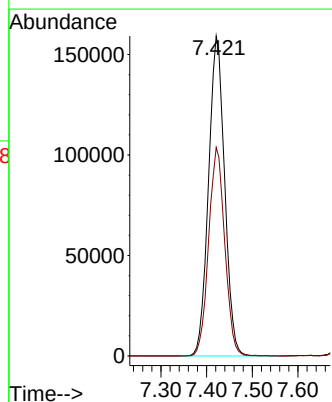
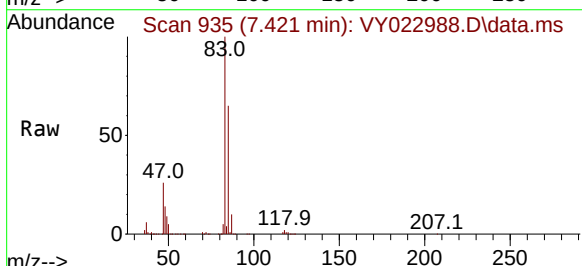
Acq: 08 Jul 2025 20:07

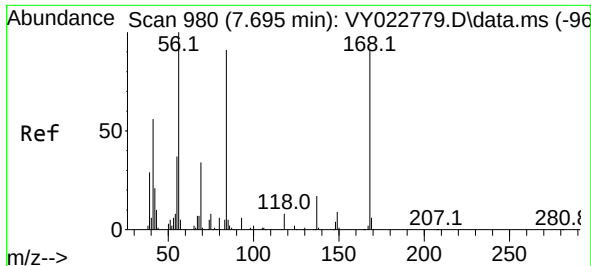
Tgt Ion: 83 Resp: 389438

Ion Ratio Lower Upper

83 100

85 65.1 54.2 81.4

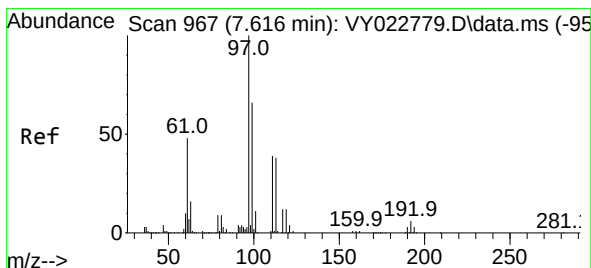
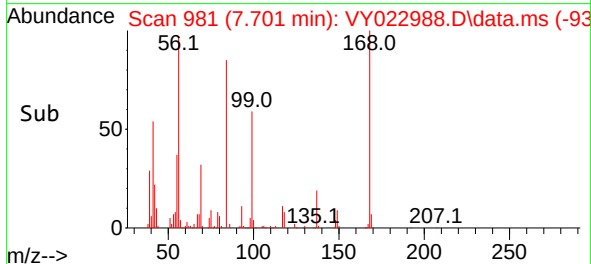
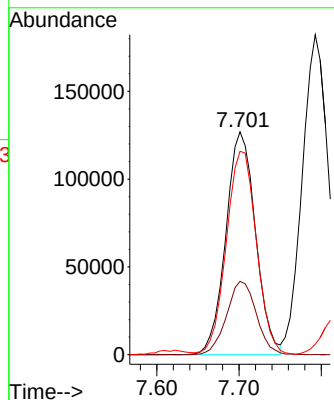
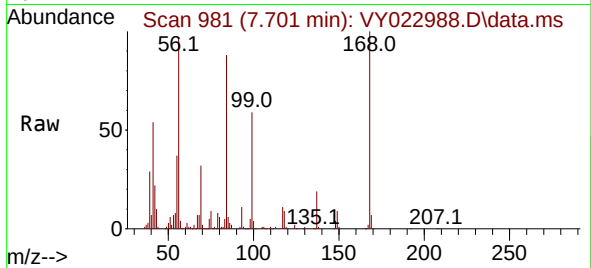




#31
Cyclohexane
Concen: 47.829 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

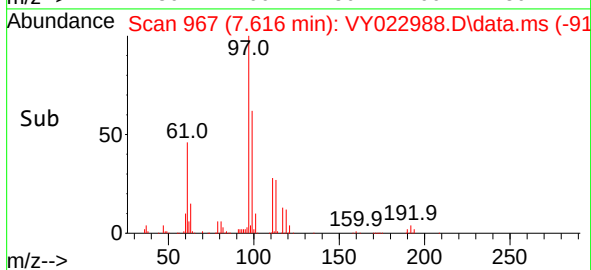
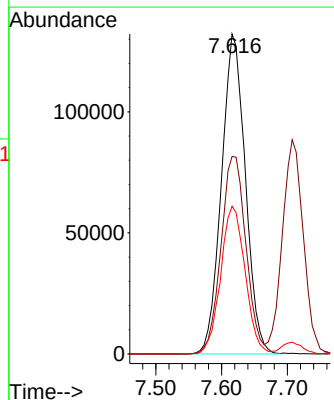
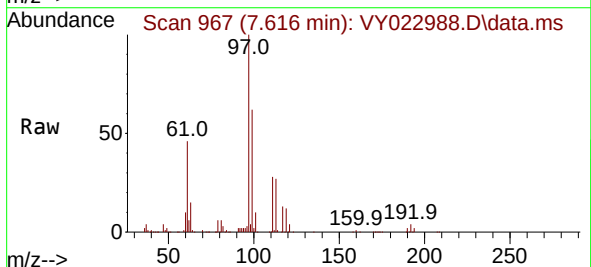
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

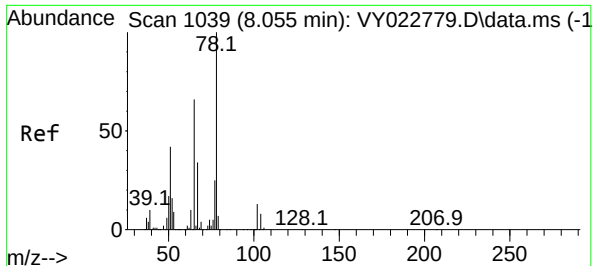
Tgt Ion: 56 Resp: 318590
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.6
84 89.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.724 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 97 Resp: 334074
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 47.3 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.738 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

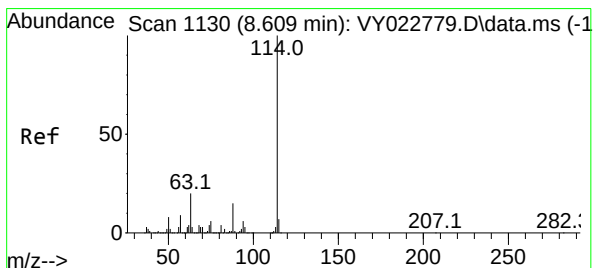
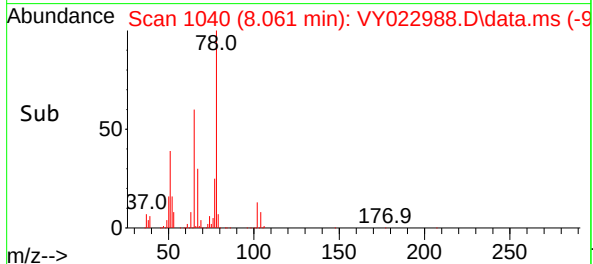
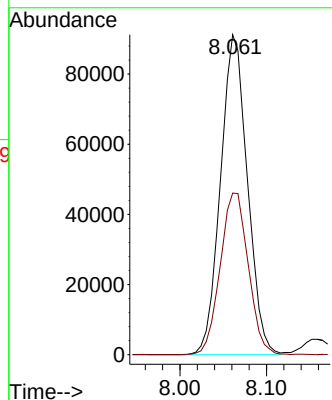
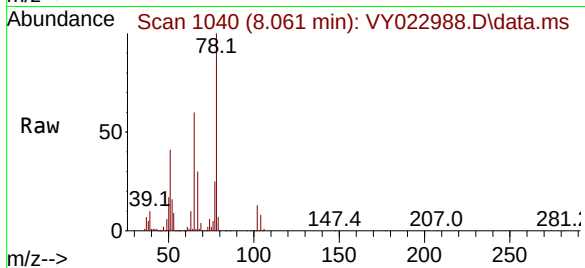
VSTDCCC050EC

Tgt Ion: 65 Resp: 196766

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

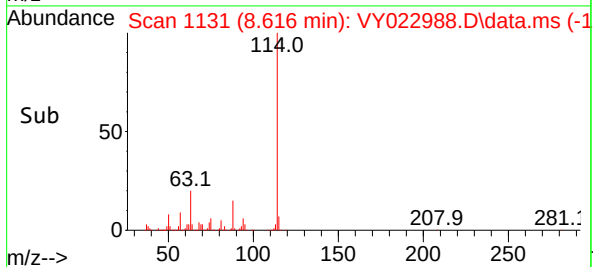
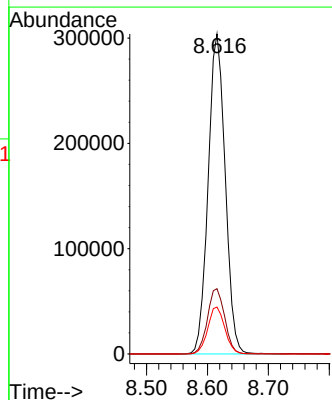
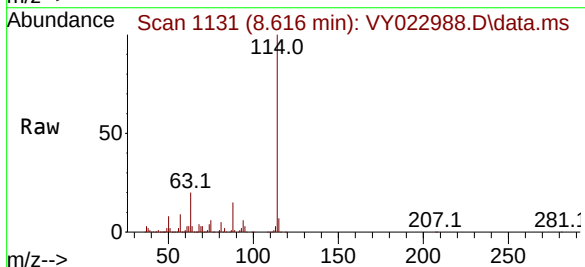
Tgt Ion: 114 Resp: 590503

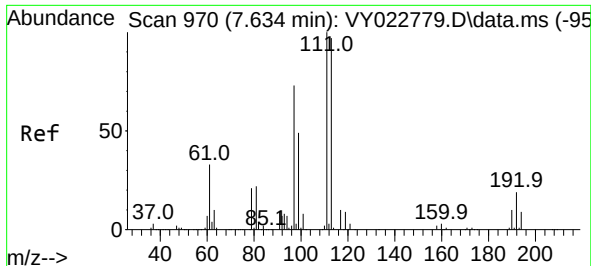
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 14.7 0.0 27.8

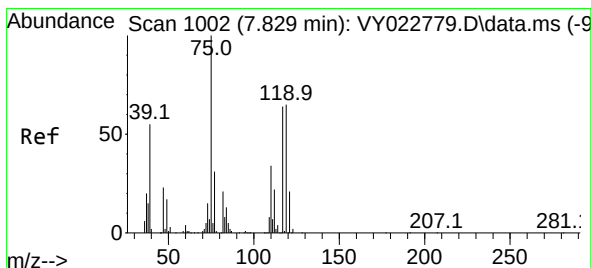
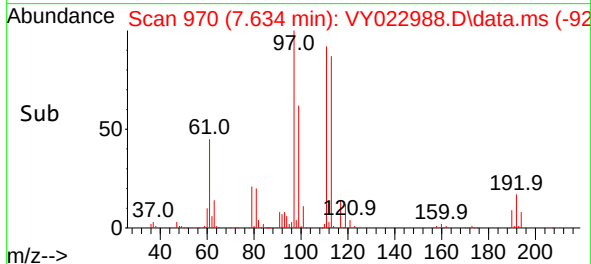
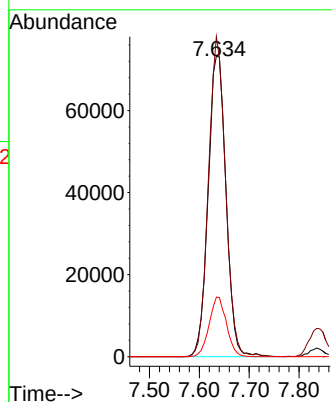
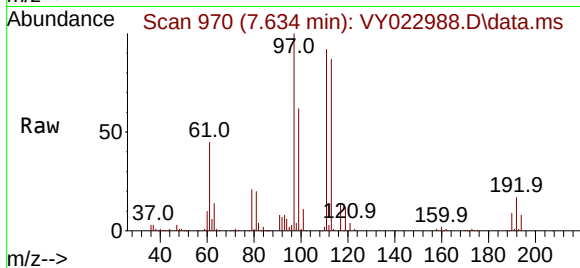




#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

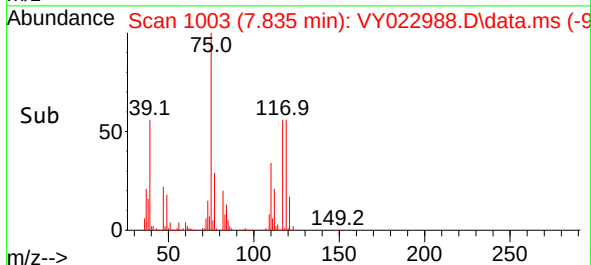
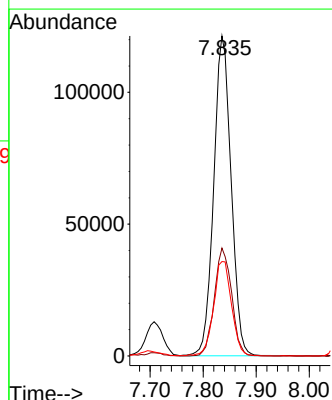
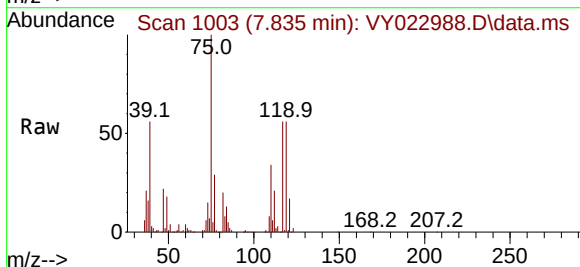
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

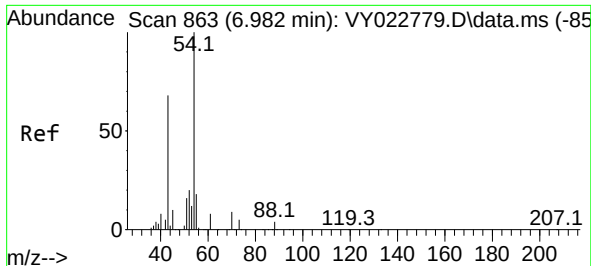
Tgt Ion:113 Resp: 182706
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 19.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 50.902 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 75 Resp: 277076
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.7
77 30.5 24.8 37.2





#37

Ethyl Acetate

Concen: 51.362 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

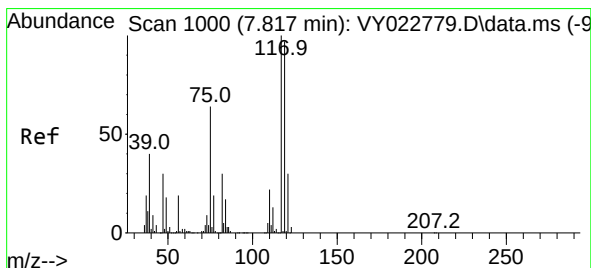
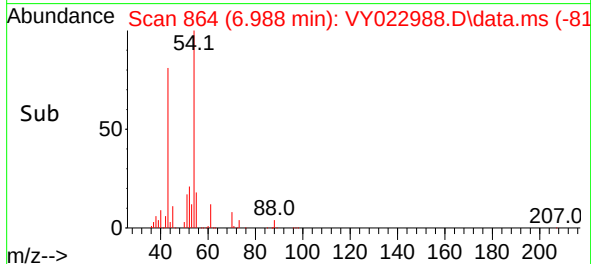
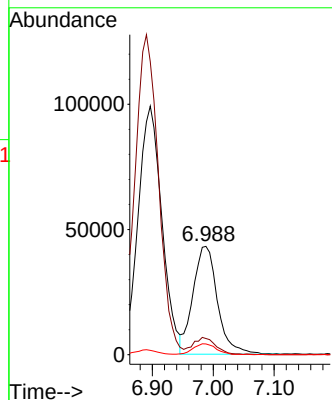
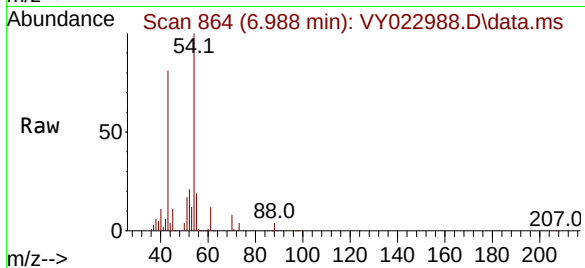
Tgt Ion: 43 Resp: 120644

Ion Ratio Lower Upper

43 100

61 15.2 11.5 17.3

70 9.4 7.2 10.8



#38

Carbon Tetrachloride

Concen: 49.962 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

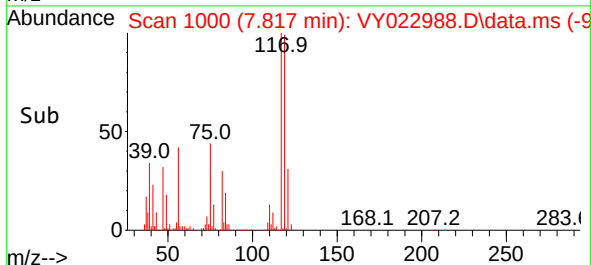
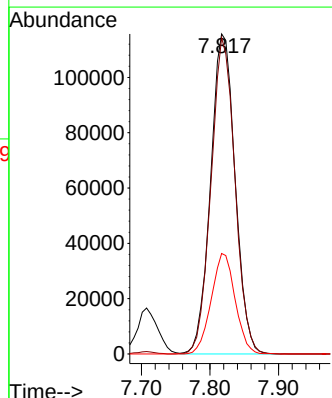
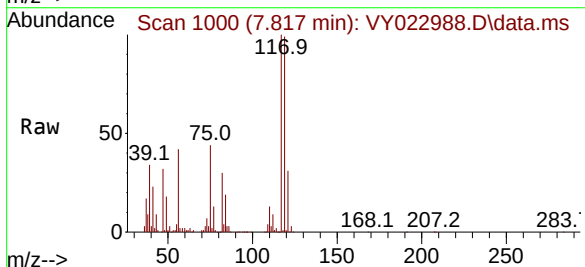
Tgt Ion: 117 Resp: 286952

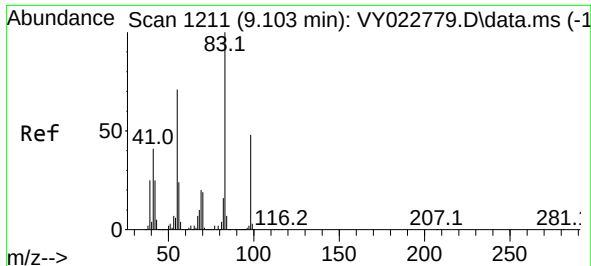
Ion Ratio Lower Upper

117 100

119 98.8 75.0 112.6

121 31.4 25.0 37.4





#39

Methylcyclohexane

Concen: 49.786 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

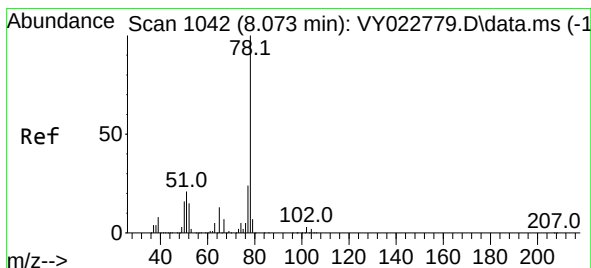
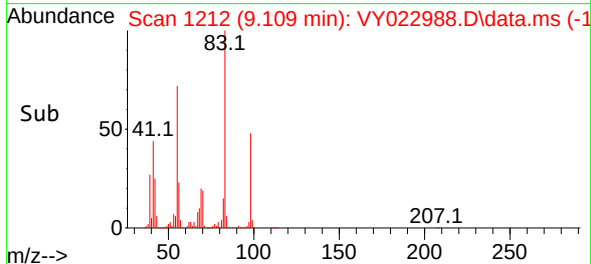
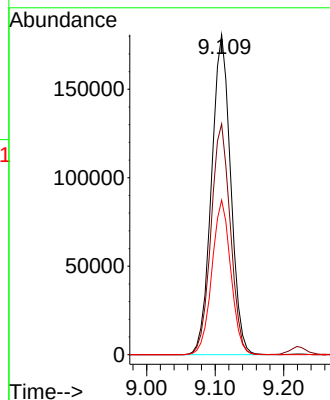
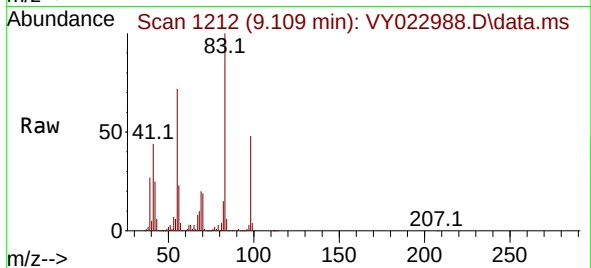
Tgt Ion: 83 Resp: 350704

Ion Ratio Lower Upper

83 100

55 72.1 58.1 87.1

98 48.3 39.0 58.6



#40

Benzene

Concen: 51.984 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022988.D

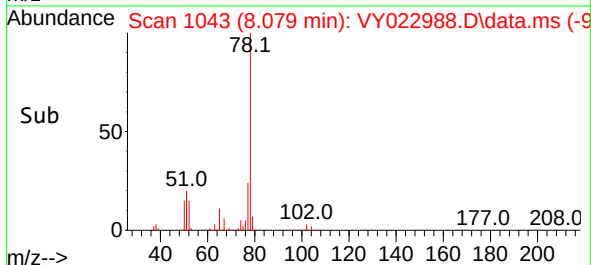
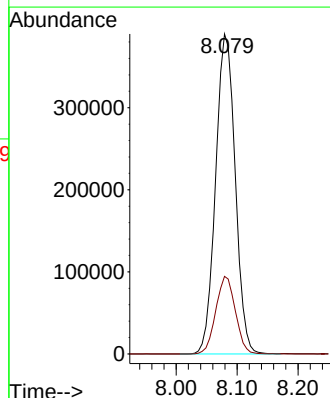
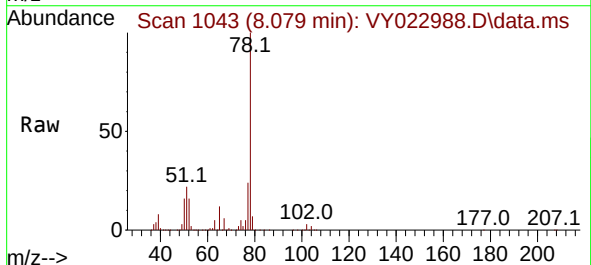
Acq: 08 Jul 2025 20:07

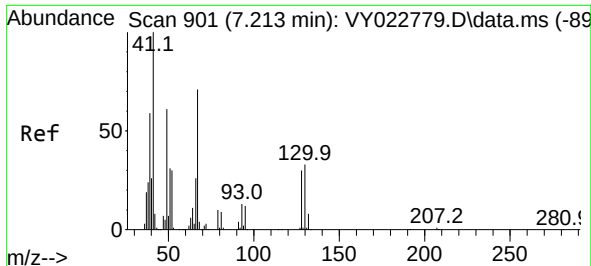
Tgt Ion: 78 Resp: 869983

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9

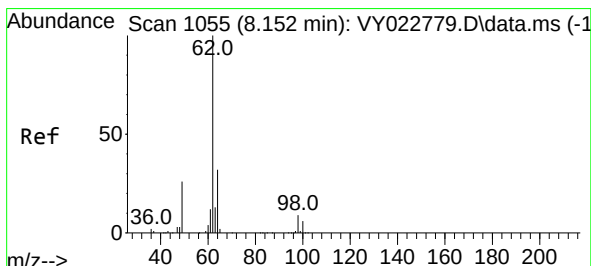
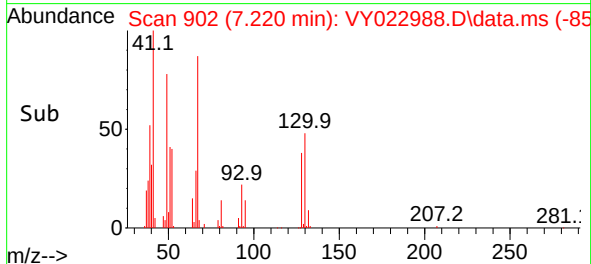
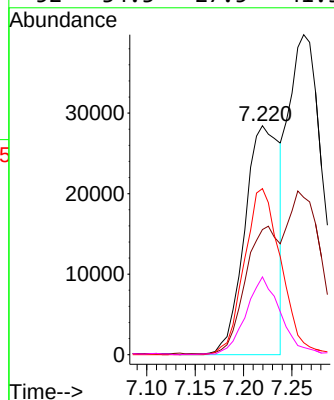
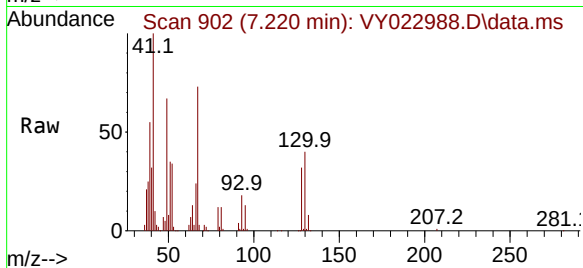




#41
Methacrylonitrile
Concen: 49.284 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

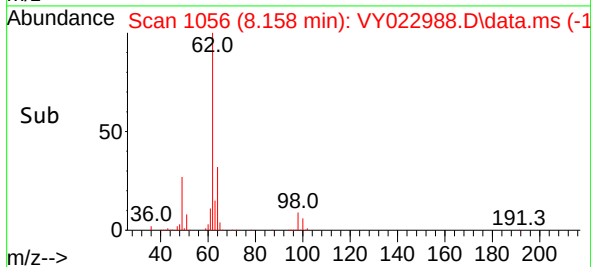
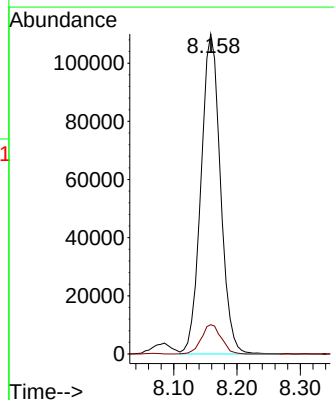
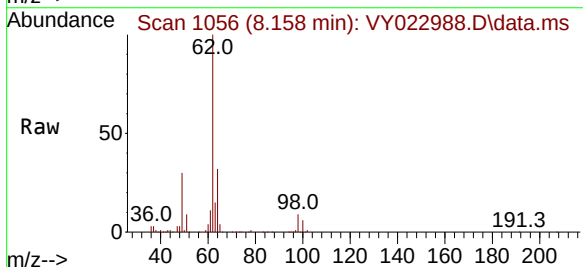
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

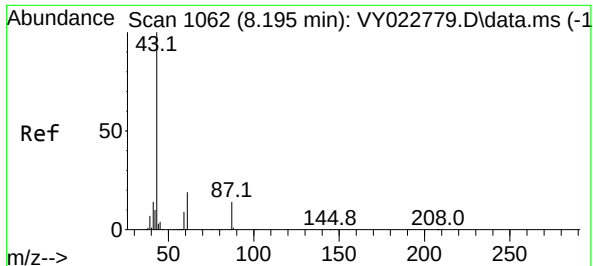
Tgt Ion:	41	Resp:	71266
Ion	Ratio	Lower	Upper
41	100		
39	54.3	46.6	69.8
67	77.3	63.3	94.9
52	34.3	27.5	41.3



#42
1,2-Dichloroethane
Concen: 51.386 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion:	62	Resp:	235657
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 51.229 ug/l

RT: 8.195 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

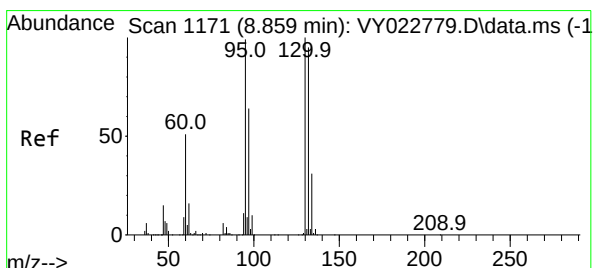
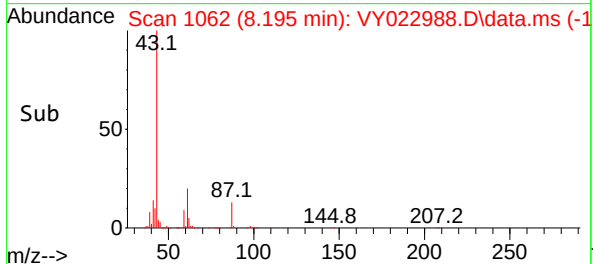
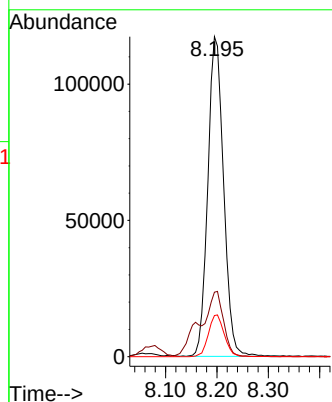
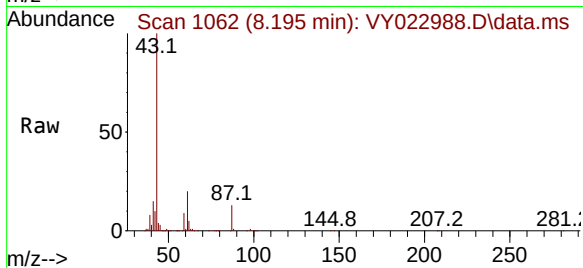
Tgt Ion: 43 Resp: 250096

Ion Ratio Lower Upper

43 100

61 20.4 15.6 23.4

87 13.1 10.2 15.4



#44

Trichloroethene

Concen: 50.543 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022988.D

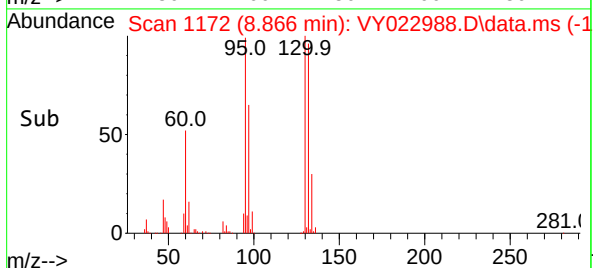
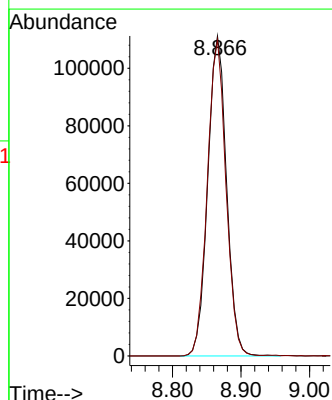
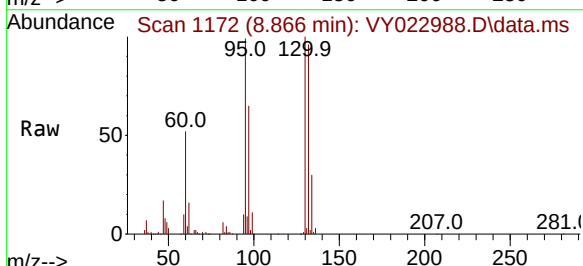
Acq: 08 Jul 2025 20:07

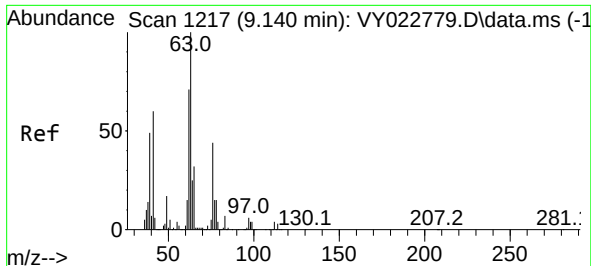
Tgt Ion:130 Resp: 212375

Ion Ratio Lower Upper

130 100

95 98.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 52.770 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

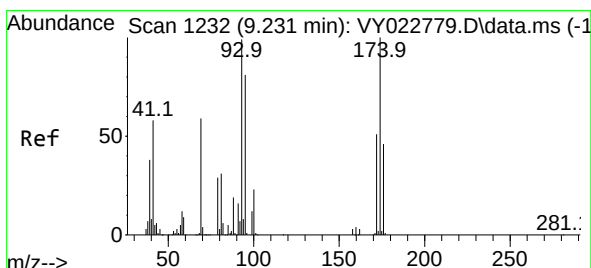
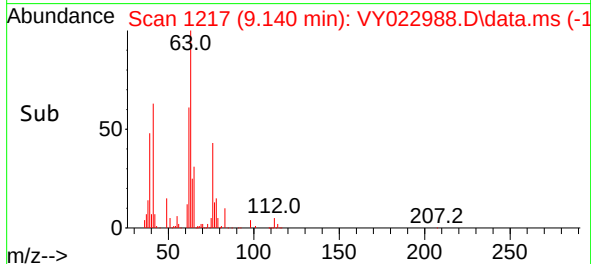
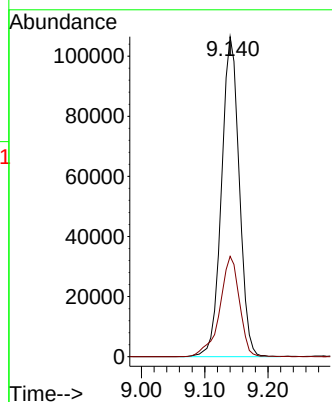
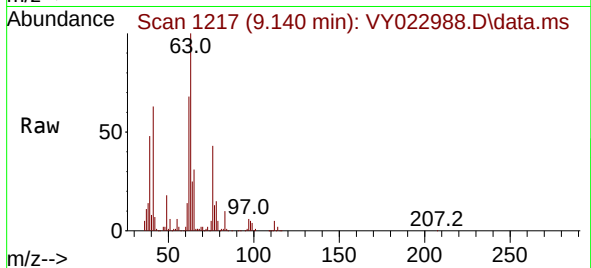
VSTDCCC050EC

Tgt Ion: 63 Resp: 206693

Ion Ratio Lower Upper

63 100

65 31.3 24.0 36.0



#46

Dibromomethane

Concen: 51.084 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

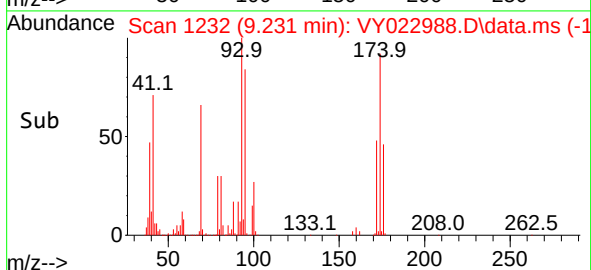
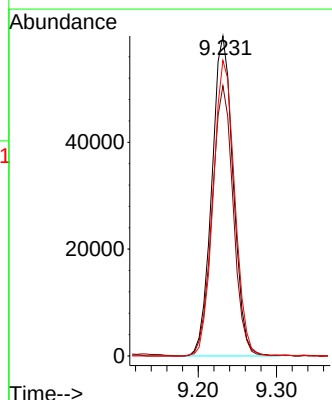
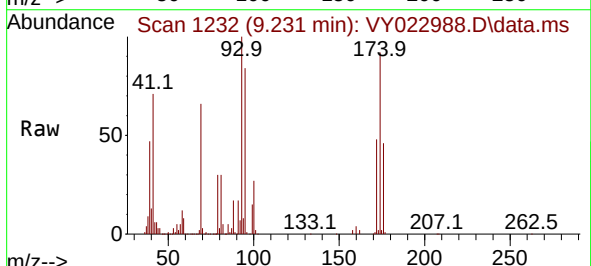
Tgt Ion: 93 Resp: 113586

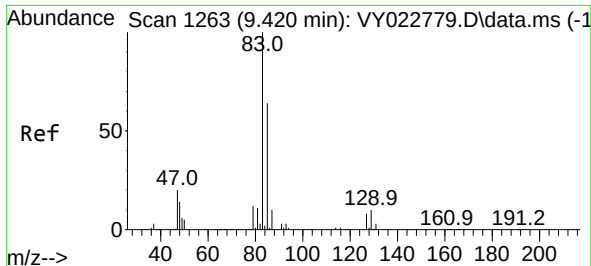
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 93.0 70.4 105.6

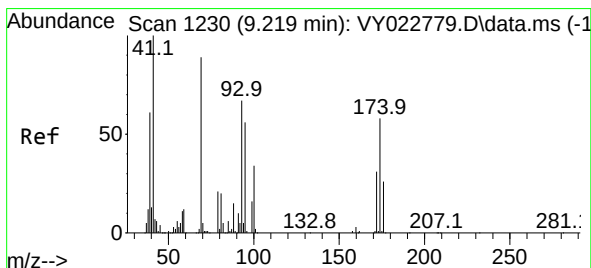
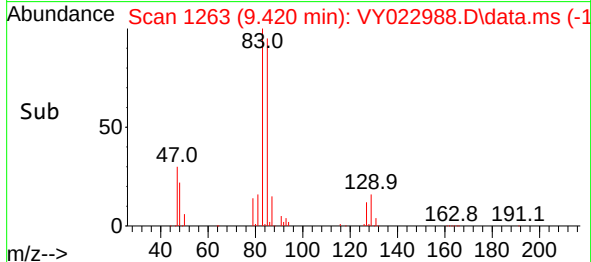
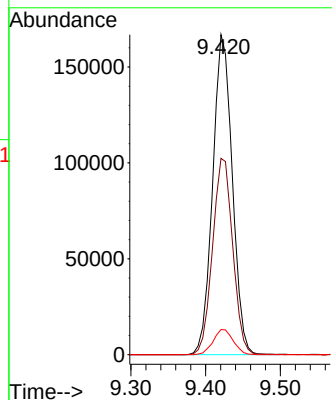
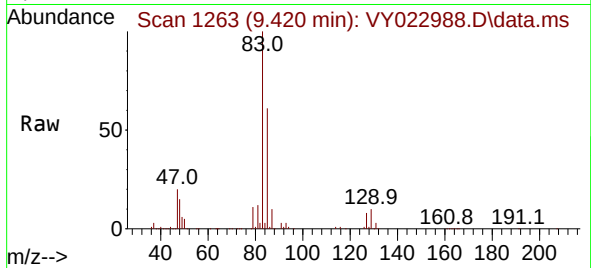




#47
Bromodichloromethane
Concen: 53.054 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

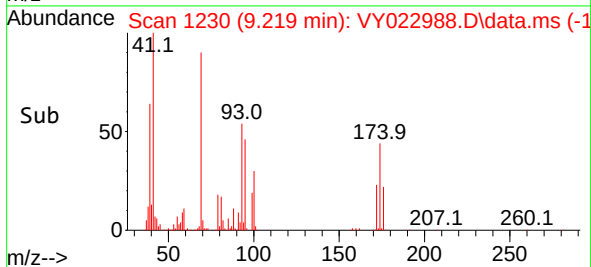
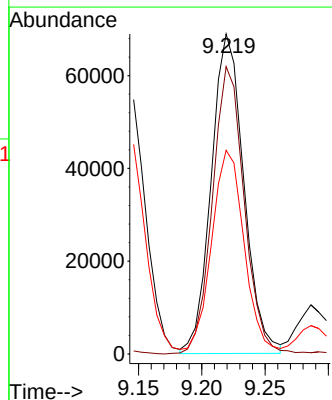
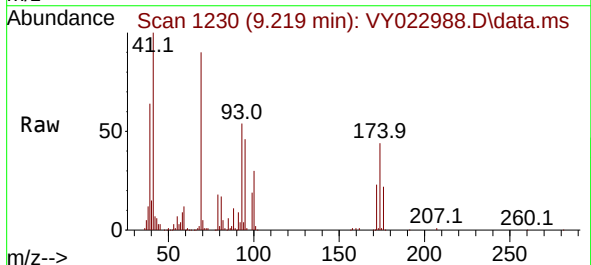
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

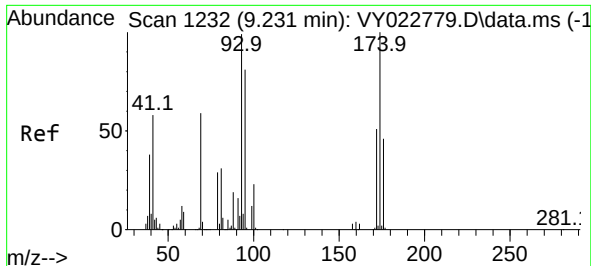
Tgt Ion: 83 Resp: 304198
Ion Ratio Lower Upper
83 100
85 61.3 49.1 73.7
127 7.9 6.2 9.4



#48
Methyl methacrylate
Concen: 52.597 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 41 Resp: 123439
Ion Ratio Lower Upper
41 100
69 87.7 67.8 101.8
39 60.9 55.0 82.4





#49

1,4-Dioxane

Concen: 926.195 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

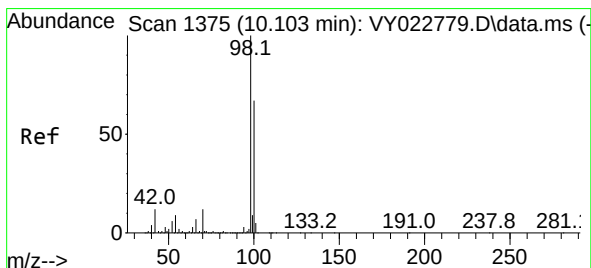
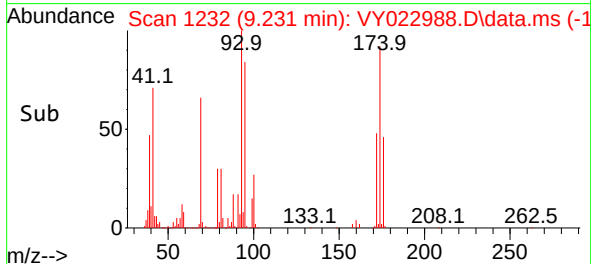
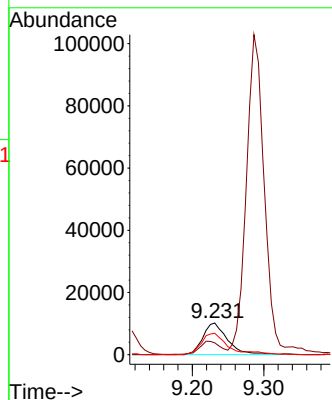
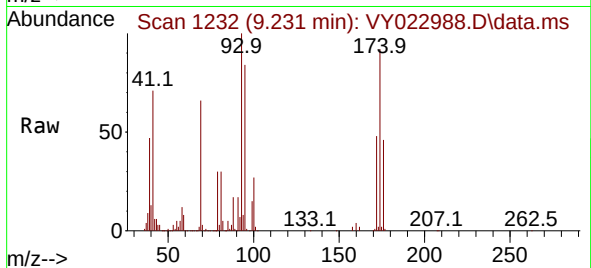
Tgt Ion: 88 Resp: 24331

Ion Ratio Lower Upper

88 100

43 34.9 25.4 38.2

58 67.0 54.9 82.3



#50

Toluene-d8

Concen: 50.760 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022988.D

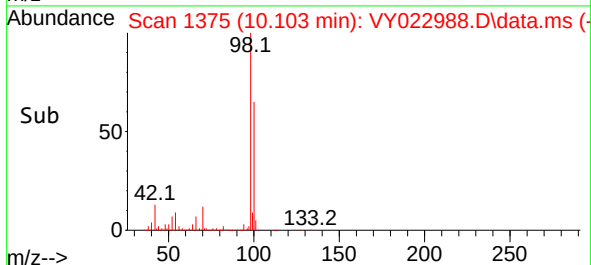
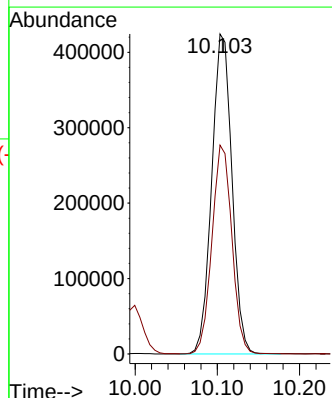
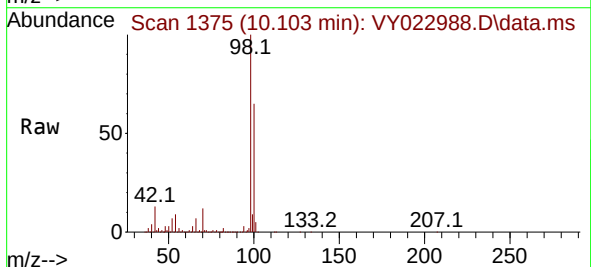
Acq: 08 Jul 2025 20:07

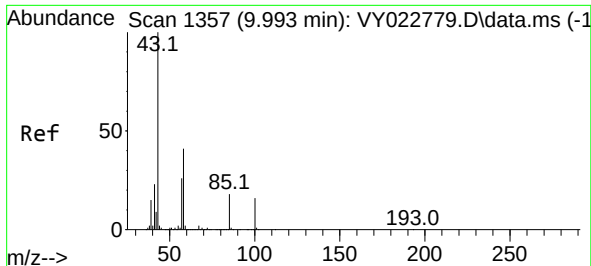
Tgt Ion: 98 Resp: 723345

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

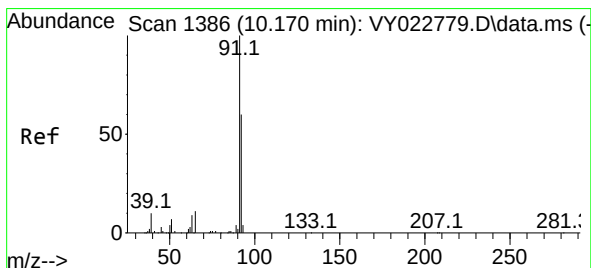
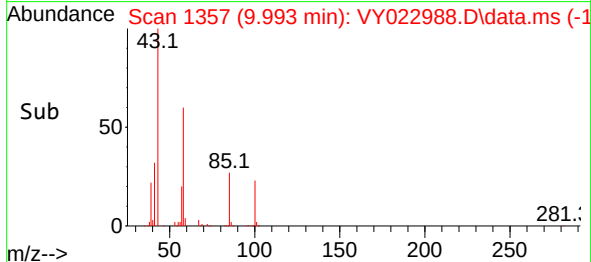
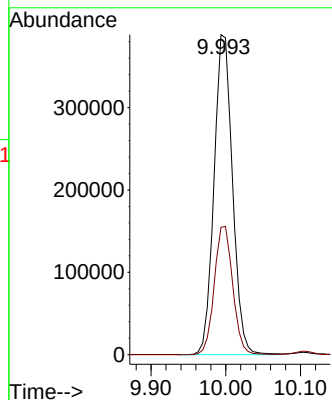
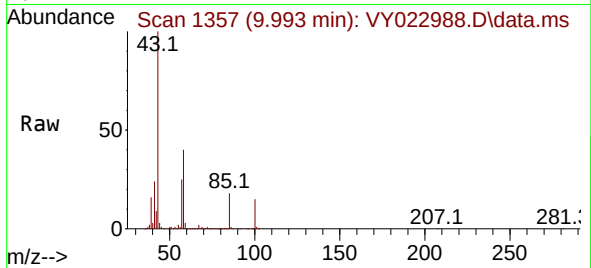




#51
4-Methyl-2-Pentanone
Concen: 269.350 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

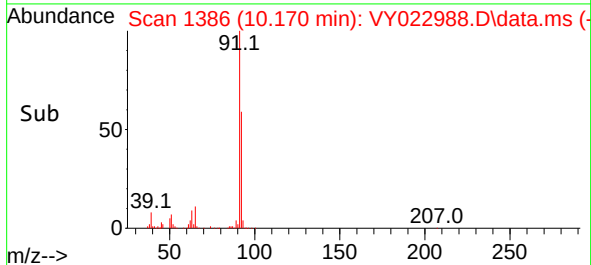
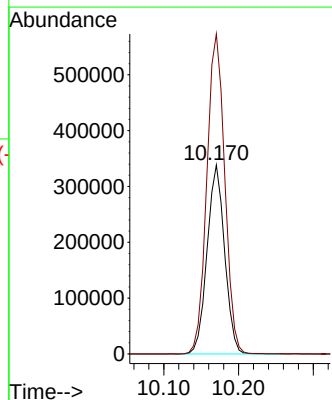
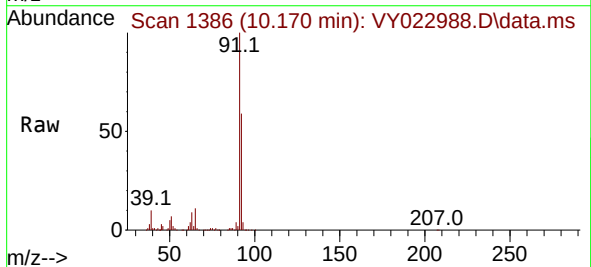
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

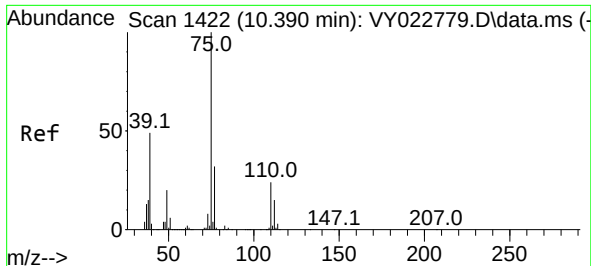
Tgt Ion: 43 Resp: 668212
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6



#52
Toluene
Concen: 52.123 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 92 Resp: 550326
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.4

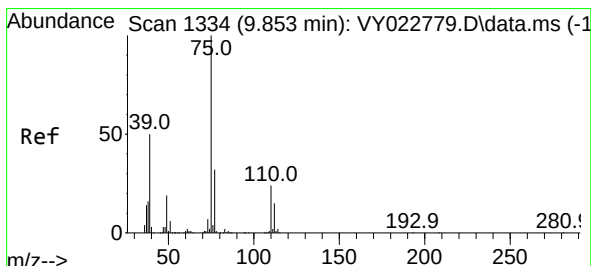
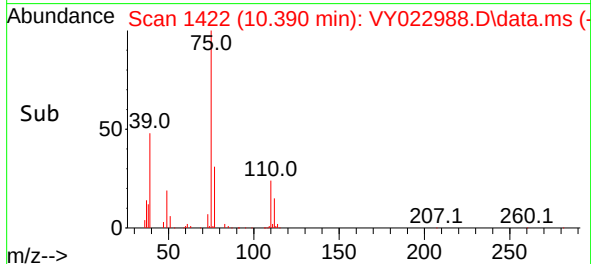
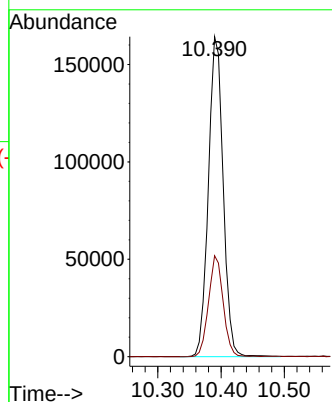
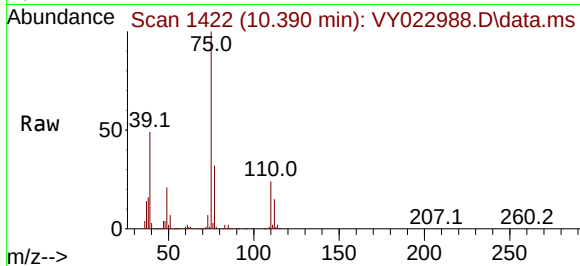




#53
 t-1,3-Dichloropropene
 Concen: 51.777 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

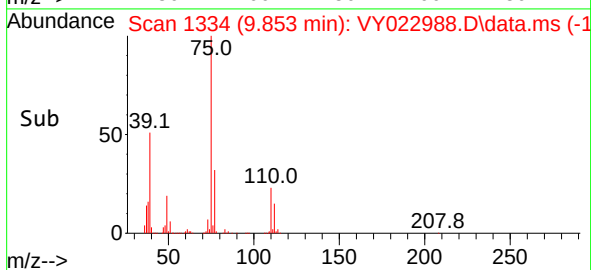
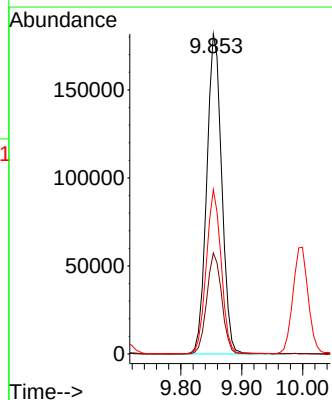
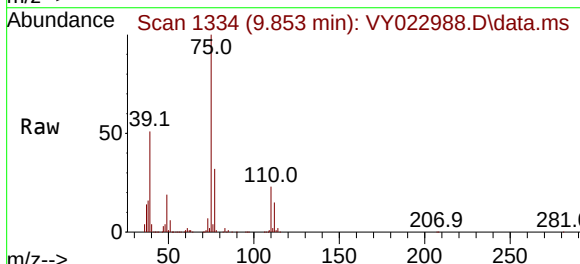
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

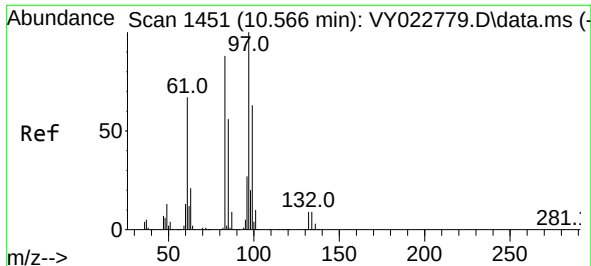
Tgt Ion: 75 Resp: 267110
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.982 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

Tgt Ion: 75 Resp: 310934
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 51.3 42.7 64.1

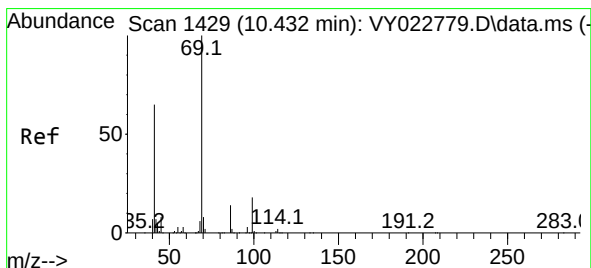
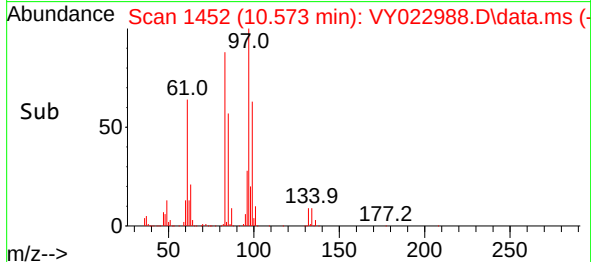
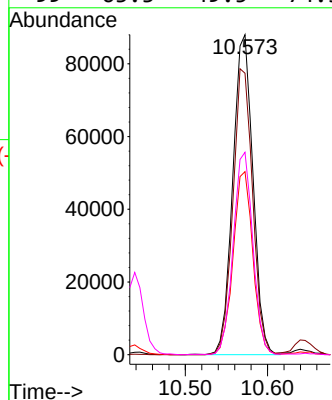
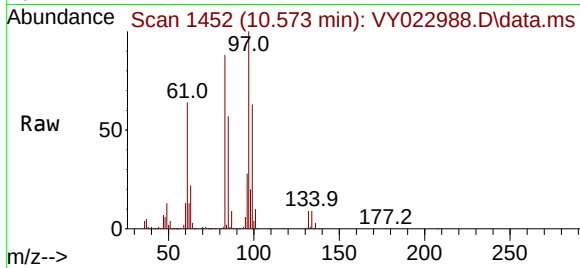




#55
1,1,2-Trichloroethane
Concen: 52.150 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

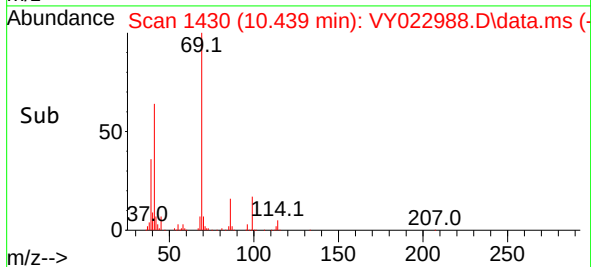
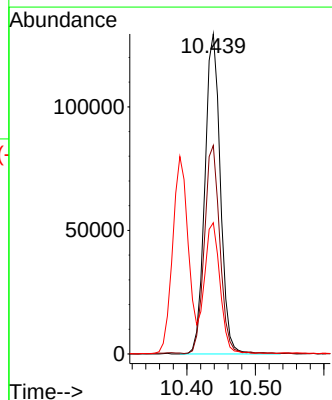
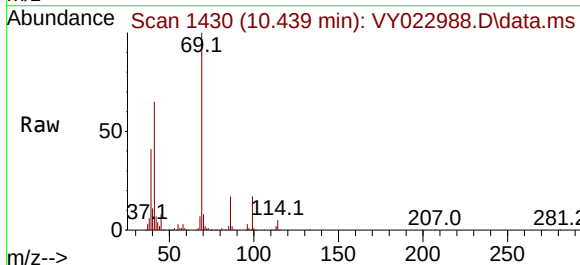
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

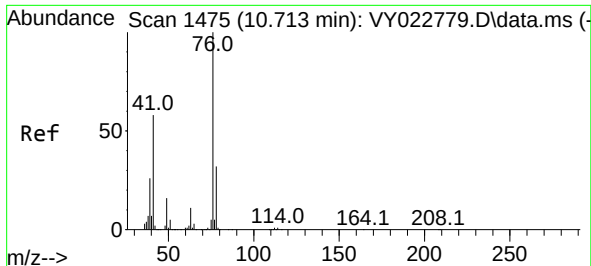
Tgt Ion: 97 Resp: 150151
Ion Ratio Lower Upper
97 100
83 87.9 68.1 102.1
85 57.2 48.2 72.2
99 63.3 49.5 74.3



#56
Ethyl methacrylate
Concen: 52.588 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 69 Resp: 203707
Ion Ratio Lower Upper
69 100
41 66.0 52.2 78.2
39 40.9 36.7 55.1





#57

1,3-Dichloropropane

Concen: 51.576 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

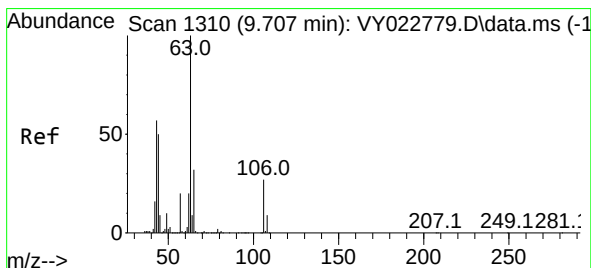
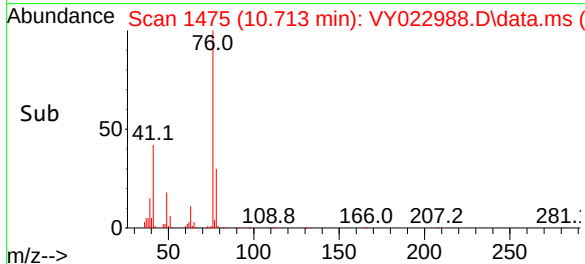
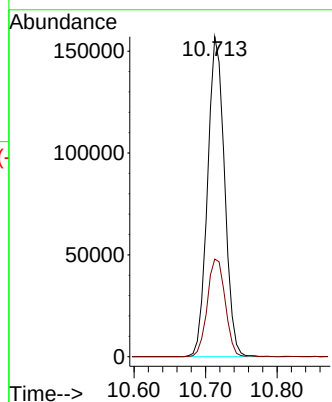
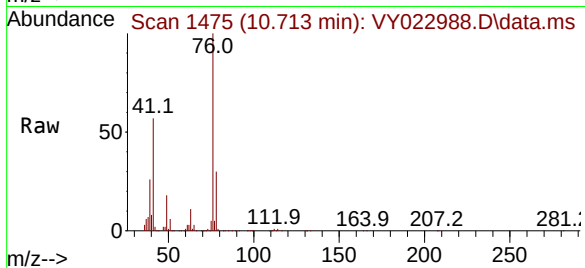
VSTDCCC050EC

Tgt Ion: 76 Resp: 259081

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 250.158 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022988.D

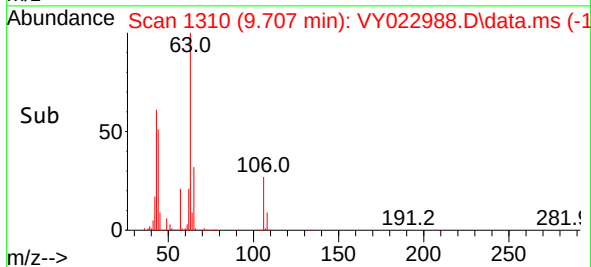
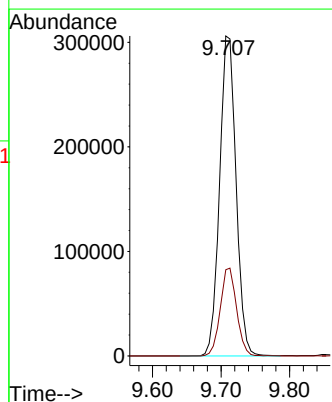
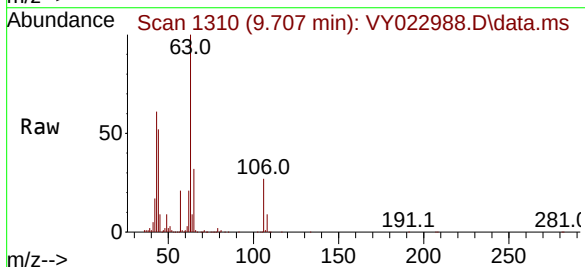
Acq: 08 Jul 2025 20:07

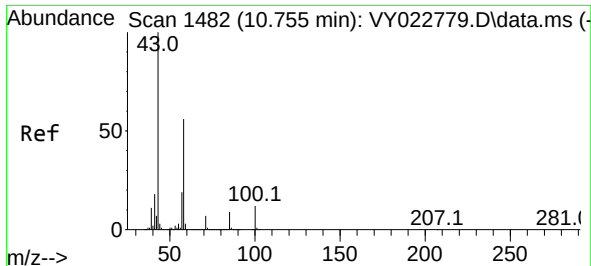
Tgt Ion: 63 Resp: 509326

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4

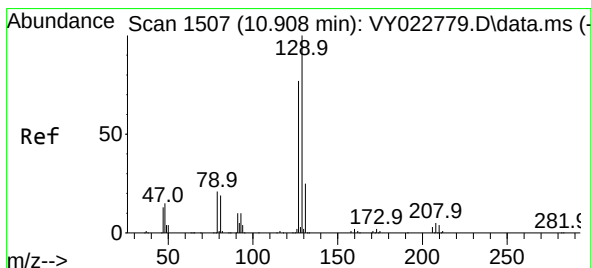
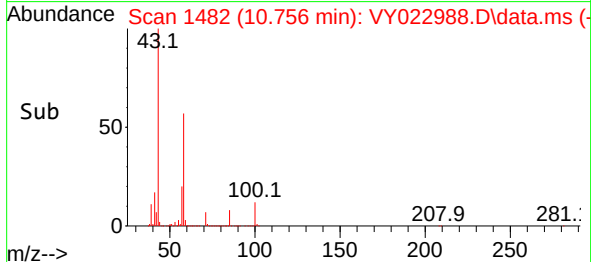
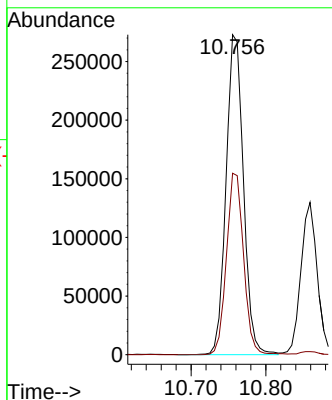
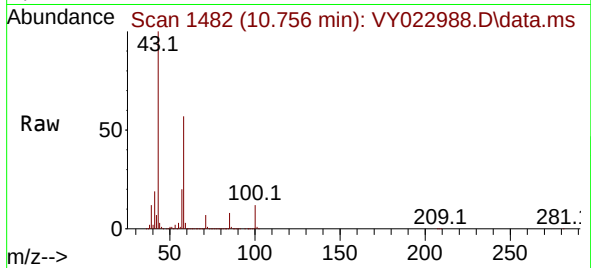




#59
2-Hexanone
Concen: 262.000 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

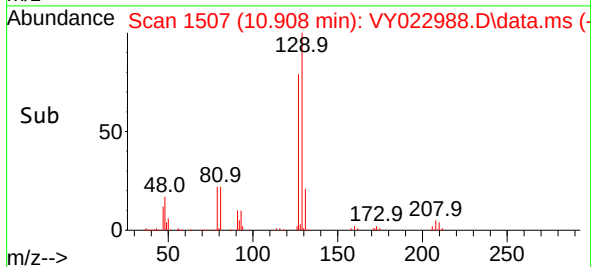
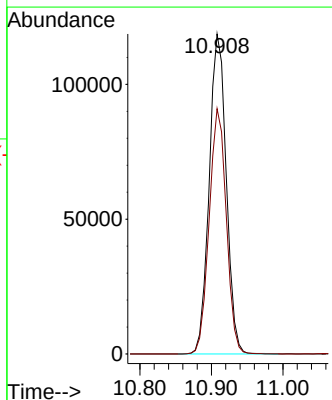
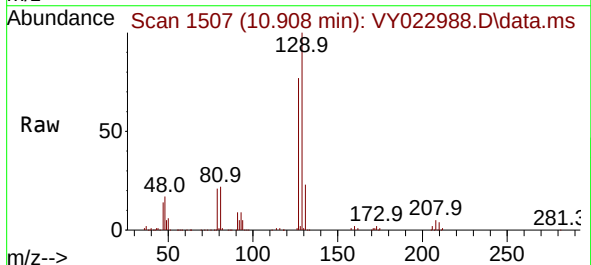
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

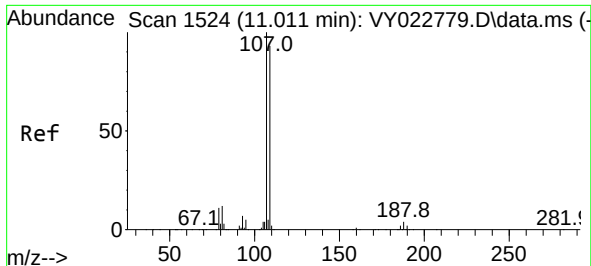
Tgt Ion: 43 Resp: 441905
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8



#60
Dibromochloromethane
Concen: 52.809 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 129 Resp: 196396
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

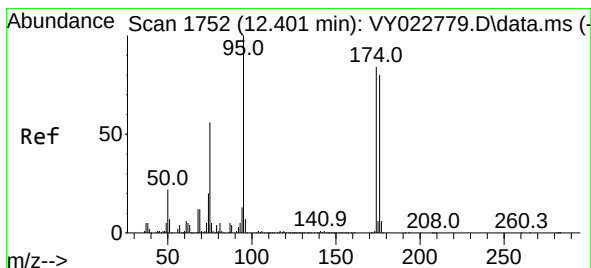
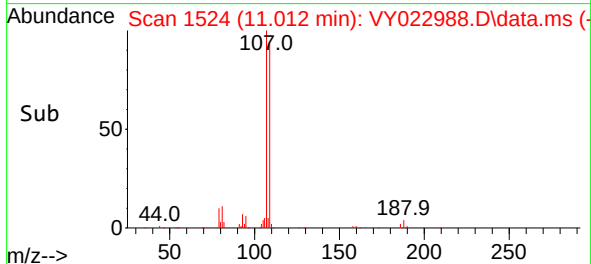
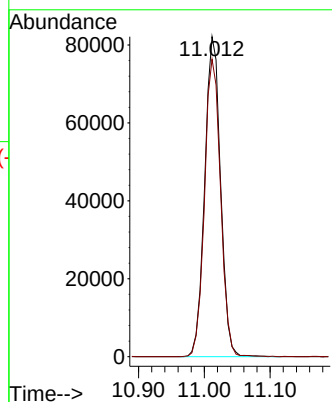
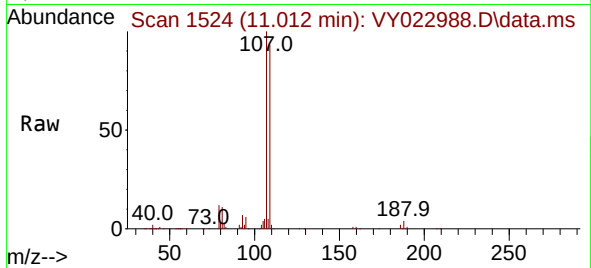




#61
1,2-Dibromoethane
Concen: 51.154 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

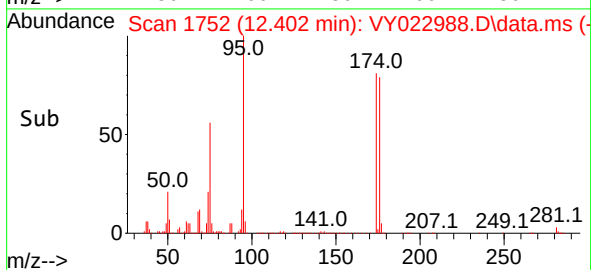
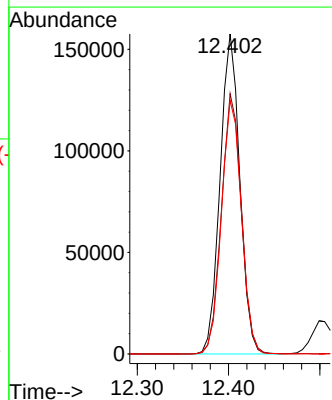
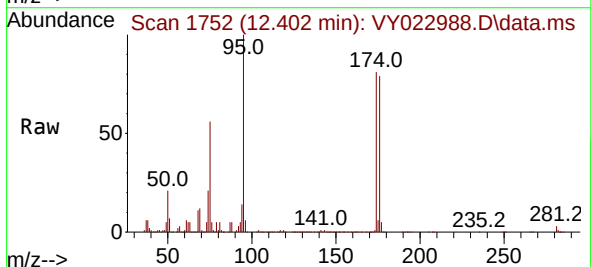
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

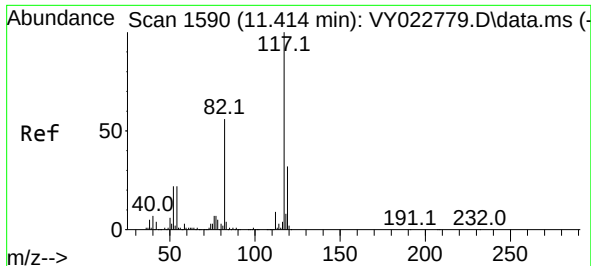
Tgt Ion:107 Resp: 137822
Ion Ratio Lower Upper
107 100
109 94.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.558 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 95 Resp: 236188
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.0
176 80.5 0.0 166.2

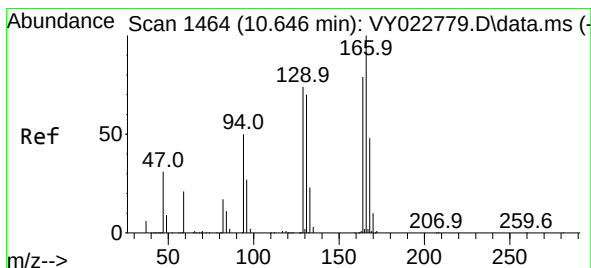
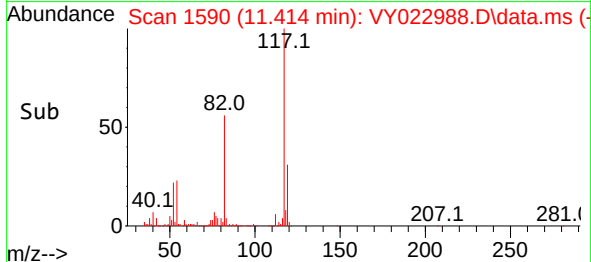
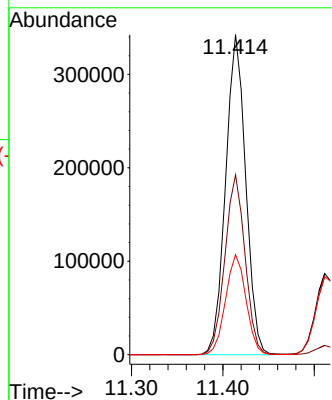
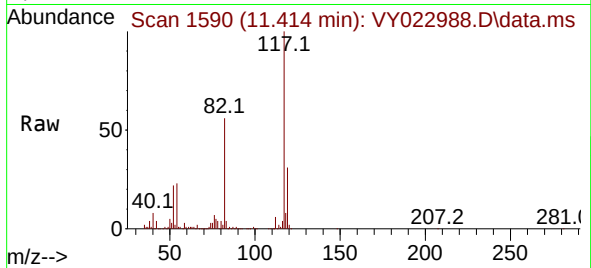




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

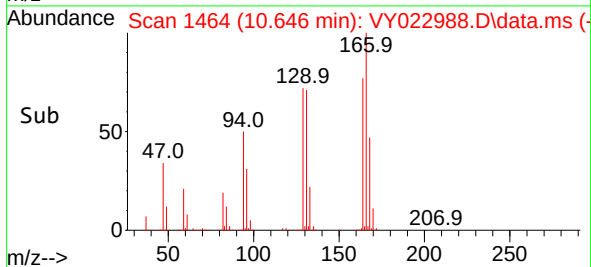
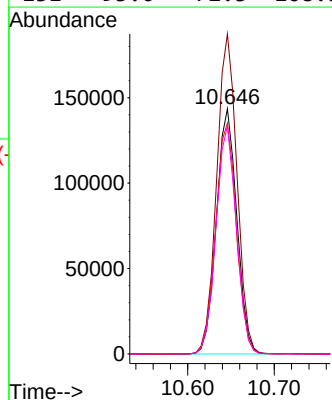
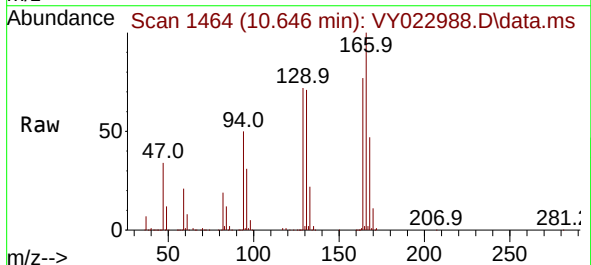
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

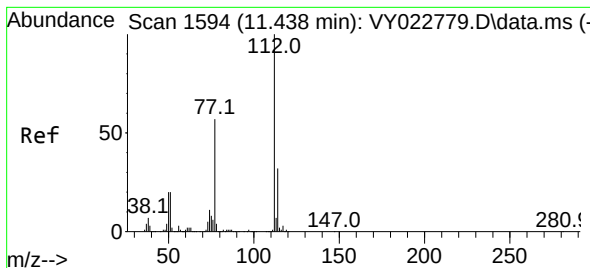
Tgt Ion:117 Resp: 523833
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 47.454 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion:164 Resp: 234832
Ion Ratio Lower Upper
164 100
166 130.6 104.0 156.0
129 94.1 74.5 111.7
131 93.0 72.3 108.5

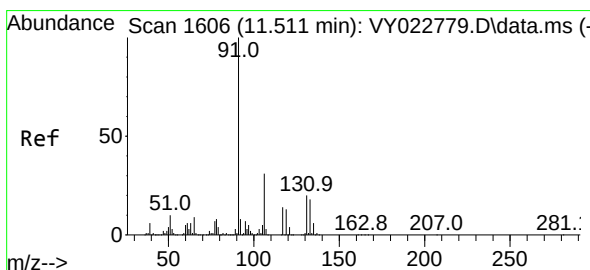
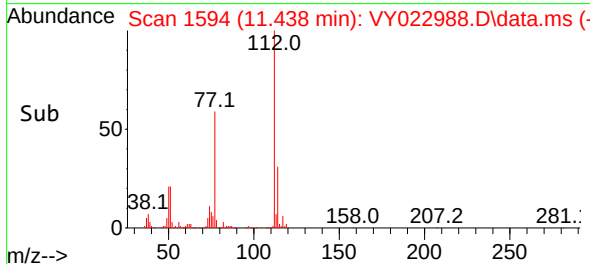
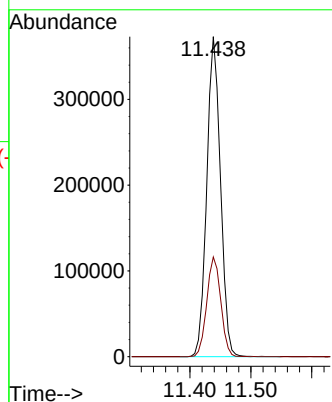
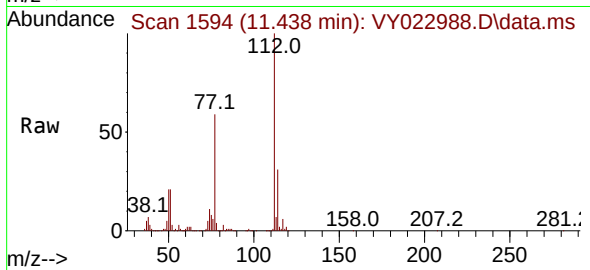




#65
Chlorobenzene
Concen: 50.571 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

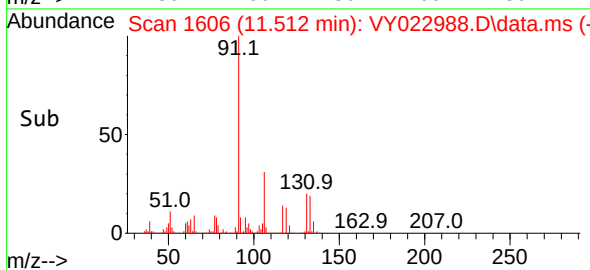
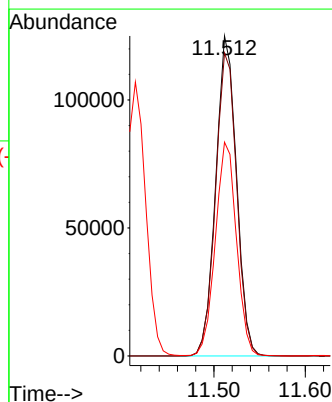
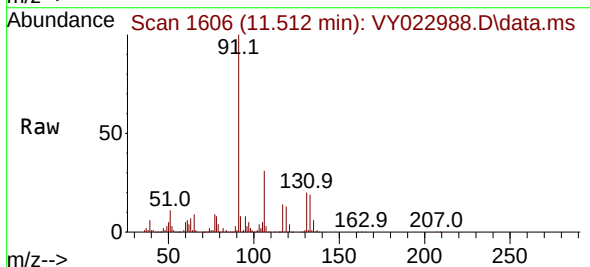
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

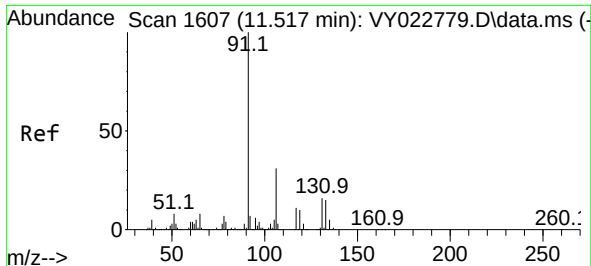
Tgt Ion:112 Resp: 582088
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.793 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion:131 Resp: 198021
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 67.9 33.1 99.3





#67

Ethyl Benzene

Concen: 51.866 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

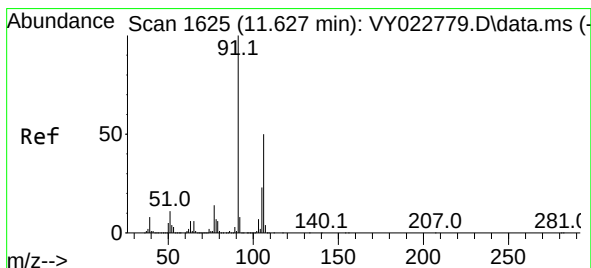
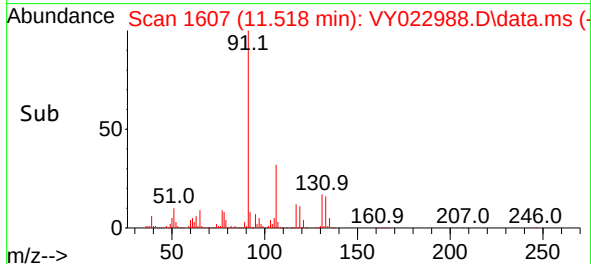
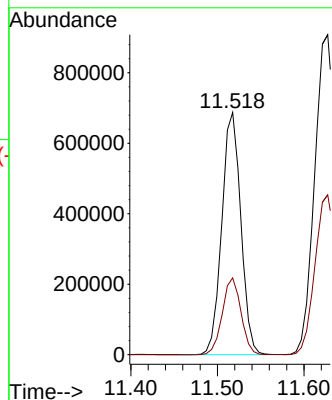
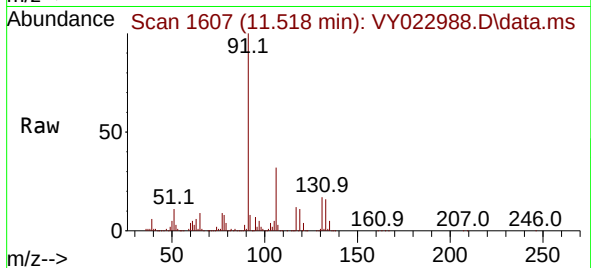
VSTDCCC050EC

Tgt Ion: 91 Resp: 1048920

Ion Ratio Lower Upper

91 100

106 31.7 24.2 36.4



#68

m/p-Xylenes

Concen: 103.926 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022988.D

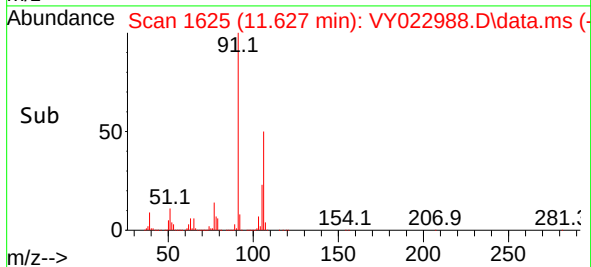
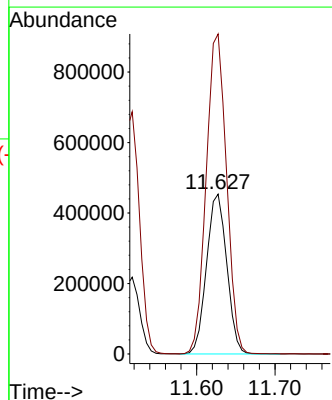
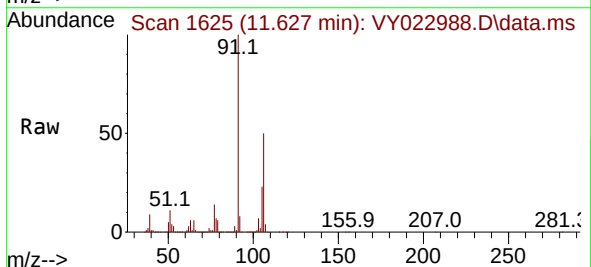
Acq: 08 Jul 2025 20:07

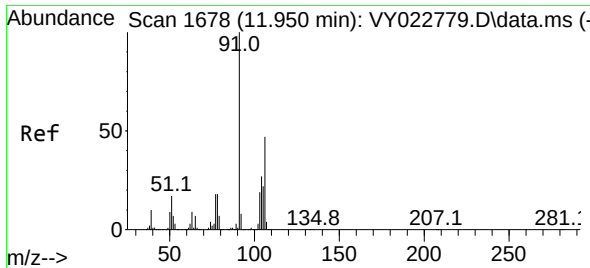
Tgt Ion: 106 Resp: 812457

Ion Ratio Lower Upper

106 100

91 201.4 159.4 239.0

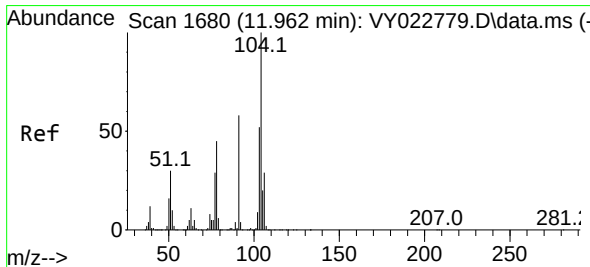
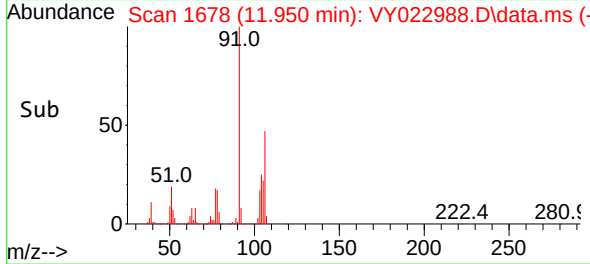
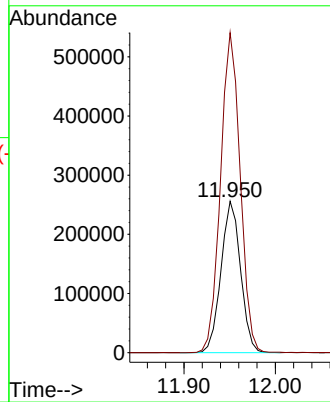
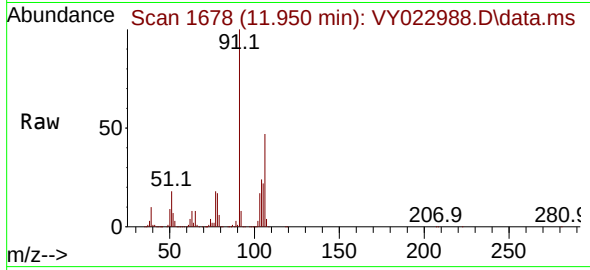




#69
o-Xylene
Concen: 51.724 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

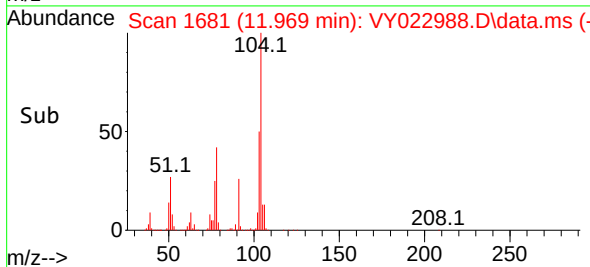
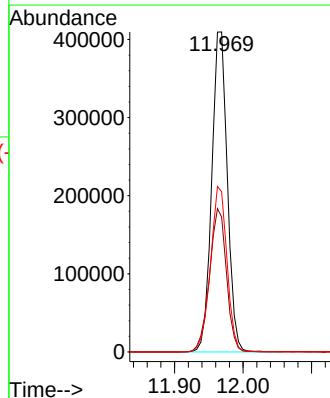
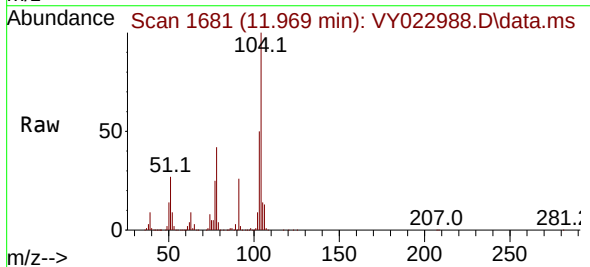
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

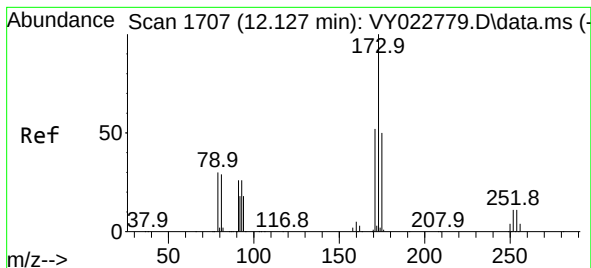
Tgt Ion:106 Resp: 381007
Ion Ratio Lower Upper
106 100
91 212.8 105.8 317.3



#70
Styrene
Concen: 52.673 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion:104 Resp: 649923
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 54.9 44.1 66.1





#71

Bromoform

Concen: 50.577 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

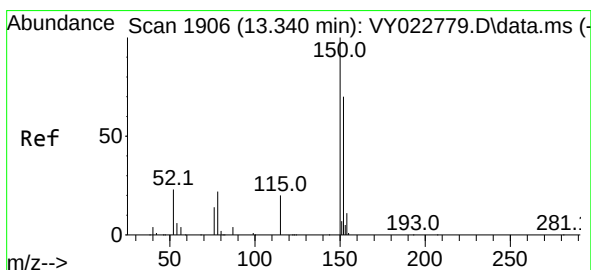
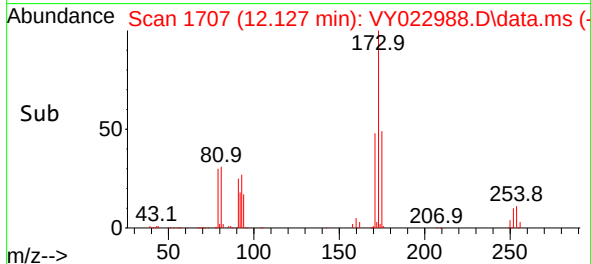
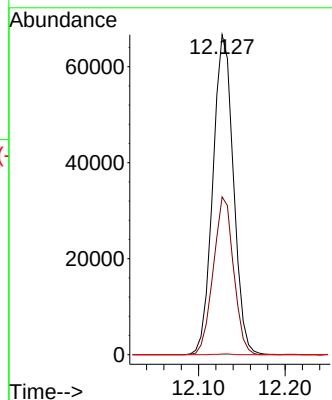
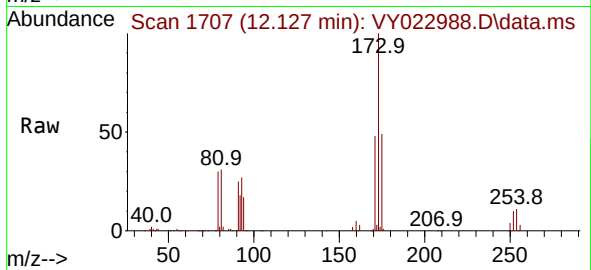
Tgt Ion:173 Resp: 109792

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.5

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

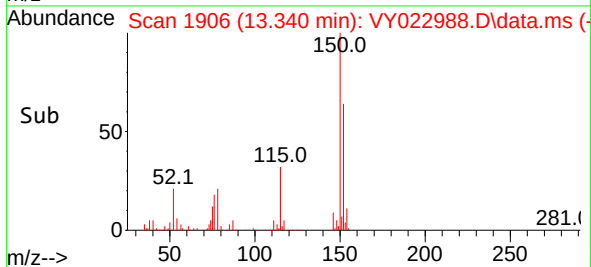
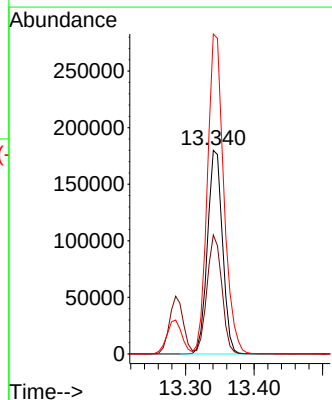
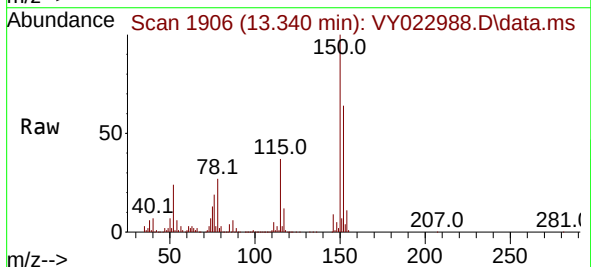
Tgt Ion:152 Resp: 275235

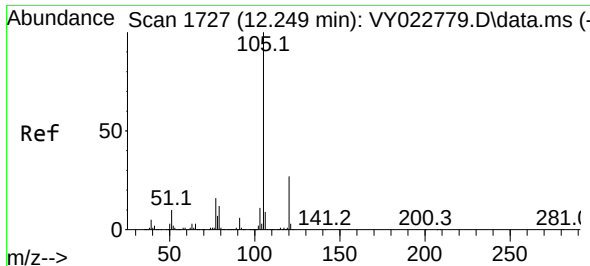
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 170.8 0.0 349.6

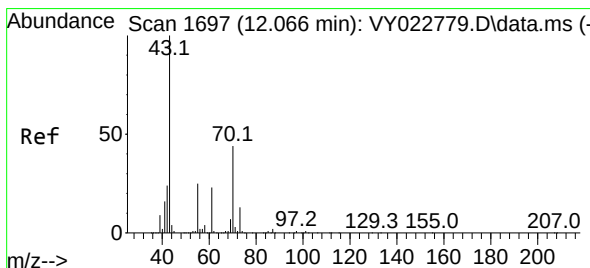
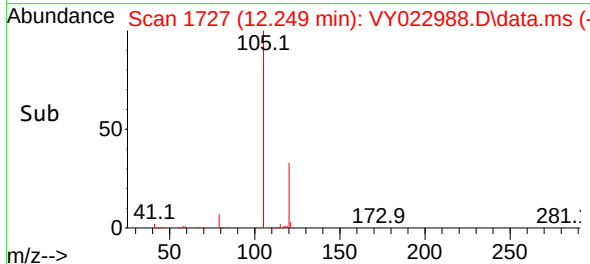
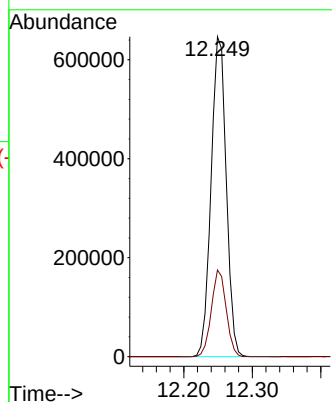
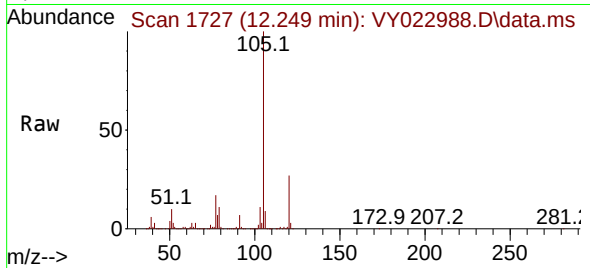




#73
Isopropylbenzene
Concen: 48.923 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

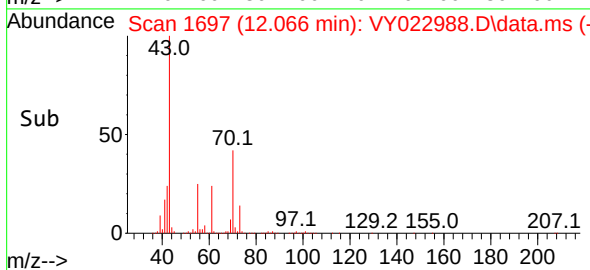
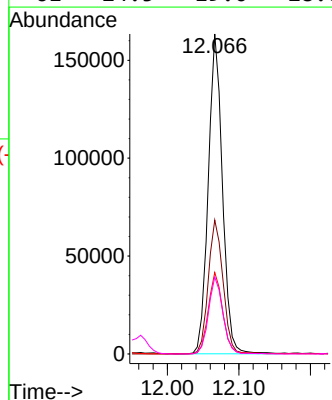
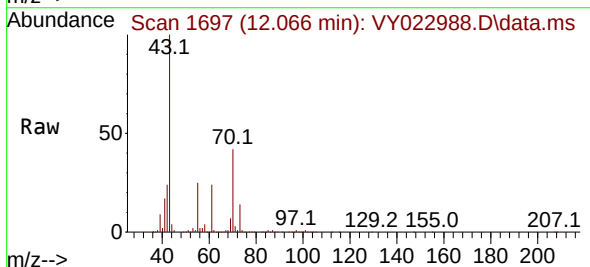
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

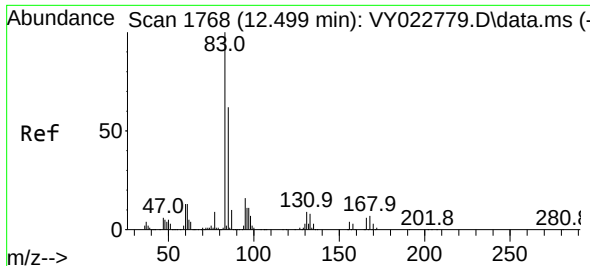
Tgt Ion:105 Resp: 995845
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 49.211 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 43 Resp: 224846
Ion Ratio Lower Upper
43 100
70 43.9 34.2 51.2
55 26.1 18.2 27.4
61 24.5 19.0 28.6

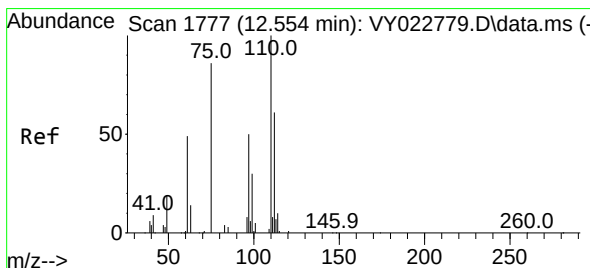
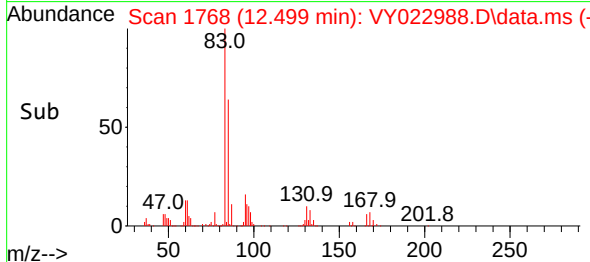
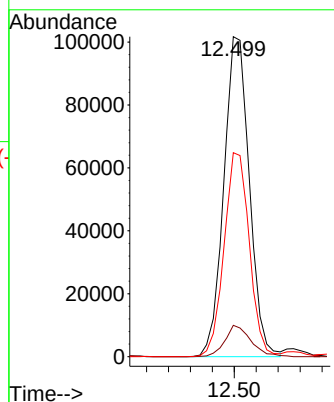
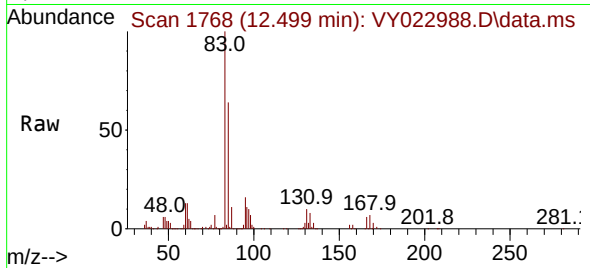




#75
1,1,2,2-Tetrachloroethane
Concen: 50.189 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

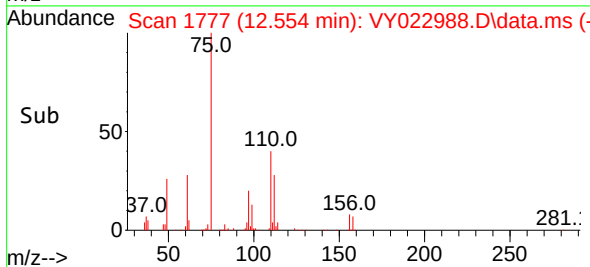
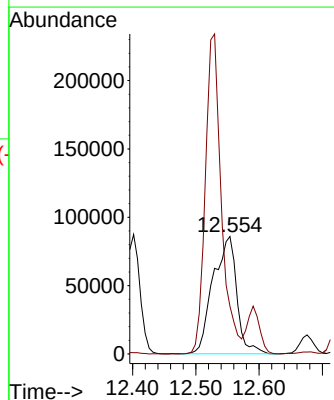
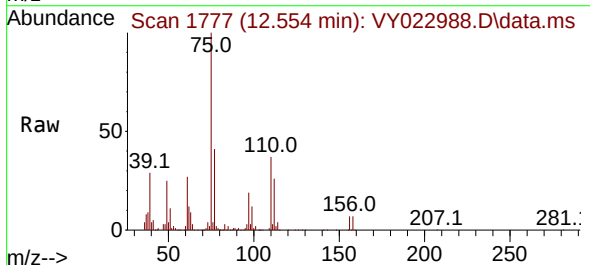
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

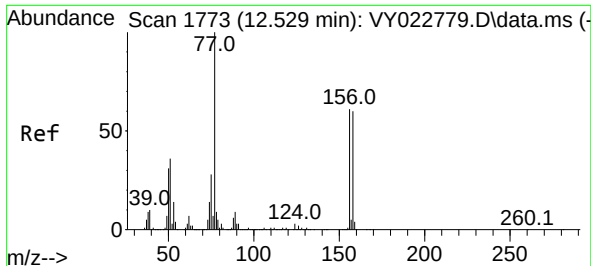
Tgt Ion: 83 Resp: 164653
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 63.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 79.758 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 75 Resp: 224113
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

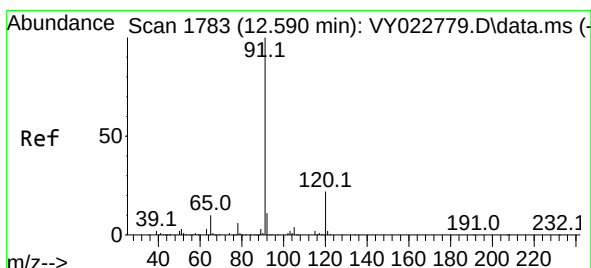
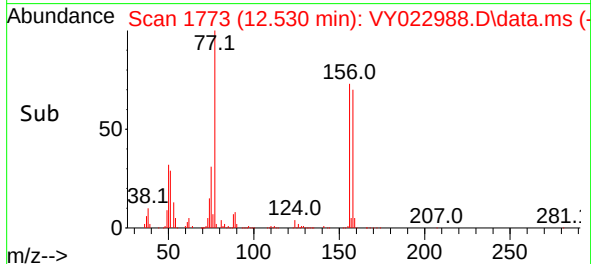
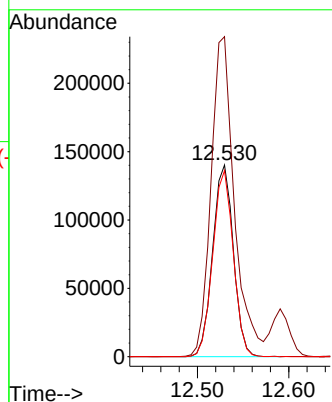
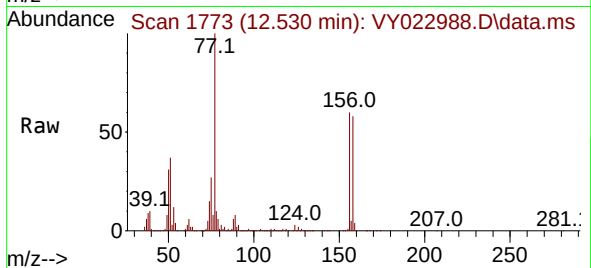




#77
Bromobenzene
Concen: 47.684 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

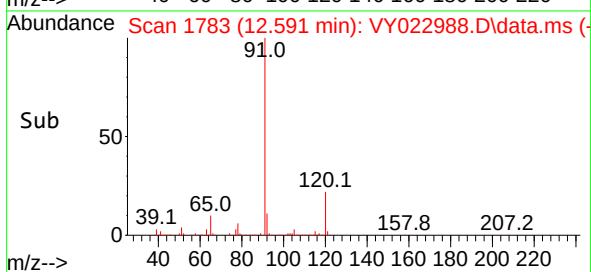
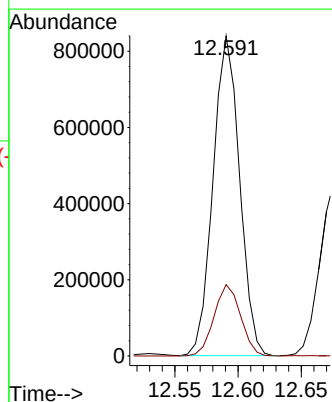
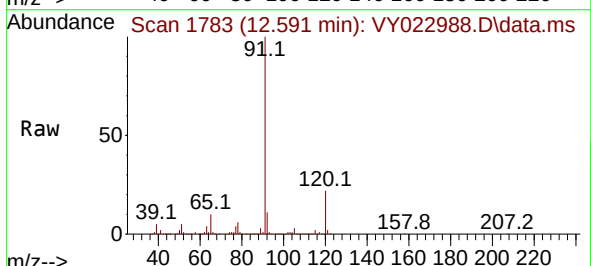
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

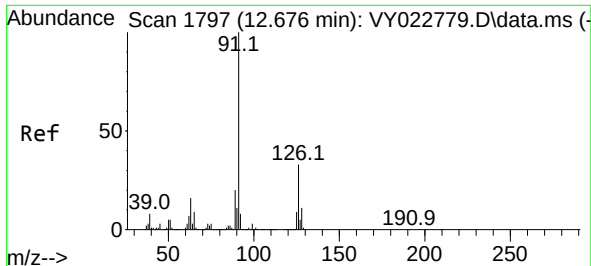
Tgt Ion:156 Resp: 220008
Ion Ratio Lower Upper
156 100
77 188.4 94.0 282.1
158 96.5 48.2 144.6



#78
n-propylbenzene
Concen: 49.808 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 91 Resp: 1224096
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4

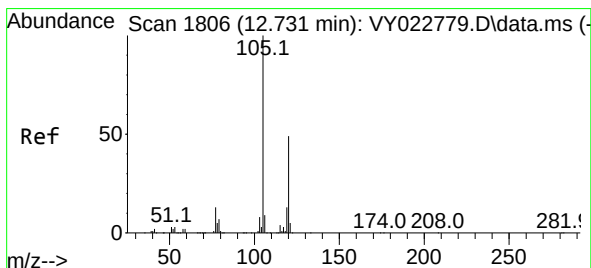
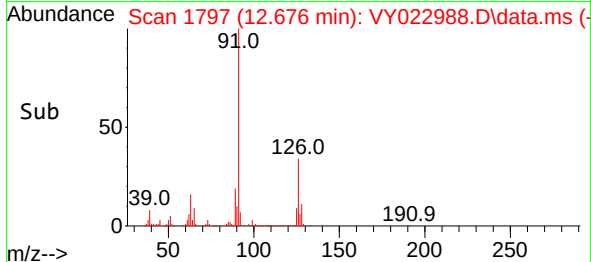
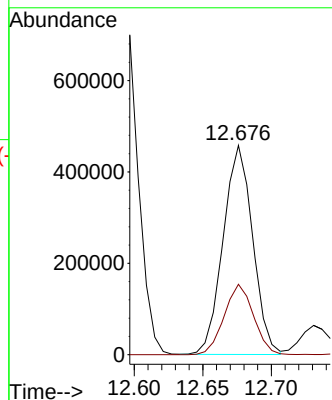
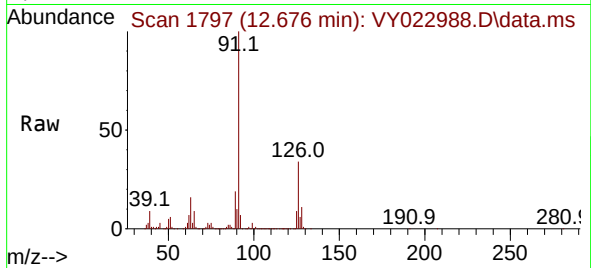




#79
2-Chlorotoluene
Concen: 49.381 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

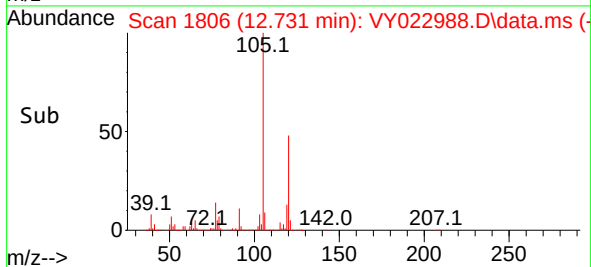
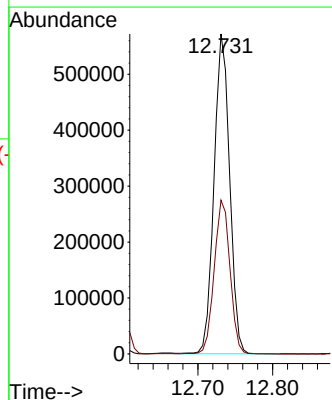
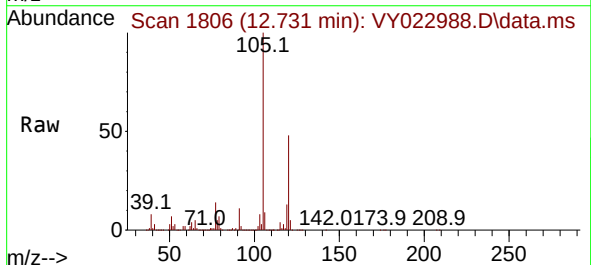
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

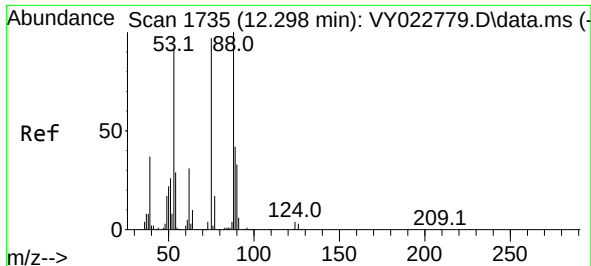
Tgt Ion: 91 Resp: 685670
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.439 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 105 Resp: 828830
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4

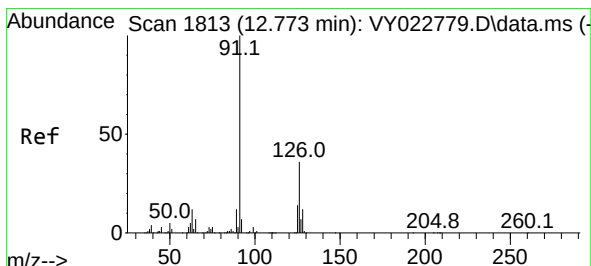
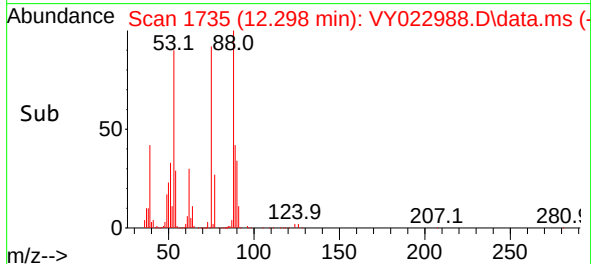
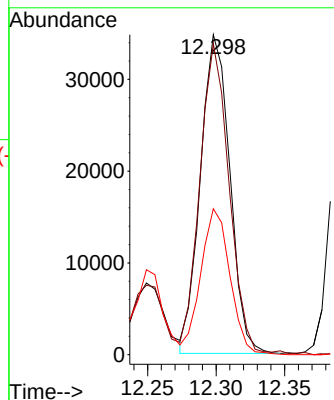
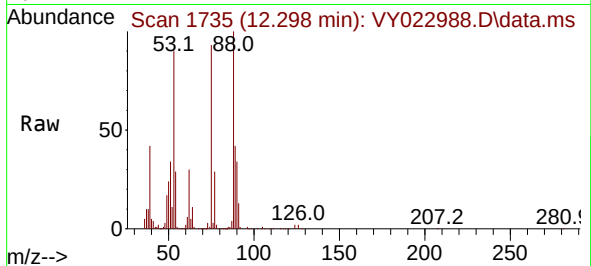




#81
trans-1,4-Dichloro-2-butene
Concen: 46.564 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

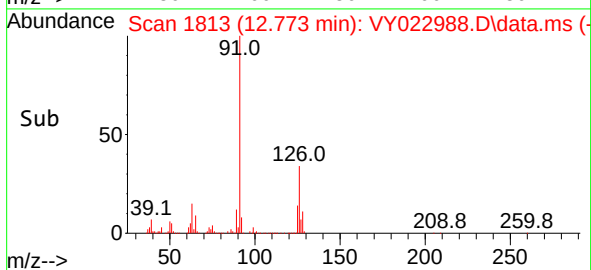
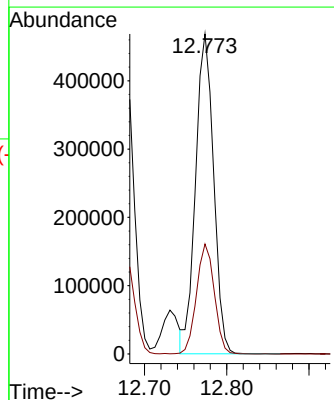
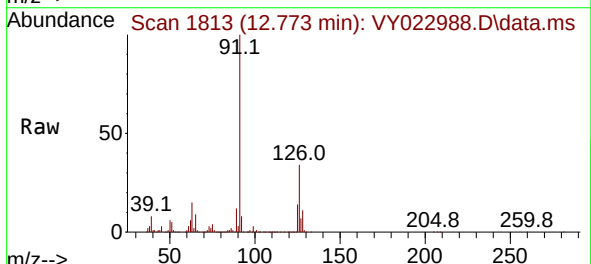
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

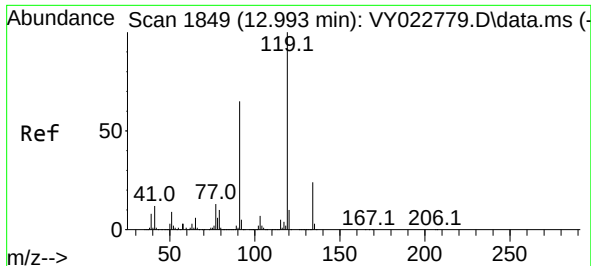
Tgt Ion: 75 Resp: 51790
Ion Ratio Lower Upper
75 100
53 98.1 78.5 117.7
89 45.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 48.891 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022988.D
Acq: 08 Jul 2025 20:07

Tgt Ion: 91 Resp: 713070
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

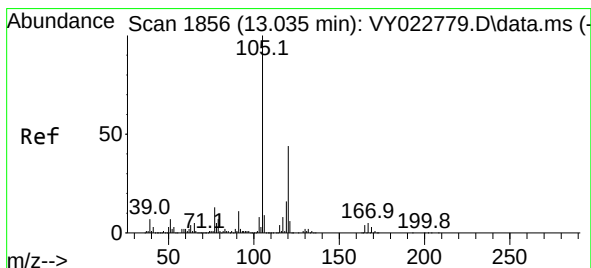
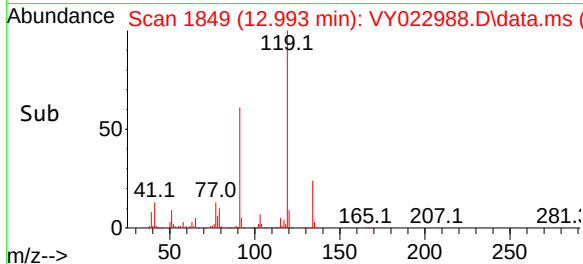
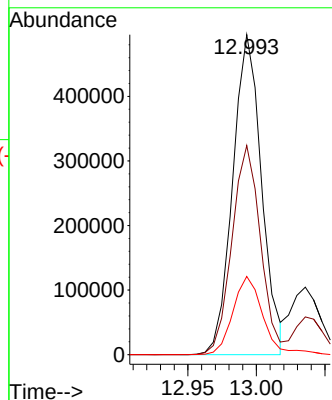
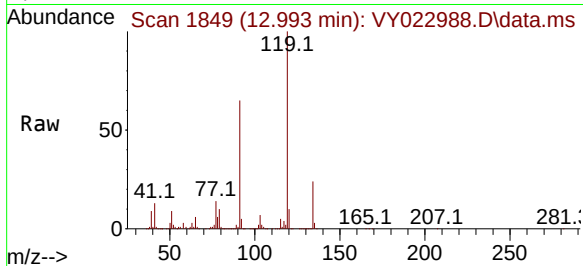




#83
 tert-Butylbenzene
 Concen: 50.220 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

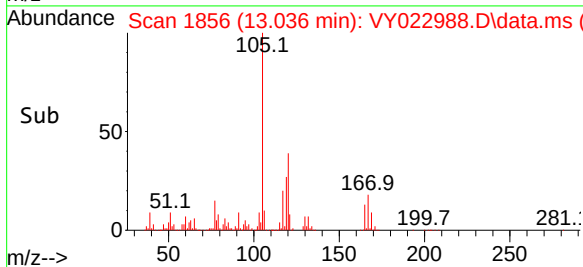
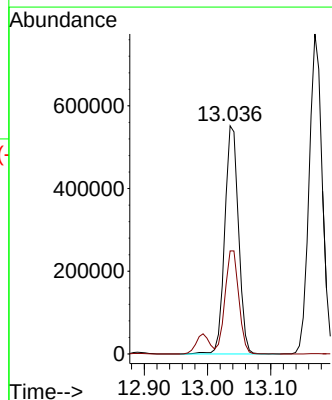
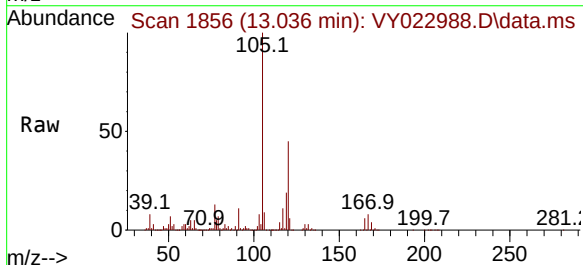
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

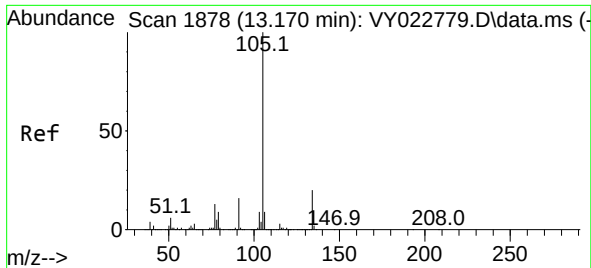
Tgt Ion:119 Resp: 727775
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.1 96.3
 134 25.5 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.404 ug/l
 RT: 13.036 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

Tgt Ion:105 Resp: 829237
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

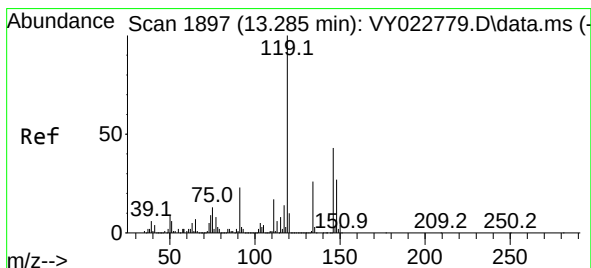
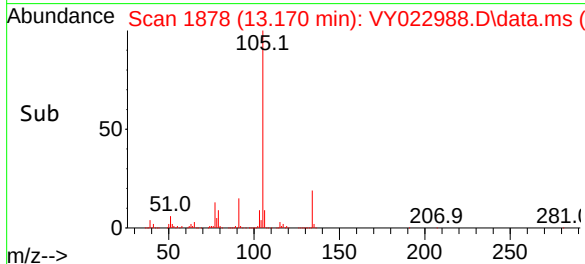
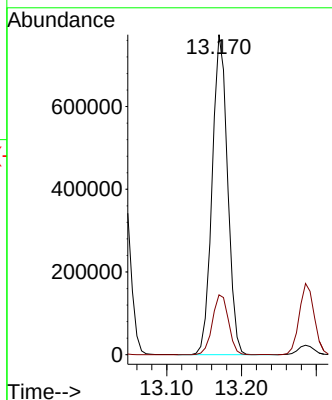
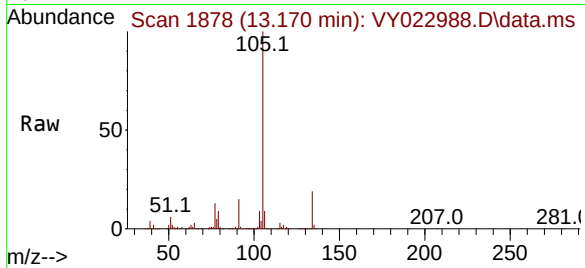




#85
 sec-Butylbenzene
 Concen: 50.770 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

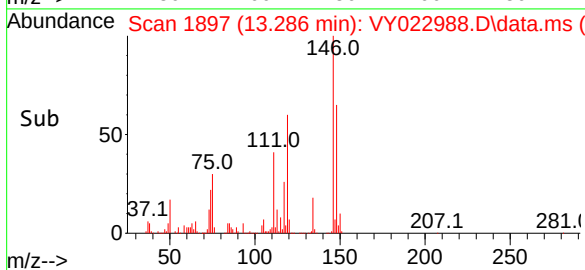
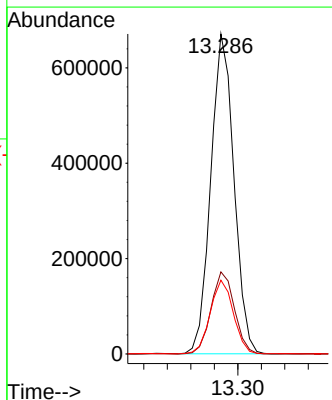
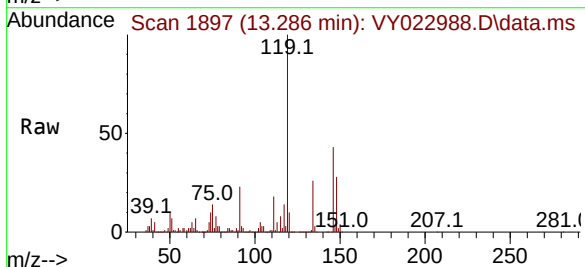
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

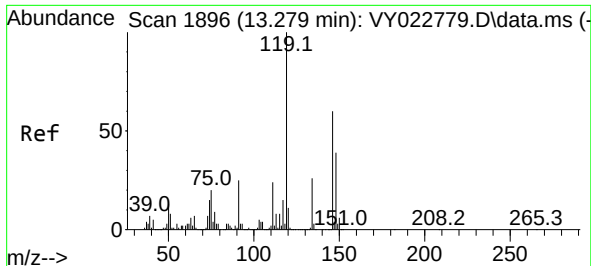
Tgt Ion:105 Resp: 1107012
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.623 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

Tgt Ion:119 Resp: 918547
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 48.700 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

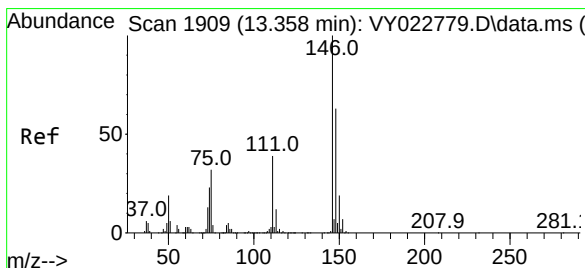
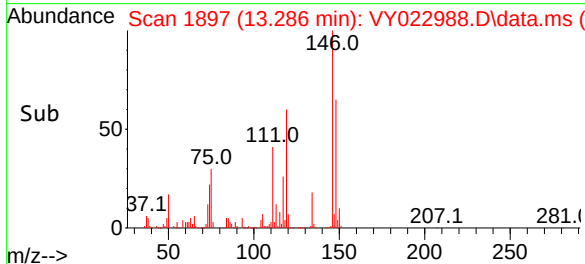
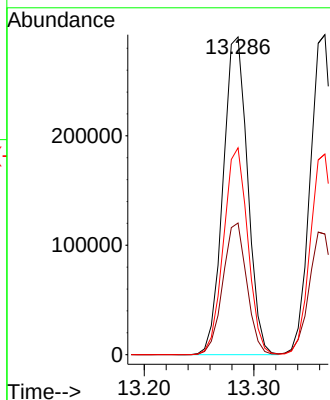
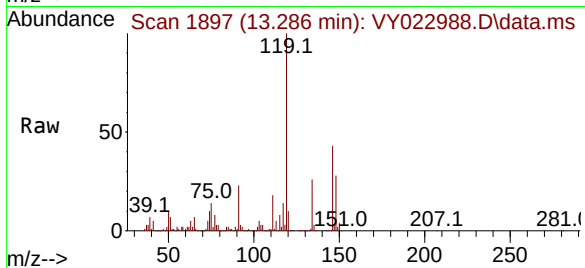
Tgt Ion:146 Resp: 451267

Ion Ratio Lower Upper

146 100

111 40.6 20.1 60.2

148 64.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.308 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

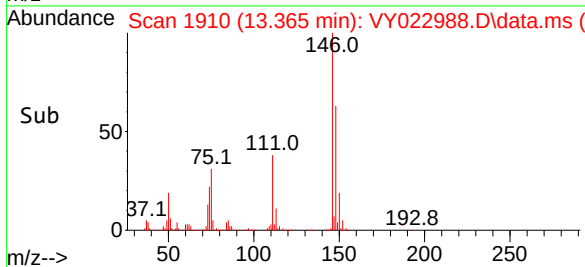
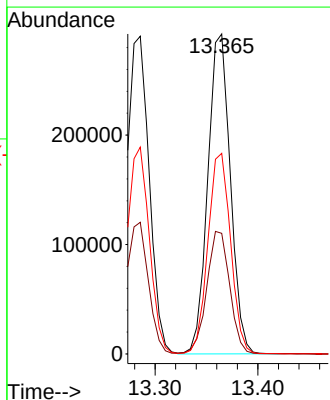
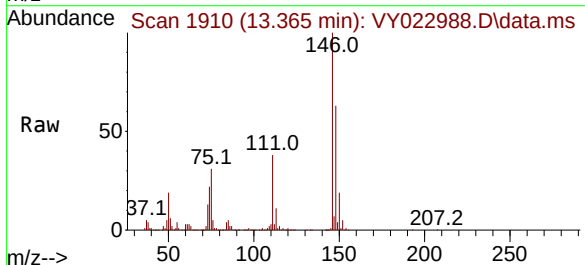
Tgt Ion:146 Resp: 444654

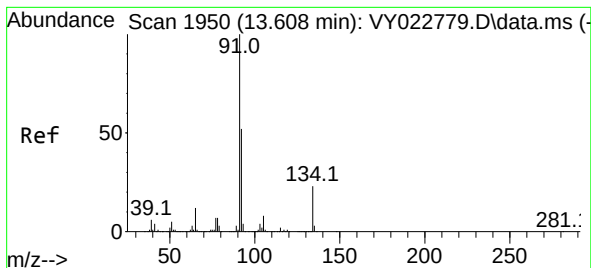
Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 49.745 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

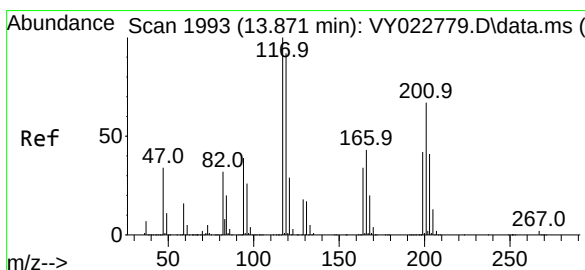
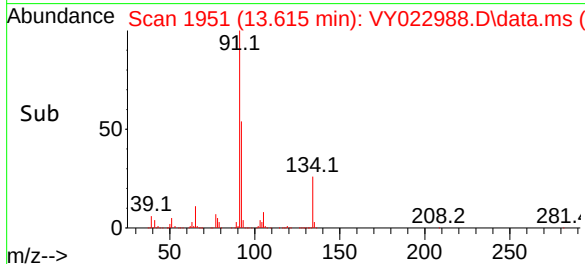
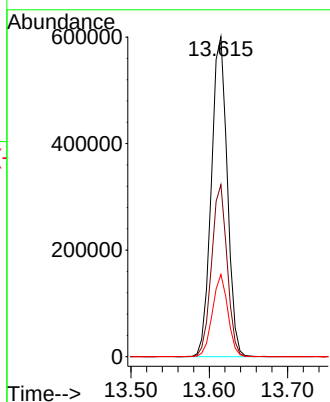
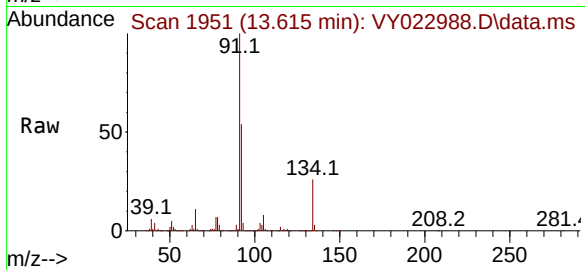
Tgt Ion: 91 Resp: 849047

Ion Ratio Lower Upper

91 100

92 52.5 25.9 77.8

134 24.8 12.0 36.1



#90

Hexachloroethane

Concen: 49.122 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022988.D

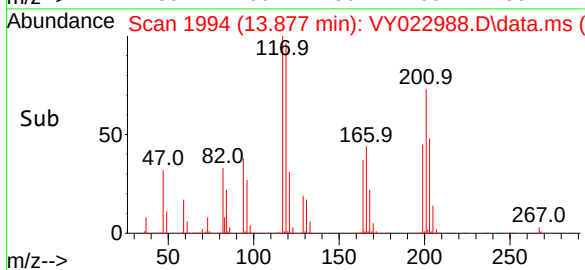
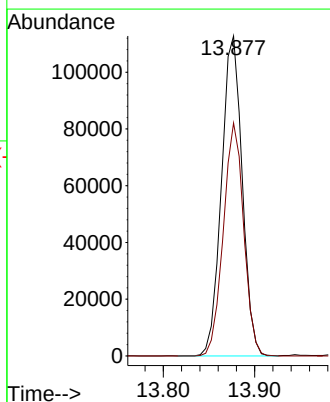
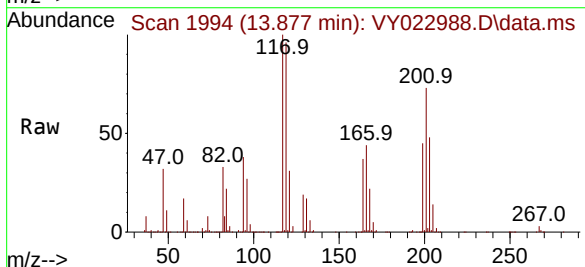
Acq: 08 Jul 2025 20:07

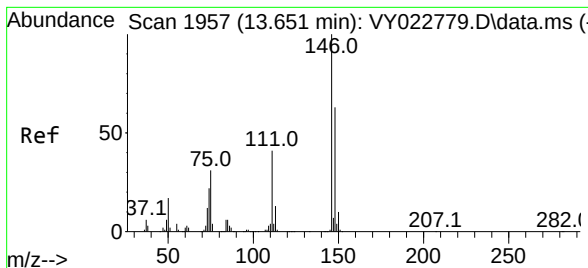
Tgt Ion: 117 Resp: 177524

Ion Ratio Lower Upper

117 100

201 71.5 34.0 102.0

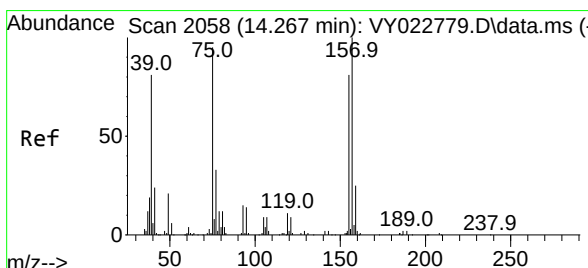
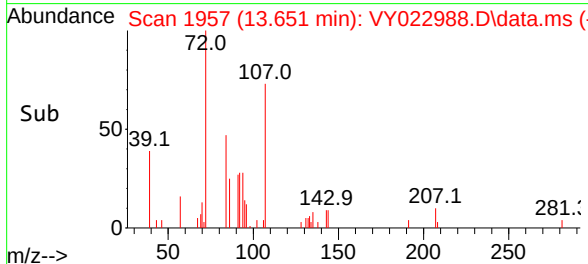
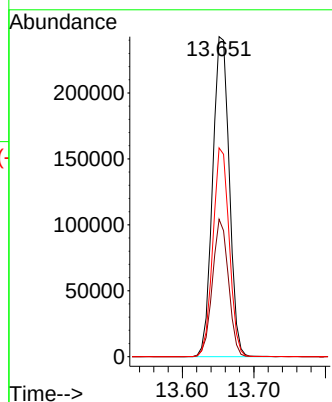
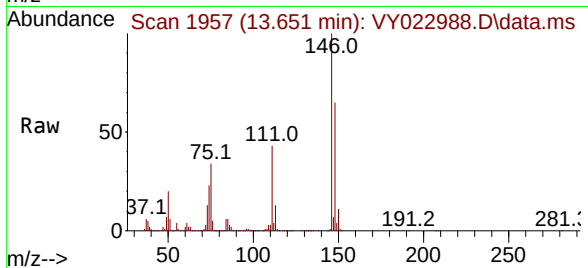




#91
 1,2-Dichlorobenzene
 Concen: 48.020 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

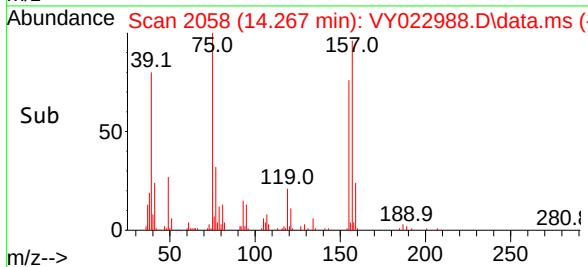
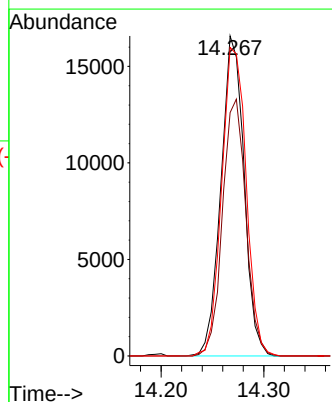
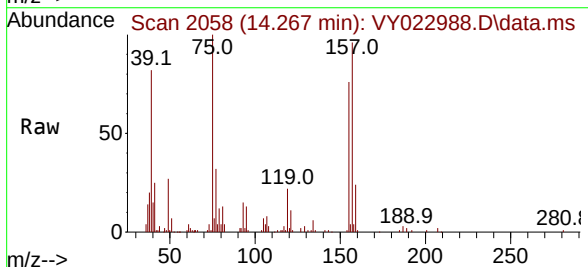
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

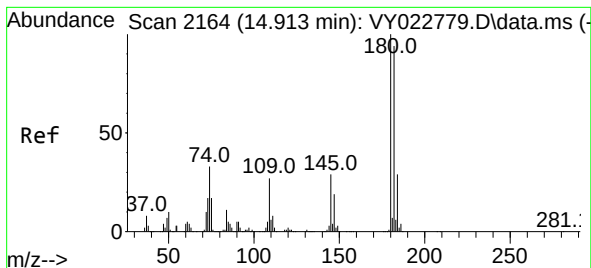
Tgt Ion:146 Resp: 392132
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.2 60.6
 148 63.9 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.458 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022988.D
 Acq: 08 Jul 2025 20:07

Tgt Ion: 75 Resp: 25846
 Ion Ratio Lower Upper
 75 100
 155 81.3 39.9 119.6
 157 102.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 45.044 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

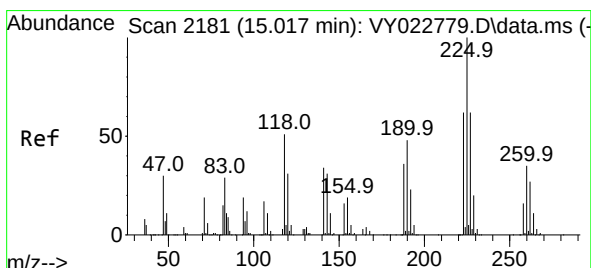
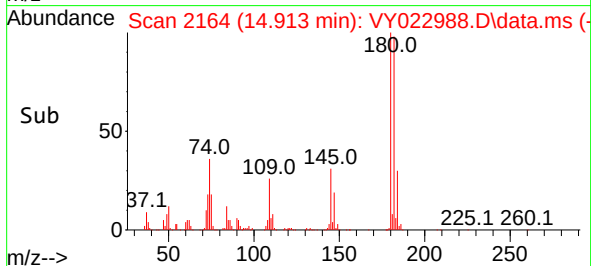
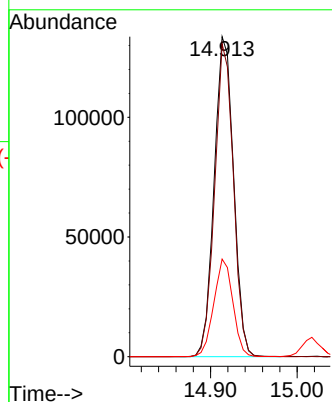
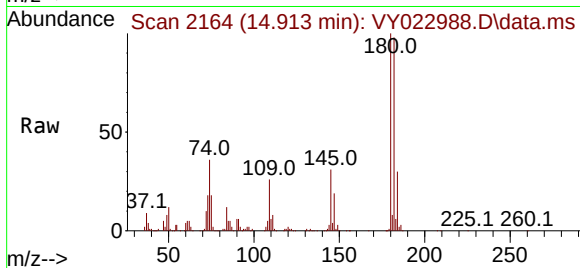
Tgt Ion:180 Resp: 207680

Ion Ratio Lower Upper

180 100

182 94.6 48.4 145.3

145 30.1 15.5 46.5



#94

Hexachlorobutadiene

Concen: 46.348 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

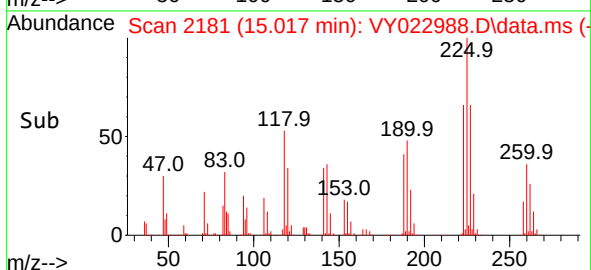
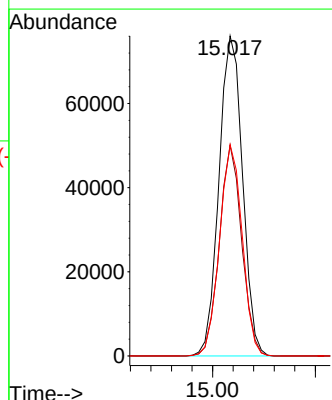
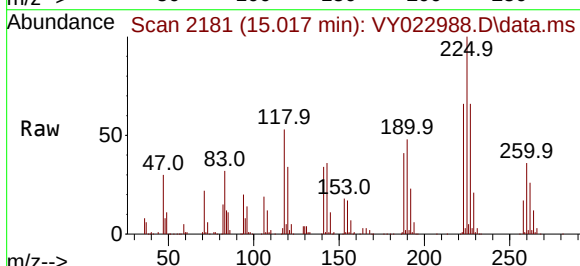
Tgt Ion:225 Resp: 120839

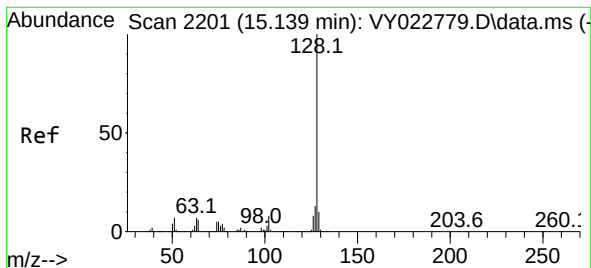
Ion Ratio Lower Upper

225 100

223 62.7 32.5 97.4

227 63.6 32.3 96.9





#95

Naphthalene

Concen: 45.893 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

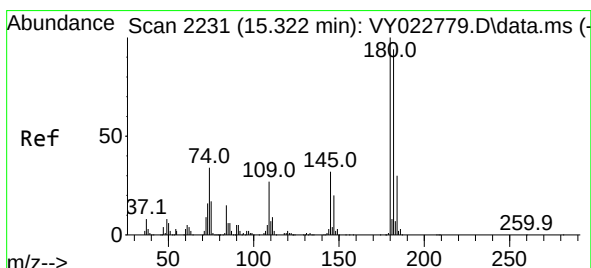
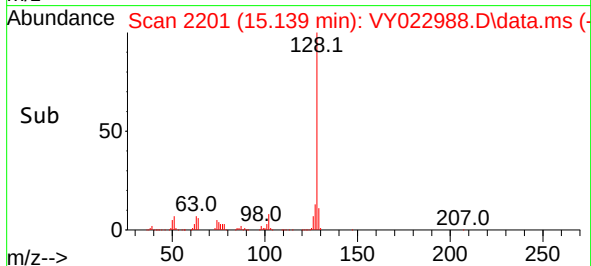
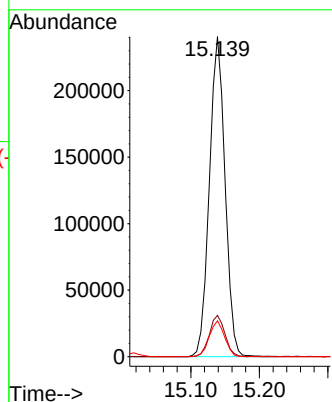
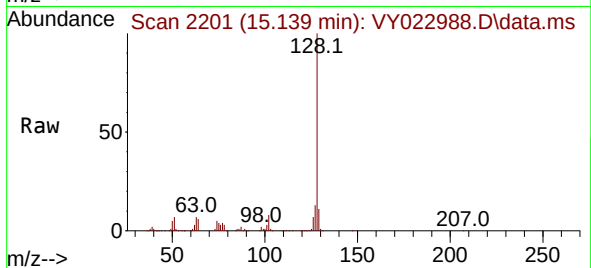
Tgt Ion:128 Resp: 382638

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.496 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022988.D

Acq: 08 Jul 2025 20:07

Tgt Ion:180 Resp: 177275

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

145 31.0 15.2 45.6

