

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
 Data File : VY022901.D
 Acq On : 01 Jul 2025 16:27
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 10.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 02:48:44 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	410853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	670879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	593115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.341	152	290320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	228732	49.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.628	113	209541	51.359	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.720%
50) Toluene-d8	10.103	98	831043	51.331	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.402	95	264412	50.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	156920	44.665	ug/l	99
3) Chloromethane	2.068	50	301561	44.951	ug/l	97
4) Vinyl Chloride	2.202	62	389355	46.455	ug/l	100
5) Bromomethane	2.592	94	292177	44.343	ug/l	96
6) Chloroethane	2.733	64	271399	48.173	ug/l	95
7) Trichlorofluoromethane	3.050	101	422843	45.563	ug/l	99
8) Diethyl Ether	3.452	74	114356	49.891	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	210348	49.597	ug/l	98
10) Methyl Iodide	4.001	142	240568	52.098	ug/l	99
11) Tert butyl alcohol	4.860	59	68150	223.512	ug/l	97
12) 1,1-Dichloroethene	3.787	96	205625	49.445	ug/l	95
13) Acrolein	3.647	56	52093	125.995	ug/l	99
14) Allyl chloride	4.379	41	328147	51.301	ug/l	93
15) Acrylonitrile	5.055	53	240404	251.379	ug/l	99
16) Acetone	3.867	43	233836	269.800	ug/l	97
17) Carbon Disulfide	4.104	76	647260	48.179	ug/l	100
18) Methyl Acetate	4.385	43	122005	42.507	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	558565	49.328	ug/l	98
20) Methylene Chloride	4.610	84	259944	47.492	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	234109	49.257	ug/l	98
22) Diisopropyl ether	6.013	45	741000	52.164	ug/l	99
23) Vinyl Acetate	5.958	43	2051274	261.462	ug/l	99
24) 1,1-Dichloroethane	5.909	63	437699	51.012	ug/l	99
25) 2-Butanone	6.890	43	325444	257.999	ug/l	97
26) 2,2-Dichloropropane	6.884	77	364509	50.679	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	277457	50.238	ug/l	99
28) Bromochloromethane	7.244	49	186521	51.707	ug/l	96
29) Tetrahydrofuran	7.256	42	197496	247.950	ug/l	99
30) Chloroform	7.421	83	439221	49.700	ug/l	97
31) Cyclohexane	7.701	56	384880	48.866	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	383402	50.203	ug/l	99
36) 1,1-Dichloropropene	7.835	75	322266	52.111	ug/l	100
37) Ethyl Acetate	6.982	43	138105	51.752	ug/l	99
38) Carbon Tetrachloride	7.817	117	327818	50.239	ug/l	96
39) Methylcyclohexane	9.103	83	418404	52.281	ug/l	97
40) Benzene	8.079	78	983195	51.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	78574	47.828	ug/l	98
42) 1,2-Dichloroethane	8.159	62	267863	51.411	ug/l	98
43) Isopropyl Acetate	8.195	43	286669	51.686	ug/l	99
44) Trichloroethene	8.860	130	247567	51.860	ug/l	100
45) 1,2-Dichloropropane	9.140	63	236274	53.095	ug/l	97
46) Dibromomethane	9.225	93	127739	50.566	ug/l	97
47) Bromodichloromethane	9.420	83	337118	51.752	ug/l	99
48) Methyl methacrylate	9.219	41	139041	52.147	ug/l	96
49) 1,4-Dioxane	9.231	88	28368	950.493	ug/l	97
51) 4-Methyl-2-Pentanone	9.994	43	743998	263.968	ug/l	97
52) Toluene	10.170	92	627248	52.291	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	304704	51.988	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	354041	52.097	ug/l	97
55) 1,1,2-Trichloroethane	10.567	97	167539	51.218	ug/l	98
56) Ethyl methacrylate	10.439	69	232210	52.764	ug/l	95
57) 1,3-Dichloropropane	10.713	76	291448	51.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	593105	256.014	ug/l	99
59) 2-Hexanone	10.756	43	500382	261.127	ug/l	98
60) Dibromochloromethane	10.908	129	217060	51.373	ug/l	98
61) 1,2-Dibromoethane	11.012	107	154490	50.470	ug/l	96
64) Tetrachloroethene	10.646	164	293485	52.379	ug/l	99
65) Chlorobenzene	11.438	112	658269	50.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	224076	50.763	ug/l	99
67) Ethyl Benzene	11.518	91	1198603	52.345	ug/l	98
68) m/p-Xylenes	11.627	106	932712	105.372	ug/l	99
69) o-Xylene	11.951	106	436289	52.310	ug/l	100
70) Styrene	11.963	104	729104	52.188	ug/l	99
71) Bromoform	12.127	173	118808	48.337	ug/l #	99
73) Isopropylbenzene	12.249	105	1126475	52.465	ug/l	99
74) N-amyl acetate	12.066	43	255898	53.097	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	166118	48.005	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	247463	83.492	ug/l #	100
77) Bromobenzene	12.530	156	242346	49.796	ug/l	98
78) n-propylbenzene	12.591	91	1381802	53.304	ug/l	99
79) 2-Chlorotoluene	12.676	91	760527	51.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	914669	52.771	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	56520	48.177	ug/l	97
82) 4-Chlorotoluene	12.774	91	795782	51.727	ug/l	100
83) tert-Butylbenzene	12.993	119	809016	52.925	ug/l	98
84) 1,2,4-Trimethylbenzene	13.036	105	912803	52.601	ug/l	100
85) sec-Butylbenzene	13.170	105	1232105	53.571	ug/l	100
86) p-Isopropyltoluene	13.286	119	1015992	53.084	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	503571	51.520	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	487693	50.231	ug/l	100
89) n-Butylbenzene	13.615	91	960431	53.347	ug/l	99
90) Hexachloroethane	13.877	117	196736	51.609	ug/l	96
91) 1,2-Dichlorobenzene	13.658	146	429981	49.919	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	26565	45.269	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	224445	46.151	ug/l	97
94) Hexachlorobutadiene	15.017	225	127570	46.388	ug/l	98
95) Naphthalene	15.139	128	396326	45.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	187451	44.605	ug/l	99

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QLast Update : Tue Jun 24 08:29:52 2025
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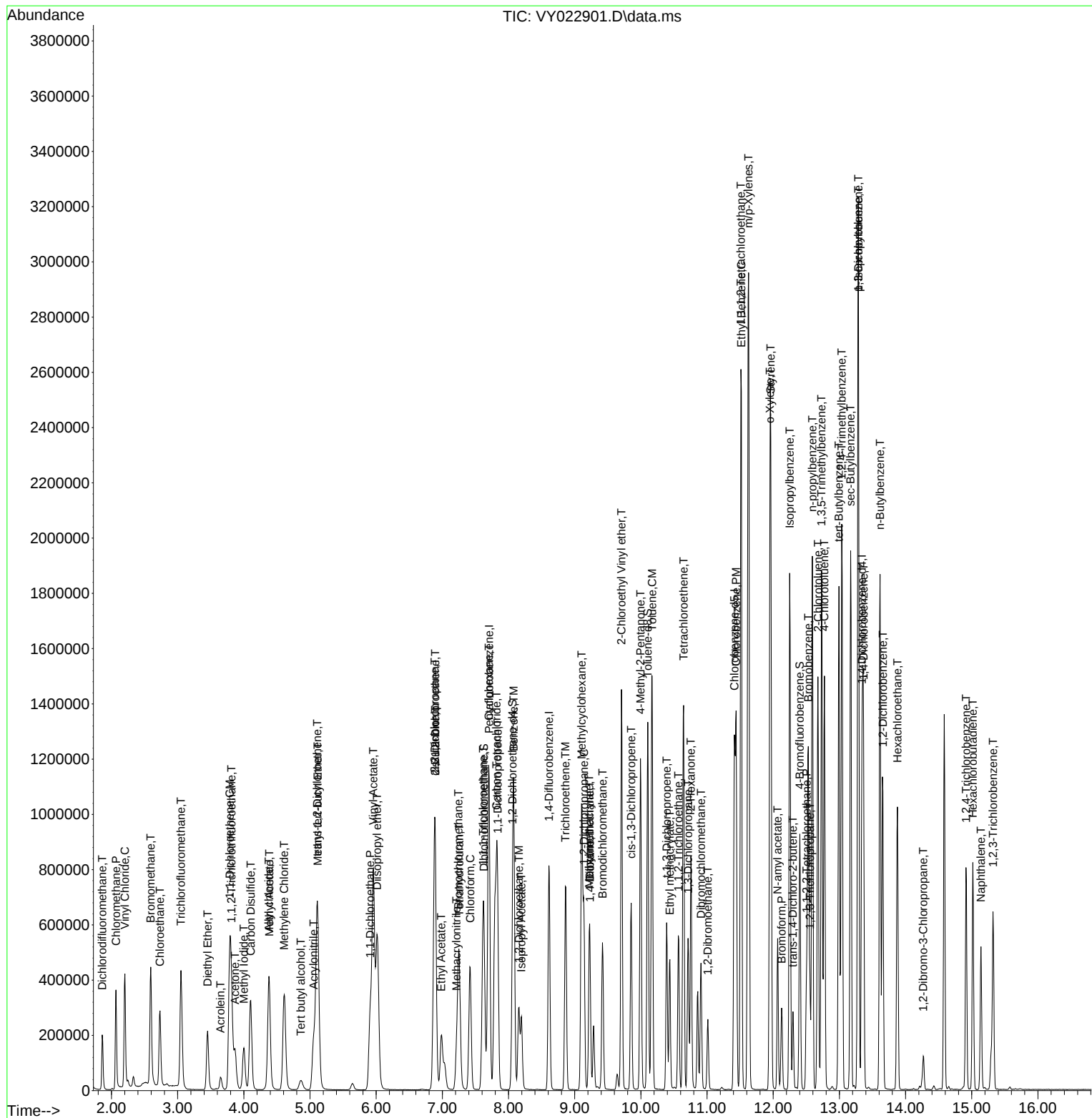
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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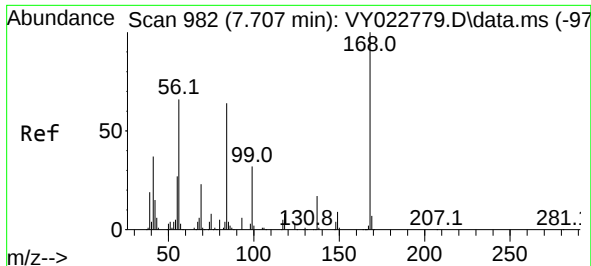
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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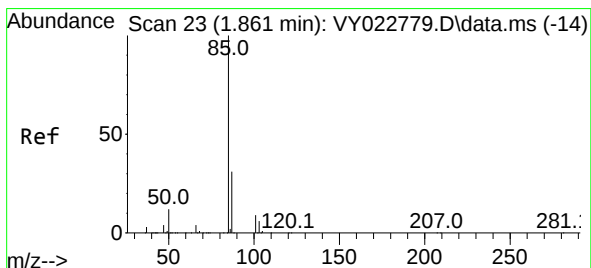
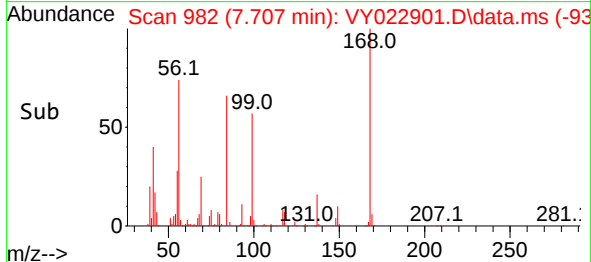
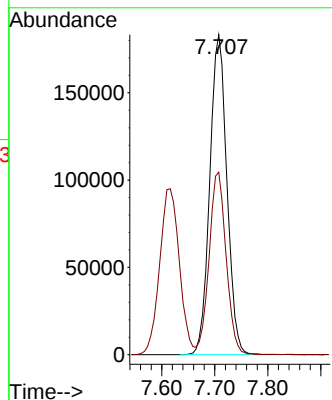
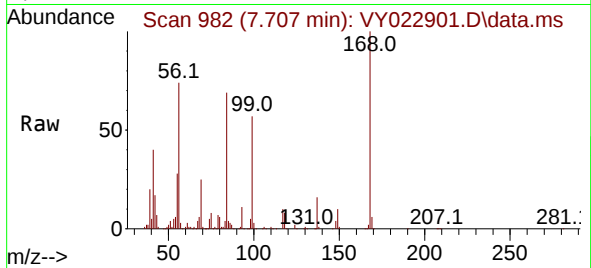




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022901.D
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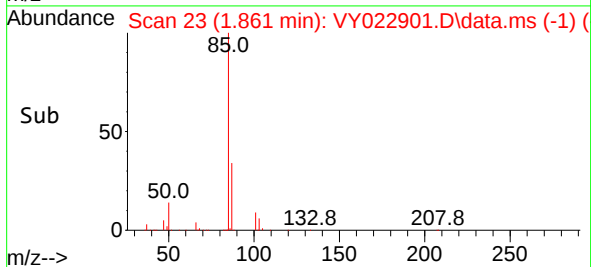
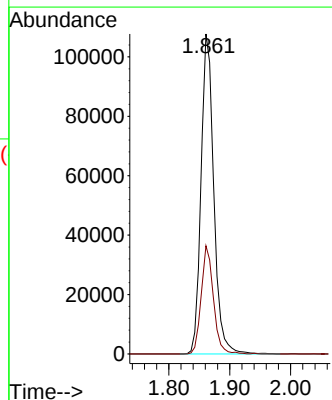
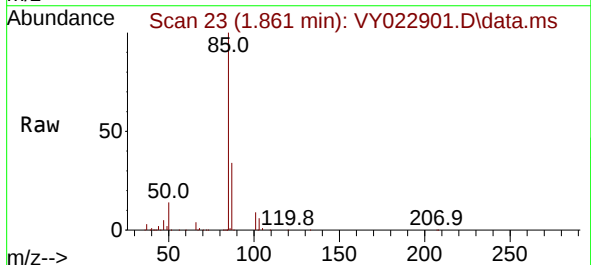
Instrument :
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ClientSampleId :
VSTDCCC050EC

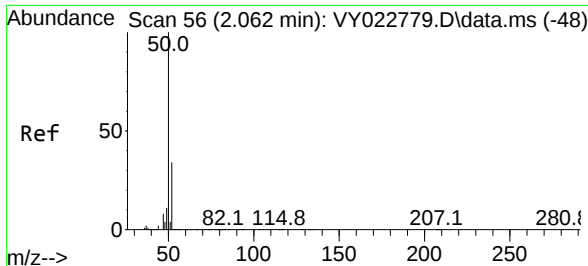
Tgt Ion:168 Resp: 410853
Ion Ratio Lower Upper
168 100
99 57.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.665 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 85 Resp: 156920
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.0

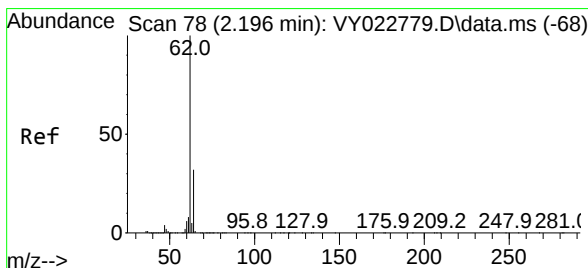
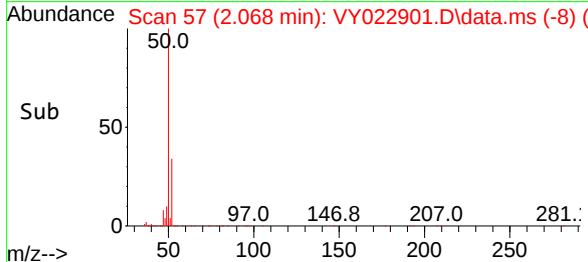
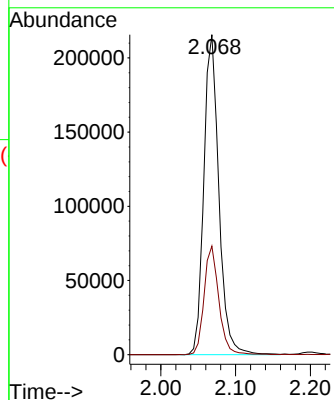
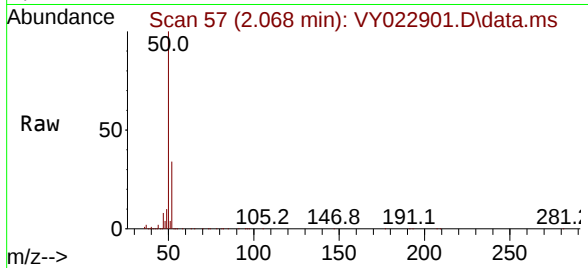




#3
Chloromethane
Concen: 44.951 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

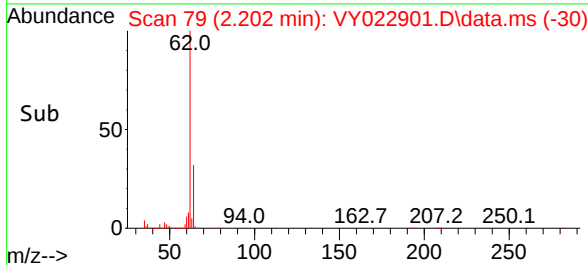
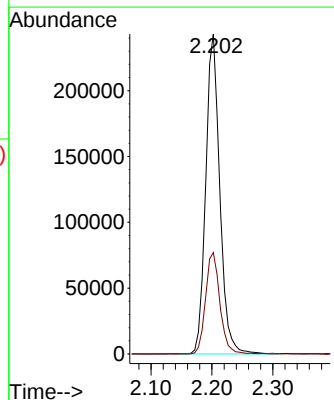
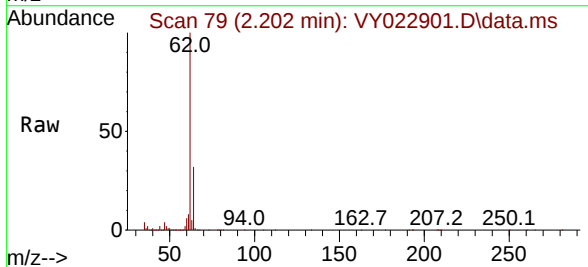
Instrument :
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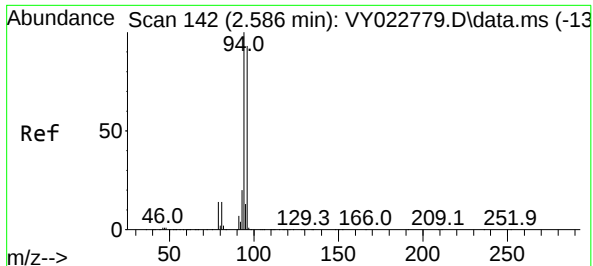
Tgt Ion: 50 Resp: 301561
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0



#4
Vinyl Chloride
Concen: 46.455 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 62 Resp: 389355
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

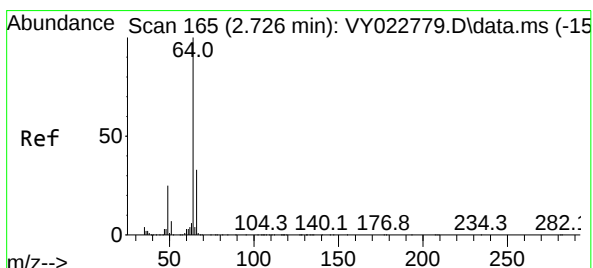
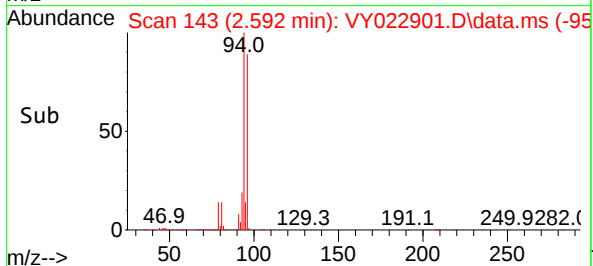
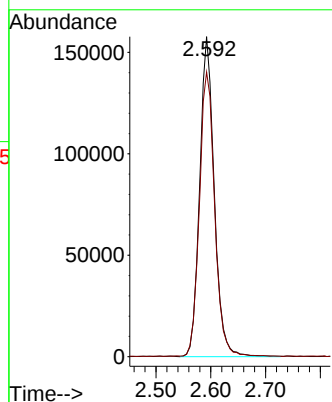
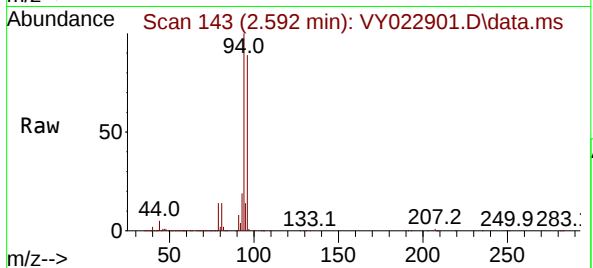




#5
Bromomethane
Concen: 44.343 ug/l
RT: 2.592 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY022901.D
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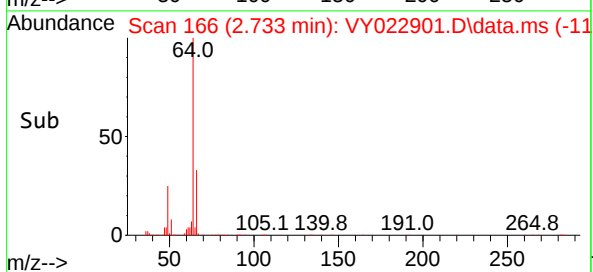
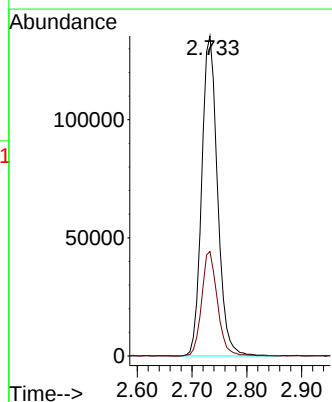
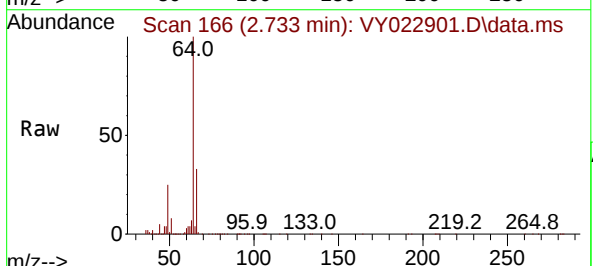
Instrument :
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Tgt Ion: 94 Resp: 292177
Ion Ratio Lower Upper
94 100
96 88.8 74.0 111.0



#6
Chloroethane
Concen: 48.173 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 64 Resp: 271399
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.6

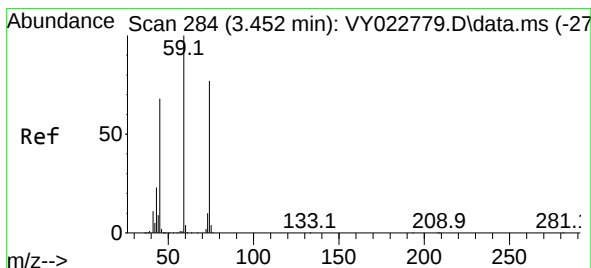
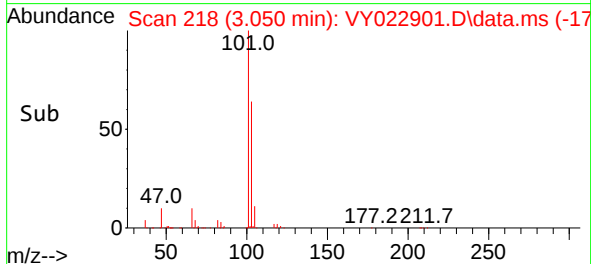
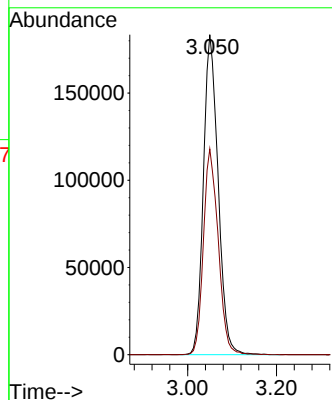
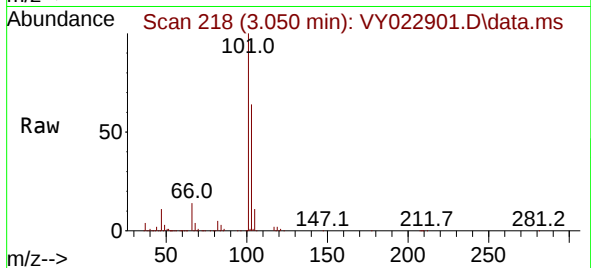




#7
Trichlorofluoromethane
Concen: 45.563 ug/l
RT: 3.050 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

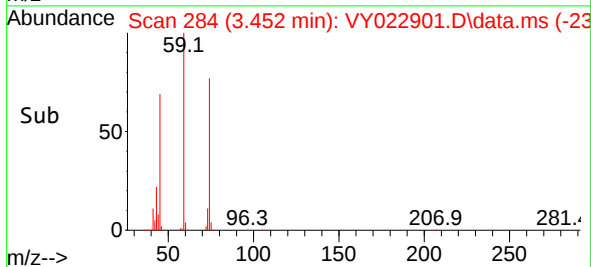
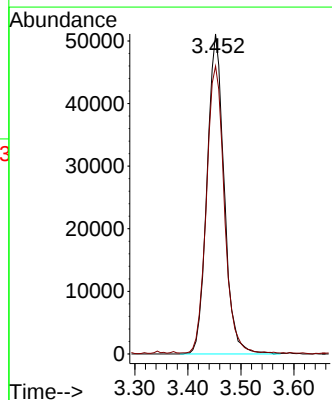
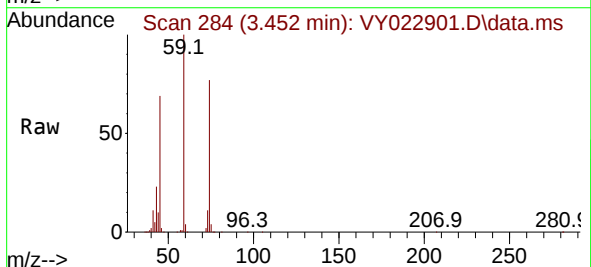
Instrument :
MSVOA_Y
ClientSampleId :
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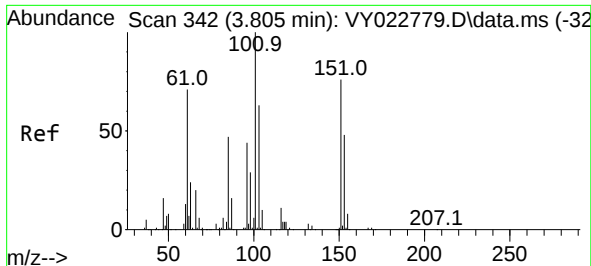
Tgt Ion:101 Resp: 422843
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2



#8
Diethyl Ether
Concen: 49.891 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 114356
Ion Ratio Lower Upper
74 100
45 93.7 45.9 137.6

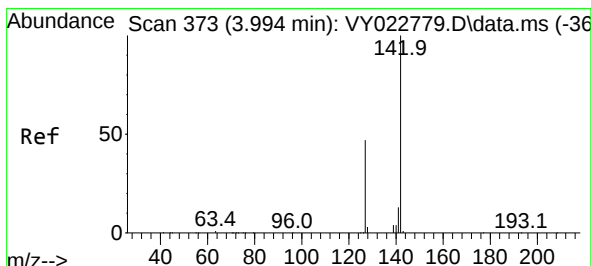
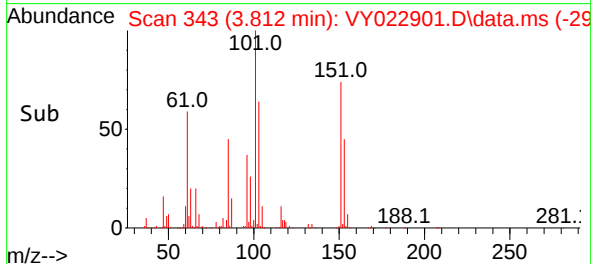
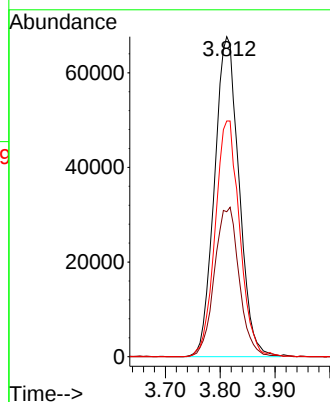
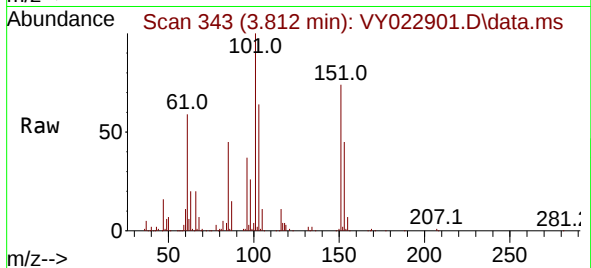




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.597 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

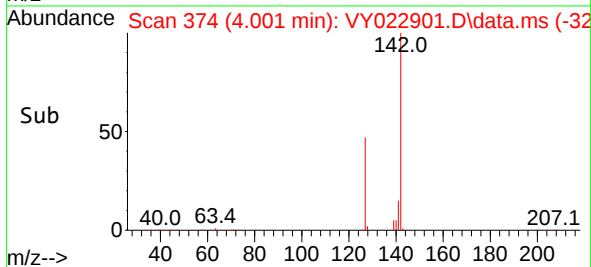
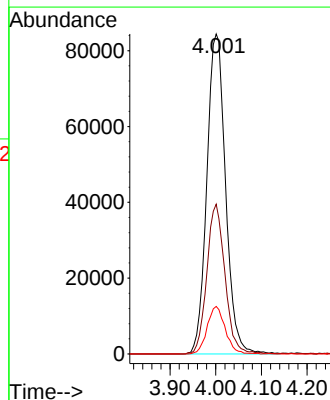
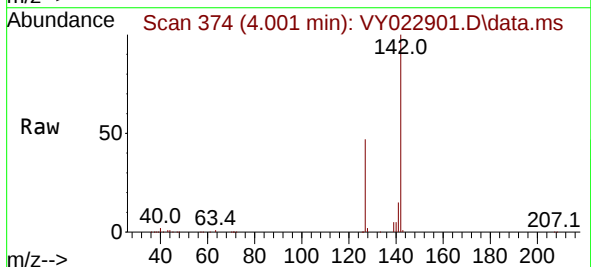
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 210348
Ion Ratio Lower Upper
101 100
85 47.3 39.3 58.9
151 73.8 57.8 86.8



#10
Methyl Iodide
Concen: 52.098 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion:142 Resp: 240568
Ion Ratio Lower Upper
142 100
127 45.3 37.1 55.7
141 14.4 11.4 17.2

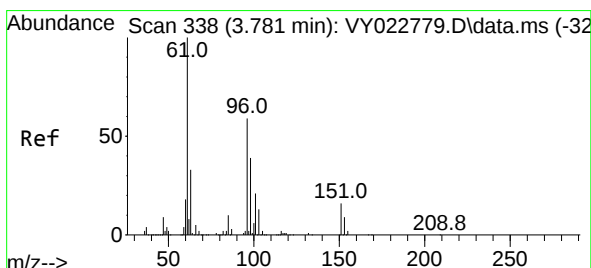
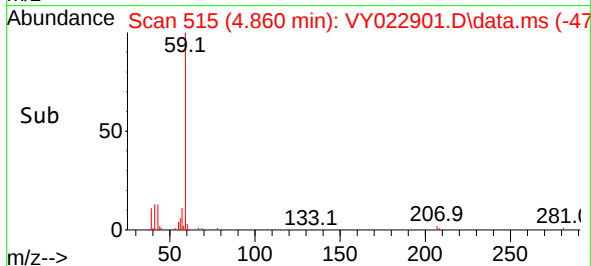
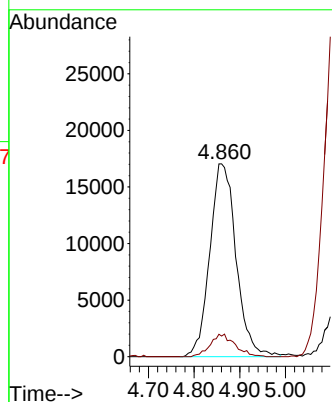
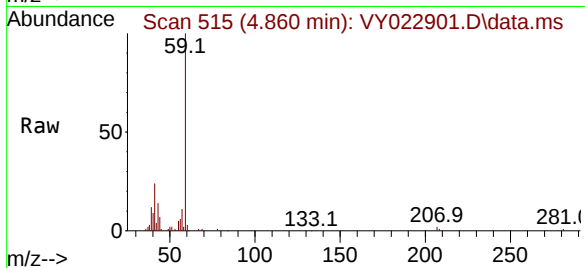




#11
Tert butyl alcohol
Concen: 223.512 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.024 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

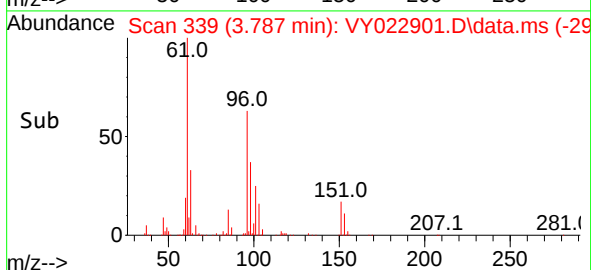
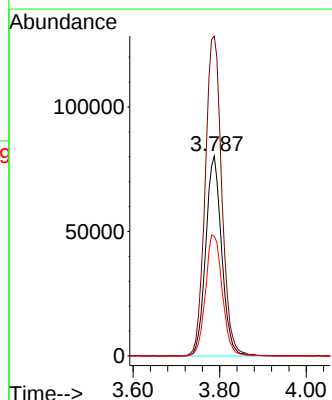
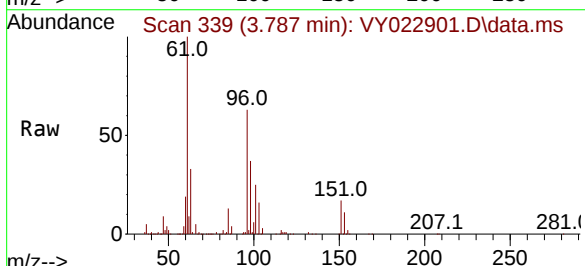
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

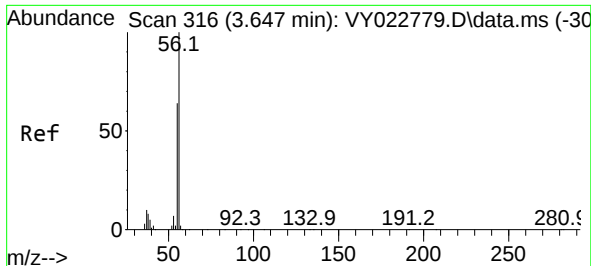
Tgt Ion: 59 Resp: 68150
Ion Ratio Lower Upper
59 100
57 11.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.445 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 96 Resp: 205625
Ion Ratio Lower Upper
96 100
61 159.9 134.6 201.8
98 59.9 50.2 75.4

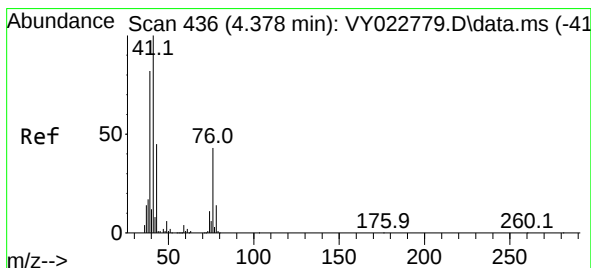
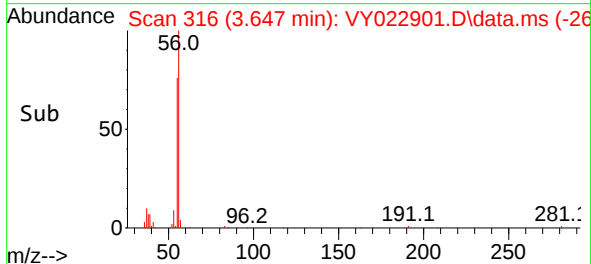
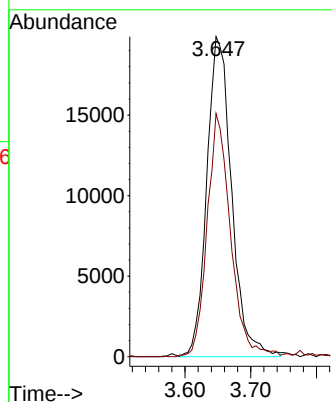
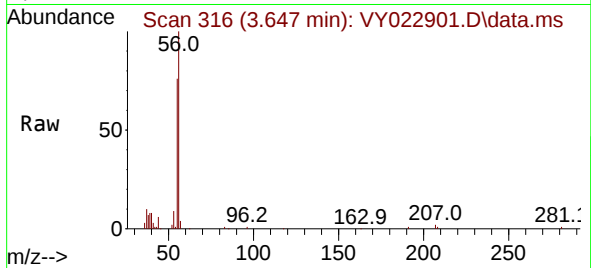




#13
Acrolein
Concen: 125.995 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

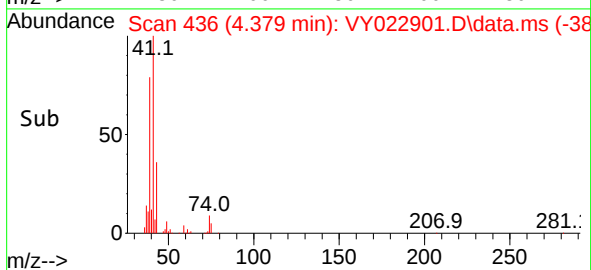
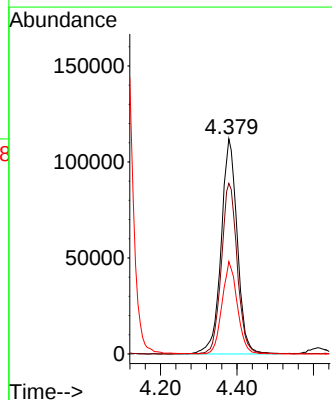
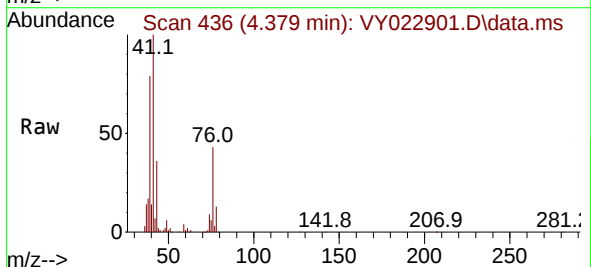
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

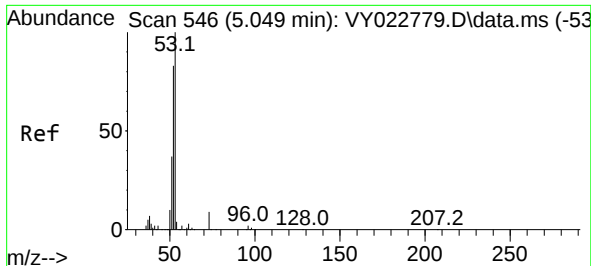
Tgt Ion: 56 Resp: 52093
Ion Ratio Lower Upper
56 100
55 71.8 57.0 85.6



#14
Allyl chloride
Concen: 51.301 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 41 Resp: 328147
Ion Ratio Lower Upper
41 100
39 77.6 69.1 103.7
76 40.3 33.5 50.3

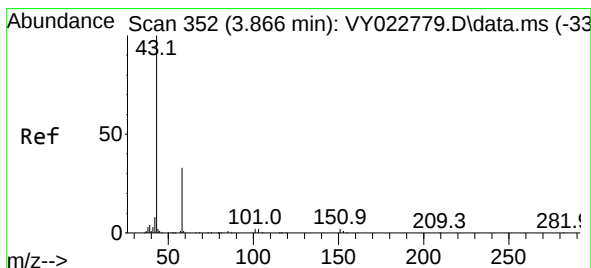
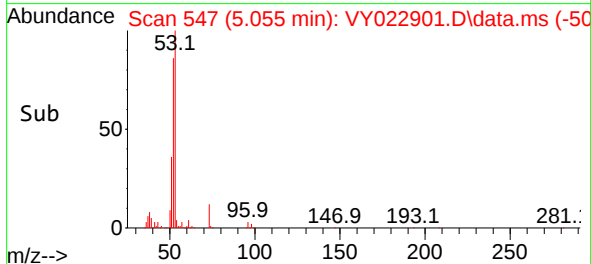
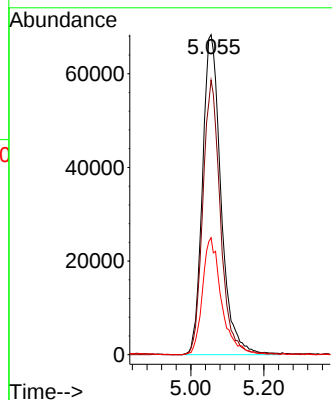
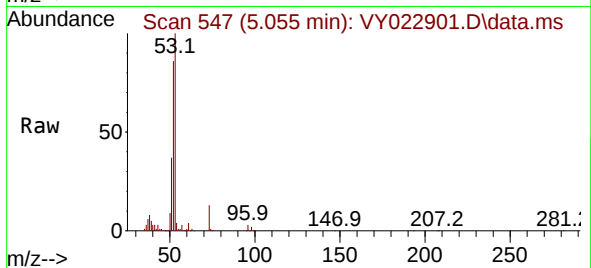




#15
Acrylonitrile
Concen: 251.379 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

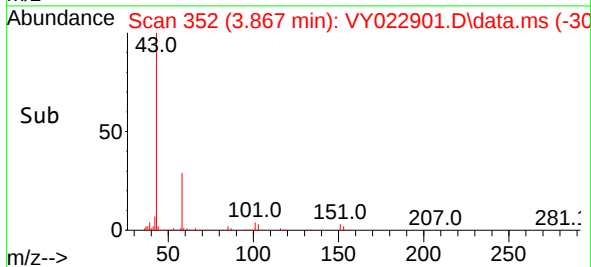
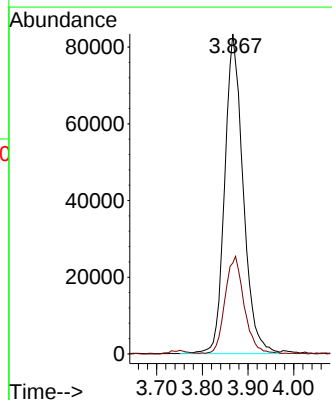
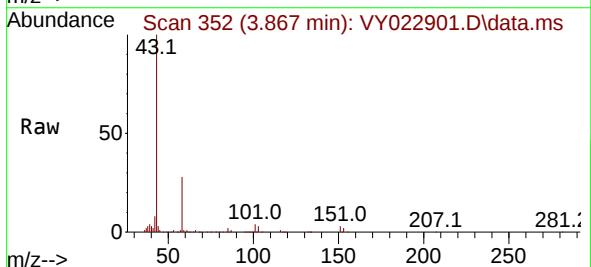
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

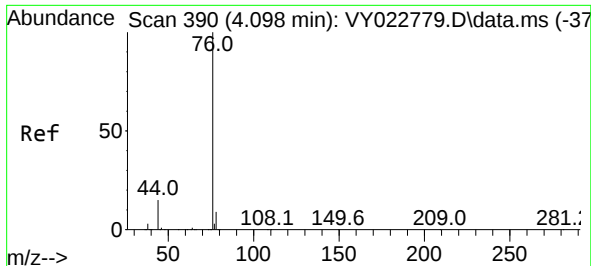
Tgt Ion: 53 Resp: 240404
Ion Ratio Lower Upper
53 100
52 81.3 65.7 98.5
51 37.5 30.1 45.1



#16
Acetone
Concen: 269.800 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 43 Resp: 233836
Ion Ratio Lower Upper
43 100
58 28.3 24.0 36.0

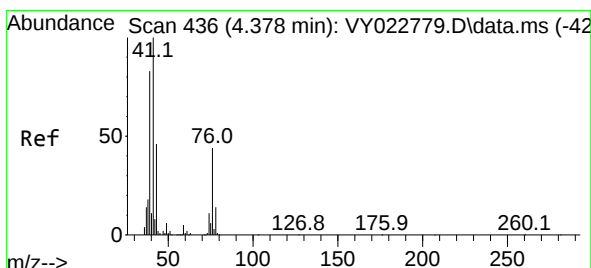
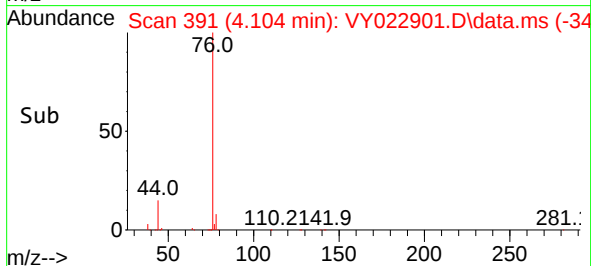
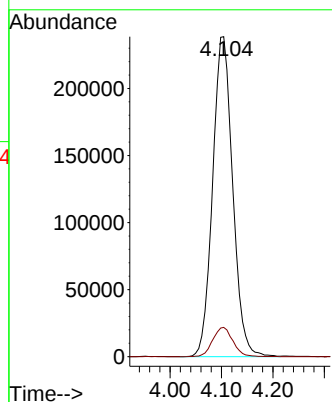
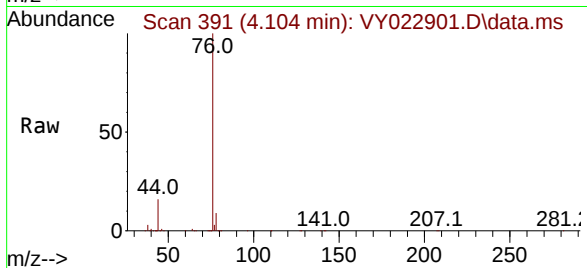




#17
Carbon Disulfide
Concen: 48.179 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

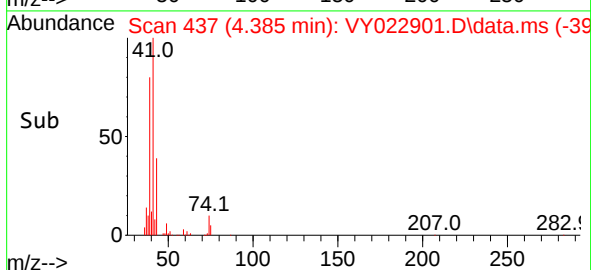
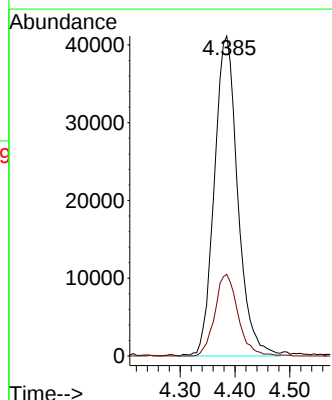
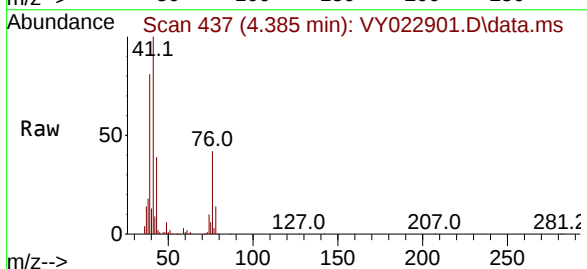
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 647260
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 42.507 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 43 Resp: 122005
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6

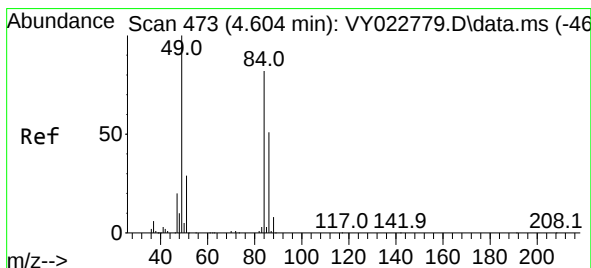
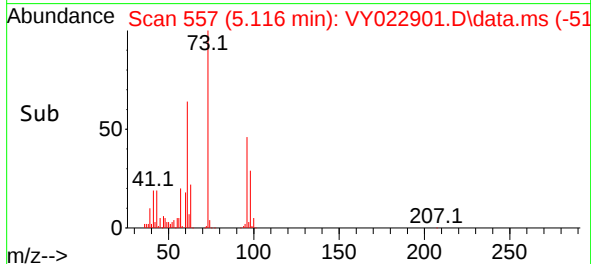
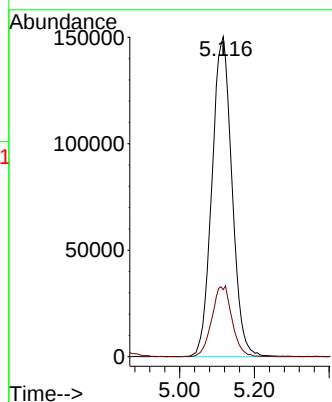
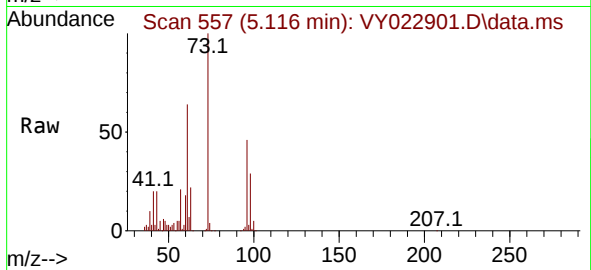




#19
Methyl tert-butyl Ether
Concen: 49.328 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

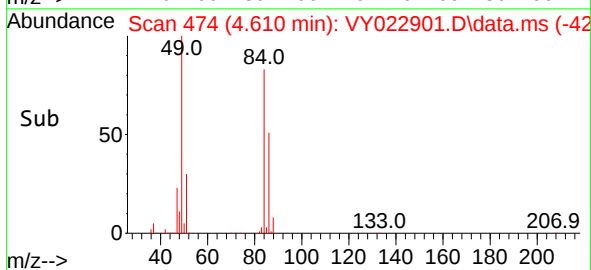
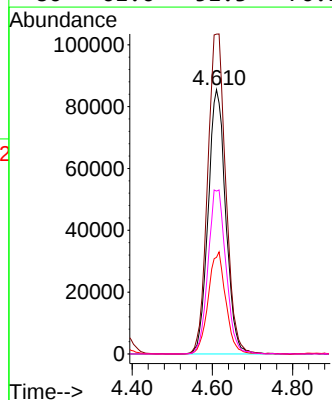
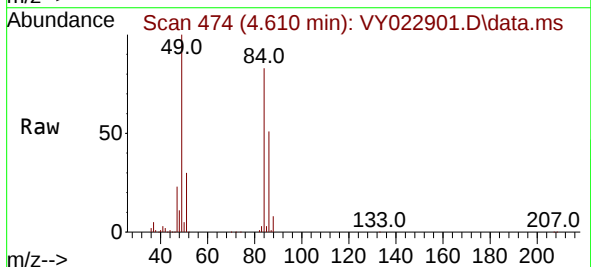
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

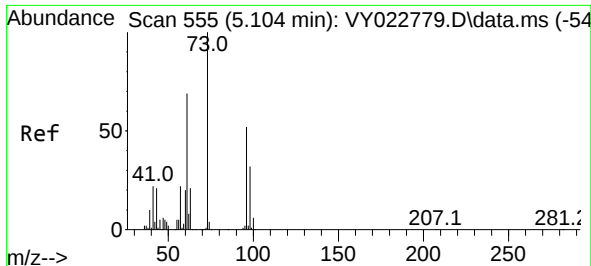
Tgt Ion: 73 Resp: 558565
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0



#20
Methylene Chloride
Concen: 47.492 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 84 Resp: 259944
Ion Ratio Lower Upper
84 100
49 121.0 101.9 152.9
51 36.6 29.8 44.8
86 61.6 51.3 76.9

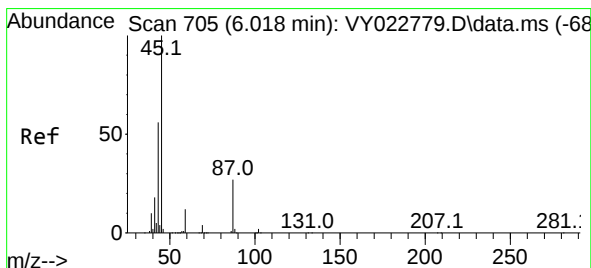
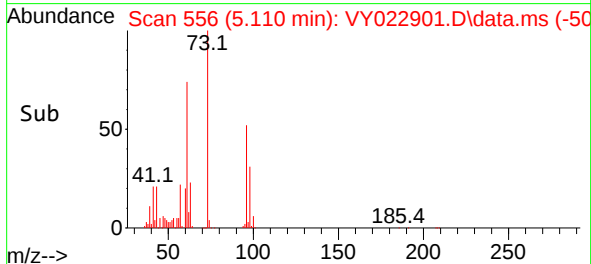
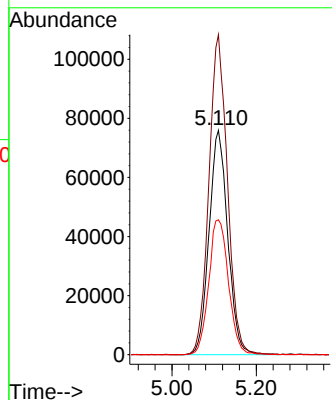
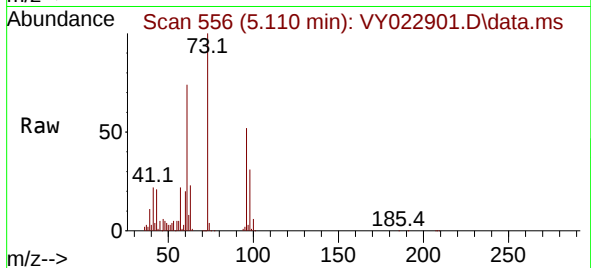




#21
trans-1,2-Dichloroethene
Concen: 49.257 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

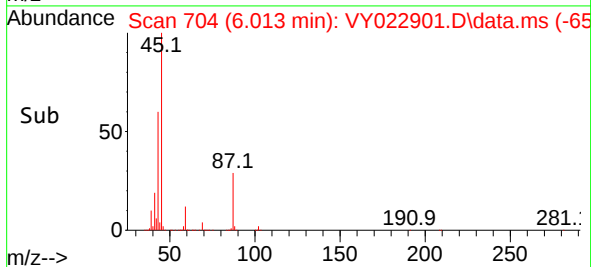
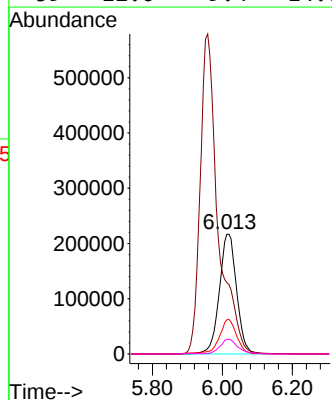
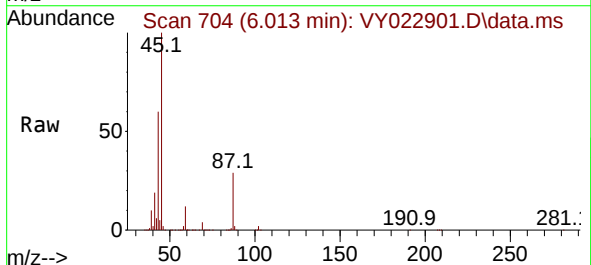
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

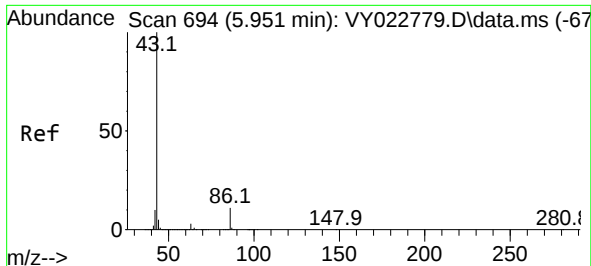
Tgt Ion: 96 Resp: 234109
Ion Ratio Lower Upper
96 100
61 142.6 112.6 169.0
98 60.1 50.6 75.8



#22
Diisopropyl ether
Concen: 52.164 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 45 Resp: 741000
Ion Ratio Lower Upper
45 100
43 59.7 48.3 72.5
87 28.5 23.0 34.6
59 12.0 9.4 14.0

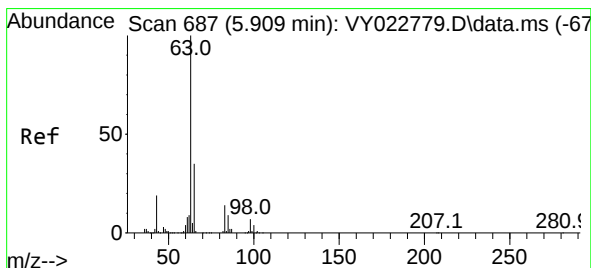
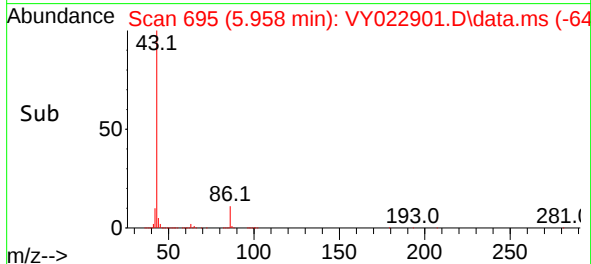
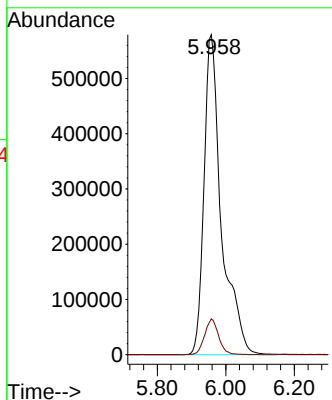
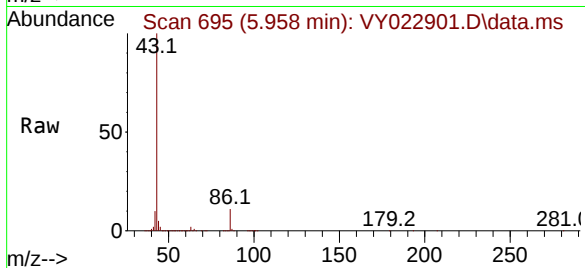




#23
 Vinyl Acetate
 Concen: 261.462 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

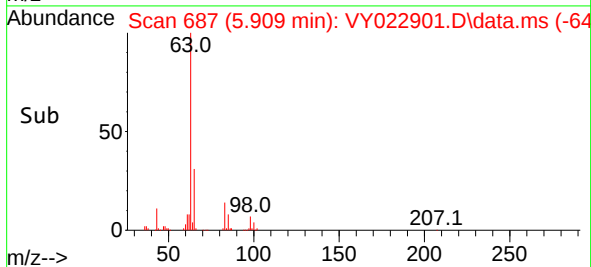
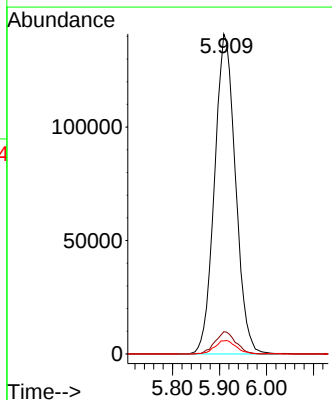
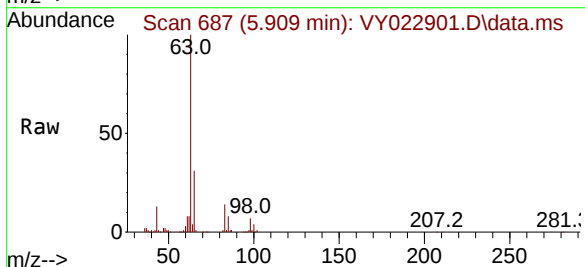
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

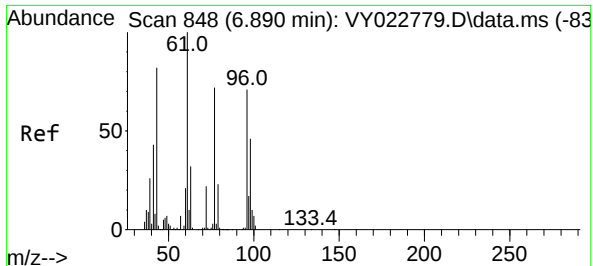
Tgt Ion: 43 Resp: 2051274
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 51.012 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

Tgt Ion: 63 Resp: 437699
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 257.999 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

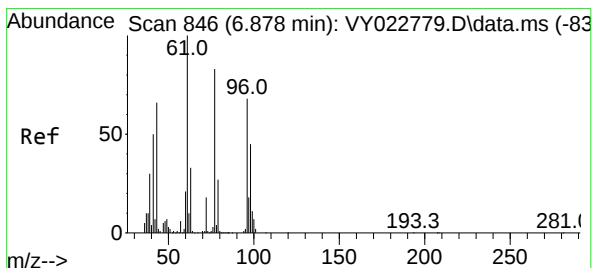
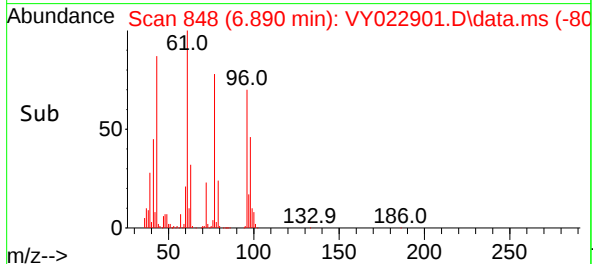
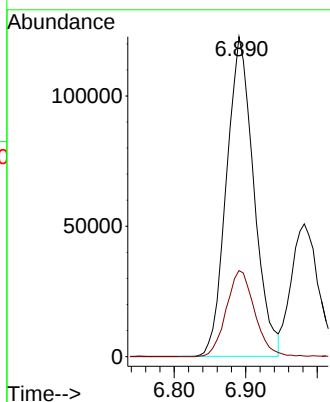
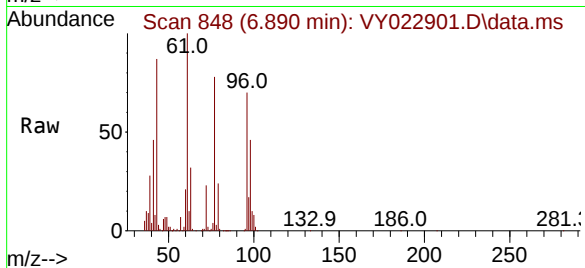
VSTDCCC050EC

Tgt Ion: 43 Resp: 325444

Ion Ratio Lower Upper

43 100

72 26.9 22.9 34.3



#26

2,2-Dichloropropane

Concen: 50.679 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022901.D

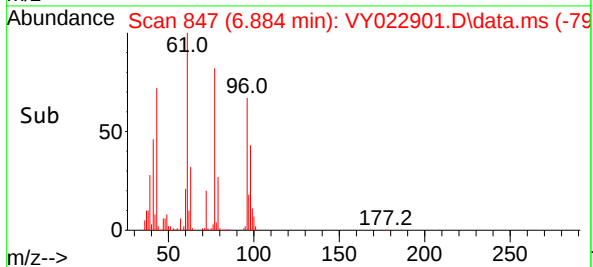
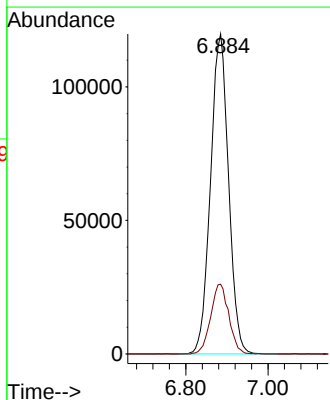
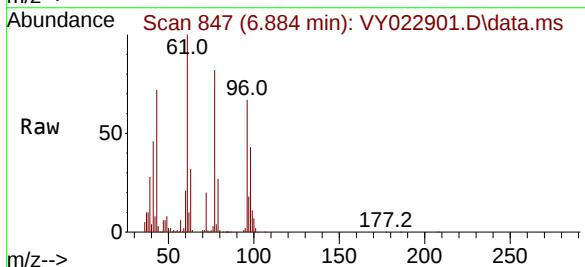
Acq: 01 Jul 2025 16:27

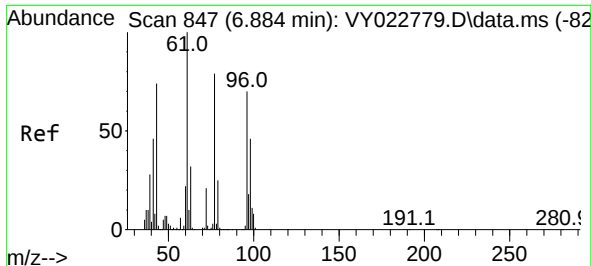
Tgt Ion: 77 Resp: 364509

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.2



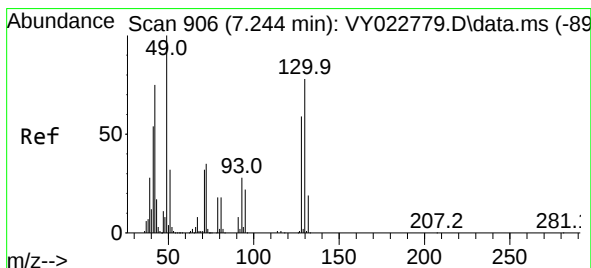
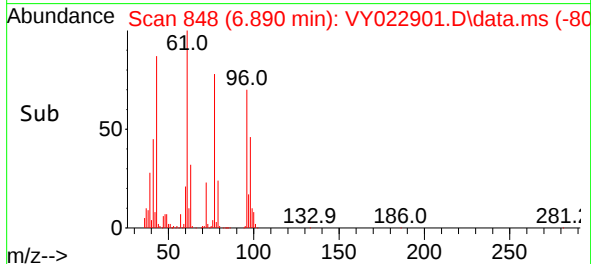
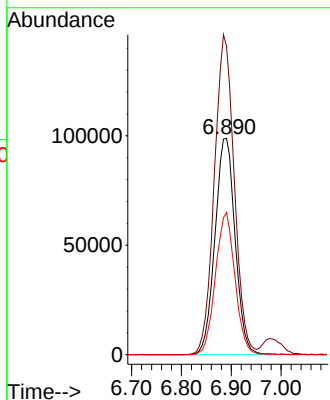
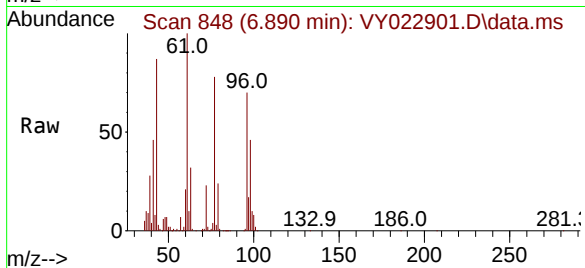


#27
 cis-1,2-Dichloroethene
 Concen: 50.238 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 277457

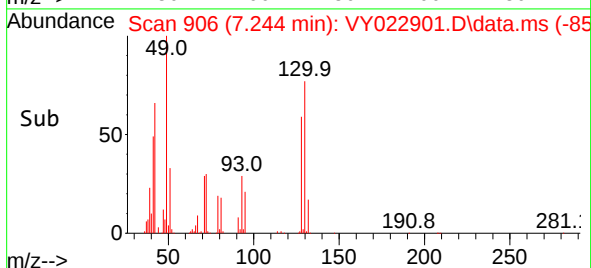
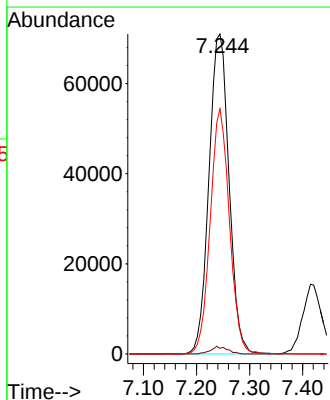
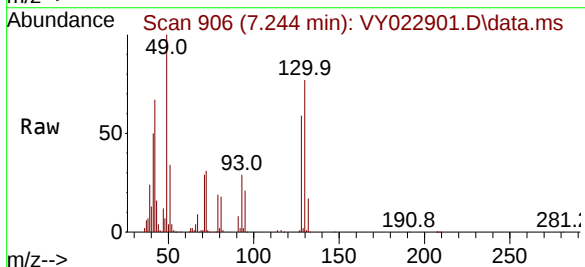
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	290.0
98	63.9	0.0	128.4

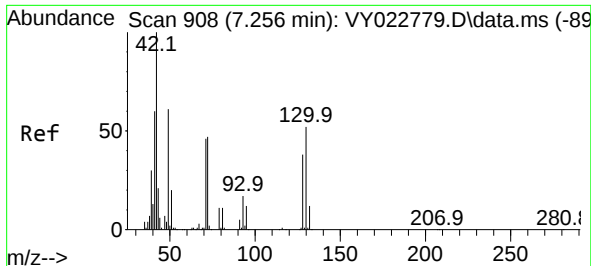


#28
 Bromochloromethane
 Concen: 51.707 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

Tgt Ion: 49 Resp: 186521

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	73.3	55.7	83.5





#29

Tetrahydrofuran

Concen: 247.950 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

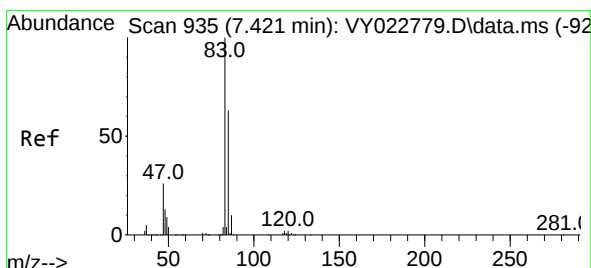
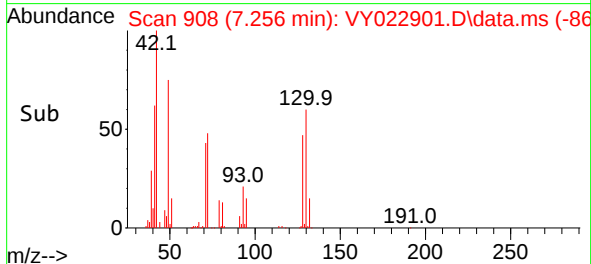
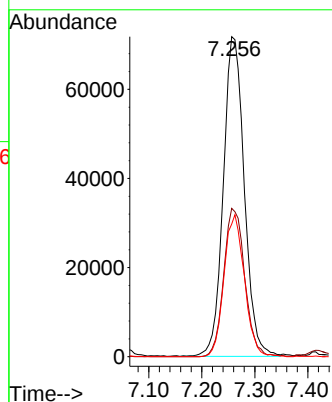
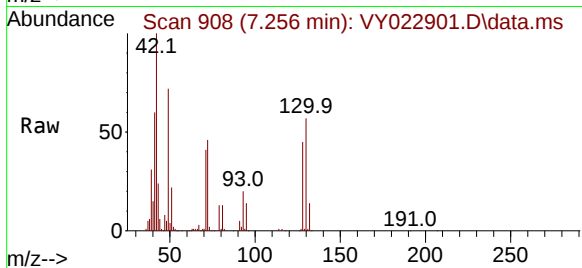
Tgt Ion: 42 Resp: 197496

Ion Ratio Lower Upper

42 100

72 46.6 37.4 56.2

71 43.3 34.2 51.2



#30

Chloroform

Concen: 49.700 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022901.D

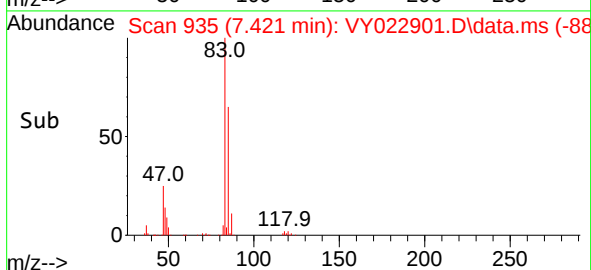
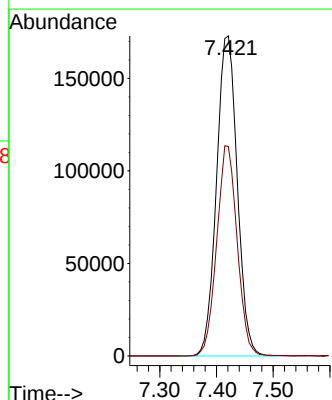
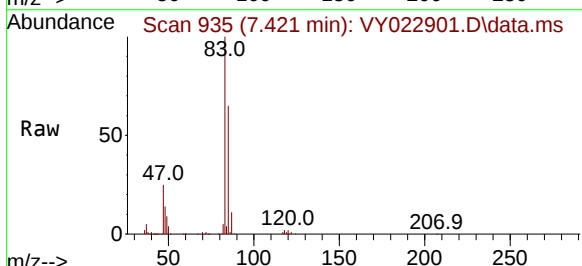
Acq: 01 Jul 2025 16:27

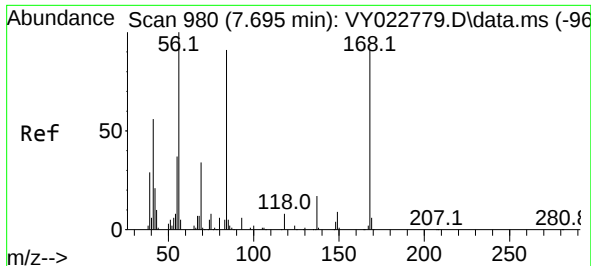
Tgt Ion: 83 Resp: 439221

Ion Ratio Lower Upper

83 100

85 65.5 54.2 81.4

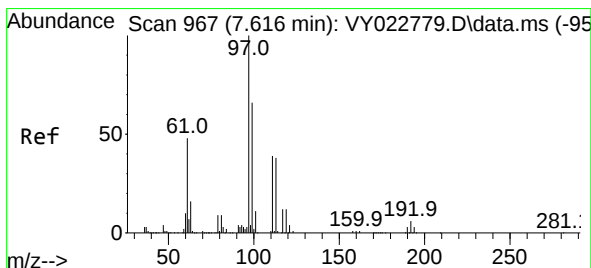
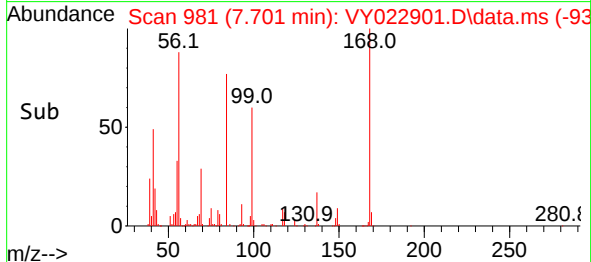
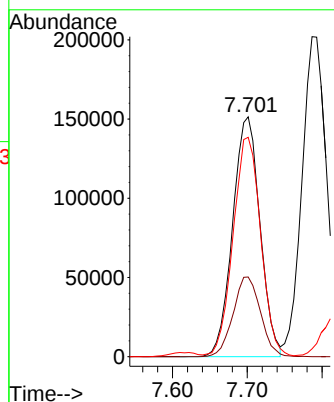
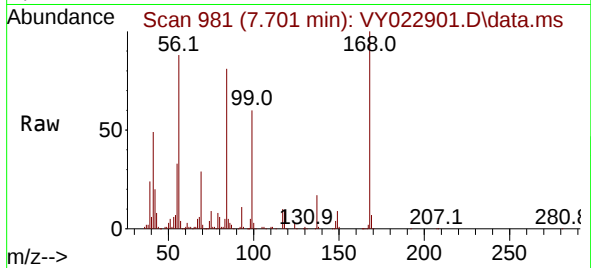




#31
Cyclohexane
Concen: 48.866 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

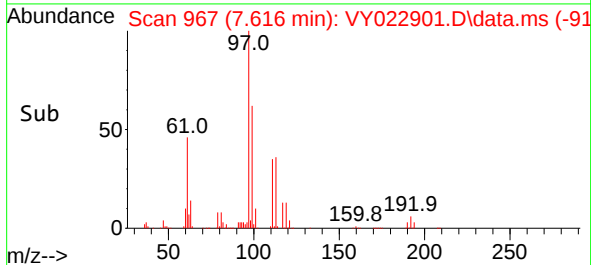
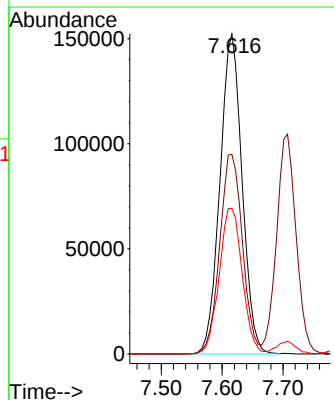
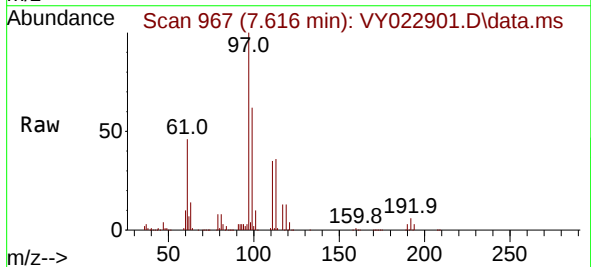
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

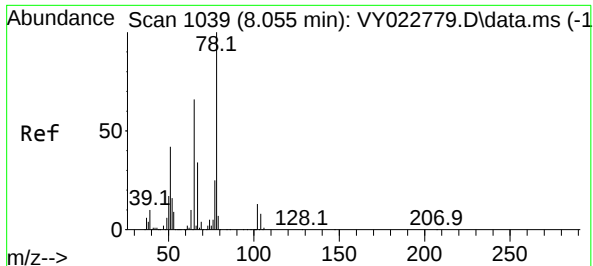
Tgt Ion: 56 Resp: 384880
Ion Ratio Lower Upper
56 100
69 33.2 27.0 40.6
84 89.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 50.203 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 97 Resp: 383402
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 47.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.881 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

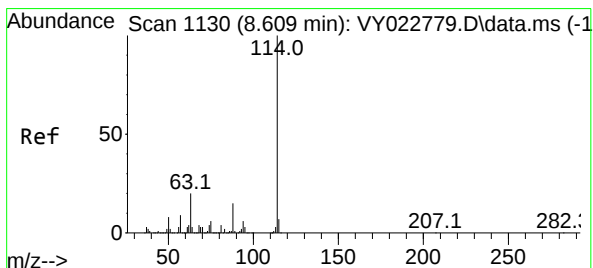
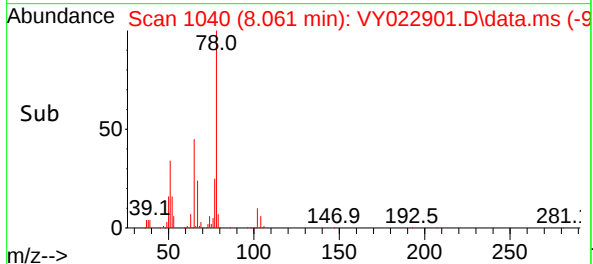
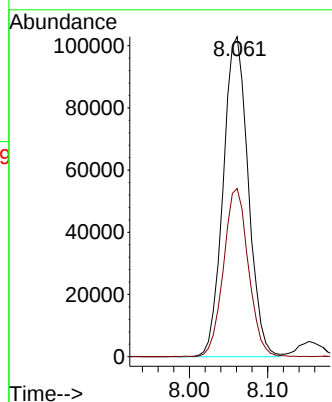
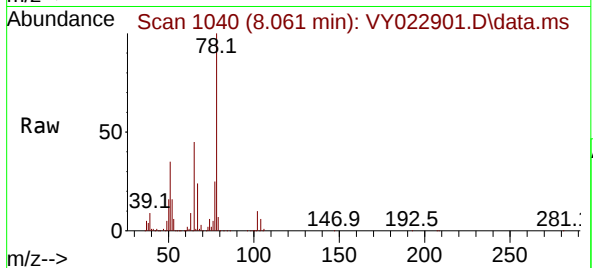
VSTDCCC050EC

Tgt Ion: 65 Resp: 228732

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

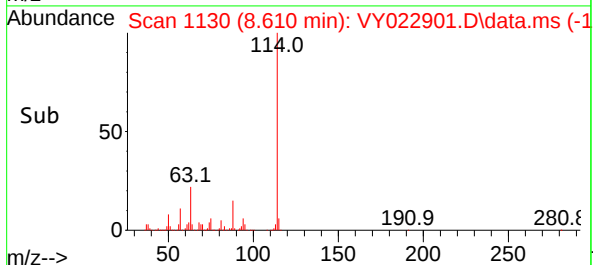
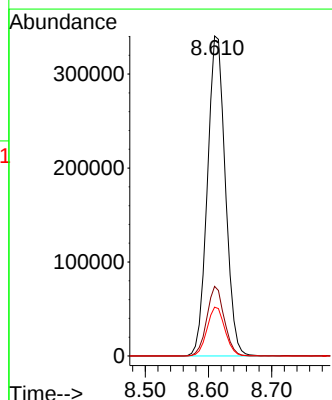
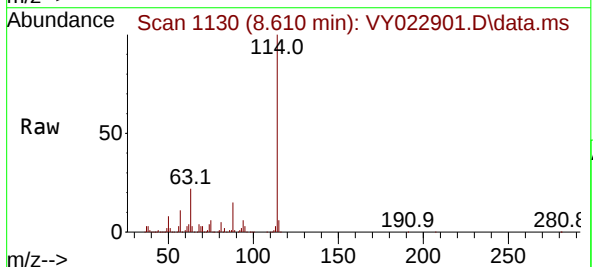
Tgt Ion: 114 Resp: 670879

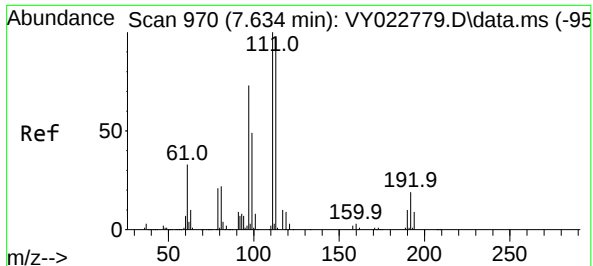
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 15.2 0.0 27.8

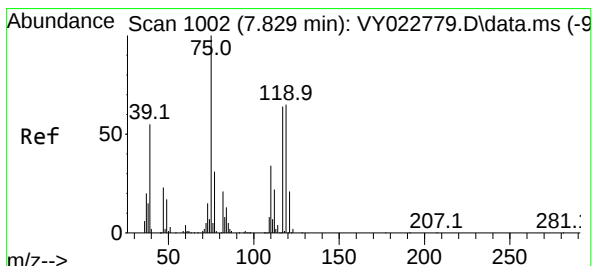
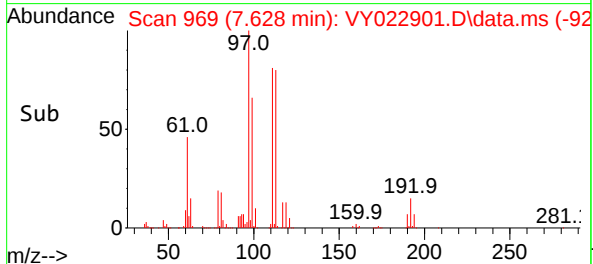
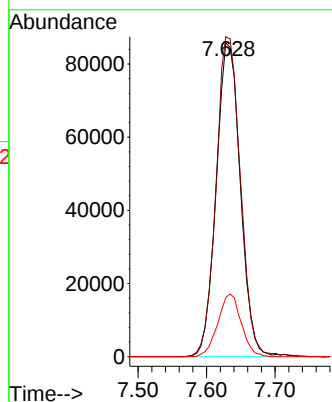
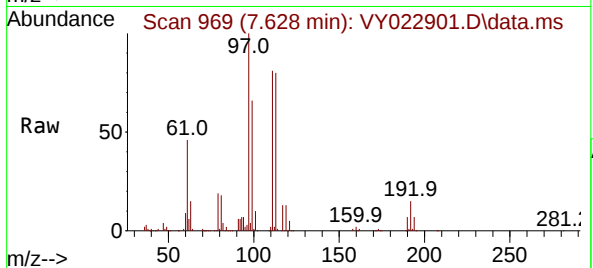




#35
Dibromofluoromethane
Concen: 51.359 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

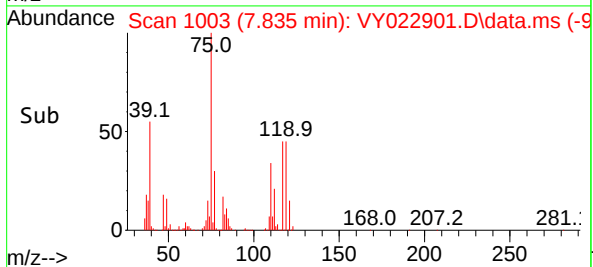
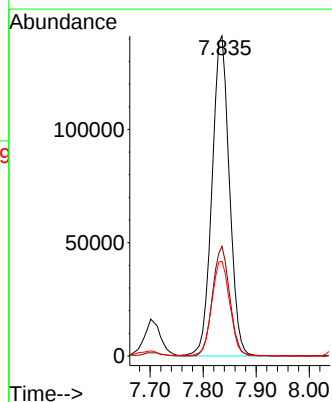
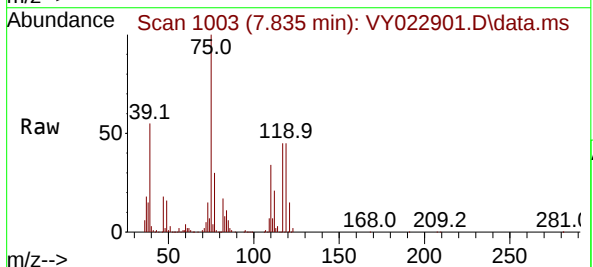
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

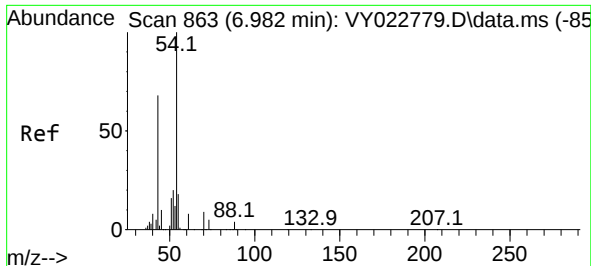
Tgt Ion:113 Resp: 209541
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 19.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 52.111 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 75 Resp: 322266
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 51.752 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

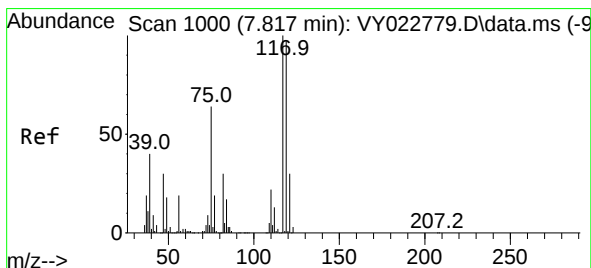
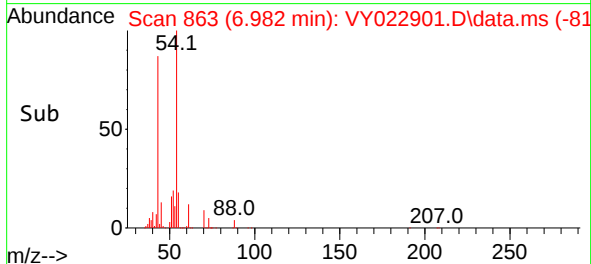
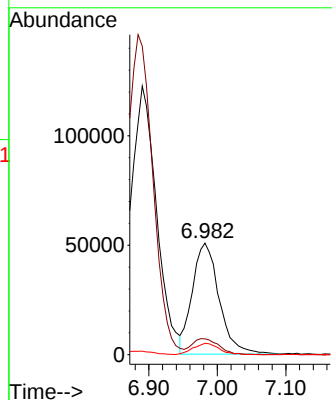
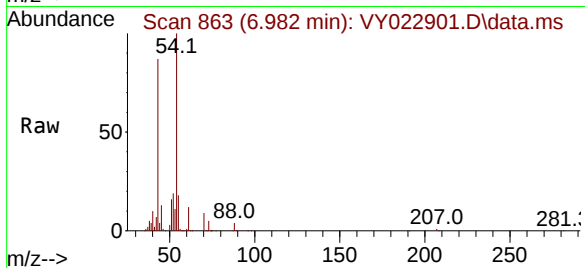
Tgt Ion: 43 Resp: 138105

Ion Ratio Lower Upper

43 100

61 14.6 11.5 17.3

70 9.9 7.2 10.8



#38

Carbon Tetrachloride

Concen: 50.239 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

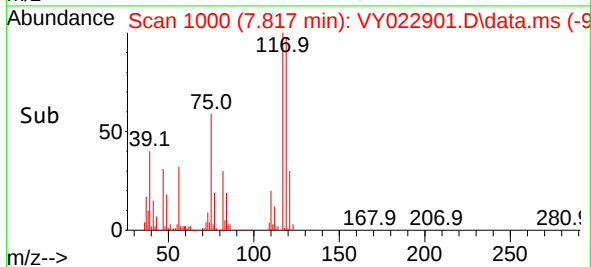
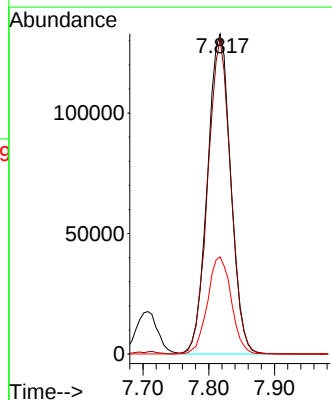
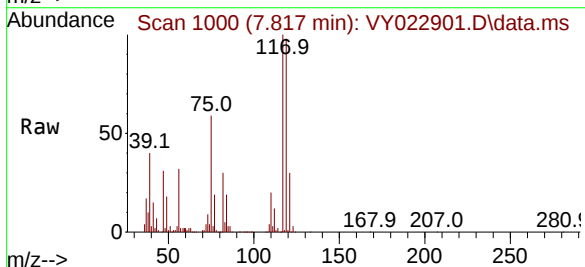
Tgt Ion: 117 Resp: 327818

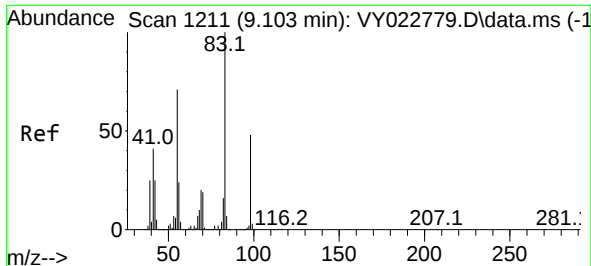
Ion Ratio Lower Upper

117 100

119 98.5 75.0 112.6

121 30.3 25.0 37.4





#39

Methylcyclohexane

Concen: 52.281 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

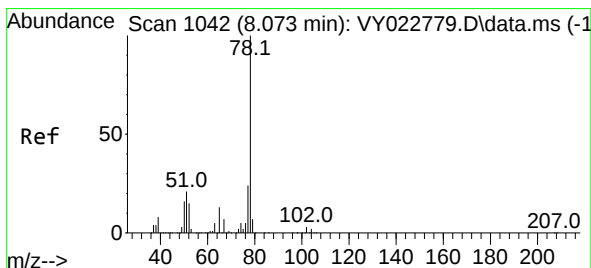
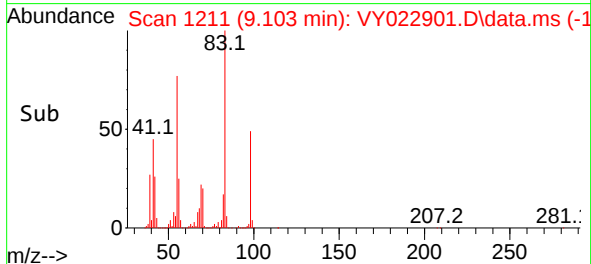
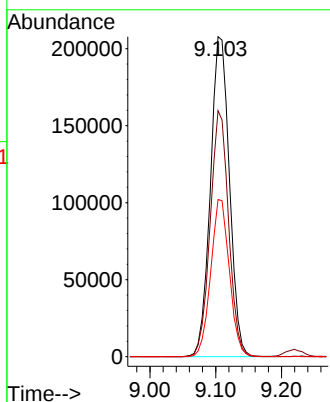
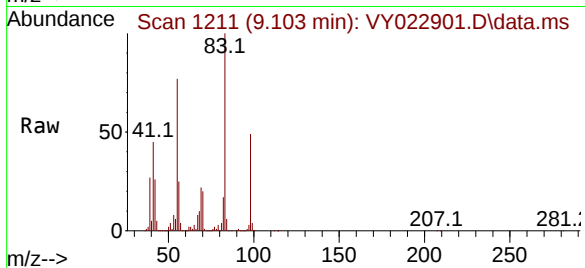
Tgt Ion: 83 Resp: 418404

Ion Ratio Lower Upper

83 100

55 76.8 58.1 87.1

98 49.1 39.0 58.6



#40

Benzene

Concen: 51.710 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022901.D

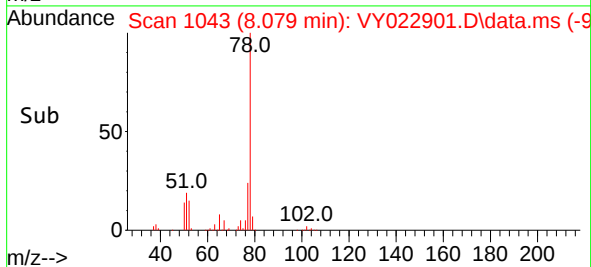
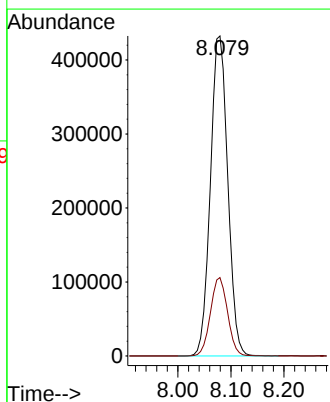
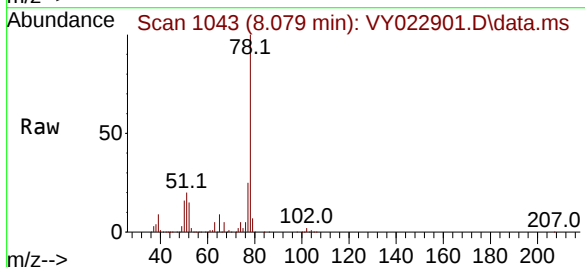
Acq: 01 Jul 2025 16:27

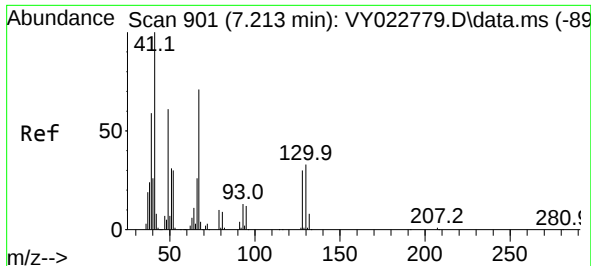
Tgt Ion: 78 Resp: 983195

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

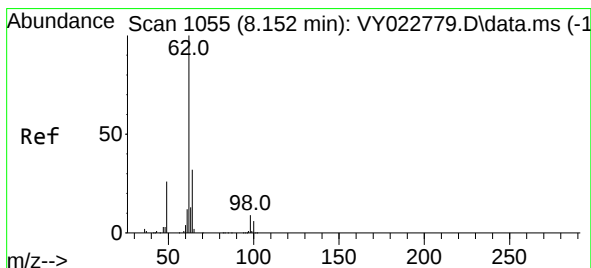
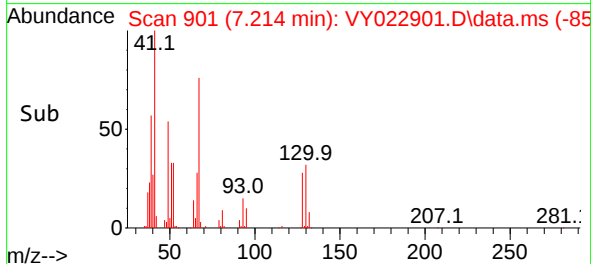
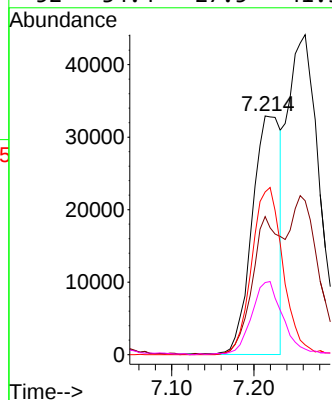
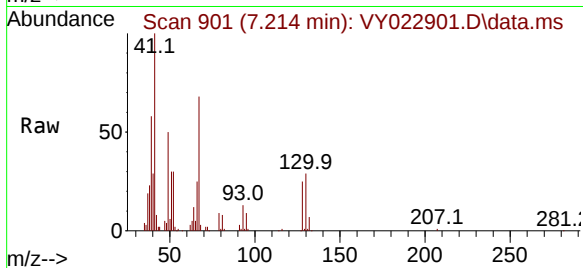




#41
Methacrylonitrile
Concen: 47.828 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.018 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

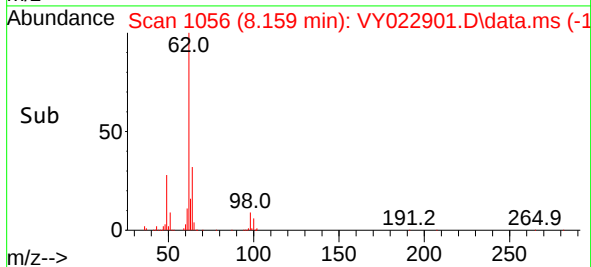
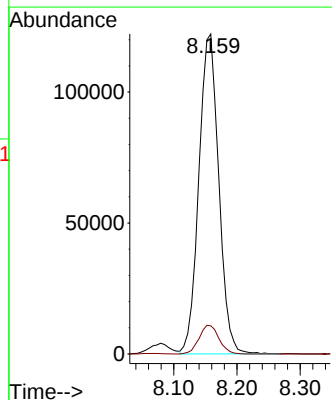
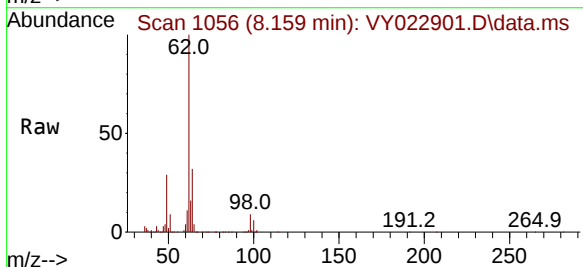
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

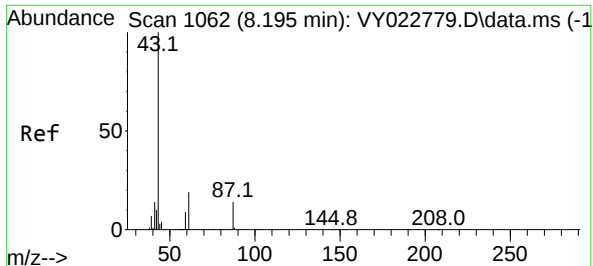
Tgt Ion:	41	Resp:	78574
Ion	Ratio	Lower	Upper
41	100		
39	61.7	46.6	69.8
67	77.8	63.3	94.9
52	34.4	27.5	41.3



#42
1,2-Dichloroethane
Concen: 51.411 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion:	62	Resp:	267863
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

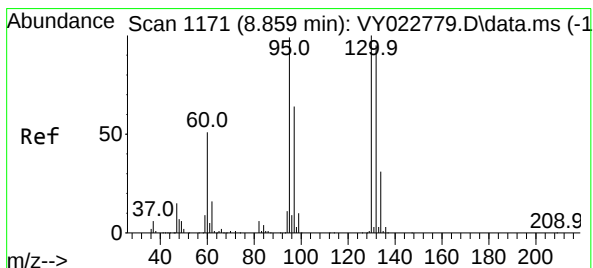
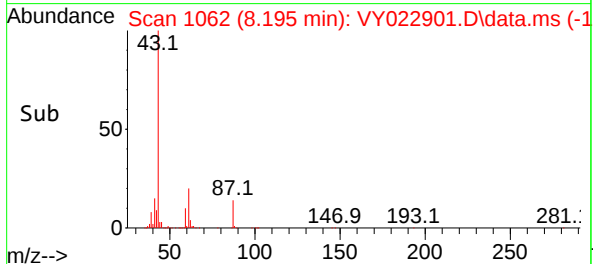
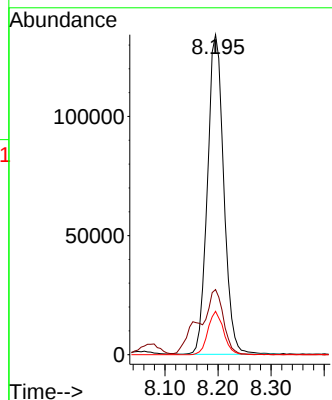
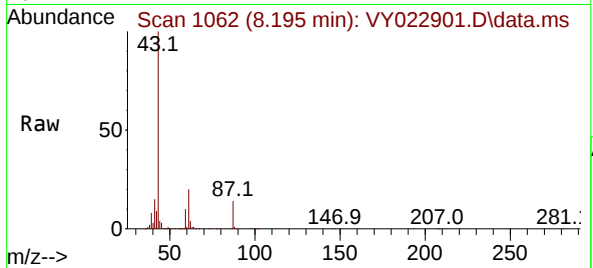




#43
Isopropyl Acetate
Concen: 51.686 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

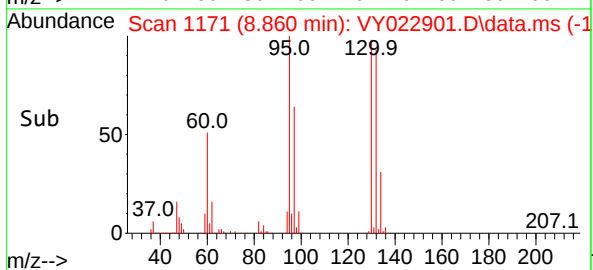
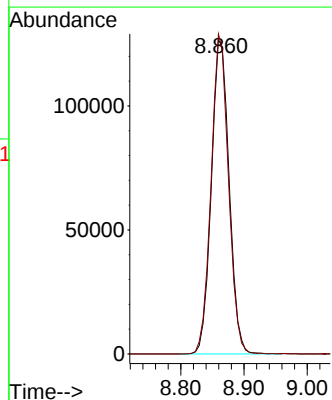
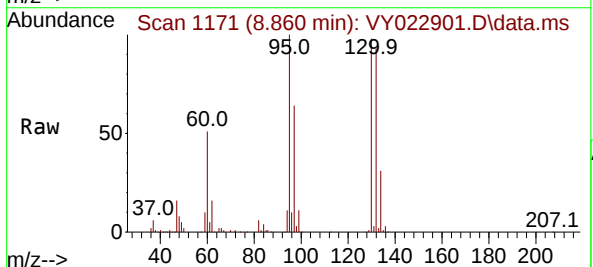
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

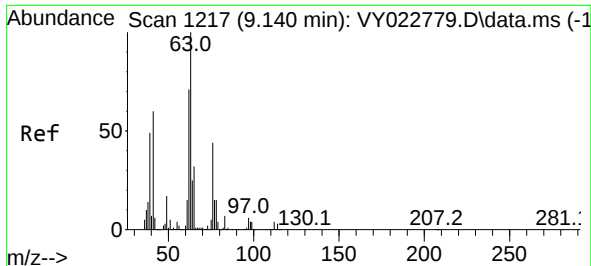
Tgt Ion: 43 Resp: 286669
Ion Ratio Lower Upper
43 100
61 19.9 15.6 23.4
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 51.860 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion:130 Resp: 247567
Ion Ratio Lower Upper
130 100
95 101.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 53.095 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

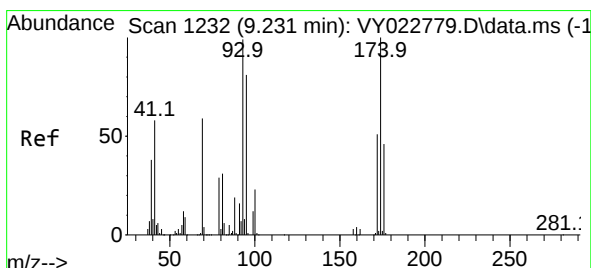
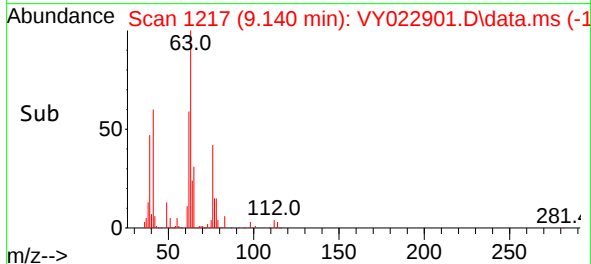
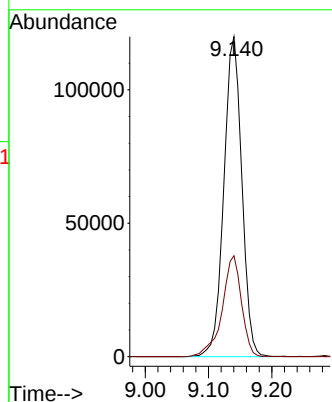
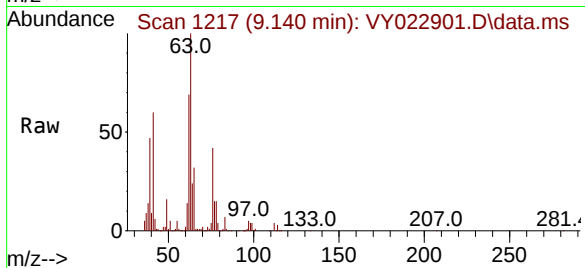
VSTDCCC050EC

Tgt Ion: 63 Resp: 236274

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#46

Dibromomethane

Concen: 50.566 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

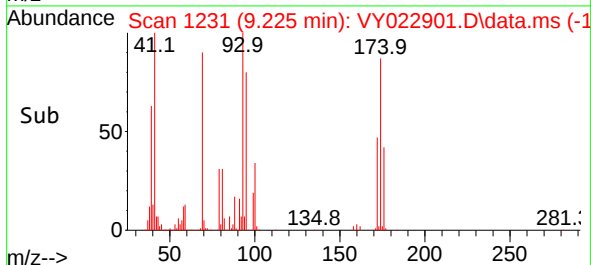
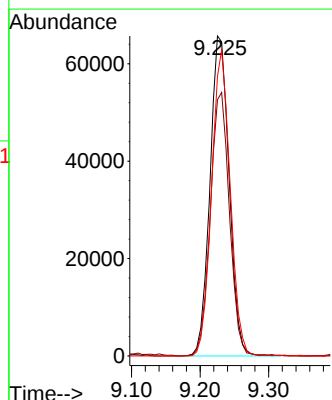
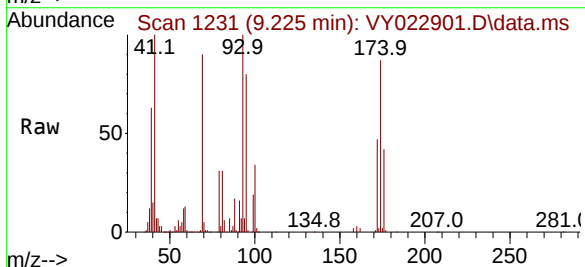
Tgt Ion: 93 Resp: 127739

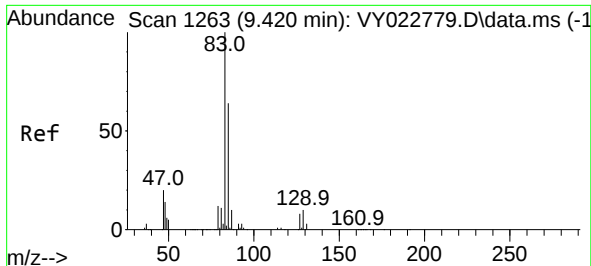
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 92.6 70.4 105.6

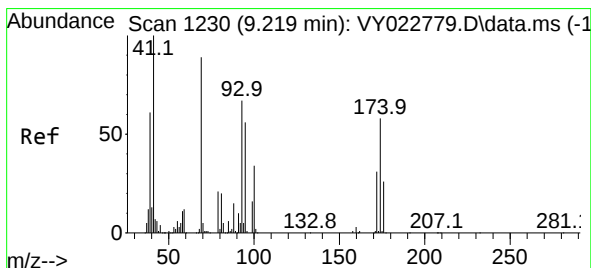
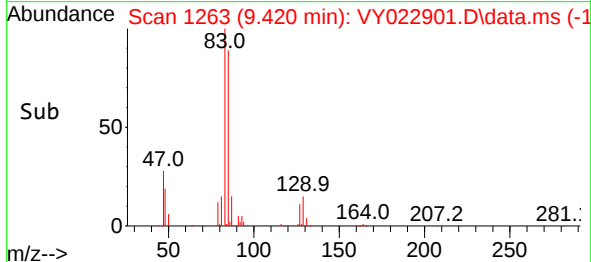
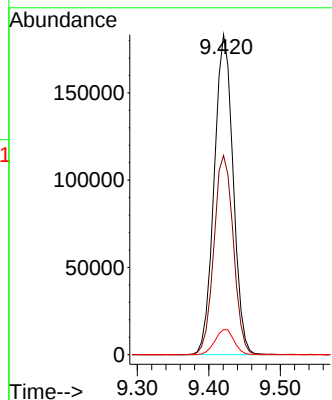
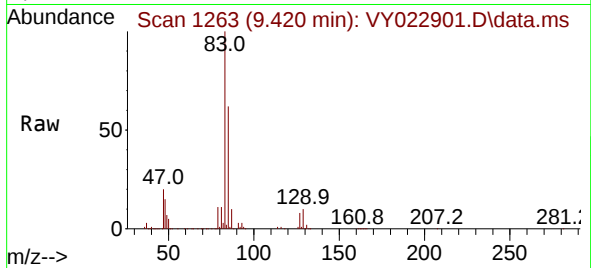




#47
Bromodichloromethane
Concen: 51.752 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

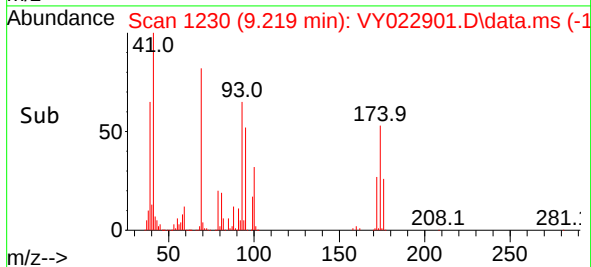
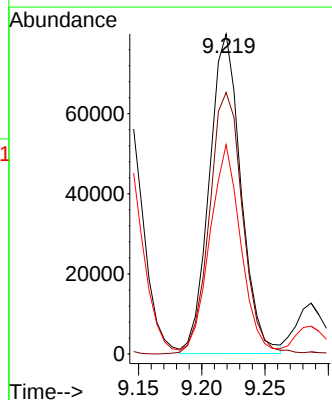
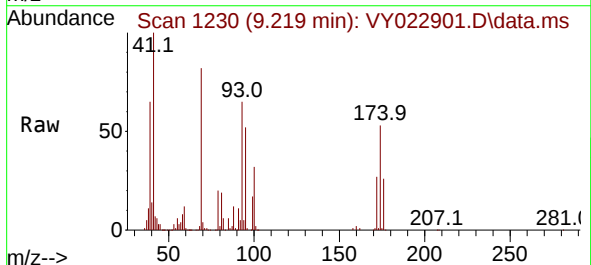
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

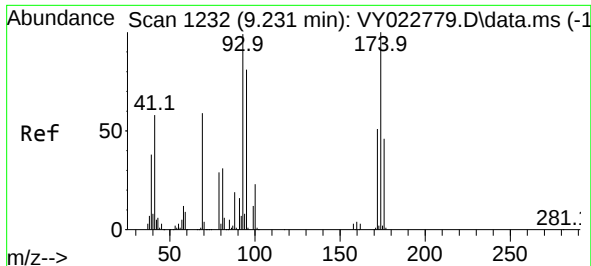
Tgt Ion: 83 Resp: 337118
Ion Ratio Lower Upper
83 100
85 62.3 49.1 73.7
127 7.9 6.2 9.4



#48
Methyl methacrylate
Concen: 52.147 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 41 Resp: 139041
Ion Ratio Lower Upper
41 100
69 85.6 67.8 101.8
39 61.8 55.0 82.4





#49

1,4-Dioxane

Concen: 950.493 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

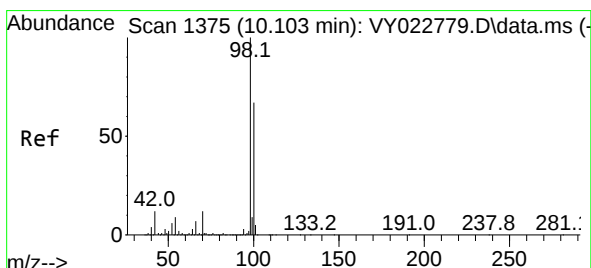
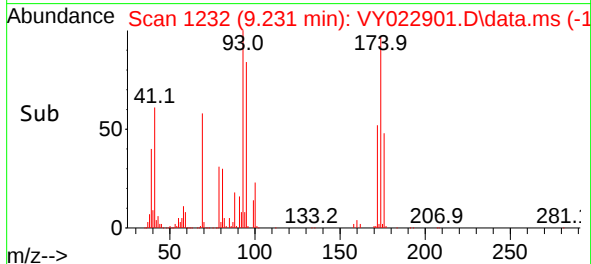
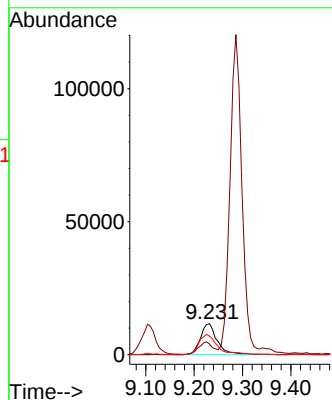
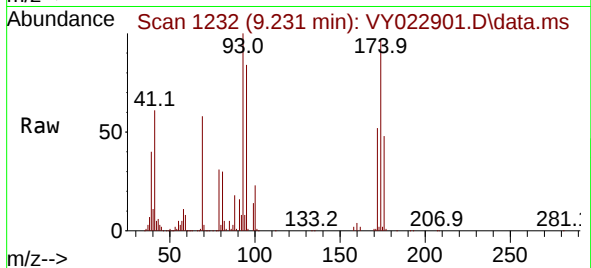
Tgt Ion: 88 Resp: 28368

Ion Ratio Lower Upper

88 100

43 34.1 25.4 38.2

58 70.8 54.9 82.3



#50

Toluene-d8

Concen: 51.331 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022901.D

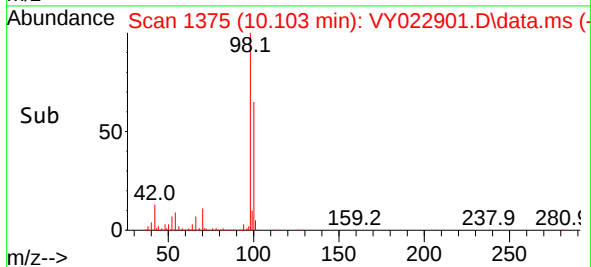
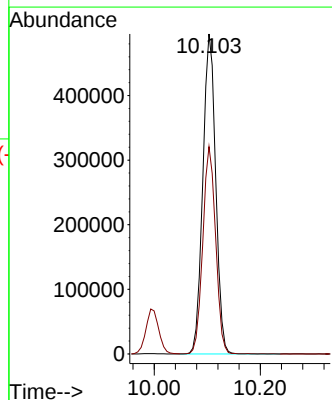
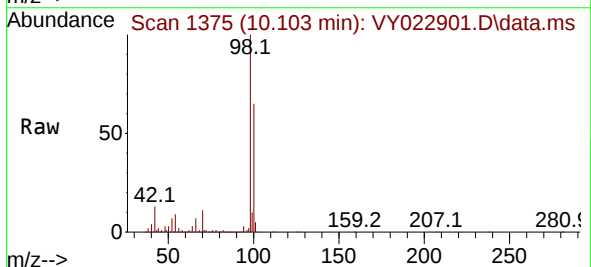
Acq: 01 Jul 2025 16:27

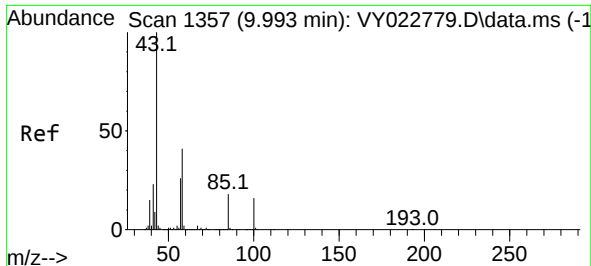
Tgt Ion: 98 Resp: 831043

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

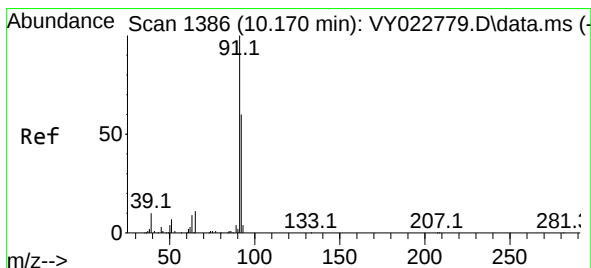
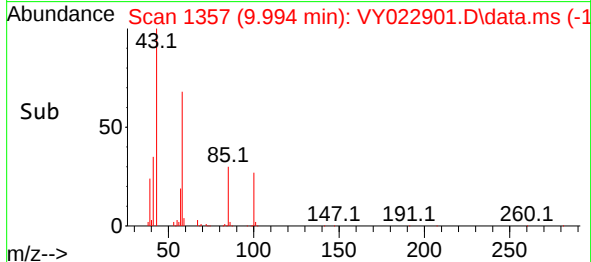
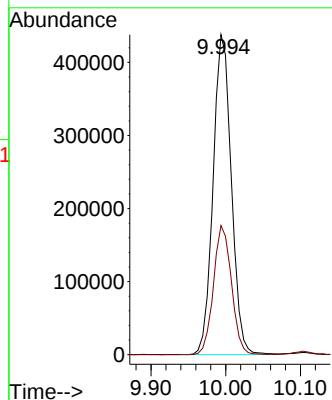
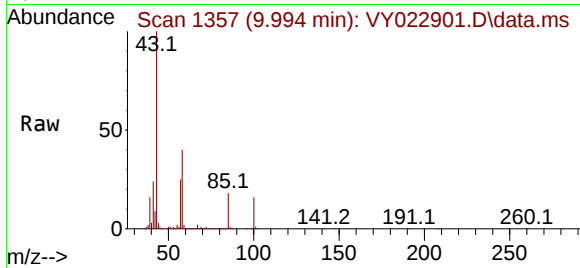




#51
4-Methyl-2-Pentanone
Concen: 263.968 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

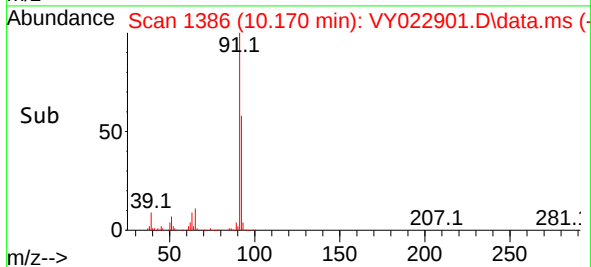
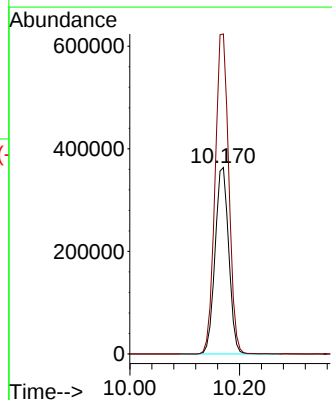
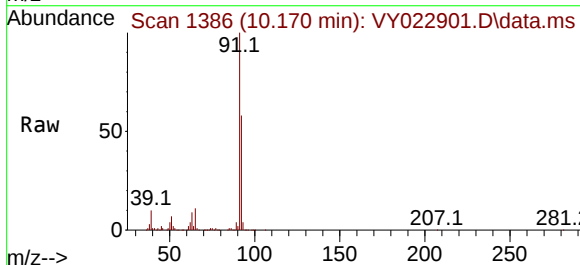
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

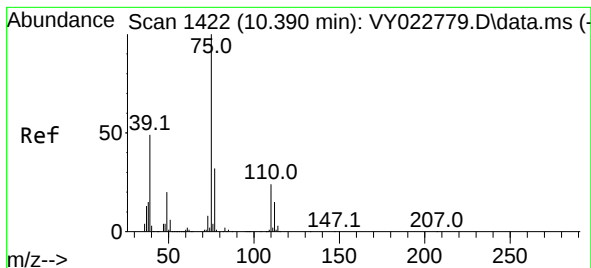
Tgt Ion: 43 Resp: 743998
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#52
Toluene
Concen: 52.291 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 92 Resp: 627248
Ion Ratio Lower Upper
92 100
91 172.3 139.0 208.4

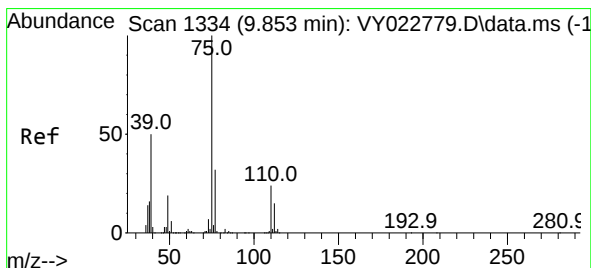
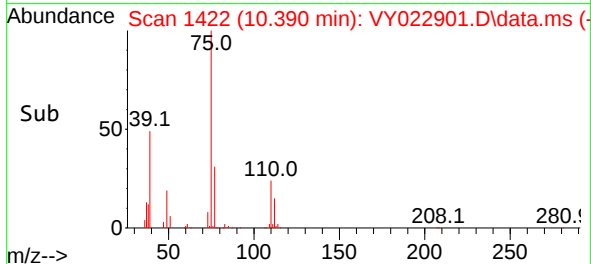
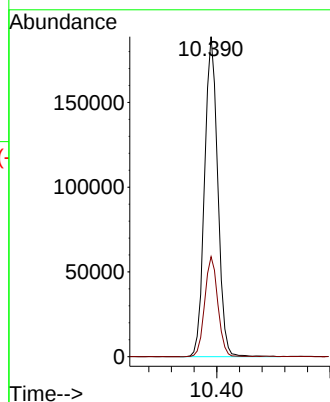
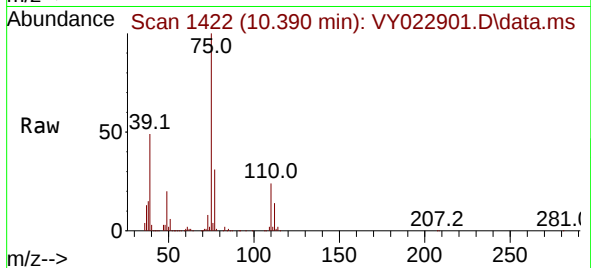




#53
t-1,3-Dichloropropene
Concen: 51.988 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

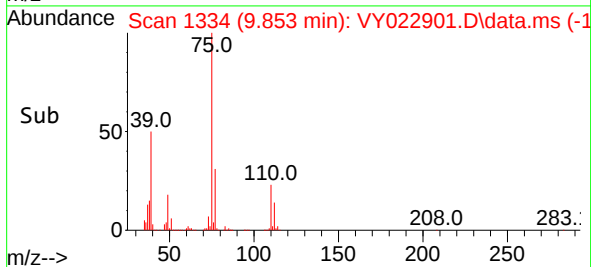
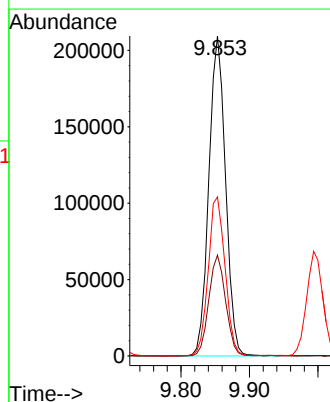
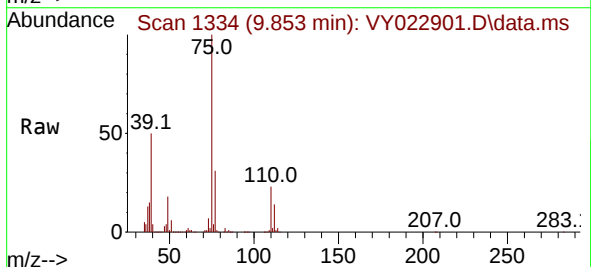
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

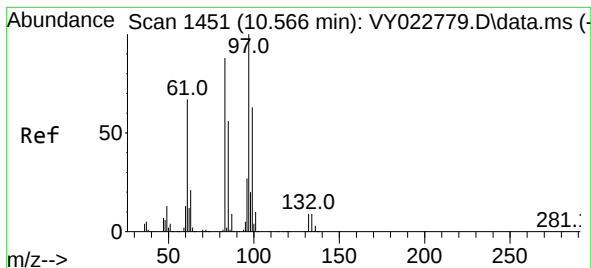
Tgt Ion: 75 Resp: 304704
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 52.097 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 75 Resp: 354041
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 49.6 42.7 64.1

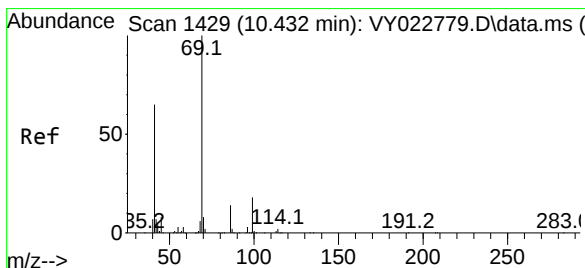
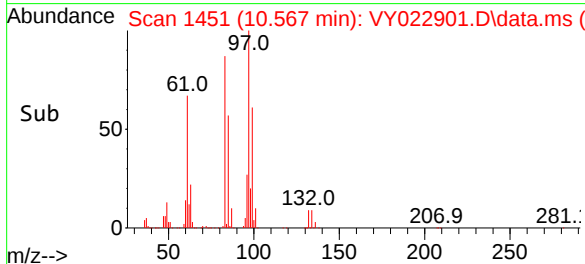
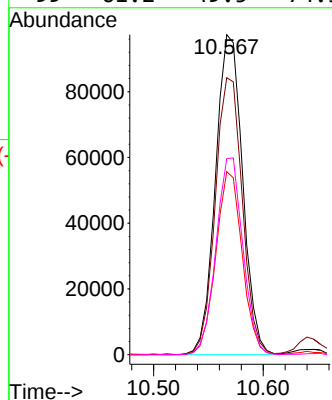
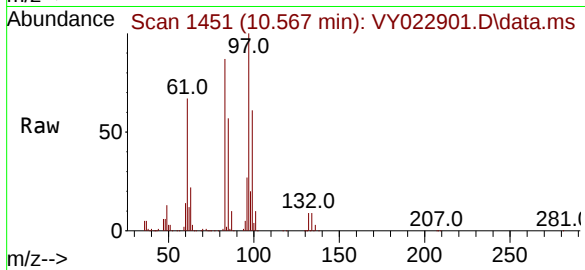




#55
1,1,2-Trichloroethane
Concen: 51.218 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

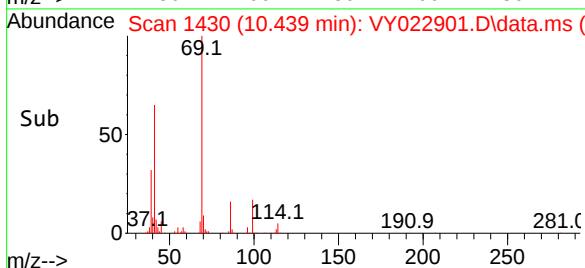
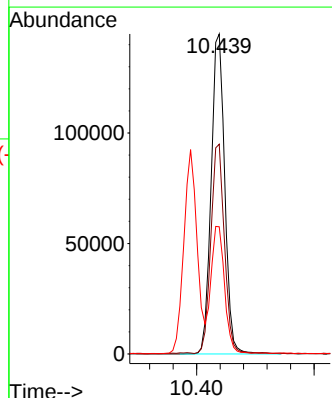
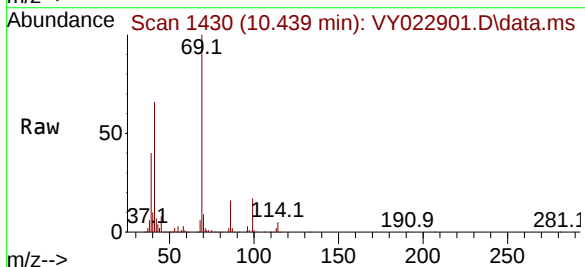
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

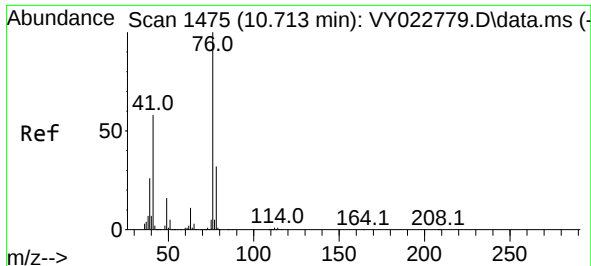
Tgt Ion: 97	Resp: 167539		
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.1	102.1
85	57.2	48.2	72.2
99	61.2	49.5	74.3



#56
Ethyl methacrylate
Concen: 52.764 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 69	Resp: 232210
Ion Ratio	Lower Upper
69 100	
41 65.7	52.2 78.2
39 39.3	36.7 55.1





#57

1,3-Dichloropropane

Concen: 51.068 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

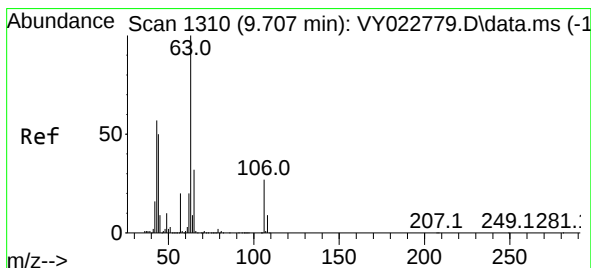
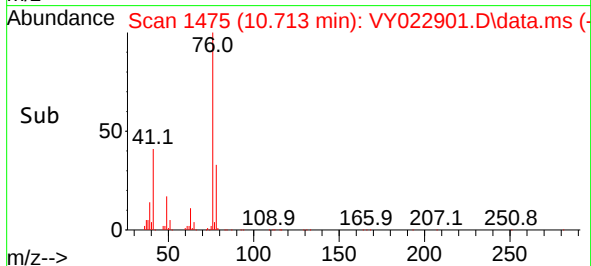
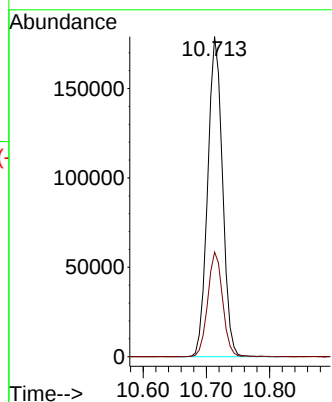
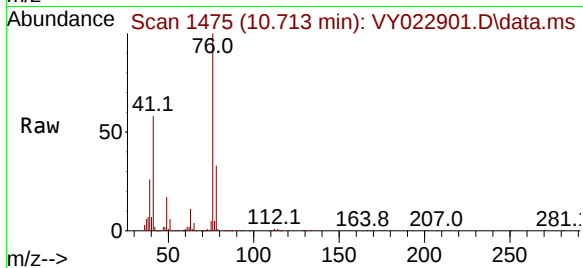
VSTDCCC050EC

Tgt Ion: 76 Resp: 291448

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 256.014 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022901.D

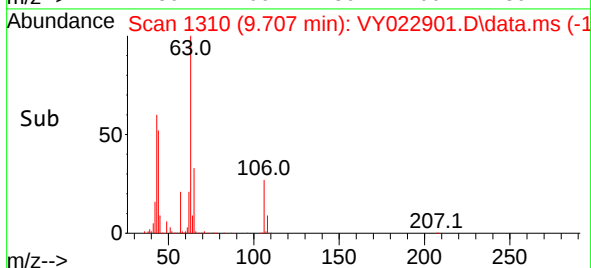
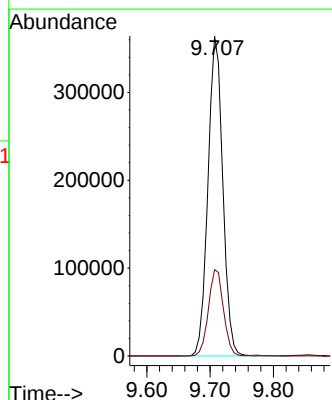
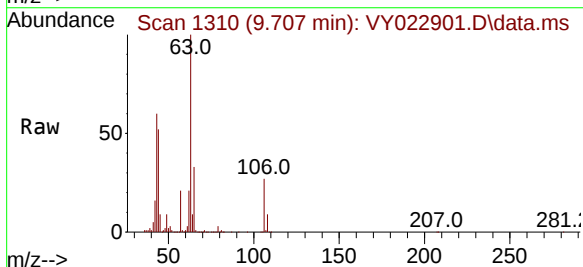
Acq: 01 Jul 2025 16:27

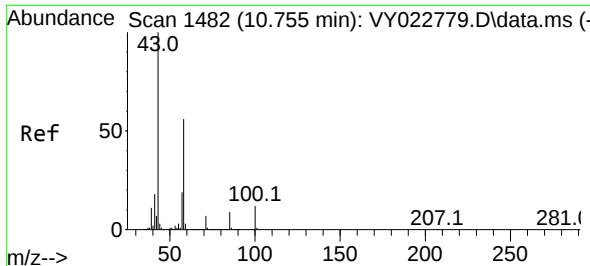
Tgt Ion: 63 Resp: 593105

Ion Ratio Lower Upper

63 100

106 27.4 21.6 32.4

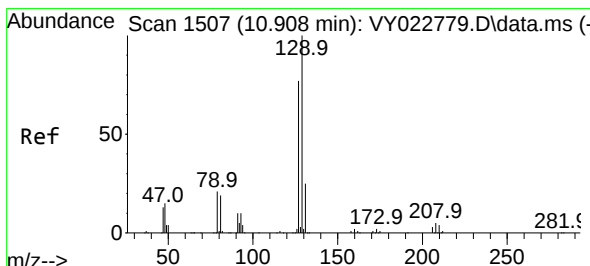
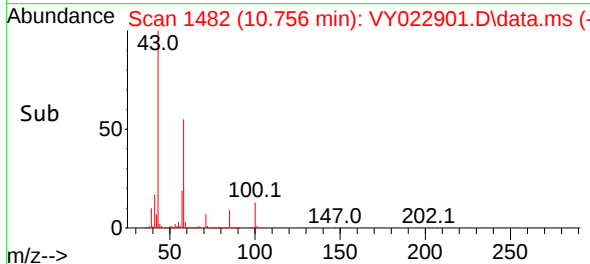
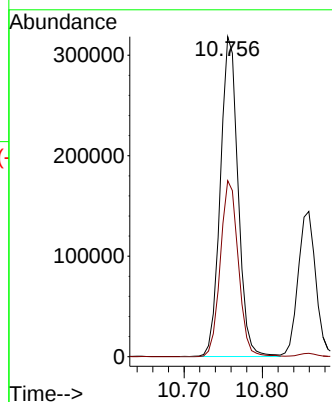
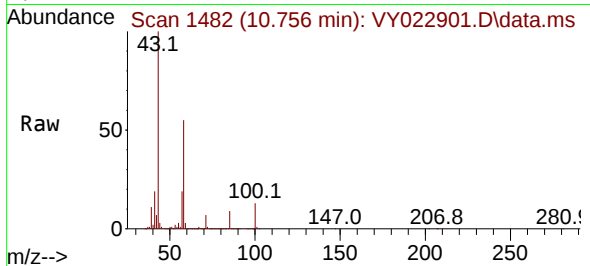




#59
2-Hexanone
Concen: 261.127 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

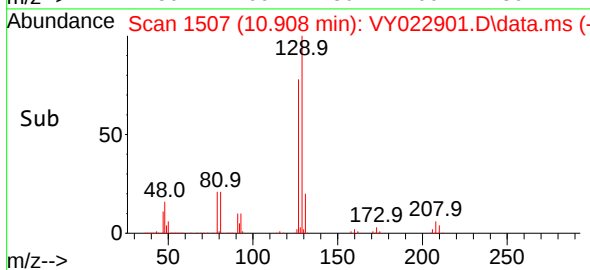
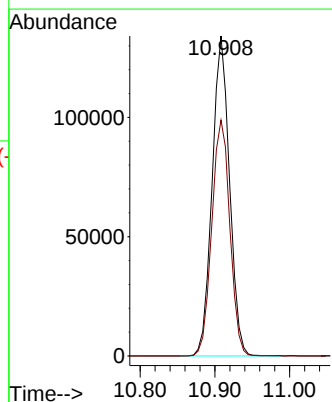
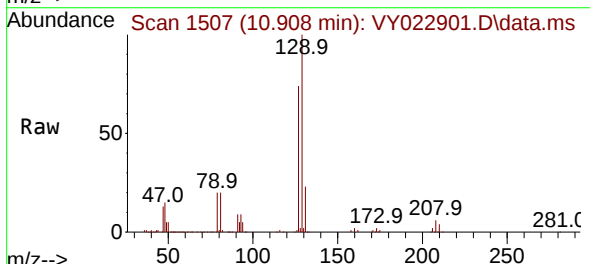
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

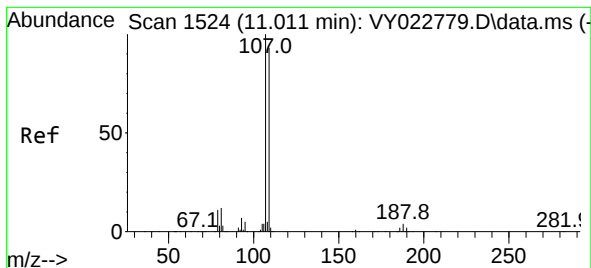
Tgt Ion: 43 Resp: 500382
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8



#60
Dibromochloromethane
Concen: 51.373 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 129 Resp: 217060
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

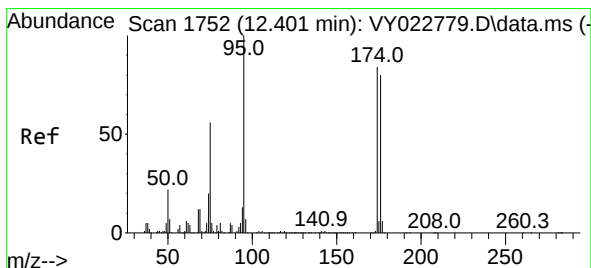
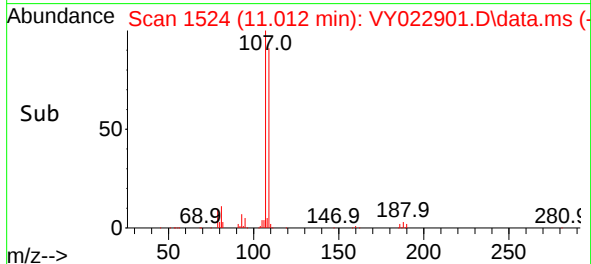
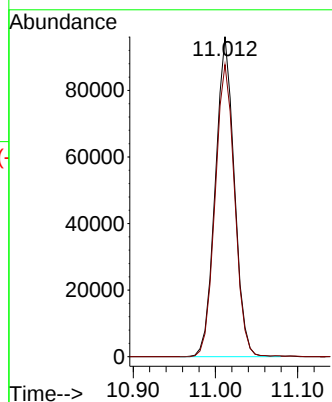
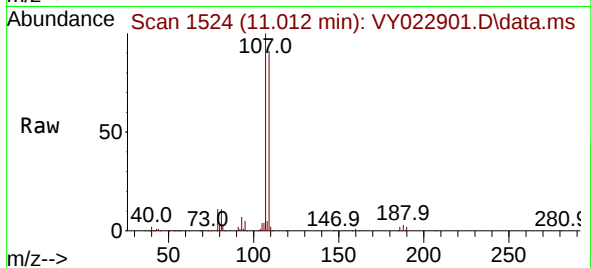




#61
1,2-Dibromoethane
Concen: 50.470 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

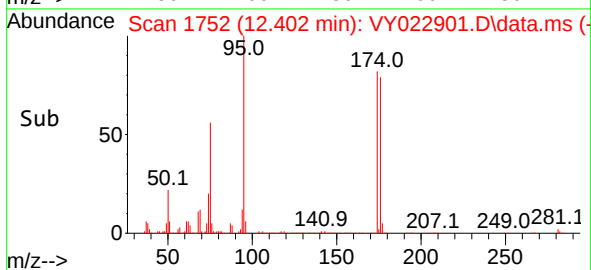
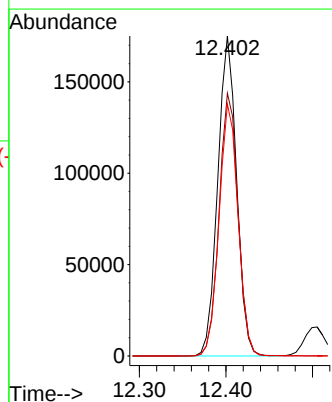
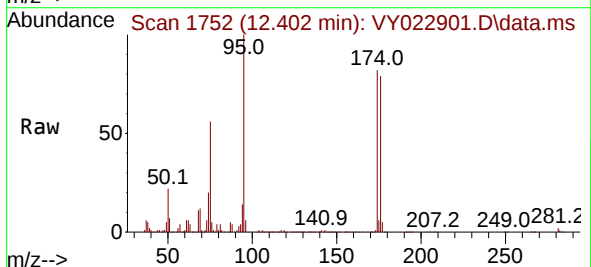
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

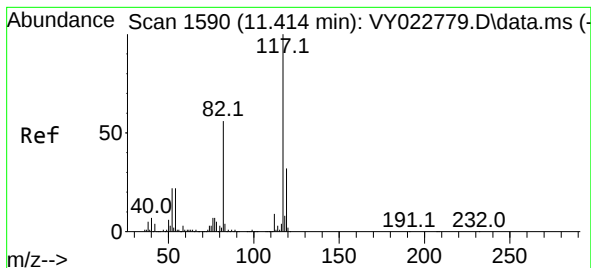
Tgt Ion:107 Resp: 154490
Ion Ratio Lower Upper
107 100
109 93.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.804 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 95 Resp: 264412
Ion Ratio Lower Upper
95 100
174 82.6 0.0 170.0
176 79.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

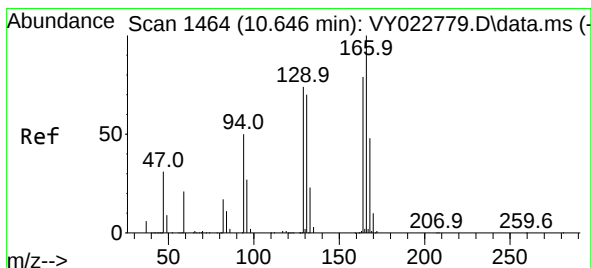
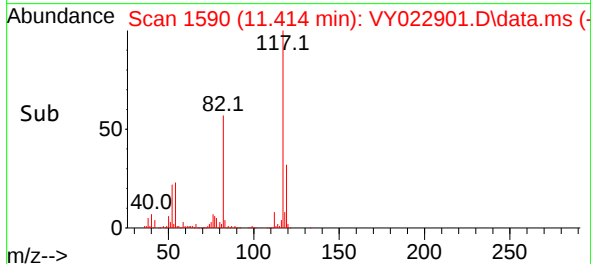
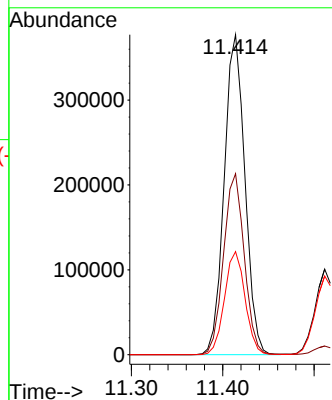
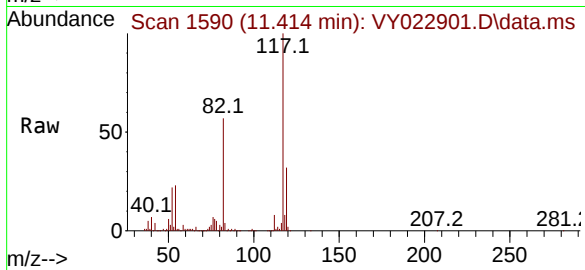
Tgt Ion:117 Resp: 593115

Ion Ratio Lower Upper

117 100

82 56.6 44.6 66.8

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 52.379 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Tgt Ion:164 Resp: 293485

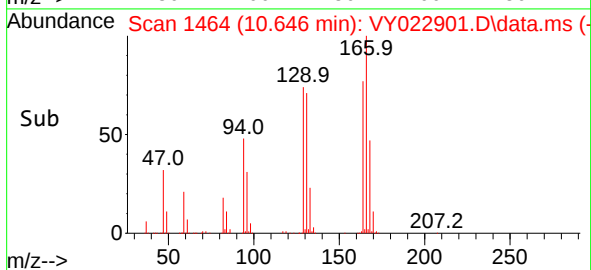
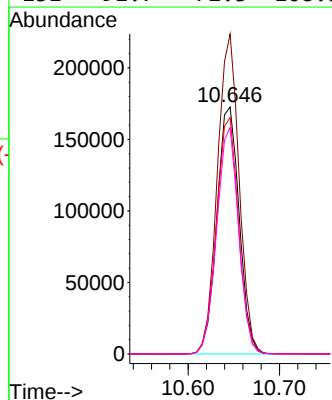
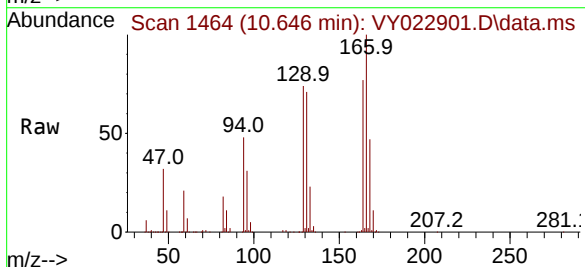
Ion Ratio Lower Upper

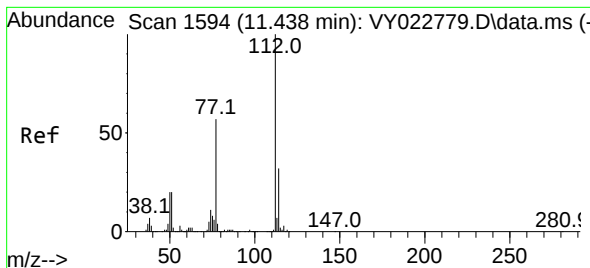
164 100

166 129.6 104.0 156.0

129 95.8 74.5 111.7

131 91.7 72.3 108.5

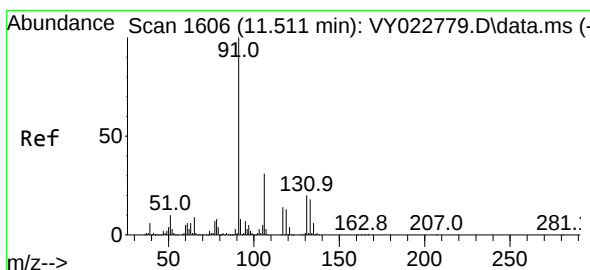
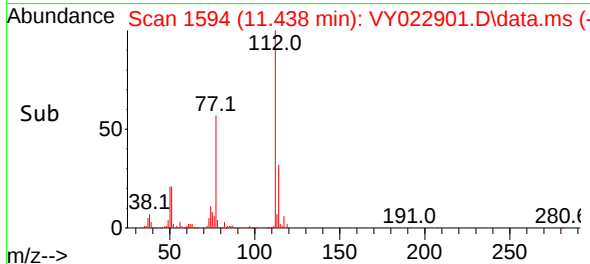
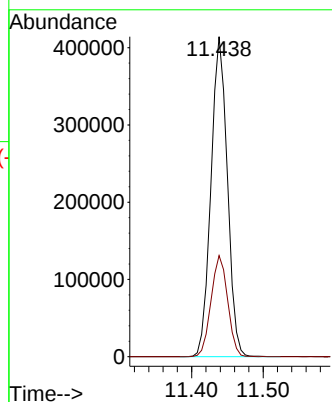
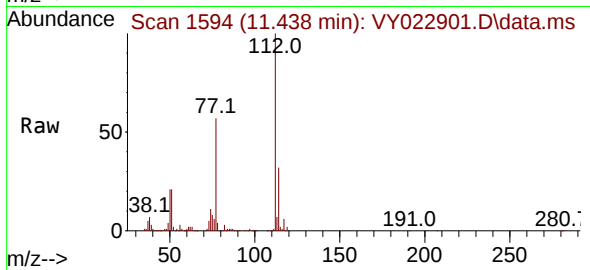




#65
Chlorobenzene
Concen: 50.509 ug/l
RT: 11.438 min Scan# 11594
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

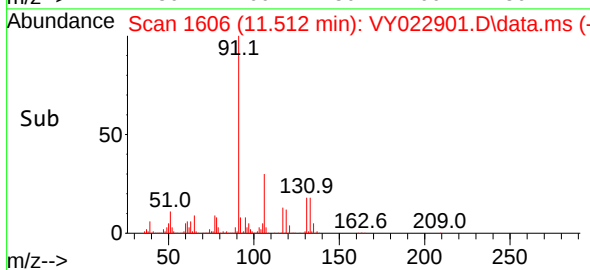
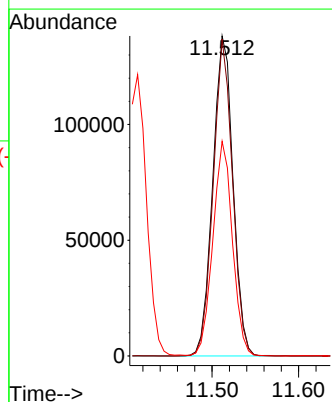
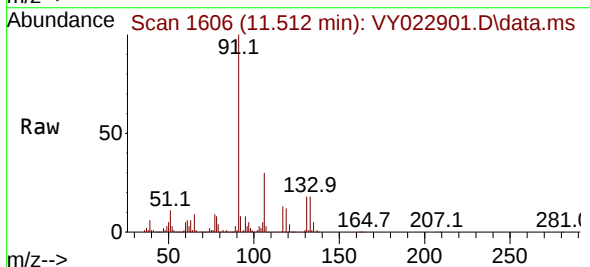
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

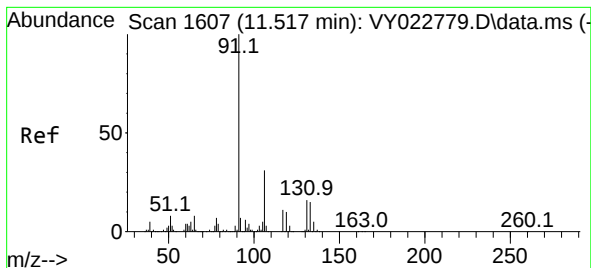
Tgt Ion:112 Resp: 658269
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.763 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion:131 Resp: 224076
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 65.0 33.1 99.3

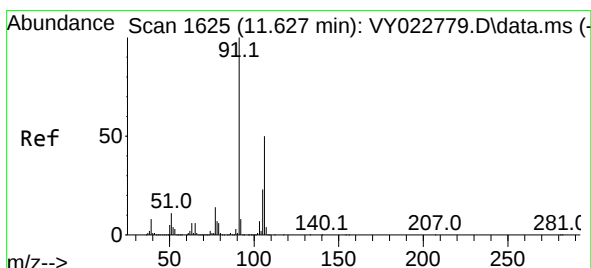
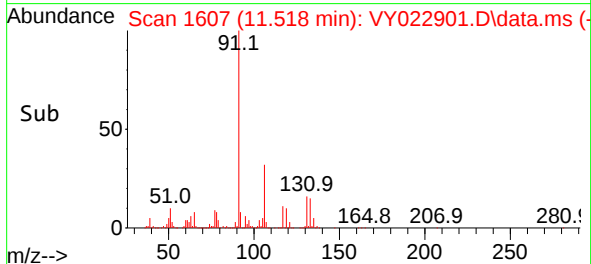
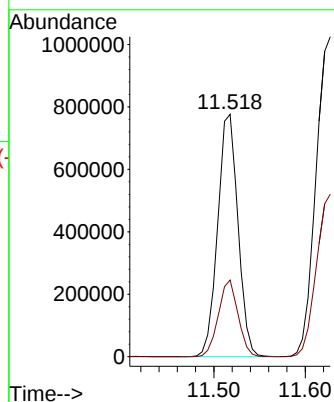
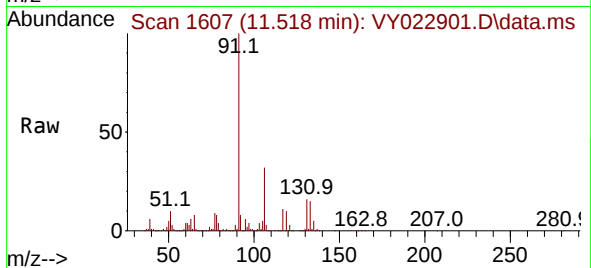




#67
Ethyl Benzene
Concen: 52.345 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

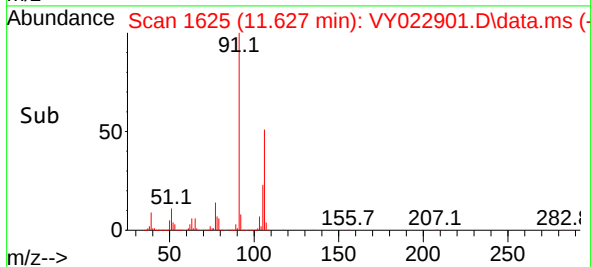
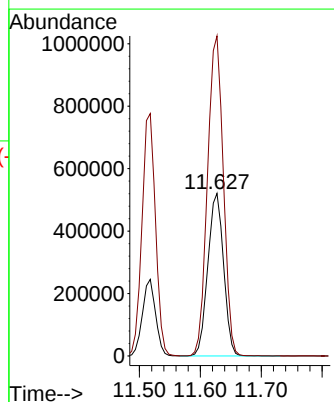
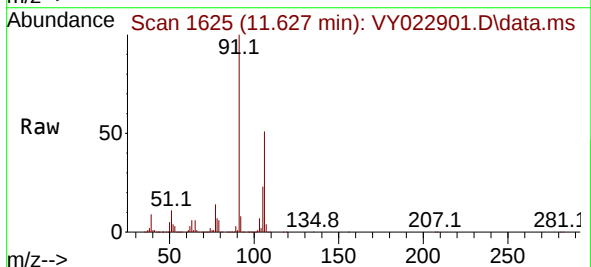
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

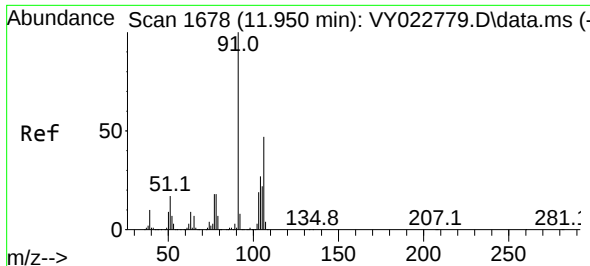
Tgt Ion: 91 Resp: 1198603
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4



#68
m/p-Xylenes
Concen: 105.372 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion:106 Resp: 932712
Ion Ratio Lower Upper
106 100
91 198.3 159.4 239.0

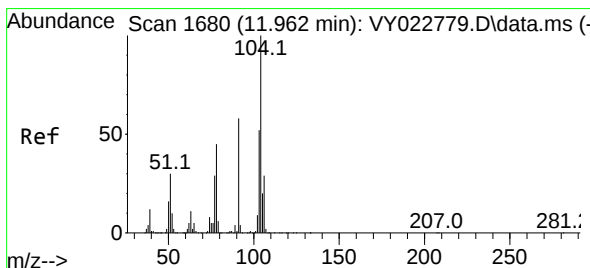
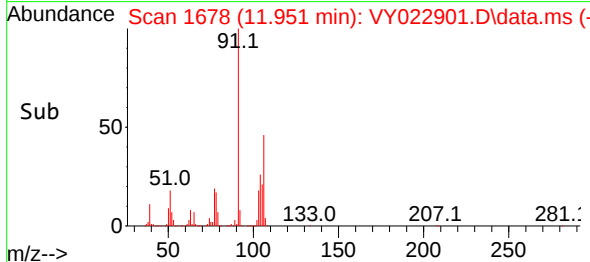
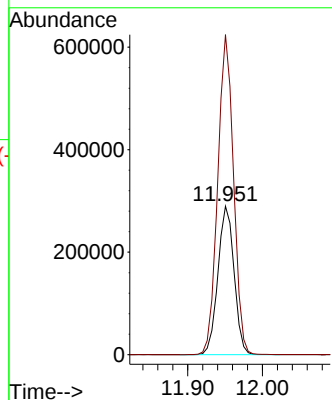
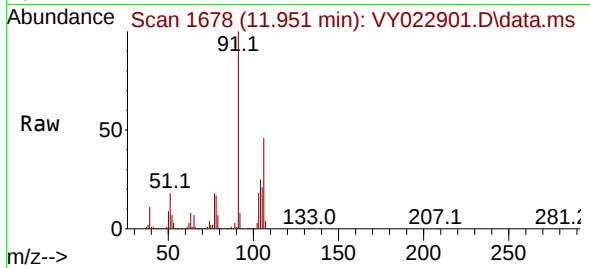




#69
o-Xylene
Concen: 52.310 ug/l
RT: 11.951 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

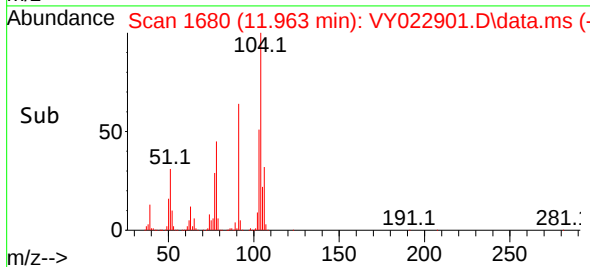
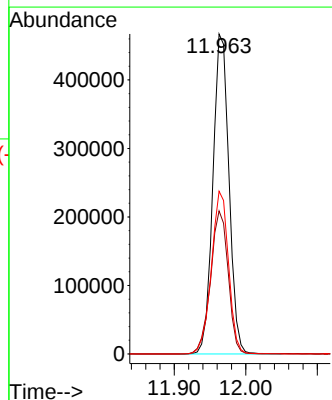
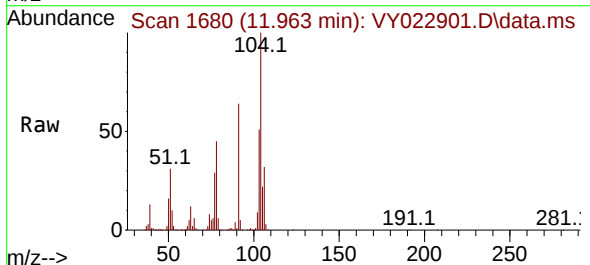
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

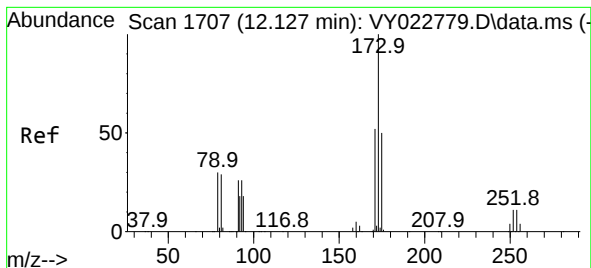
Tgt Ion:106 Resp: 436289
Ion Ratio Lower Upper
106 100
91 211.3 105.8 317.3



#70
Styrene
Concen: 52.188 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion:104 Resp: 729104
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 54.4 44.1 66.1





#71

Bromoform

Concen: 48.337 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

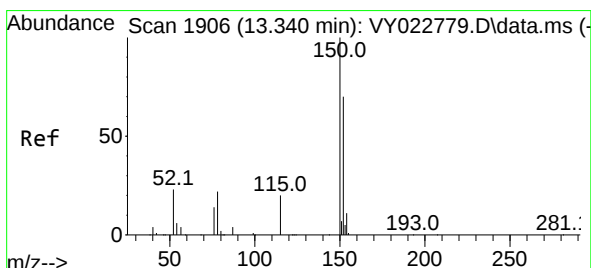
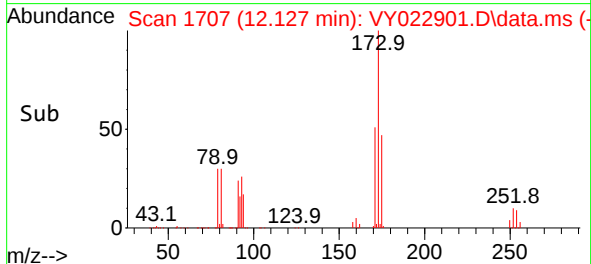
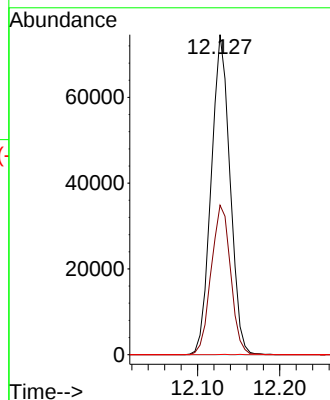
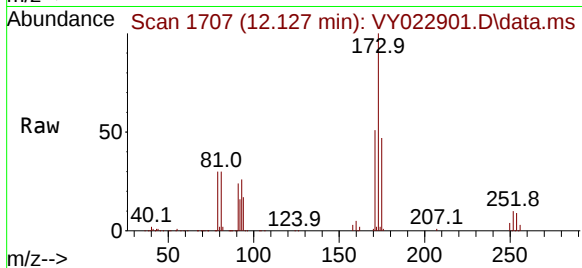
Tgt Ion:173 Resp: 118808

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.5

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.341 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

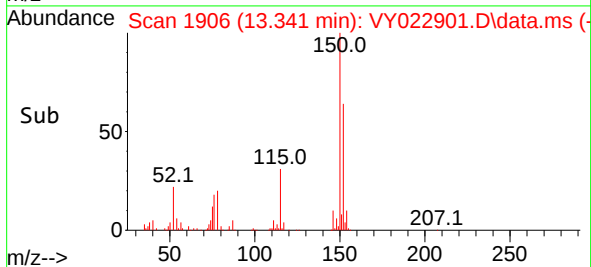
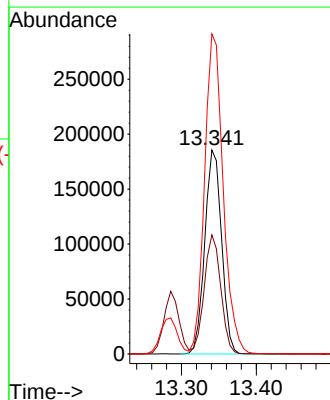
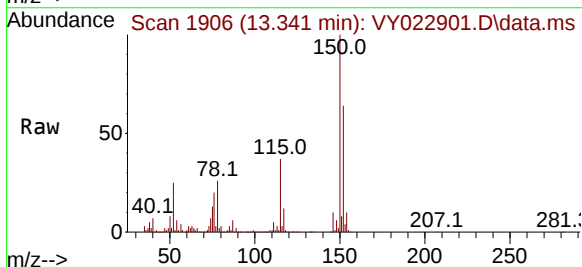
Tgt Ion:152 Resp: 290320

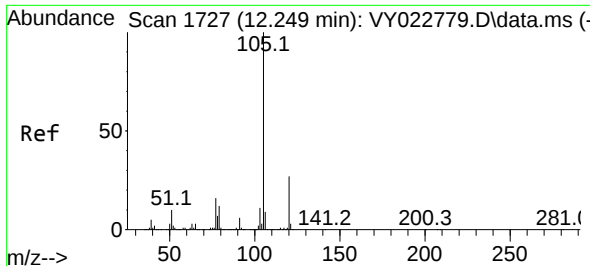
Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 173.0 0.0 349.6

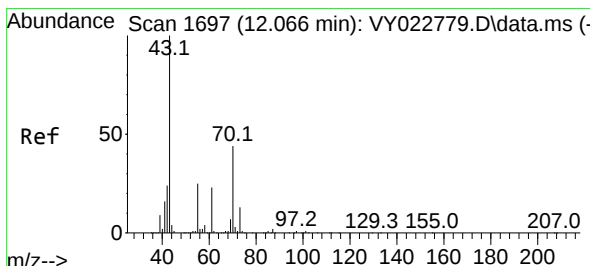
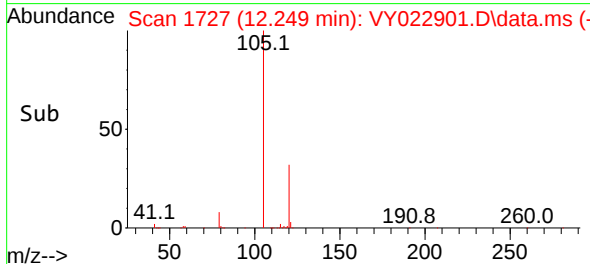
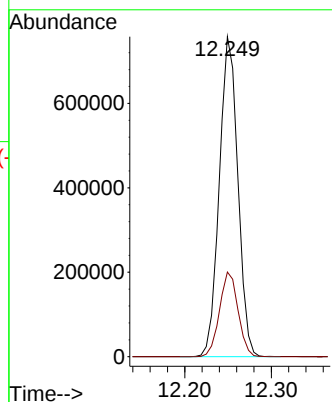
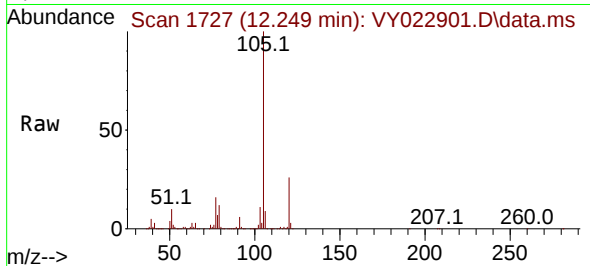




#73
Isopropylbenzene
Concen: 52.465 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

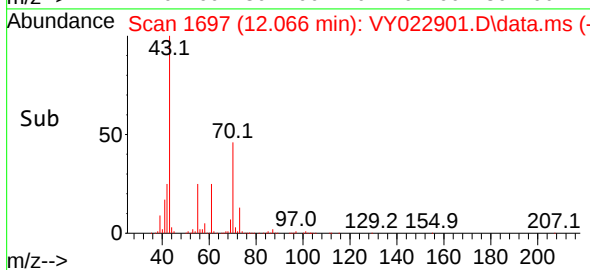
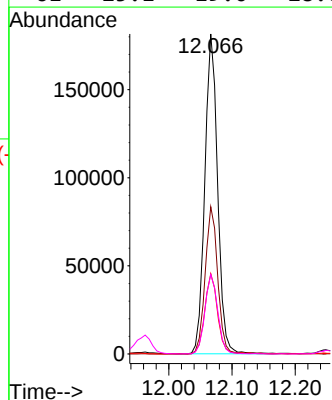
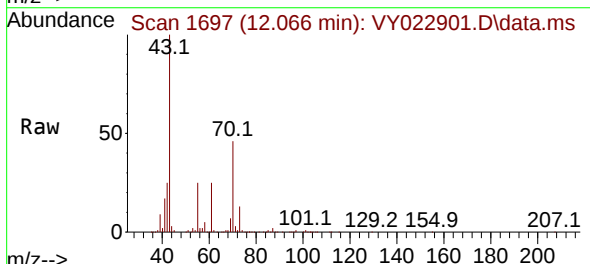
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

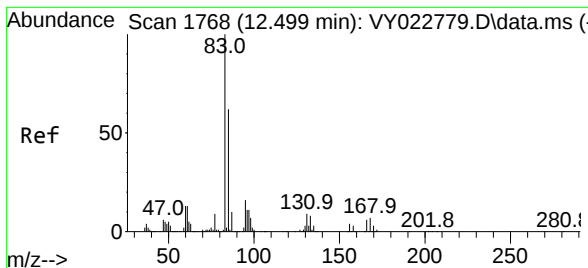
Tgt Ion:105 Resp: 1126475
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 53.097 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 43 Resp: 255898
Ion Ratio Lower Upper
43 100
70 45.4 34.2 51.2
55 24.9 18.2 27.4
61 25.1 19.0 28.6

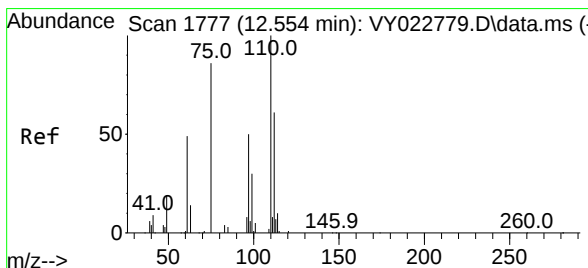
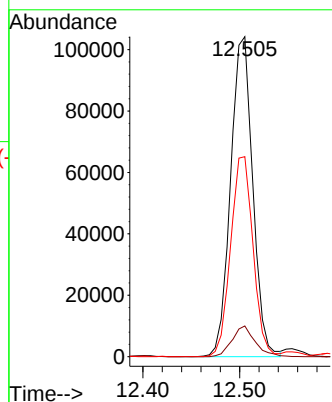
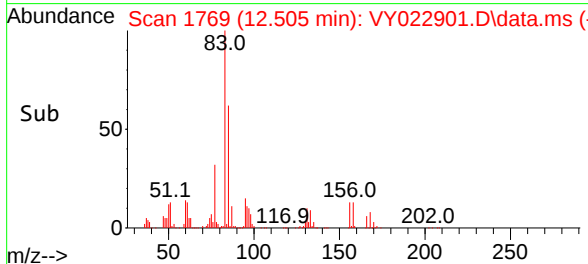
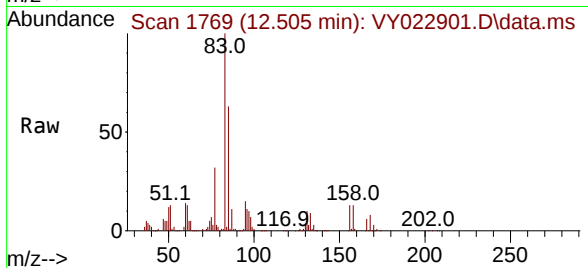




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.005 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

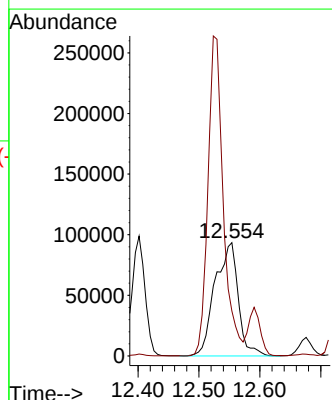
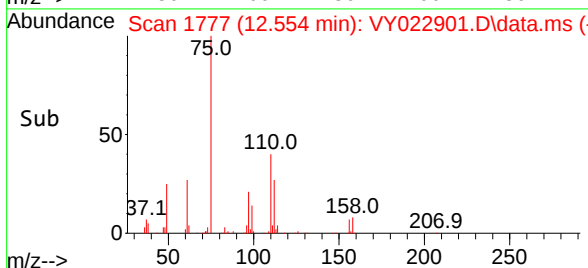
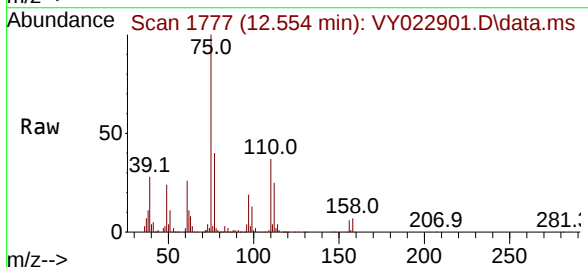
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

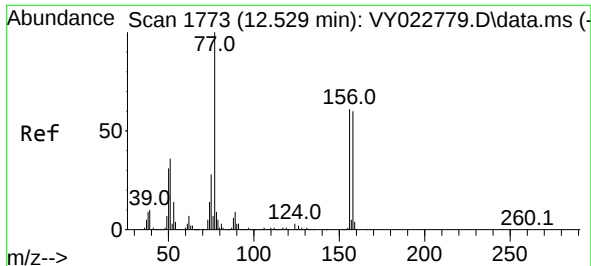
Tgt Ion: 83 Resp: 166118
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.7
 85 63.5 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 83.492 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

Tgt Ion: 75 Resp: 247463
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

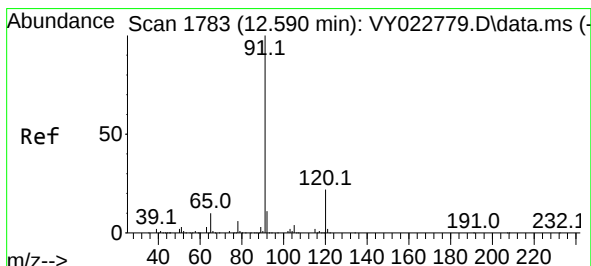
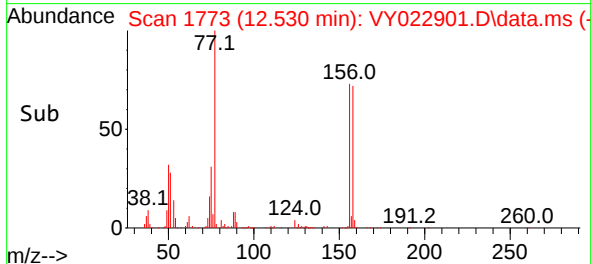
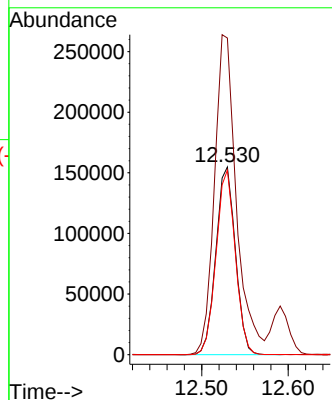
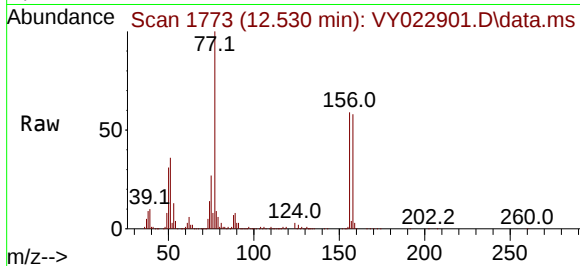




#77
Bromobenzene
Concen: 49.796 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

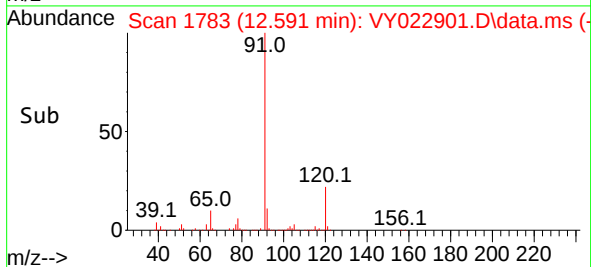
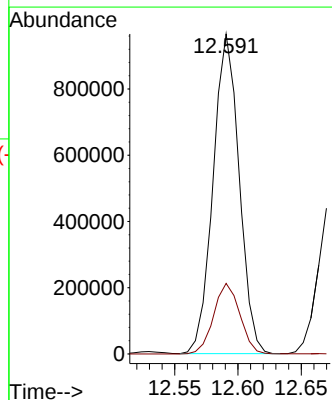
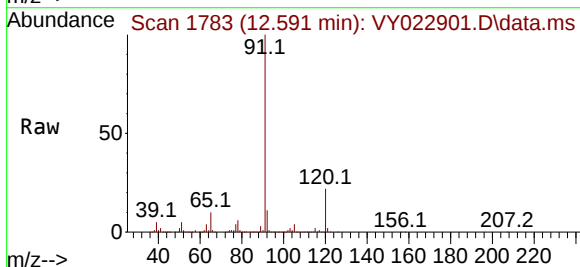
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

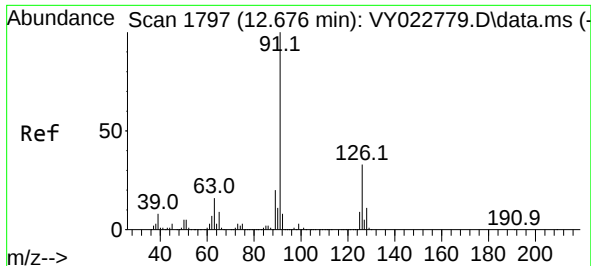
Tgt Ion:156 Resp: 242346
Ion Ratio Lower Upper
156 100
77 191.6 94.0 282.1
158 97.1 48.2 144.6



#78
n-propylbenzene
Concen: 53.304 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 91 Resp: 1381802
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4

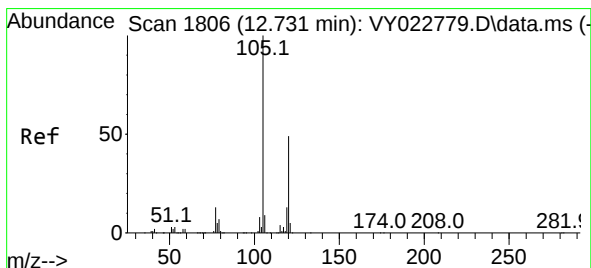
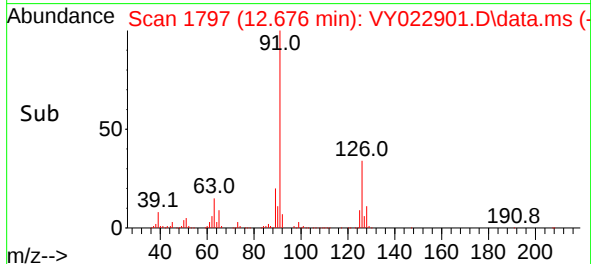
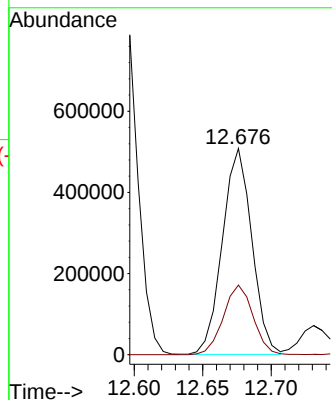
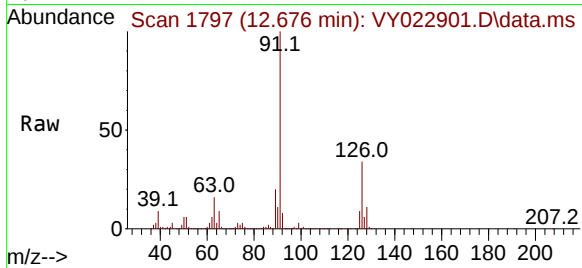




#79
2-Chlorotoluene
Concen: 51.926 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

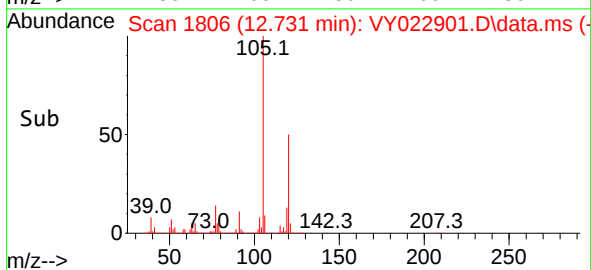
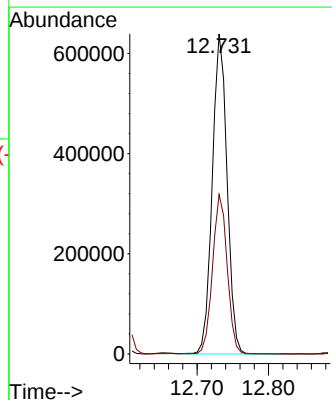
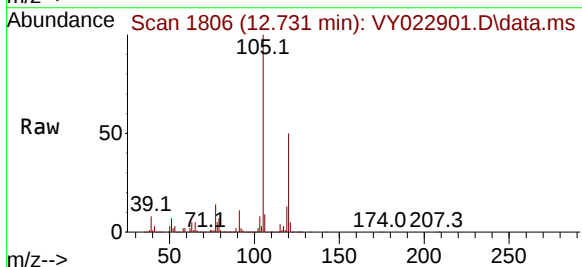
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

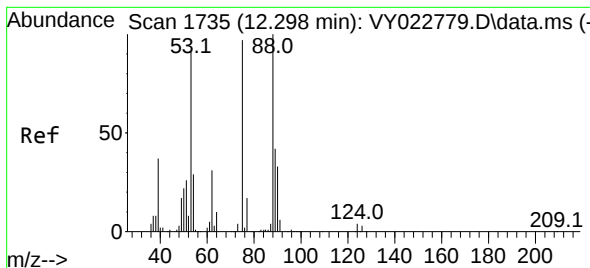
Tgt Ion: 91 Resp: 760527
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.771 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 105 Resp: 914669
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

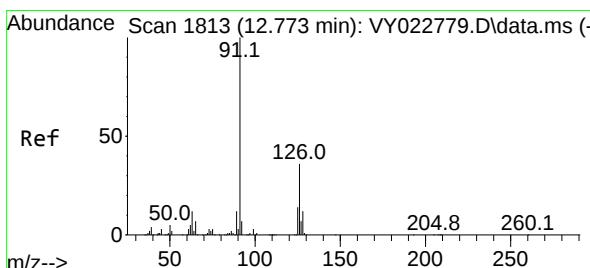
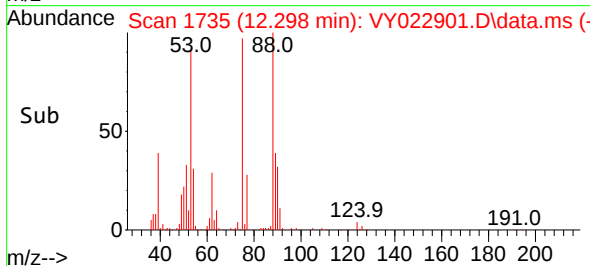
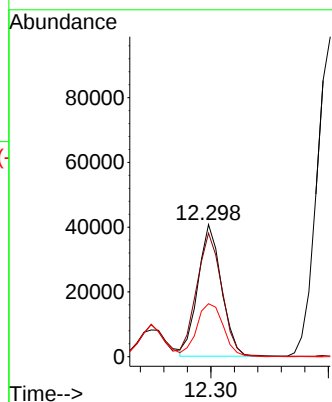
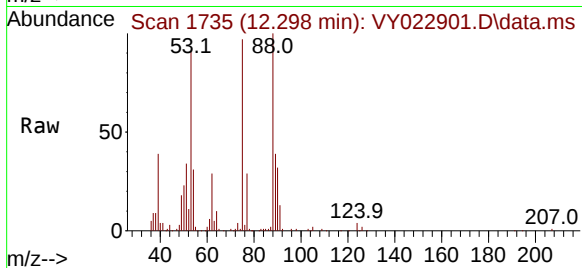




#81
trans-1,4-Dichloro-2-butene
Concen: 48.177 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

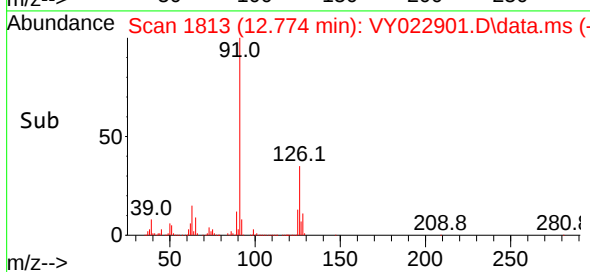
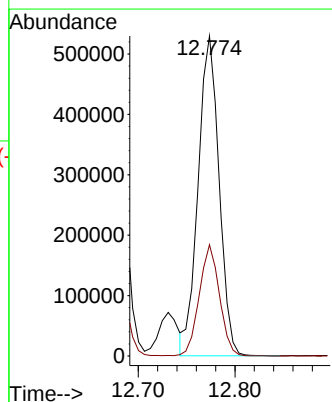
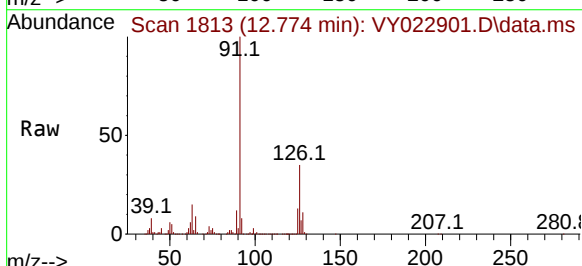
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

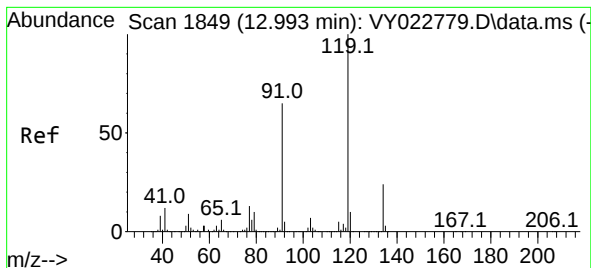
Tgt Ion: 75 Resp: 56520
Ion Ratio Lower Upper
75 100
53 101.3 78.5 117.7
89 45.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 51.727 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 91 Resp: 795782
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9





#83

tert-Butylbenzene

Concen: 52.925 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

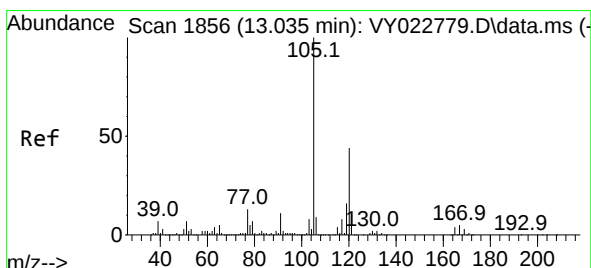
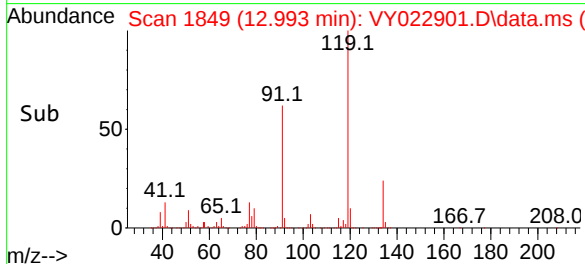
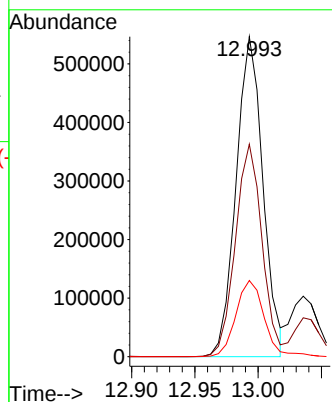
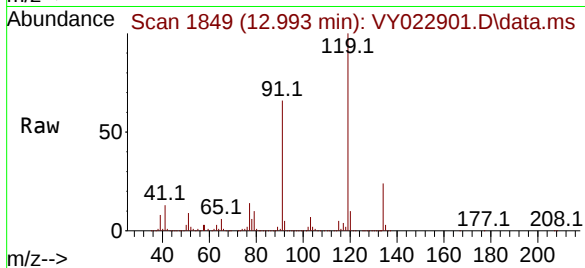
Tgt Ion:119 Resp: 809016

Ion Ratio Lower Upper

119 100

91 65.5 32.1 96.3

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.601 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022901.D

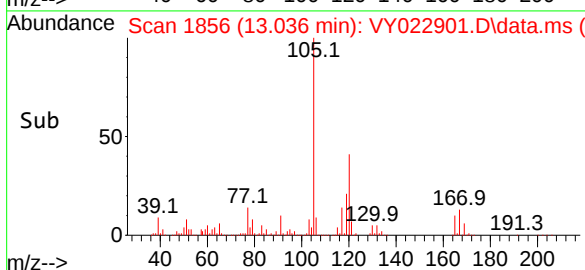
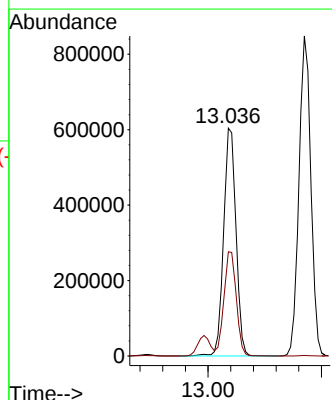
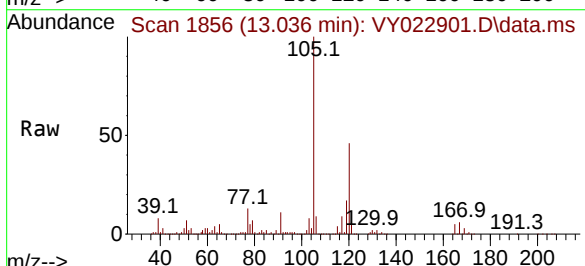
Acq: 01 Jul 2025 16:27

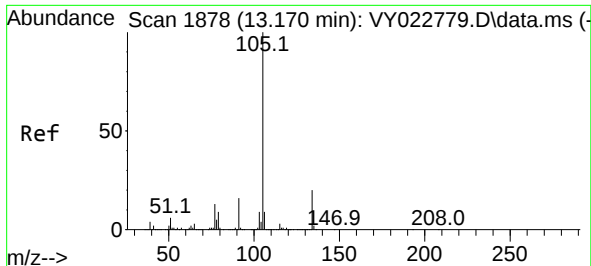
Tgt Ion:105 Resp: 912803

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1

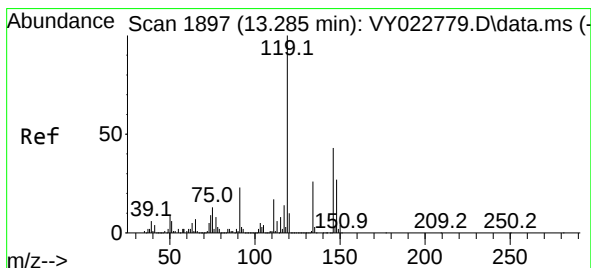
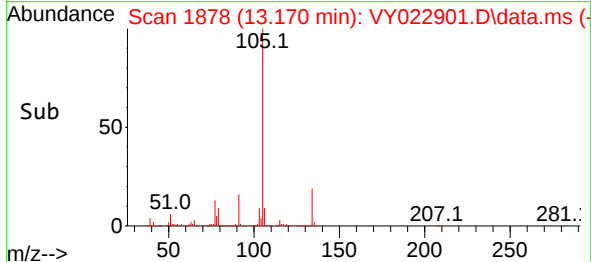
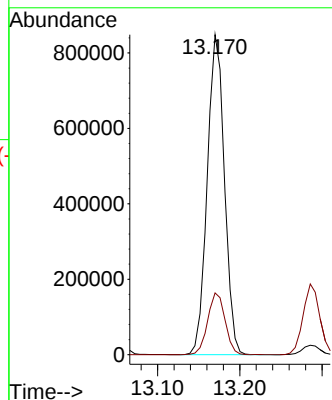
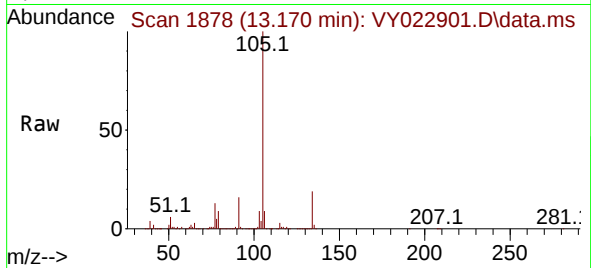




#85
 sec-Butylbenzene
 Concen: 53.571 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

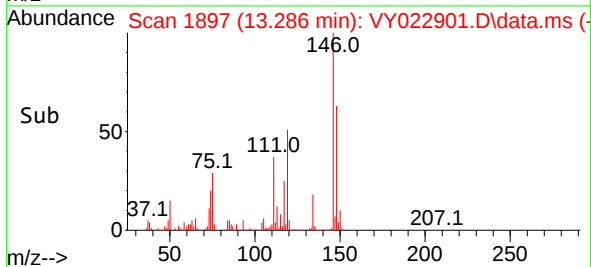
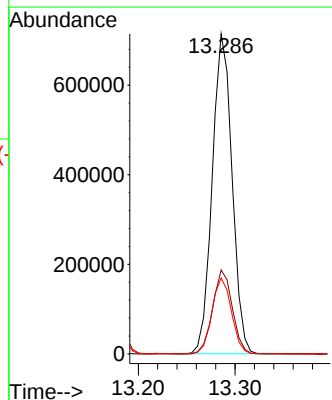
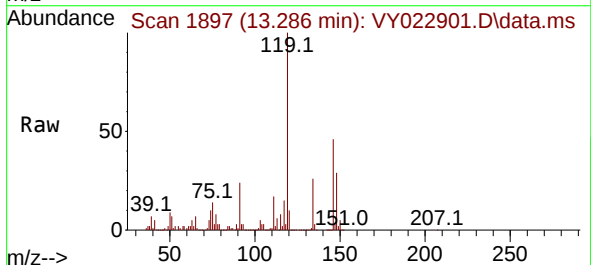
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

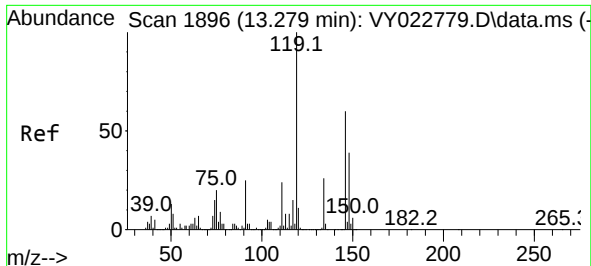
Tgt Ion:105 Resp: 1232105
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.084 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022901.D
 Acq: 01 Jul 2025 16:27

Tgt Ion:119 Resp: 1015992
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.520 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

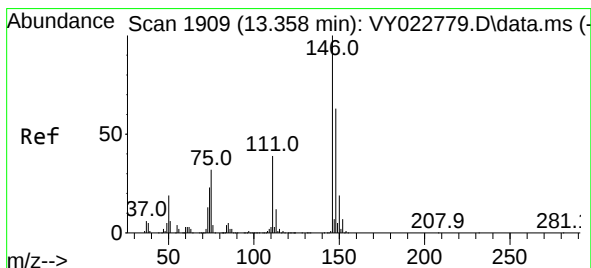
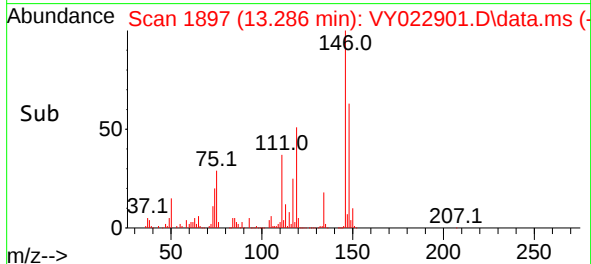
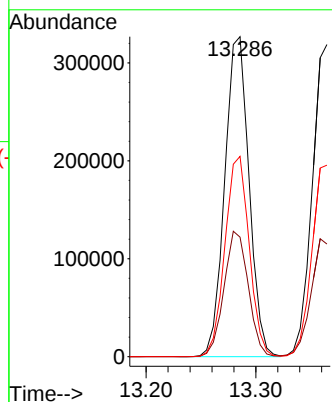
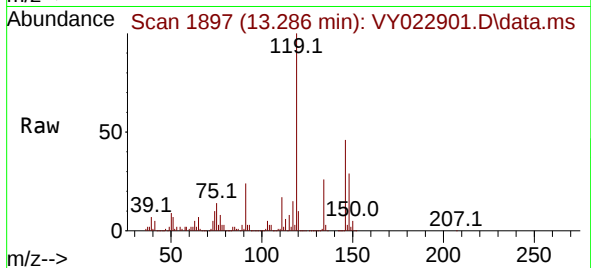
Tgt Ion:146 Resp: 503571

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.2

148 62.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 50.231 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

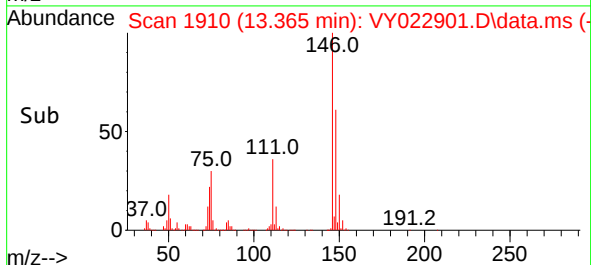
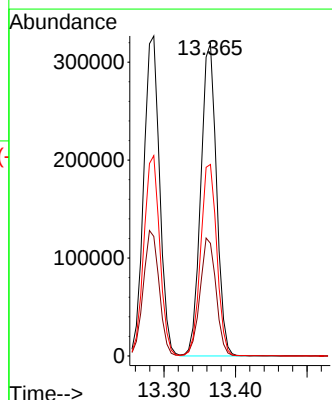
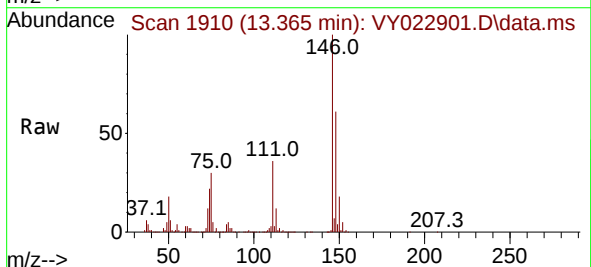
Tgt Ion:146 Resp: 487693

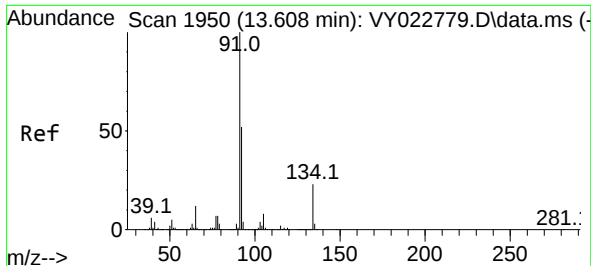
Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

148 63.0 31.6 94.8

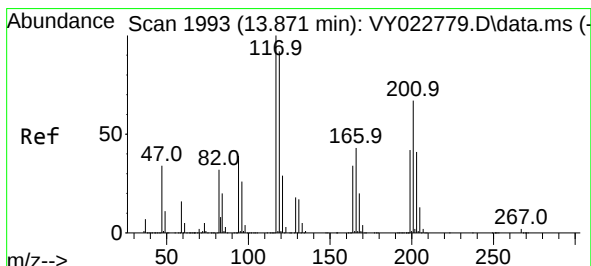
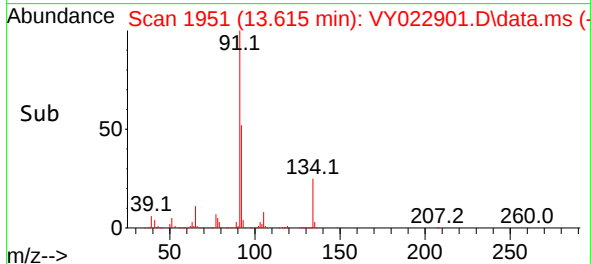
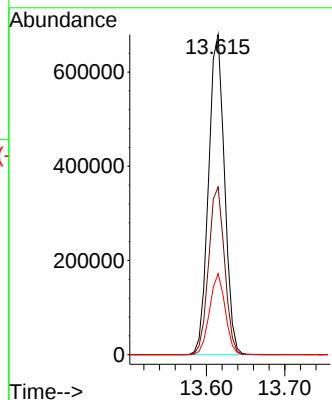
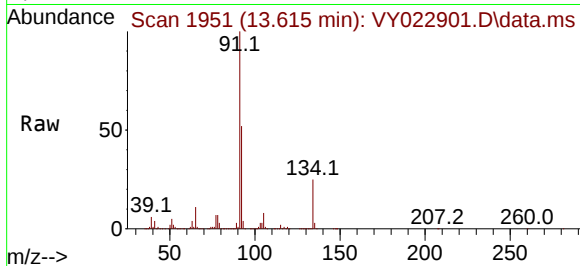




#89
n-Butylbenzene
Concen: 53.347 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

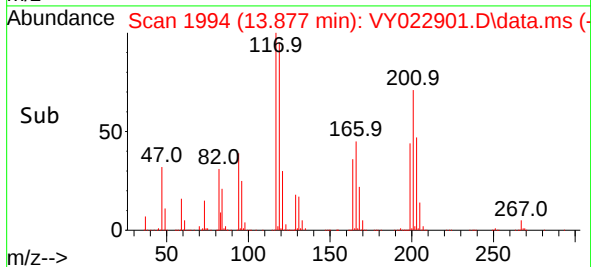
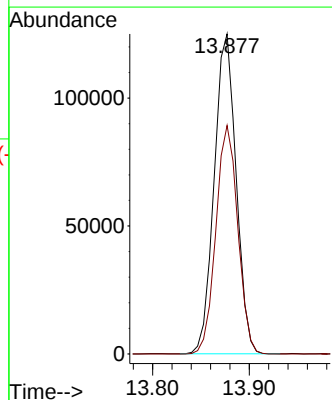
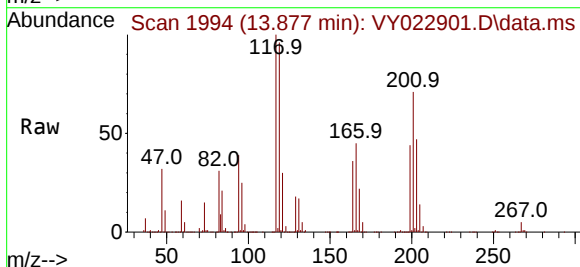
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

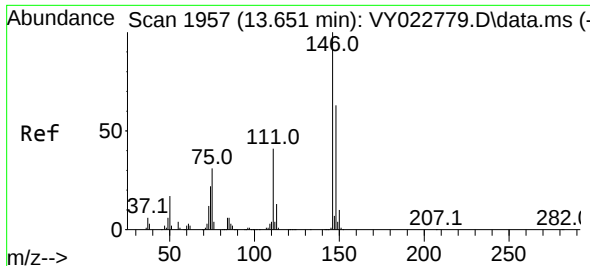
Tgt Ion: 91 Resp: 960431
Ion Ratio Lower Upper
91 100
92 52.5 25.9 77.8
134 24.7 12.0 36.1



#90
Hexachloroethane
Concen: 51.609 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022901.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 117 Resp: 196736
Ion Ratio Lower Upper
117 100
201 71.3 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 49.919 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

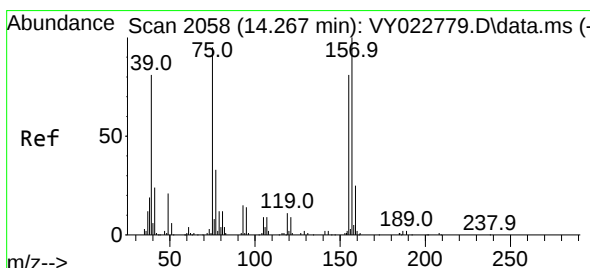
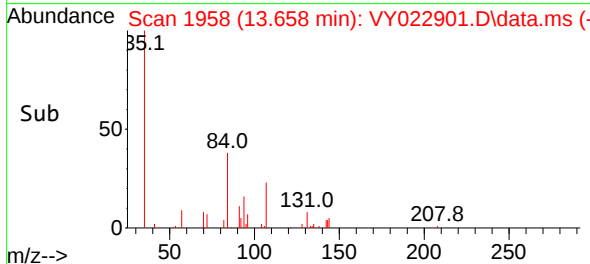
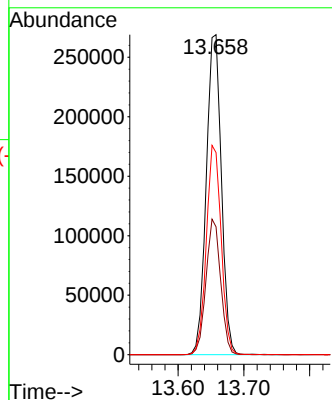
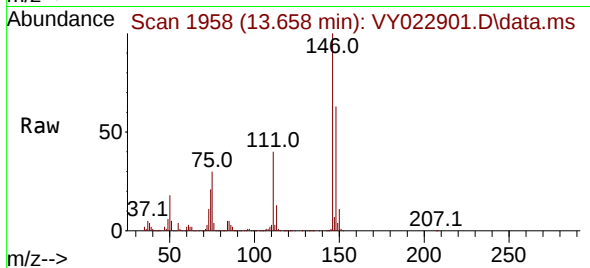
Tgt Ion:146 Resp: 429981

Ion Ratio Lower Upper

146 100

111 41.1 20.2 60.6

148 64.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.269 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

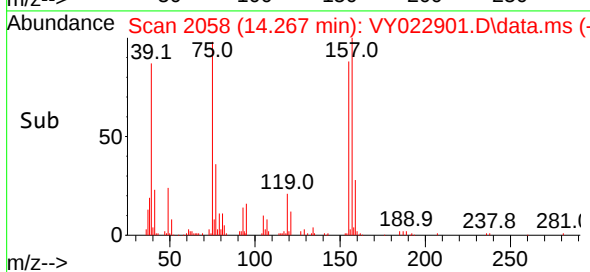
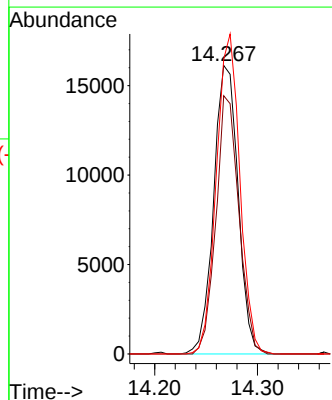
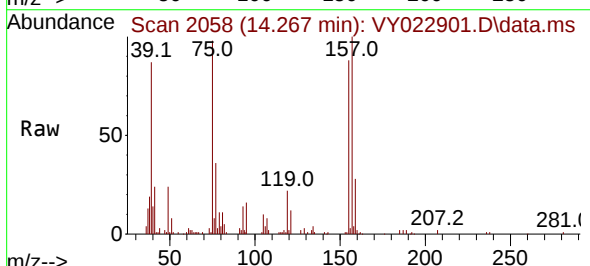
Tgt Ion: 75 Resp: 26565

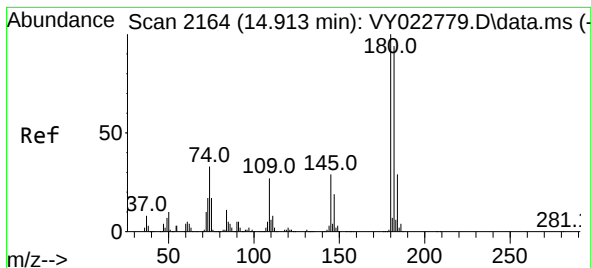
Ion Ratio Lower Upper

75 100

155 84.3 39.9 119.6

157 106.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 46.151 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

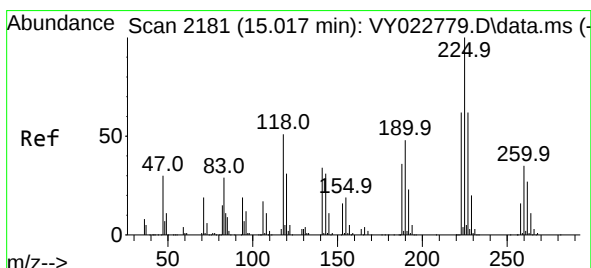
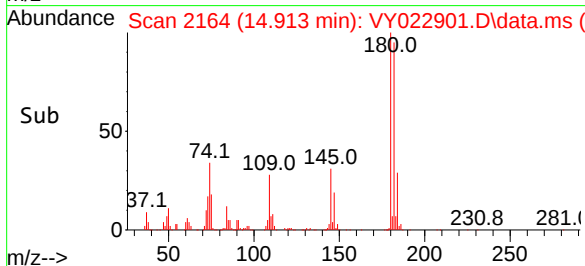
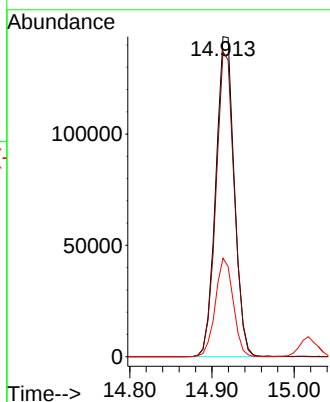
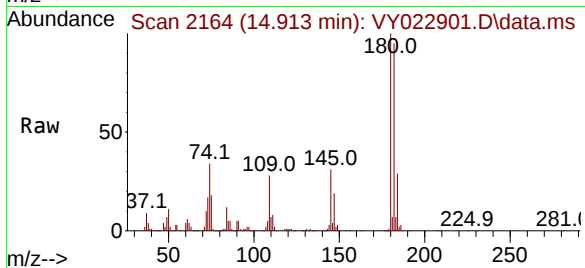
Tgt Ion:180 Resp: 224445

Ion Ratio Lower Upper

180 100

182 94.2 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 46.388 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

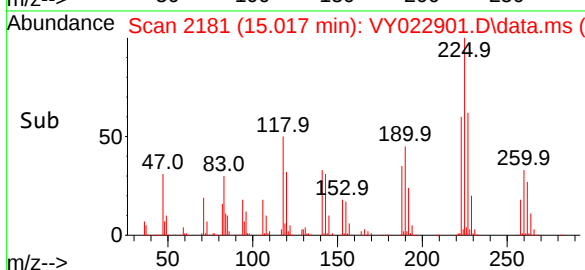
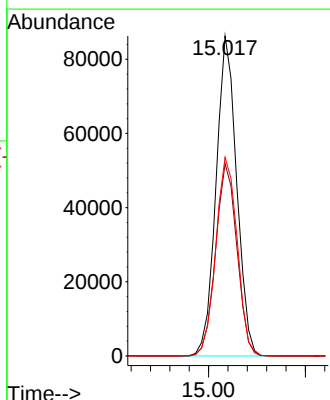
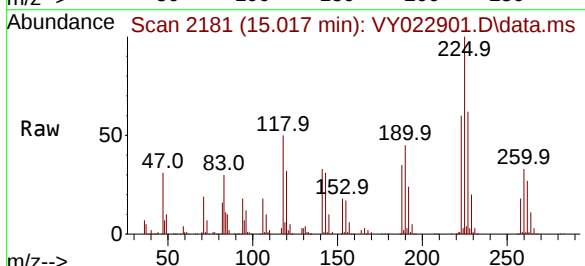
Tgt Ion:225 Resp: 127570

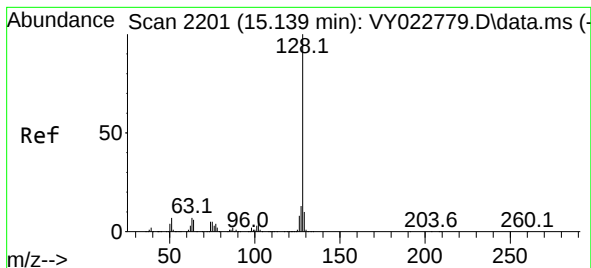
Ion Ratio Lower Upper

225 100

223 62.1 32.5 97.4

227 64.5 32.3 96.9





#95

Naphthalene

Concen: 45.065 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

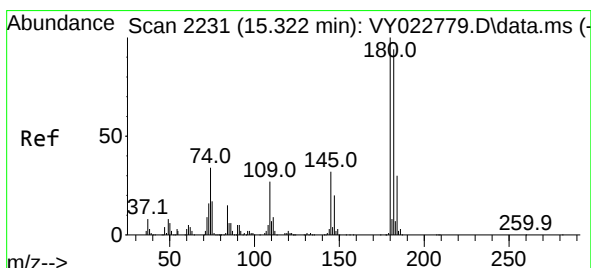
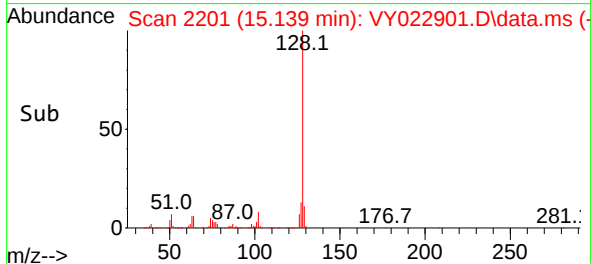
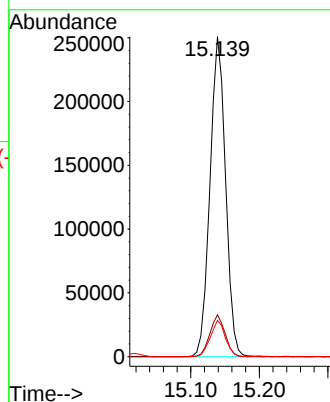
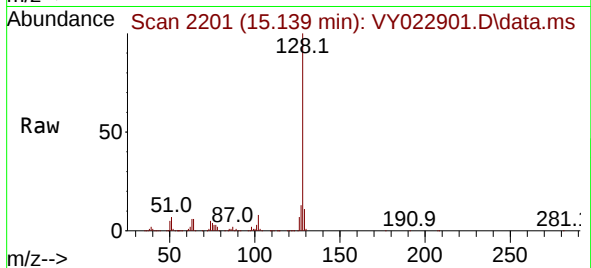
Tgt Ion:128 Resp: 396326

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.605 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022901.D

Acq: 01 Jul 2025 16:27

Tgt Ion:180 Resp: 187451

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.3

145 31.7 15.2 45.6

