

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022836.D
 Acq On : 25 Jun 2025 19:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 26 01:30:49 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	397871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	687449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	611099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	226147	50.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.634	113	206323	49.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.700%	
50) Toluene-d8	10.103	98	829213	49.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.401	95	262600	49.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	149926	44.067	ug/l	97
3) Chloromethane	2.068	50	295542	45.492	ug/l	100
4) Vinyl Chloride	2.202	62	393519	48.484	ug/l	99
5) Bromomethane	2.592	94	307019	48.116	ug/l	97
6) Chloroethane	2.726	64	275540	50.504	ug/l	96
7) Trichlorofluoromethane	3.049	101	415250	46.205	ug/l	98
8) Diethyl Ether	3.452	74	109700	49.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	189798	46.212	ug/l	97
10) Methyl Iodide	4.001	142	233937	52.315	ug/l	100
11) Tert butyl alcohol	4.854	59	69781	236.329	ug/l	98
12) 1,1-Dichloroethene	3.781	96	194171	48.215	ug/l	99
13) Acrolein	3.647	56	103724	259.058	ug/l	99
14) Allyl chloride	4.379	41	290065	46.827	ug/l	96
15) Acrylonitrile	5.055	53	230320	248.693	ug/l	98
16) Acetone	3.866	43	169441	201.880	ug/l	97
17) Carbon Disulfide	4.098	76	628075	48.276	ug/l	99
18) Methyl Acetate	4.385	43	135419	48.720	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	548740	50.042	ug/l	100
20) Methylene Chloride	4.610	84	242637	45.776	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	226042	49.111	ug/l	95
22) Diisopropyl ether	6.012	45	681552	49.544	ug/l	99
23) Vinyl Acetate	5.951	43	1850781	243.604	ug/l	99
24) 1,1-Dichloroethane	5.909	63	411251	49.493	ug/l	100
25) 2-Butanone	6.890	43	285157	233.437	ug/l	96
26) 2,2-Dichloropropane	6.878	77	276589	39.710	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	268752	50.250	ug/l	96
28) Bromochloromethane	7.238	49	167101	47.834	ug/l	91
29) Tetrahydrofuran	7.256	42	187411	242.966	ug/l	95
30) Chloroform	7.421	83	426905	49.882	ug/l	96
31) Cyclohexane	7.695	56	339257	44.479	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	359647	48.629	ug/l	99
36) 1,1-Dichloropropene	7.835	75	295300	46.600	ug/l	99
37) Ethyl Acetate	6.982	43	129158	47.233	ug/l #	98
38) Carbon Tetrachloride	7.817	117	309824	46.337	ug/l	98
39) Methylcyclohexane	9.103	83	372262	45.394	ug/l	98
40) Benzene	8.079	78	945746	48.541	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	75036	44.573	ug/l	98
42) 1,2-Dichloroethane	8.158	62	262714	49.207	ug/l	99
43) Isopropyl Acetate	8.195	43	272686	47.980	ug/l	98
44) Trichloroethene	8.859	130	240985	49.264	ug/l	98
45) 1,2-Dichloropropane	9.140	63	219678	48.176	ug/l	95
46) Dibromomethane	9.231	93	125978	48.667	ug/l	96
47) Bromodichloromethane	9.420	83	326746	48.950	ug/l	98
48) Methyl methacrylate	9.219	41	132878	48.634	ug/l	94
49) 1,4-Dioxane	9.225	88	29679	970.450	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	715574	247.764	ug/l	95
52) Toluene	10.164	92	609571	49.592	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	280963	46.782	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	328906	47.232	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	164581	49.101	ug/l	97
56) Ethyl methacrylate	10.432	69	225359	49.973	ug/l	96
57) 1,3-Dichloropropane	10.713	76	282282	48.270	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	547116	232.033	ug/l	97
59) 2-Hexanone	10.755	43	475008	241.911	ug/l	97
60) Dibromochloromethane	10.908	129	213725	49.364	ug/l	100
61) 1,2-Dibromoethane	11.011	107	154425	49.233	ug/l	96
64) Tetrachloroethene	10.646	164	293977	50.922	ug/l	99
65) Chlorobenzene	11.438	112	644532	48.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	220509	48.484	ug/l	99
67) Ethyl Benzene	11.517	91	1146519	48.597	ug/l	96
68) m/p-Xylenes	11.621	106	892156	97.824	ug/l	100
69) o-Xylene	11.950	106	424002	49.341	ug/l	100
70) Styrene	11.963	104	717258	49.829	ug/l	99
71) Bromoform	12.127	173	121895	48.134	ug/l #	100
73) Isopropylbenzene	12.249	105	1071114	47.720	ug/l	99
74) N-amyl acetate	12.066	43	245588	48.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.499	83	161239	44.572	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	240292	77.552	ug/l #	100
77) Bromobenzene	12.529	156	245118	48.179	ug/l	98
78) n-propylbenzene	12.590	91	1284677	47.405	ug/l	98
79) 2-Chlorotoluene	12.676	91	733588	47.912	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	881685	48.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	50396	41.091	ug/l	98
82) 4-Chlorotoluene	12.773	91	773037	48.066	ug/l	99
83) tert-Butylbenzene	12.993	119	770461	48.214	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	879271	48.468	ug/l	100
85) sec-Butylbenzene	13.170	105	1155875	48.075	ug/l	99
86) p-Isopropyltoluene	13.285	119	955306	47.746	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	487424	47.703	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	478680	47.161	ug/l	100
89) n-Butylbenzene	13.609	91	868793	46.162	ug/l	98
90) Hexachloroethane	13.871	117	187650	47.088	ug/l	96
91) 1,2-Dichlorobenzene	13.651	146	424325	47.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	28135	45.862	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	222493	43.763	ug/l	98
94) Hexachlorobutadiene	15.017	225	123026	42.793	ug/l	98
95) Naphthalene	15.139	128	428508	46.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	195540	44.510	ug/l	99

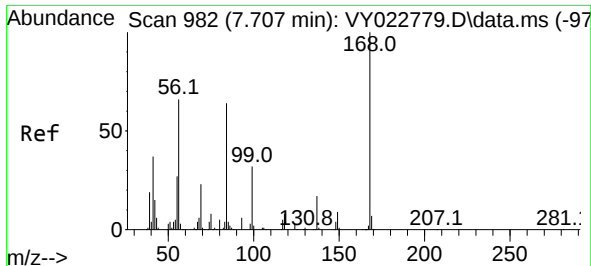
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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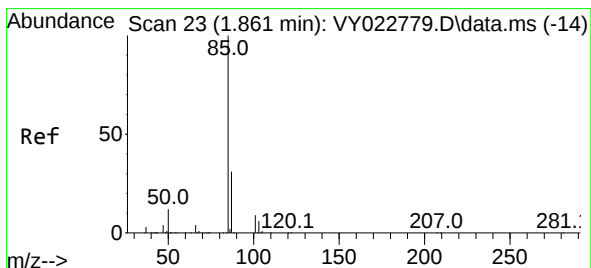
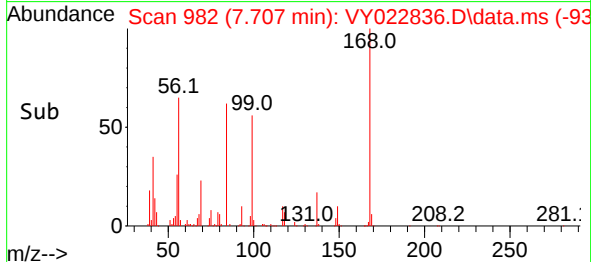
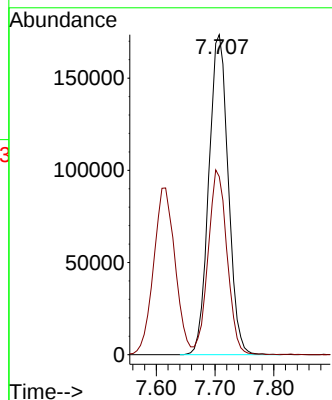
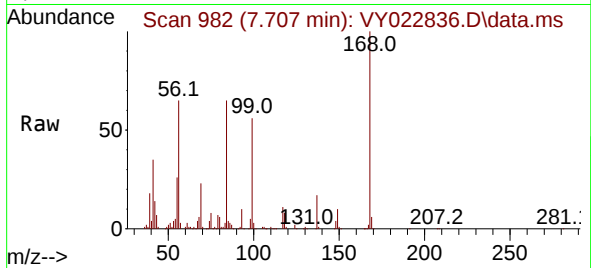
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

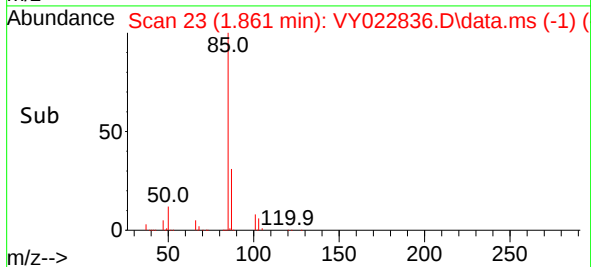
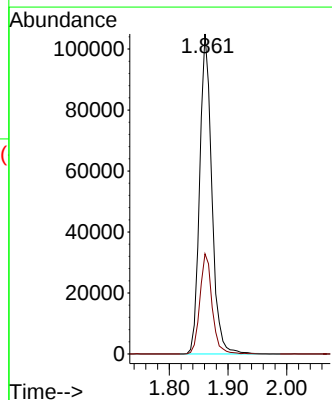
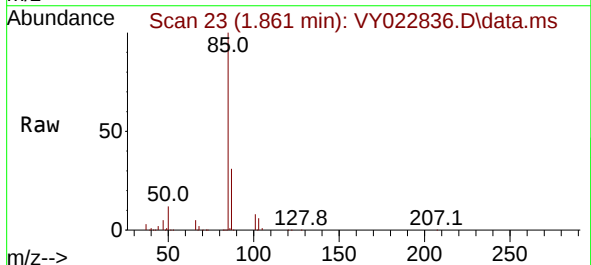
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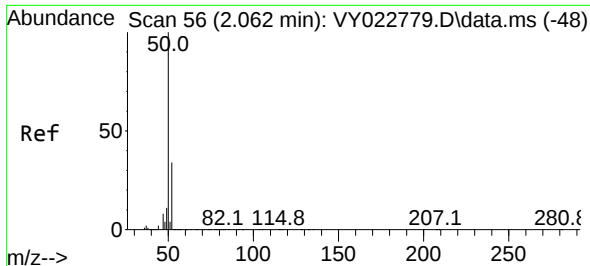
Tgt Ion:168 Resp: 397871
Ion Ratio Lower Upper
168 100
99 55.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.067 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 85 Resp: 149926
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0

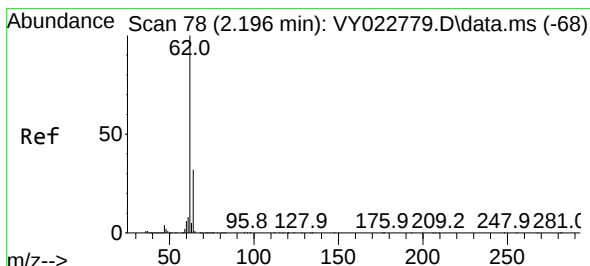
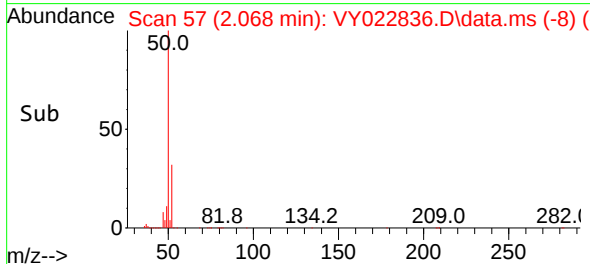
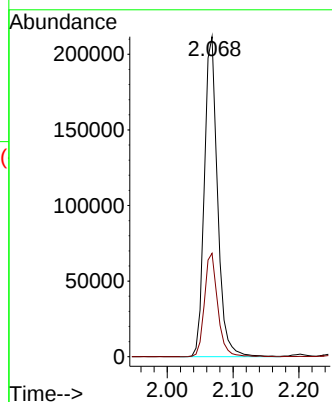
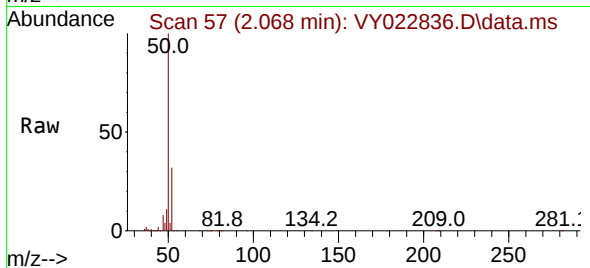




#3
Chloromethane
Concen: 45.492 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

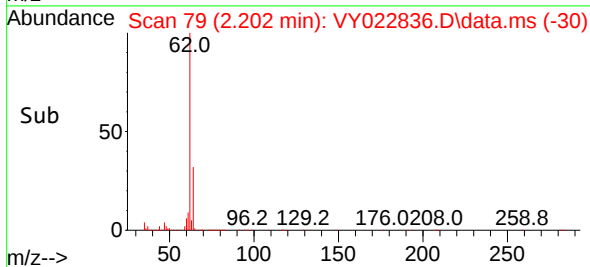
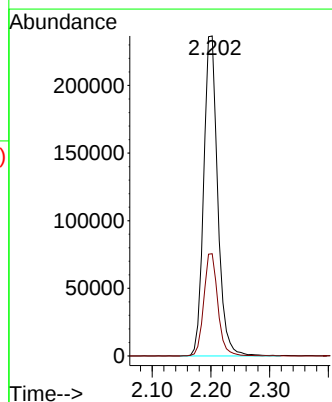
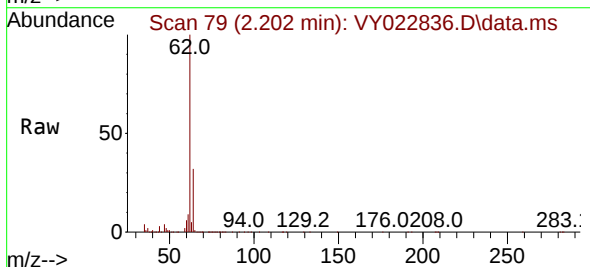
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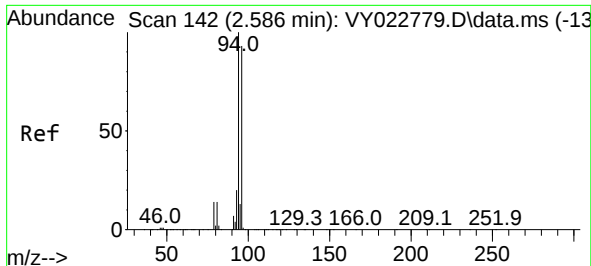
Tgt Ion: 50 Resp: 295542
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0



#4
Vinyl Chloride
Concen: 48.484 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 62 Resp: 393519
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9

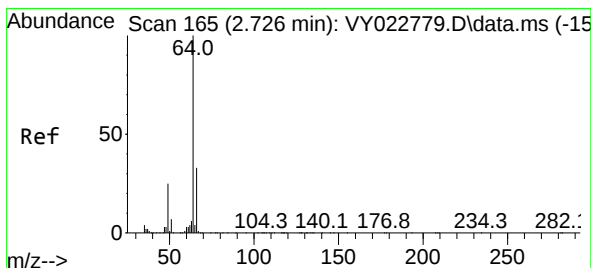
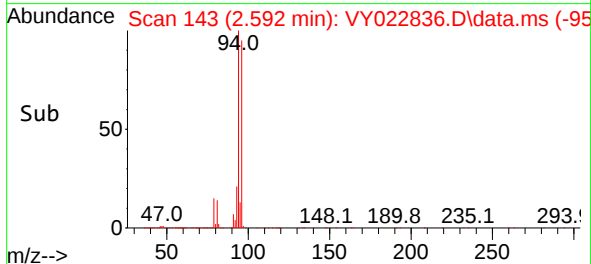
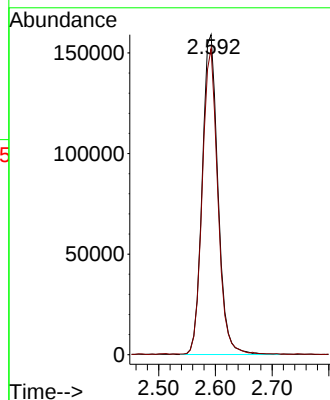
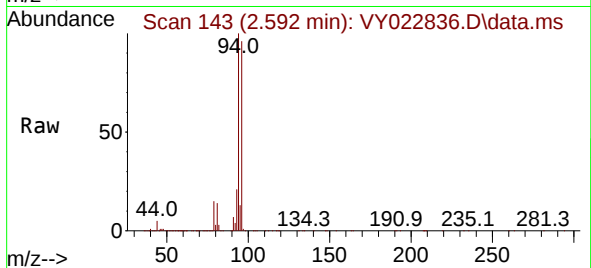




#5
Bromomethane
Concen: 48.116 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

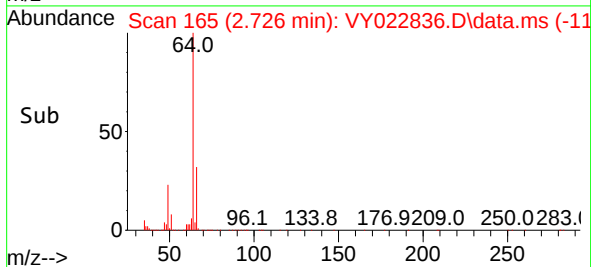
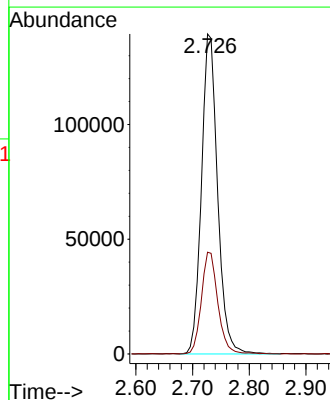
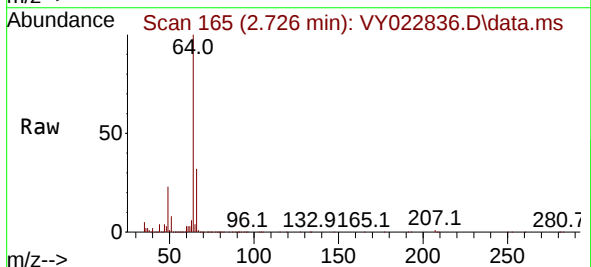
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Tgt Ion: 94 Resp: 307019
Ion Ratio Lower Upper
94 100
96 95.5 74.0 111.0



#6
Chloroethane
Concen: 50.504 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 64 Resp: 275540
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.6

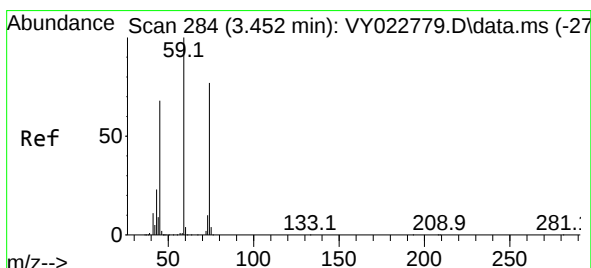
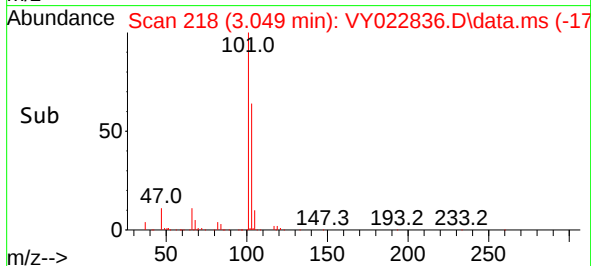
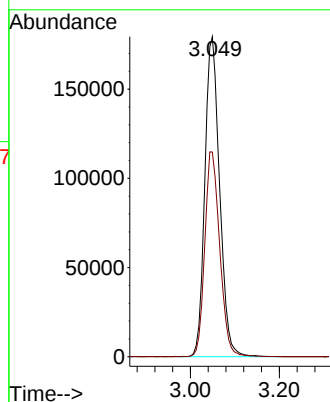
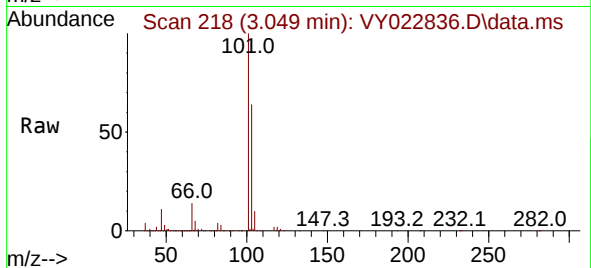




#7
 Trichlorofluoromethane
 Concen: 46.205 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VY022836.D
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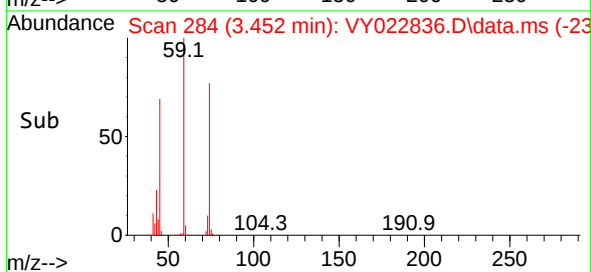
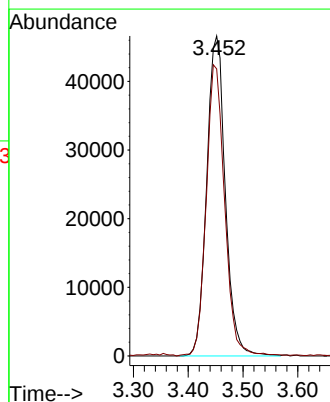
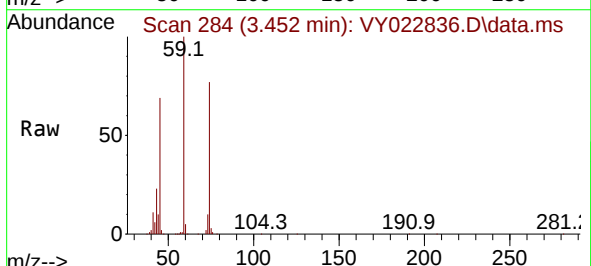
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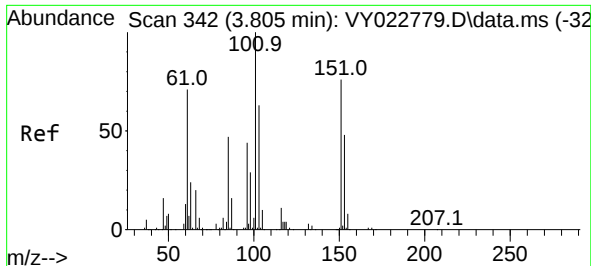
Tgt Ion:101 Resp: 415250
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.2



#8
 Diethyl Ether
 Concen: 49.421 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

Tgt Ion: 74 Resp: 109700
 Ion Ratio Lower Upper
 74 100
 45 90.4 45.9 137.6

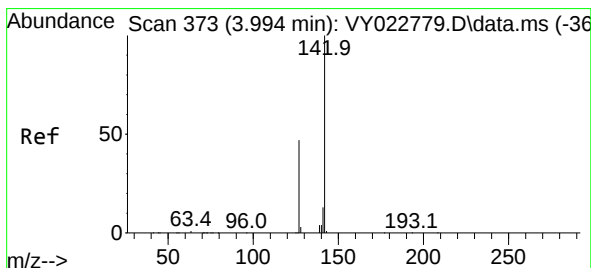
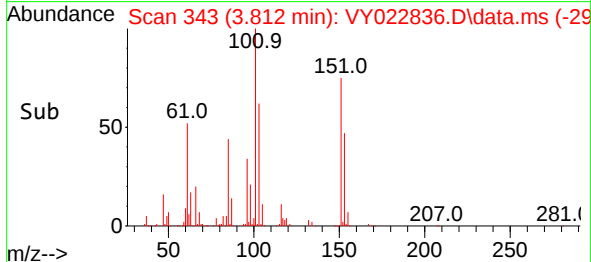
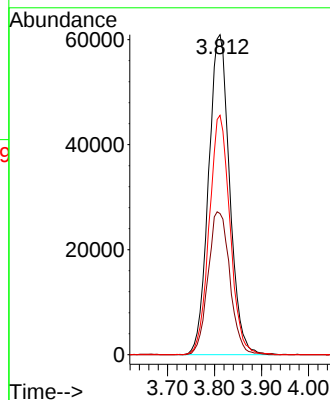
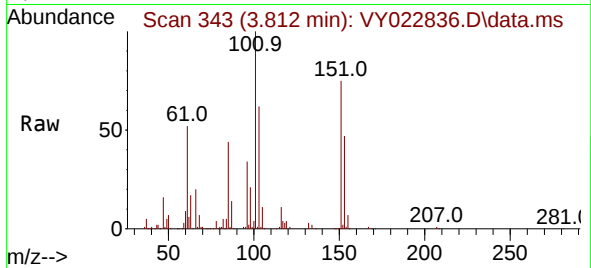




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.212 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
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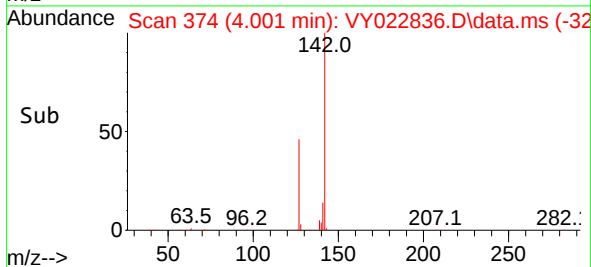
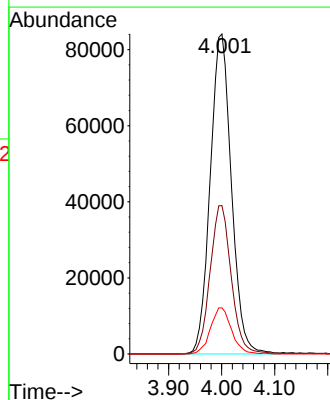
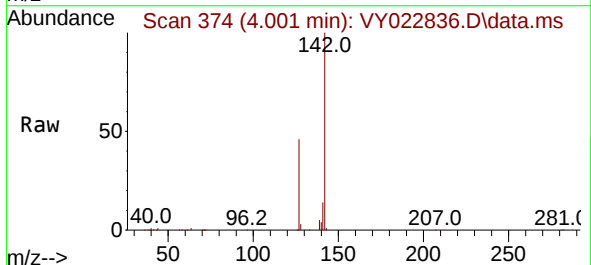
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

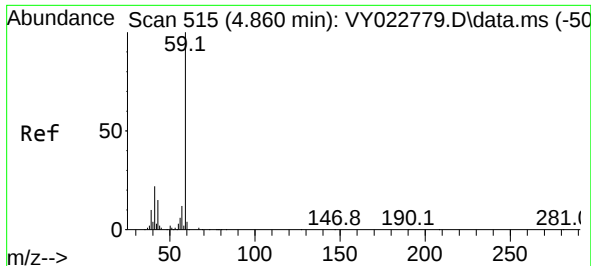
Tgt Ion:101 Resp: 189798
Ion Ratio Lower Upper
101 100
85 46.2 39.3 58.9
151 73.7 57.8 86.8



#10
Methyl Iodide
Concen: 52.315 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion:142 Resp: 233937
Ion Ratio Lower Upper
142 100
127 46.3 37.1 55.7
141 14.3 11.4 17.2

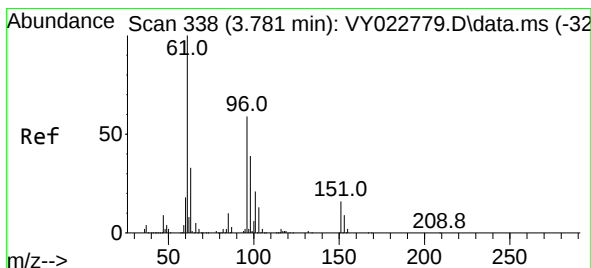
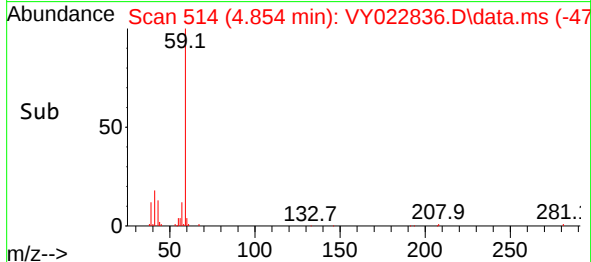
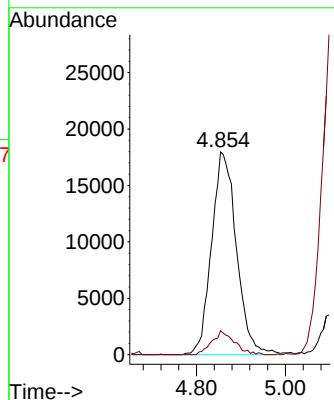
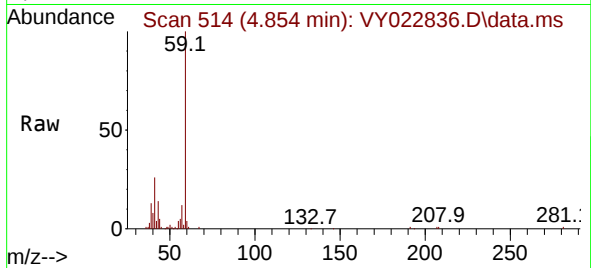




#11
Tert butyl alcohol
Concen: 236.329 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.031 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

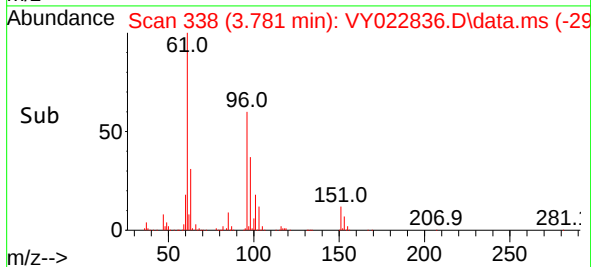
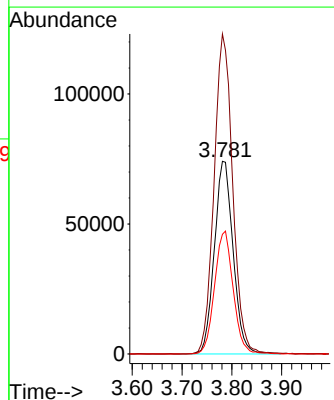
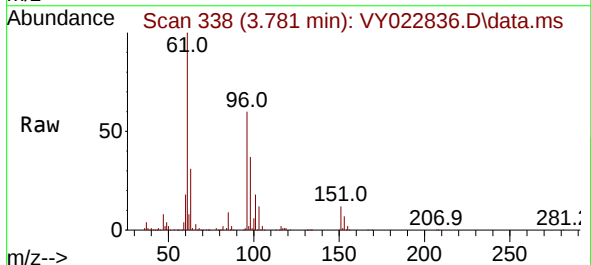
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 69781
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.215 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 96 Resp: 194171
Ion Ratio Lower Upper
96 100
61 166.1 134.6 201.8
98 62.1 50.2 75.4

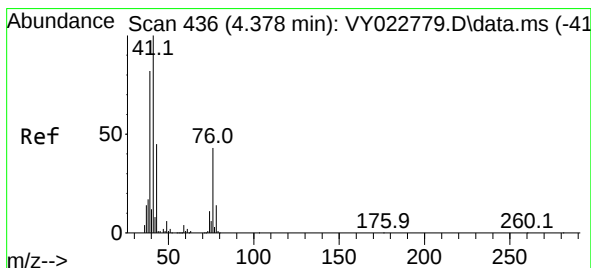
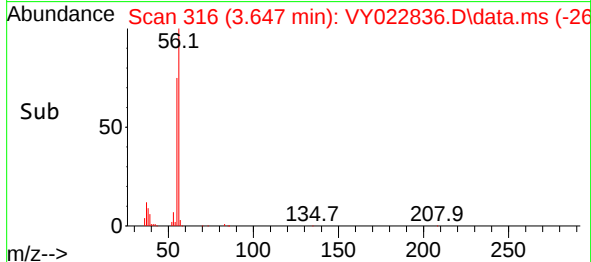
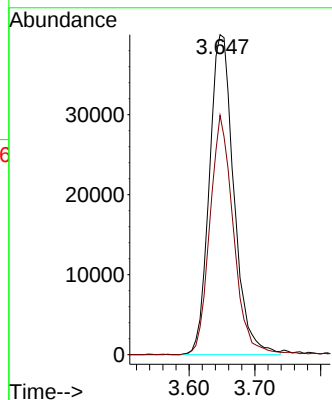
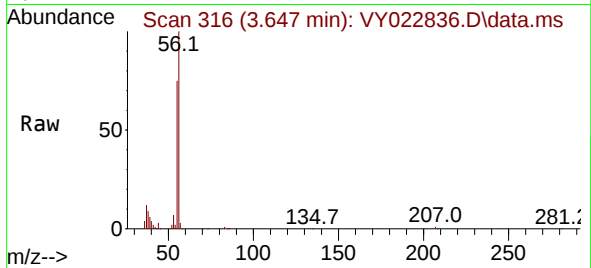




#13
Acrolein
Concen: 259.058 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

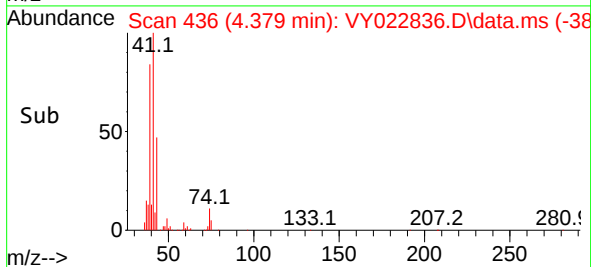
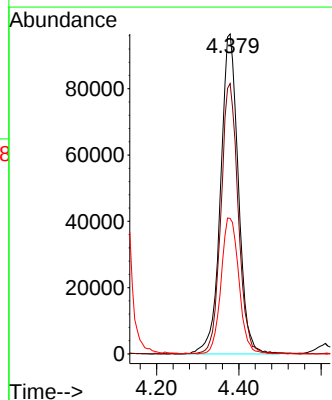
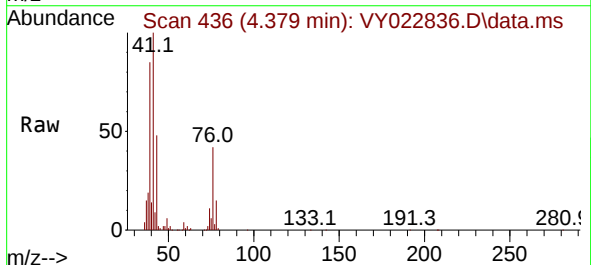
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

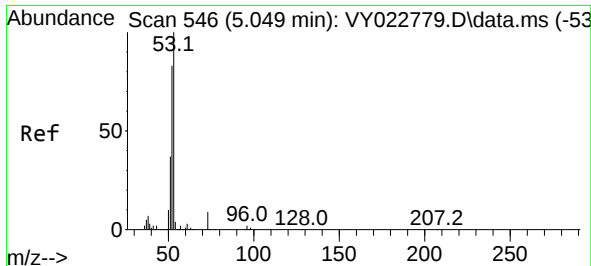
Tgt Ion: 56 Resp: 103724
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.6



#14
Allyl chloride
Concen: 46.827 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 41 Resp: 290065
Ion Ratio Lower Upper
41 100
39 82.0 69.1 103.7
76 42.6 33.5 50.3

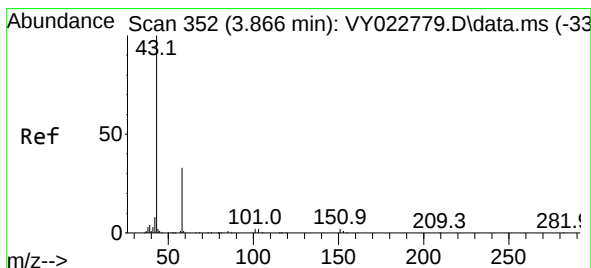
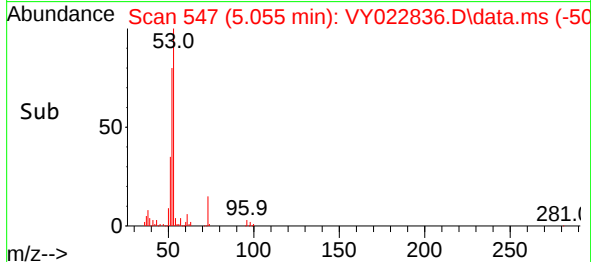
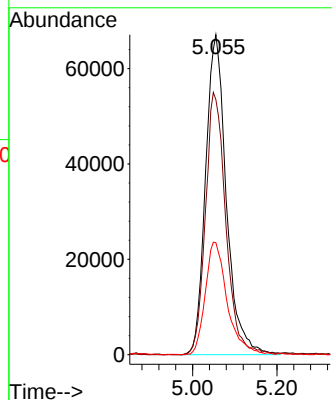
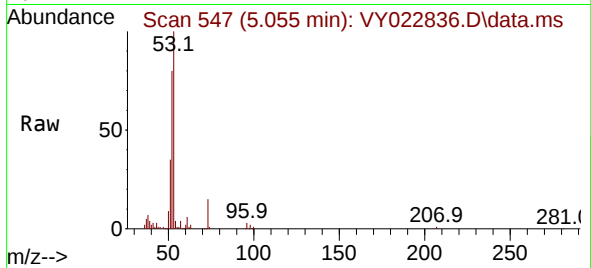




#15
Acrylonitrile
Concen: 248.693 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

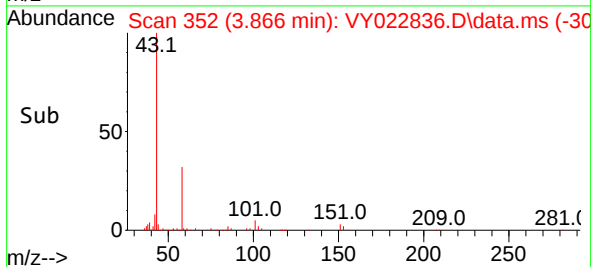
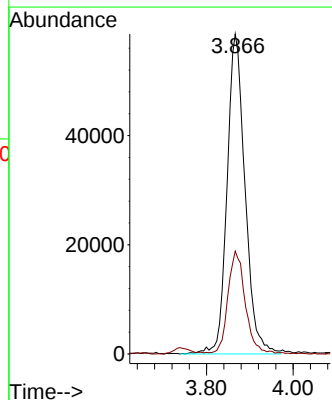
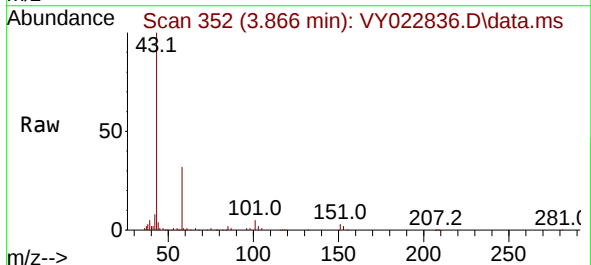
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

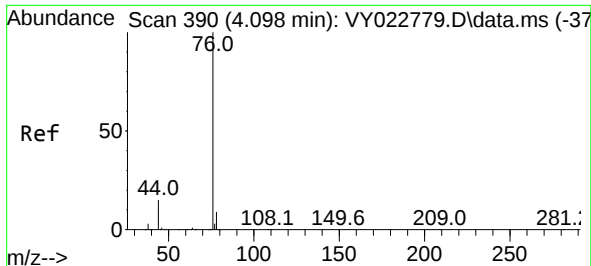
Tgt Ion: 53 Resp: 230320
Ion Ratio Lower Upper
53 100
52 80.4 65.7 98.5
51 37.1 30.1 45.1



#16
Acetone
Concen: 201.880 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 43 Resp: 169441
Ion Ratio Lower Upper
43 100
58 31.7 24.0 36.0

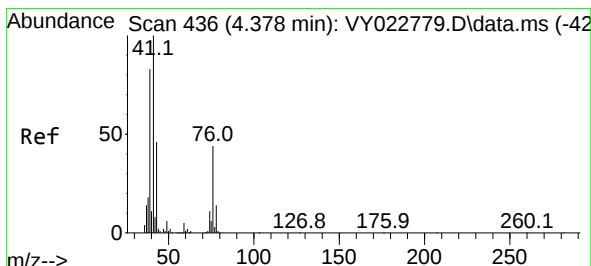
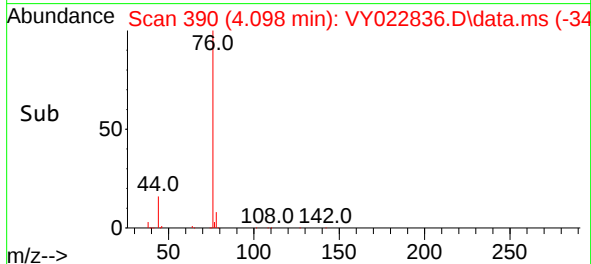
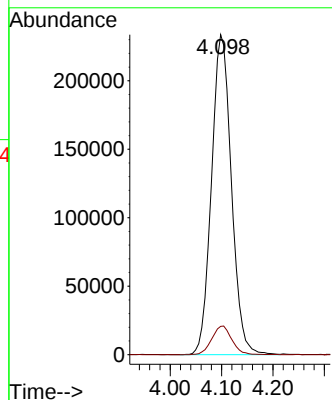
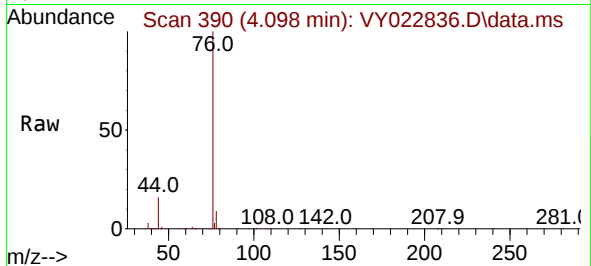




#17
Carbon Disulfide
Concen: 48.276 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

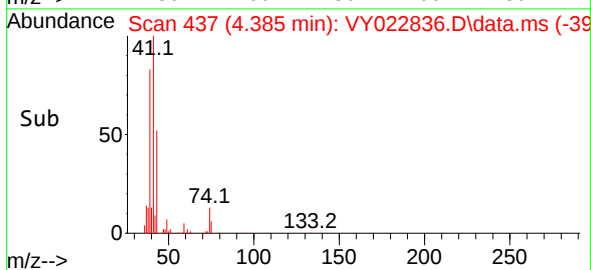
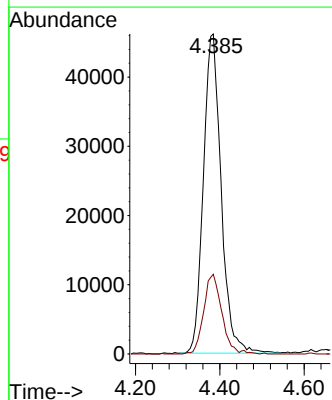
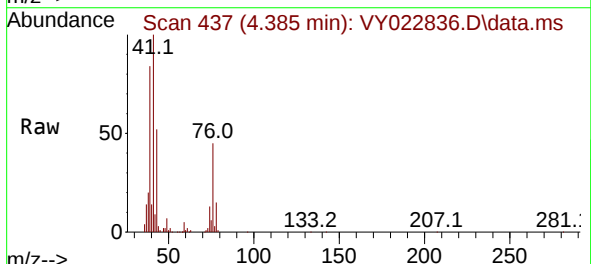
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 628075
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 48.720 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 43 Resp: 135419
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 50.042 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

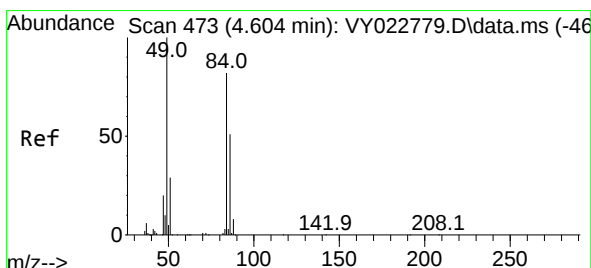
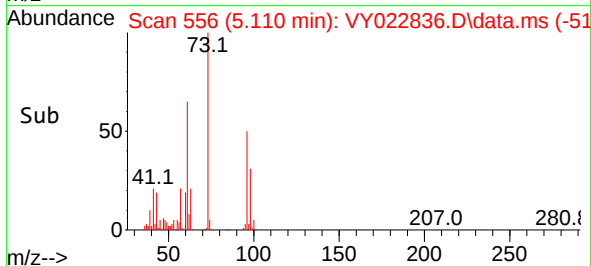
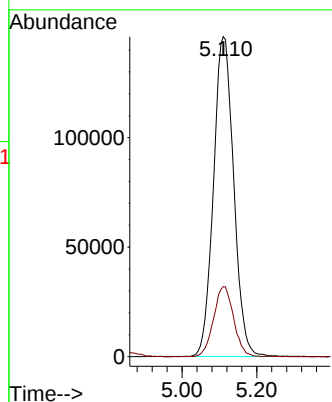
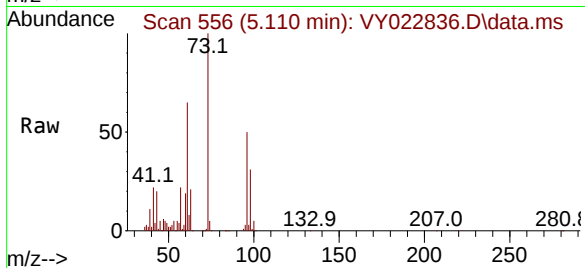
VSTDCCC050EC

Tgt Ion: 73 Resp: 548740

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.0



#20

Methylene Chloride

Concen: 45.776 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Tgt Ion: 84 Resp: 242637

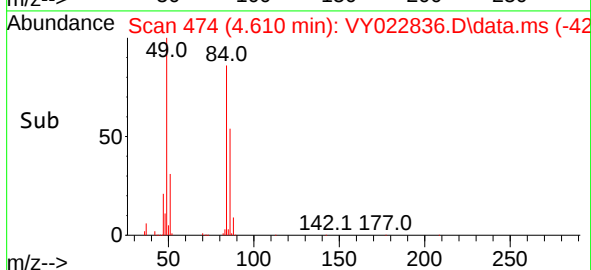
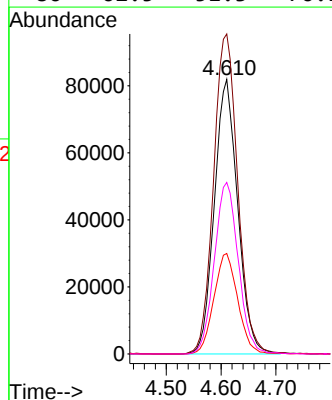
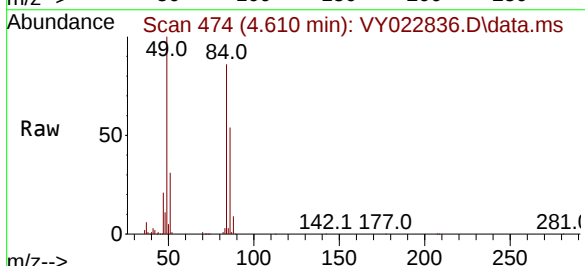
Ion Ratio Lower Upper

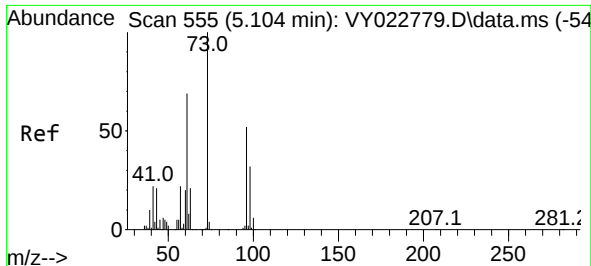
84 100

49 116.6 101.9 152.9

51 36.6 29.8 44.8

86 62.5 51.3 76.9

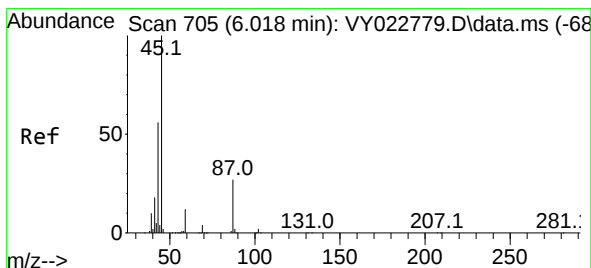
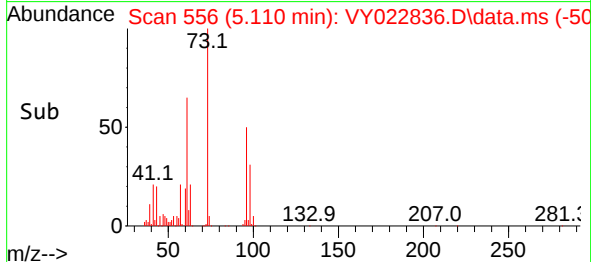
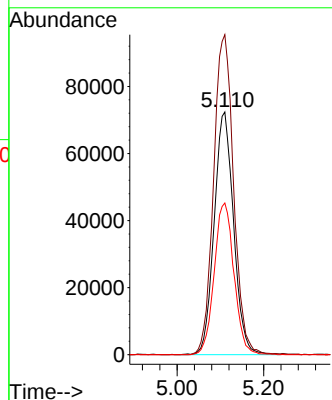
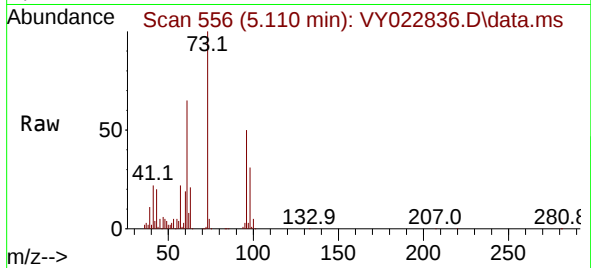




#21
trans-1,2-Dichloroethene
Concen: 49.111 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

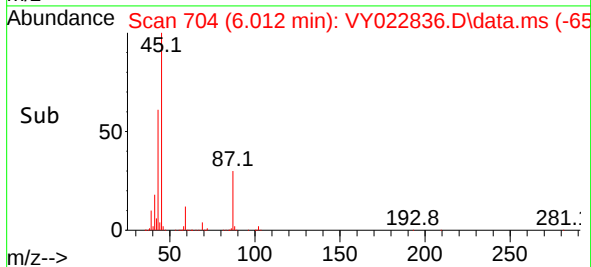
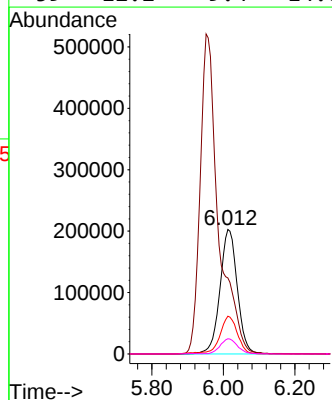
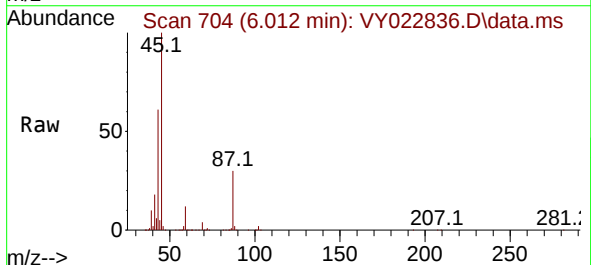
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

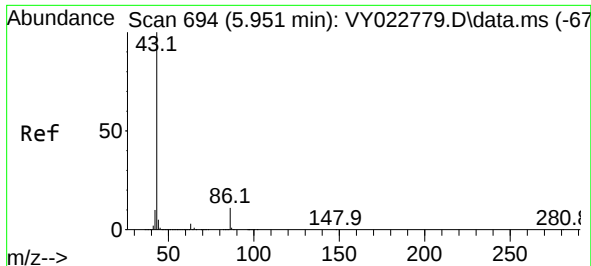
Tgt Ion: 96 Resp: 226042
Ion Ratio Lower Upper
96 100
61 131.9 112.6 169.0
98 62.5 50.6 75.8



#22
Diisopropyl ether
Concen: 49.544 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 45 Resp: 681552
Ion Ratio Lower Upper
45 100
43 61.0 48.3 72.5
87 30.3 23.0 34.6
59 12.2 9.4 14.0

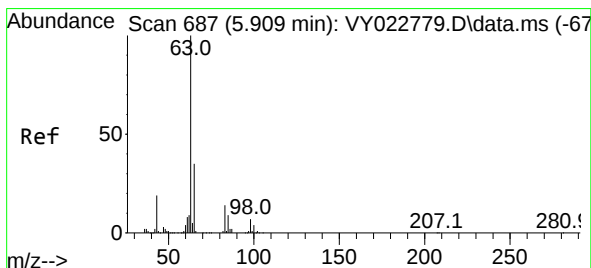
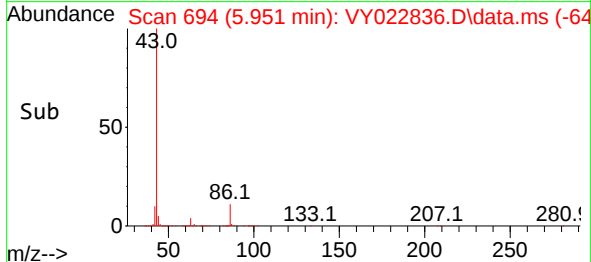
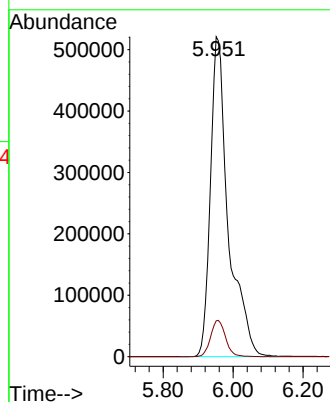
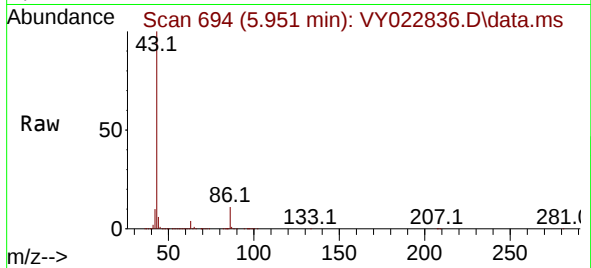




#23
 Vinyl Acetate
 Concen: 243.604 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

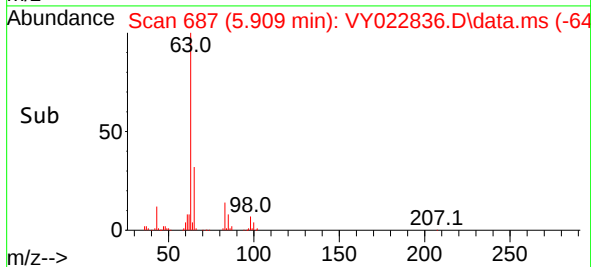
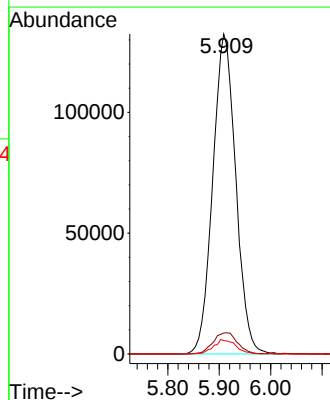
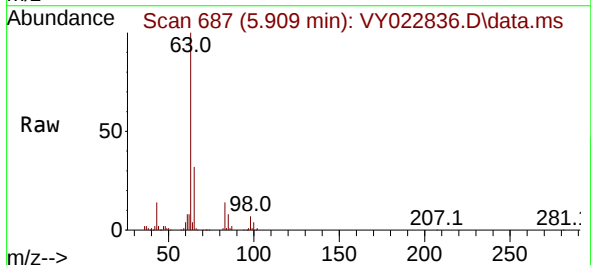
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

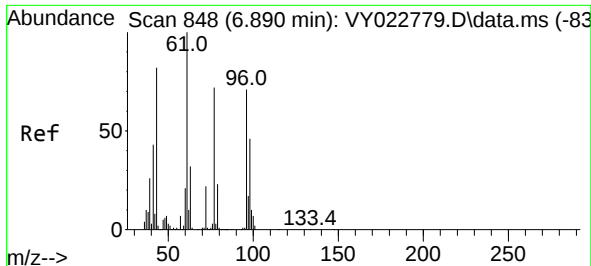
Tgt Ion: 43 Resp: 1850781
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.493 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

Tgt Ion: 63 Resp: 411251
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.2 2.1 6.3

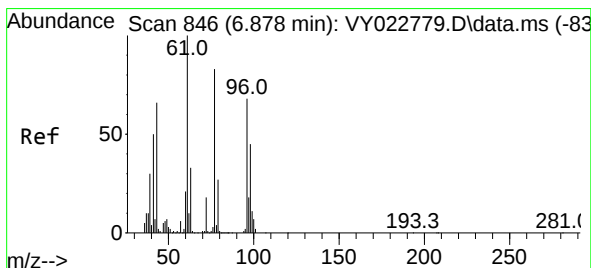
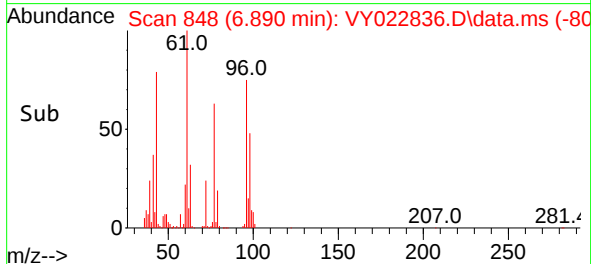
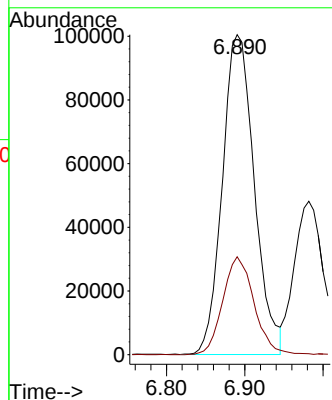
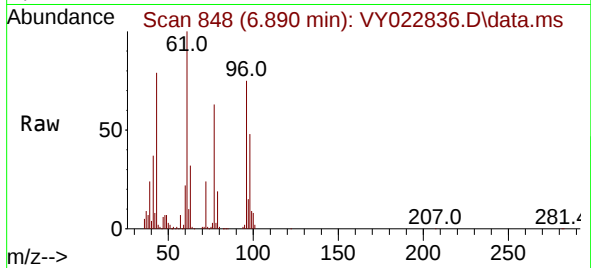




#25
2-Butanone
Concen: 233.437 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

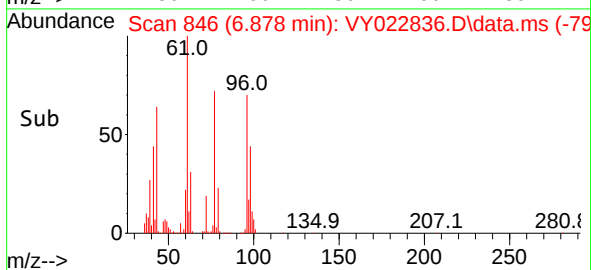
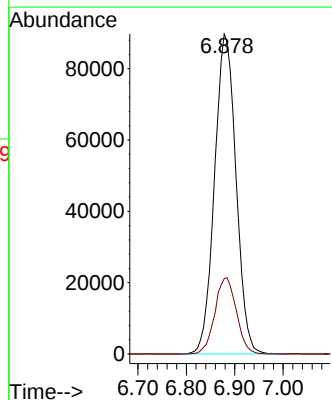
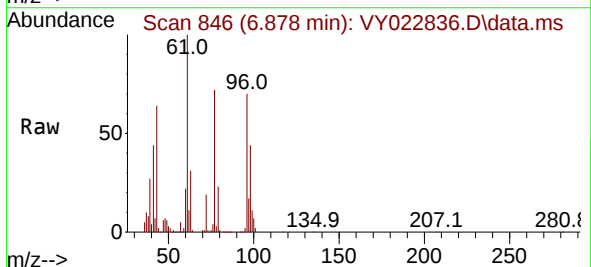
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

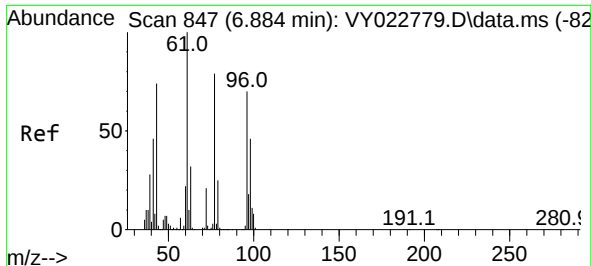
Tgt Ion: 43 Resp: 285157
Ion Ratio Lower Upper
43 100
72 30.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 39.710 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 77 Resp: 276589
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.2



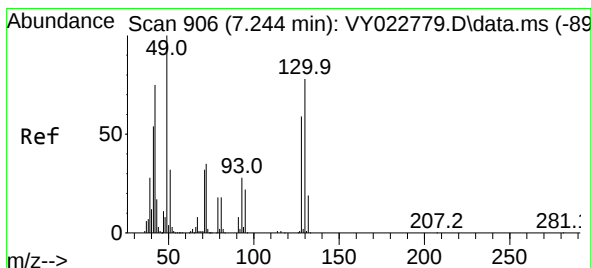
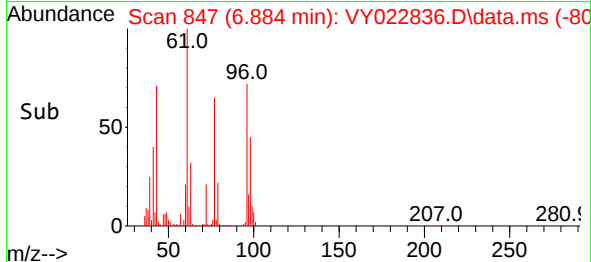
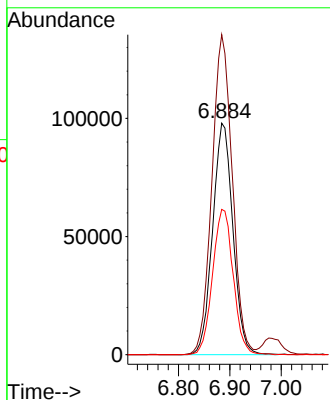
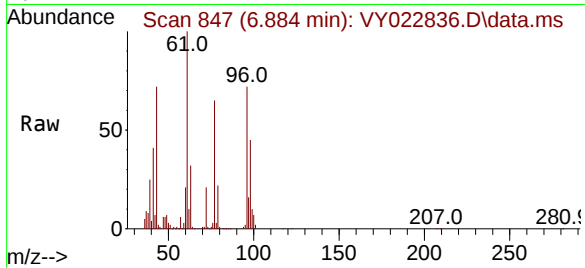


#27
 cis-1,2-Dichloroethene
 Concen: 50.250 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 268752

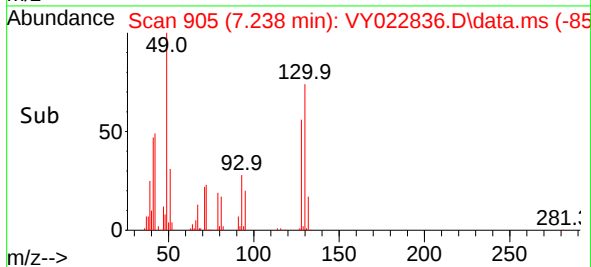
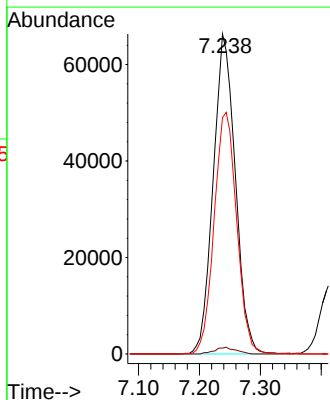
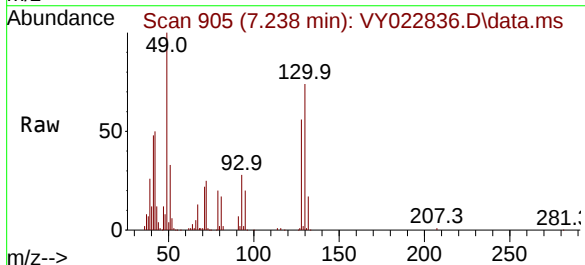
Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	290.0
98	63.7	0.0	128.4

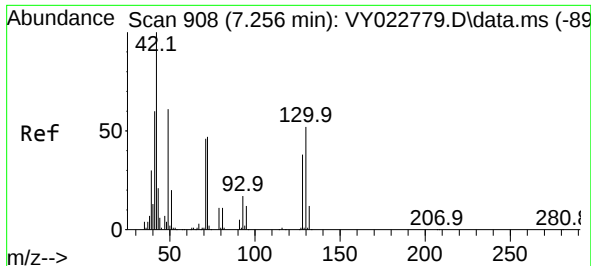


#28
 Bromochloromethane
 Concen: 47.834 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

Tgt Ion: 49 Resp: 167101

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	77.1	55.7	83.5





#29

Tetrahydrofuran

Concen: 242.966 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

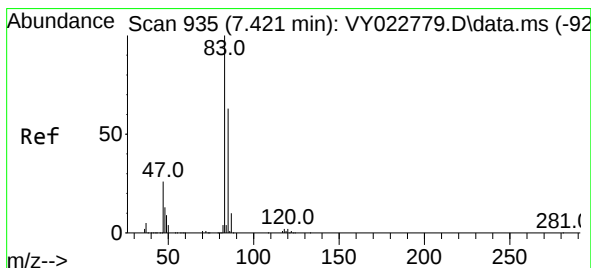
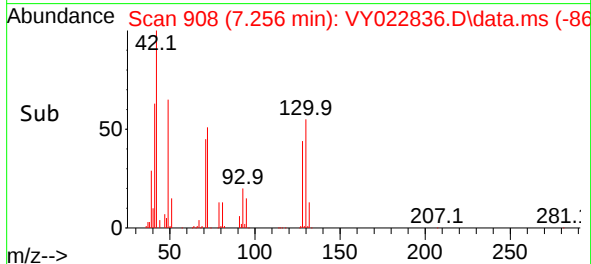
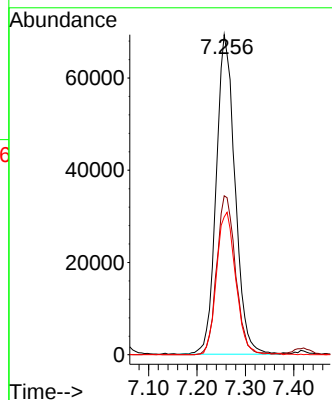
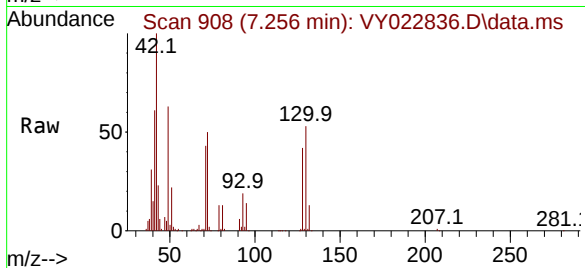
Tgt Ion: 42 Resp: 187411

Ion Ratio Lower Upper

42 100

72 49.9 37.4 56.2

71 45.5 34.2 51.2



#30

Chloroform

Concen: 49.882 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022836.D

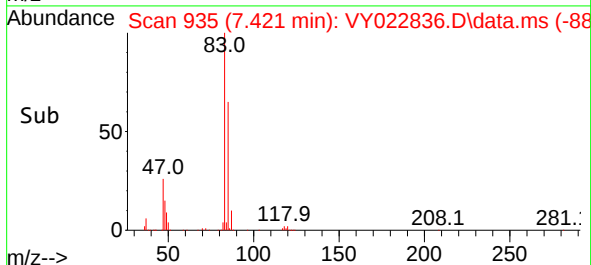
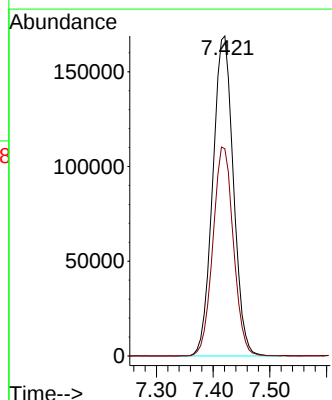
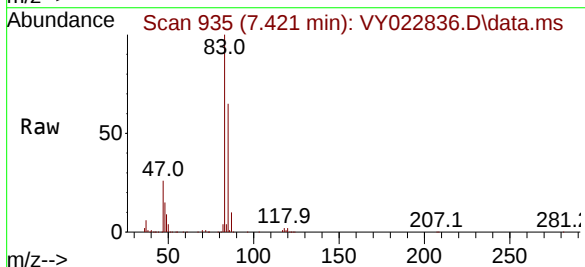
Acq: 25 Jun 2025 19:59

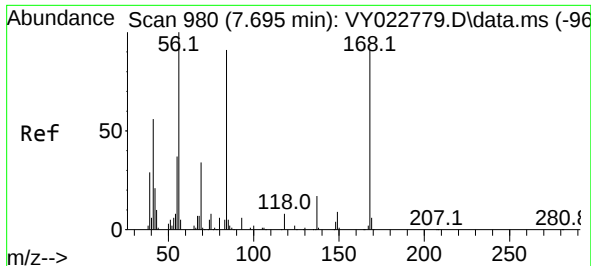
Tgt Ion: 83 Resp: 426905

Ion Ratio Lower Upper

83 100

85 64.7 54.2 81.4

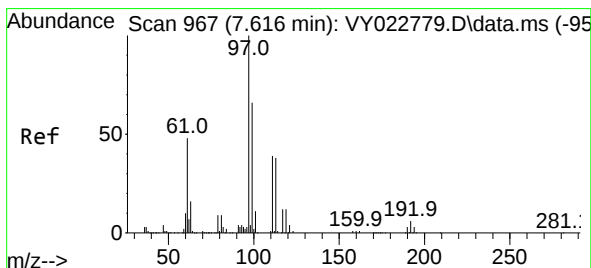
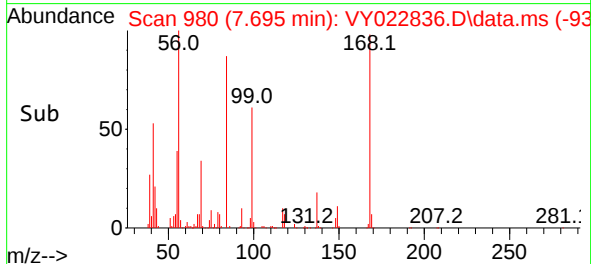
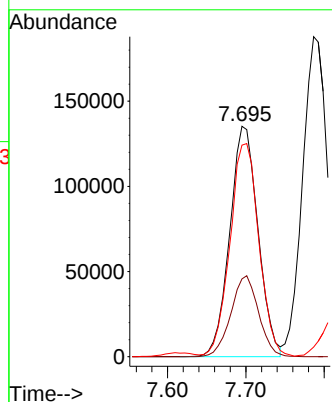
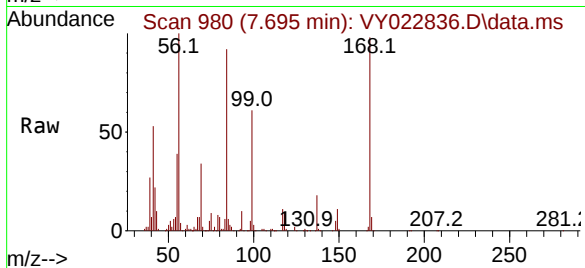




#31
Cyclohexane
Concen: 44.479 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

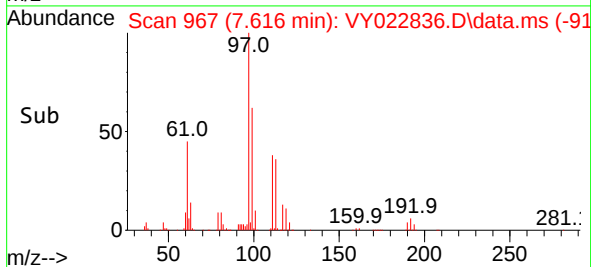
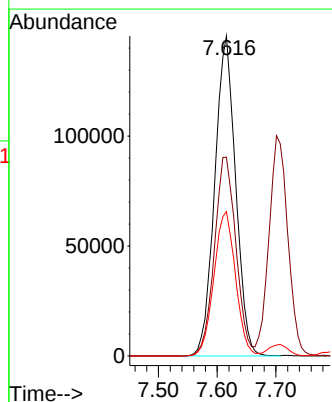
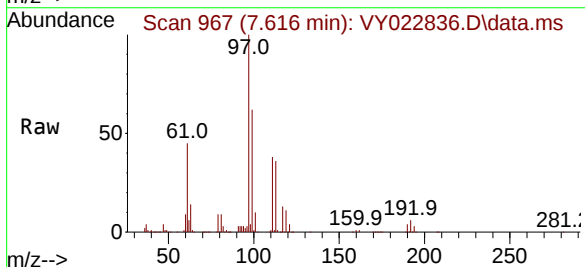
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

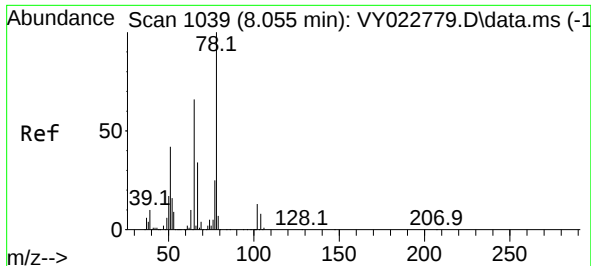
Tgt Ion: 56 Resp: 339257
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.6
84 90.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 48.629 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 97 Resp: 359647
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 46.7 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.927 ug/l

RT: 8.061 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

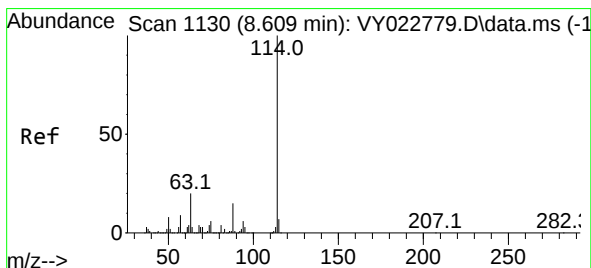
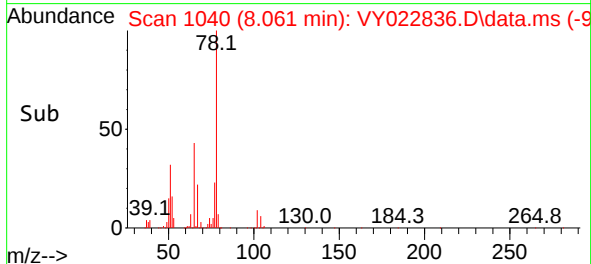
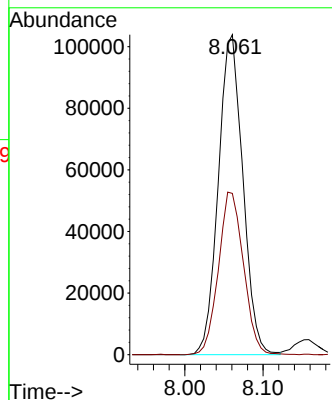
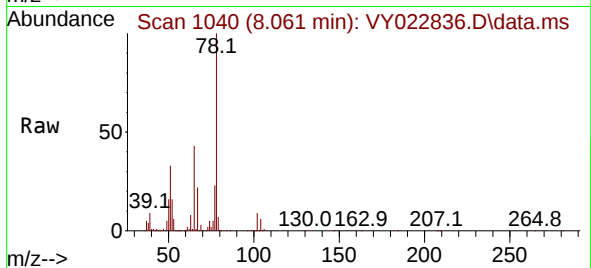
VSTDCCC050EC

Tgt Ion: 65 Resp: 226147

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

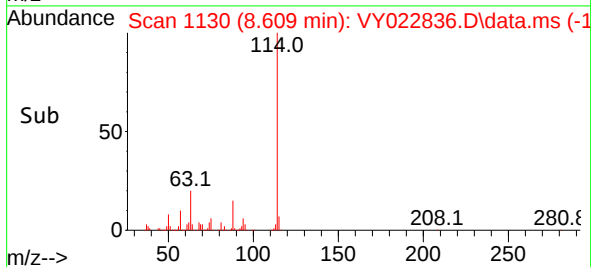
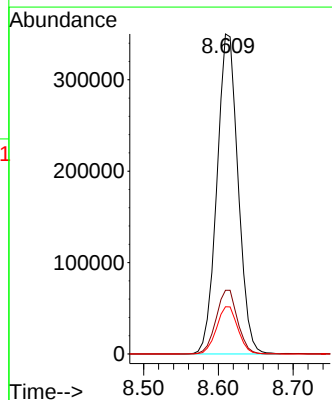
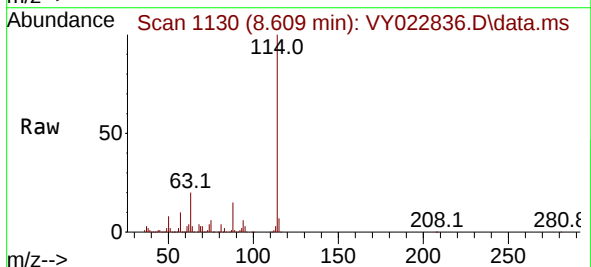
Tgt Ion: 114 Resp: 687449

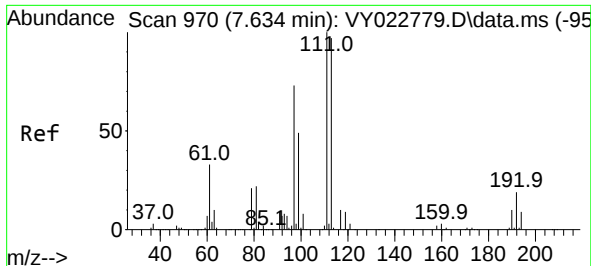
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 14.8 0.0 27.8

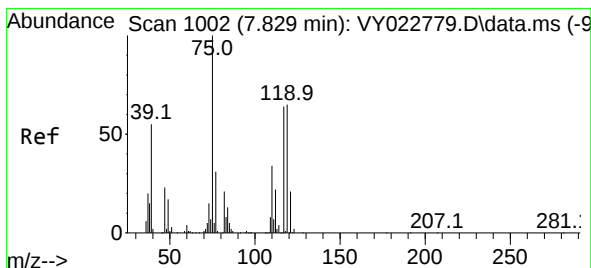
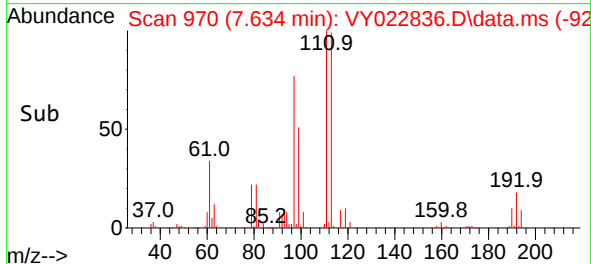
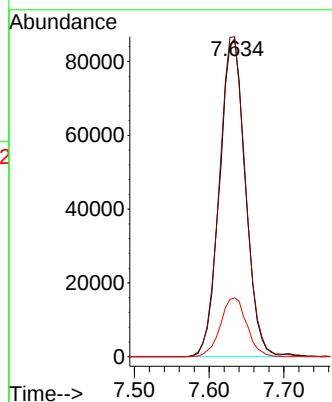
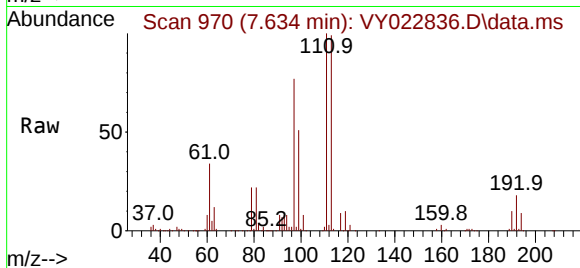




#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

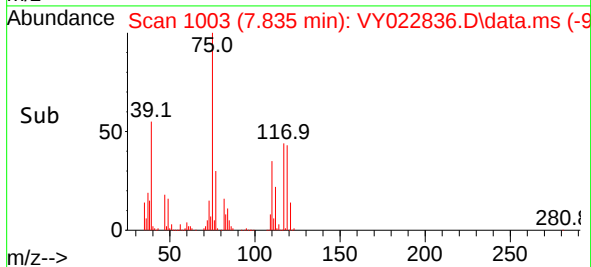
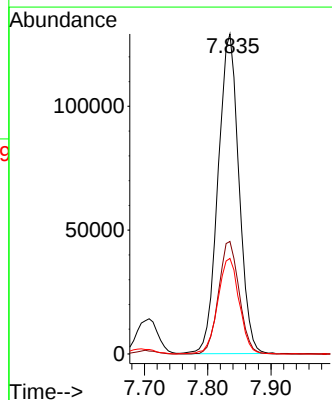
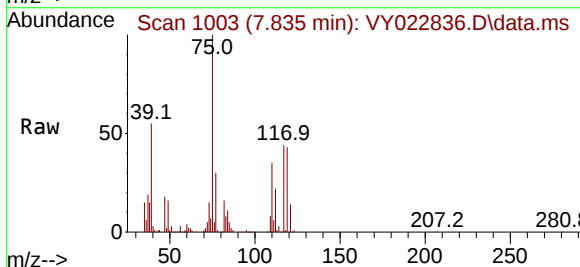
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

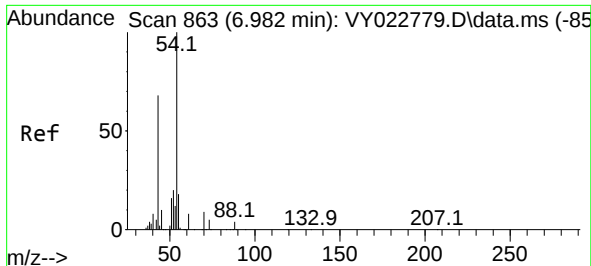
Tgt Ion:113 Resp: 206323
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 19.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 46.600 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 75 Resp: 295300
Ion Ratio Lower Upper
75 100
110 34.8 16.9 50.7
77 30.9 24.8 37.2

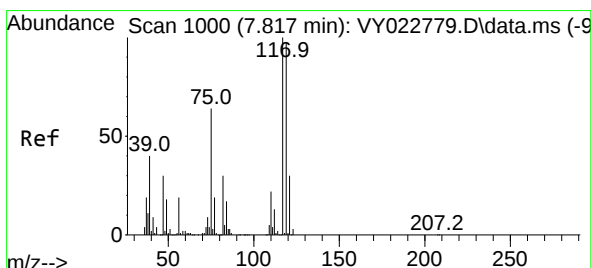
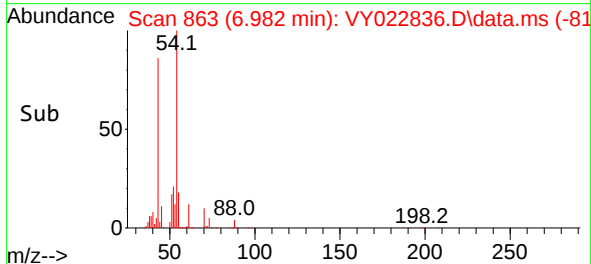
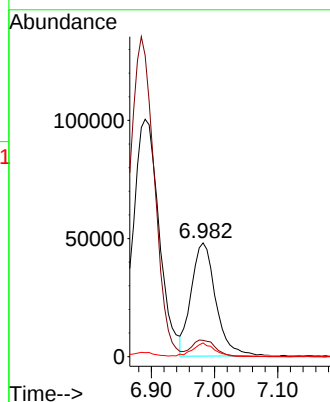
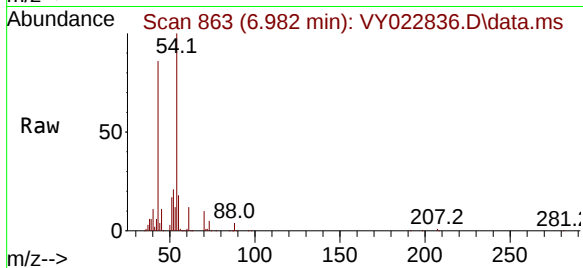




#37
Ethyl Acetate
Concen: 47.233 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

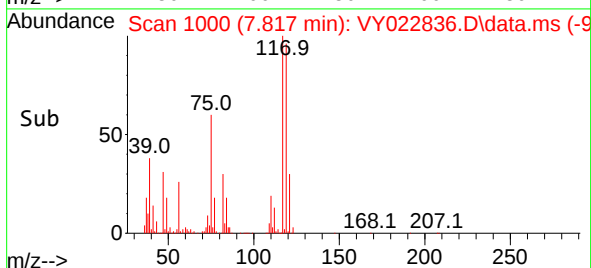
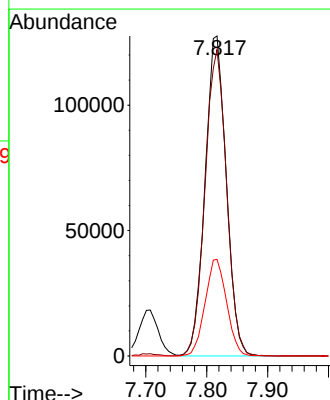
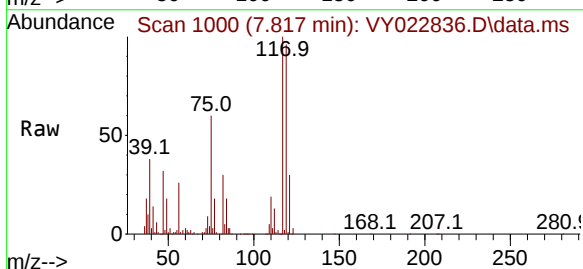
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

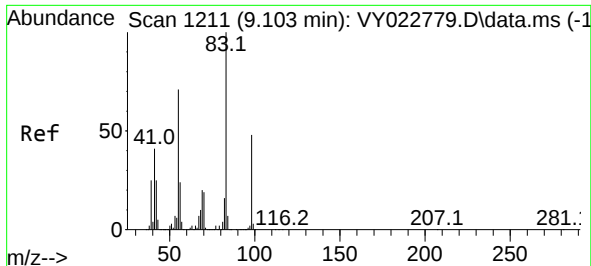
Tgt Ion: 43 Resp: 129158
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 10.8 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 46.337 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 117 Resp: 309824
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.6
121 30.2 25.0 37.4





#39

Methylcyclohexane

Concen: 45.394 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

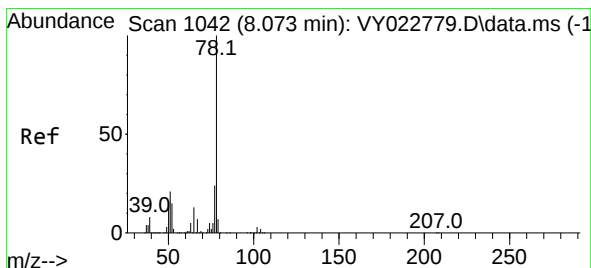
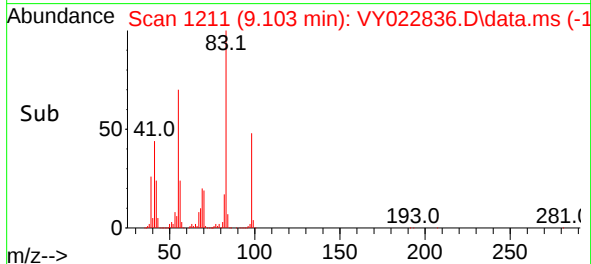
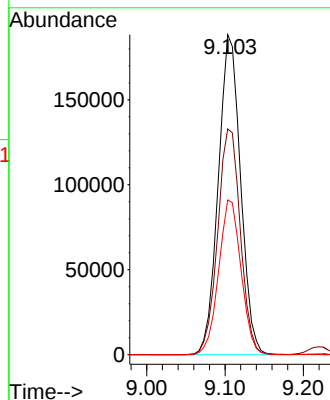
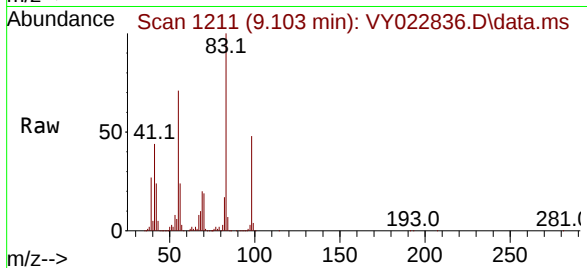
Tgt Ion: 83 Resp: 372262

Ion Ratio Lower Upper

83 100

55 70.5 58.1 87.1

98 48.4 39.0 58.6



#40

Benzene

Concen: 48.541 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022836.D

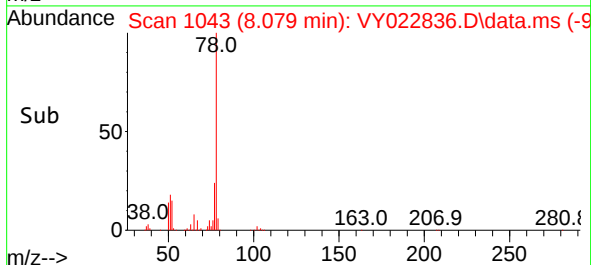
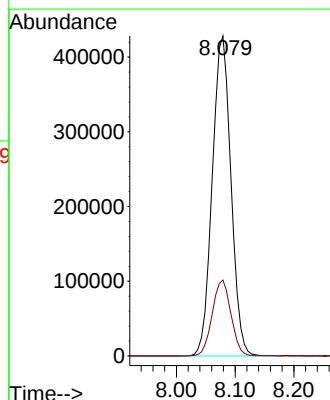
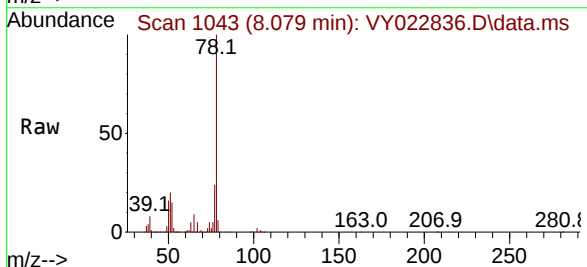
Acq: 25 Jun 2025 19:59

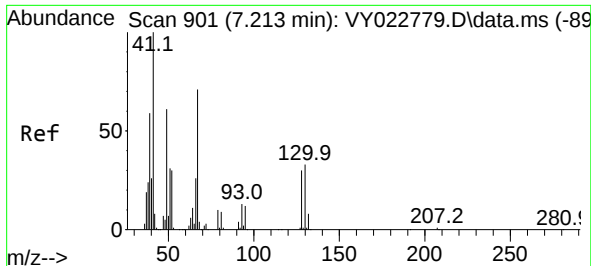
Tgt Ion: 78 Resp: 945746

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



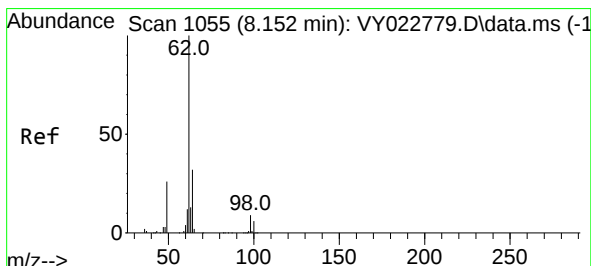
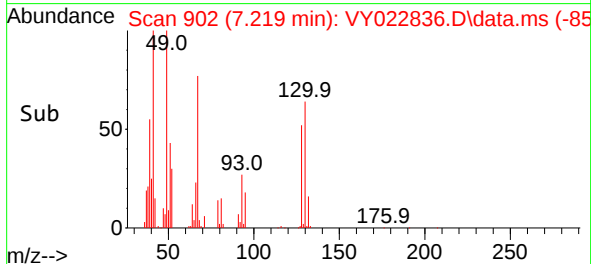
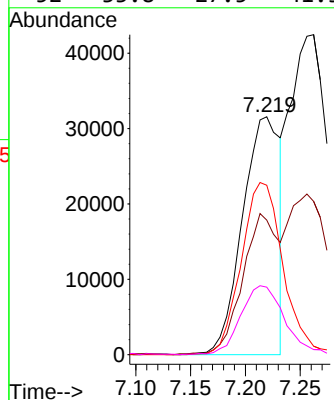
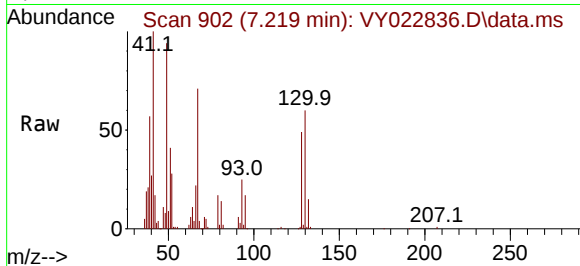


#41
Methacrylonitrile
Concen: 44.573 ug/l
RT: 7.219 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 75036

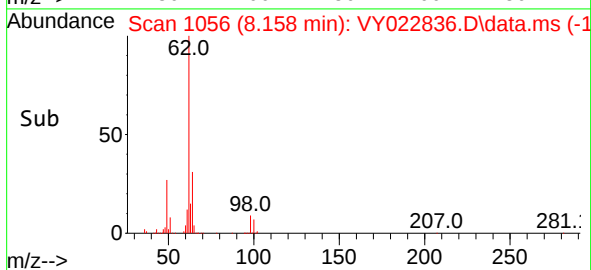
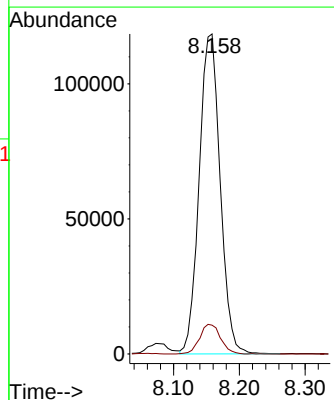
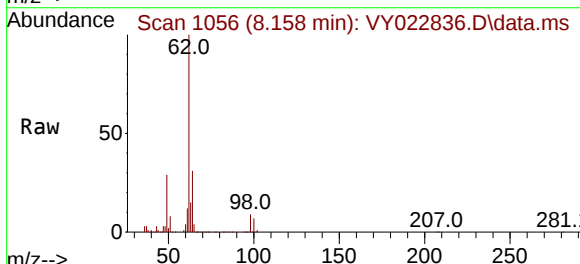
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	81.2	63.3	94.9
52	33.8	27.5	41.3

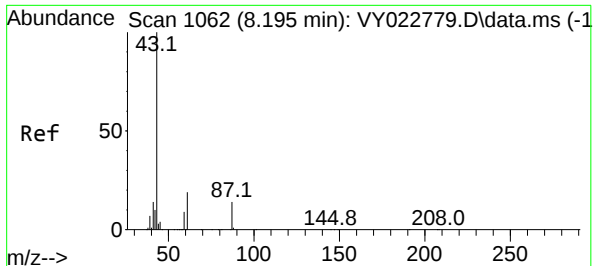


#42
1,2-Dichloroethane
Concen: 49.207 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 62 Resp: 262714

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

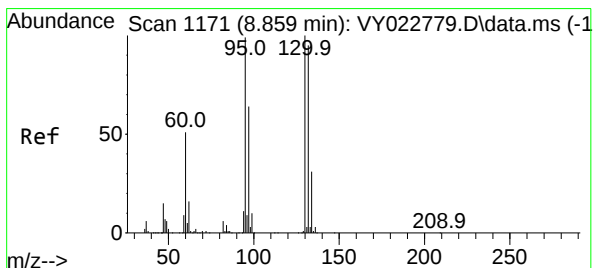
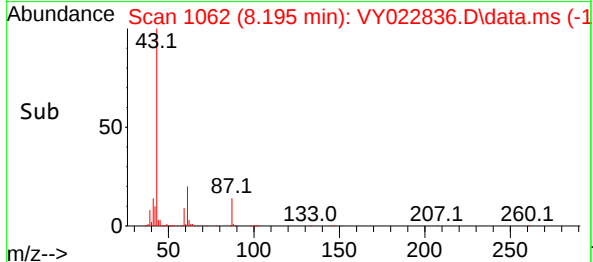
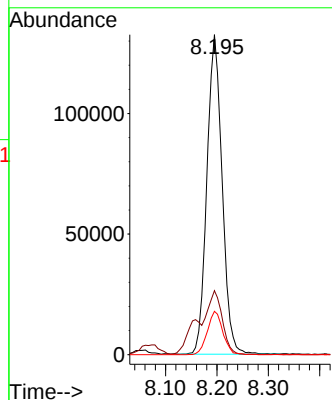
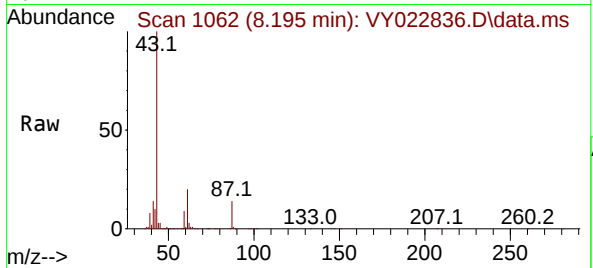




#43
Isopropyl Acetate
Concen: 47.980 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

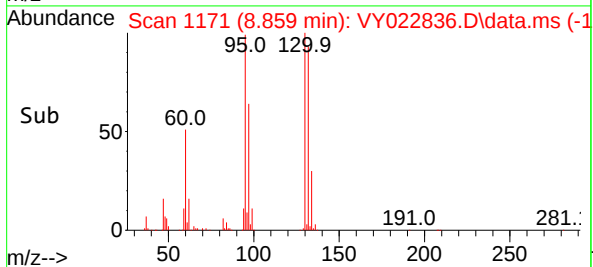
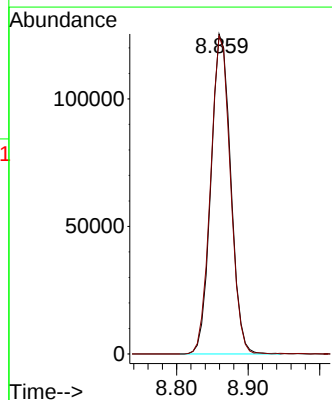
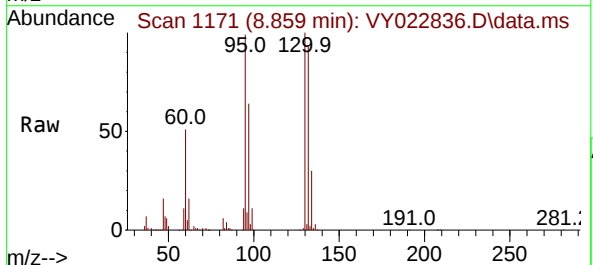
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

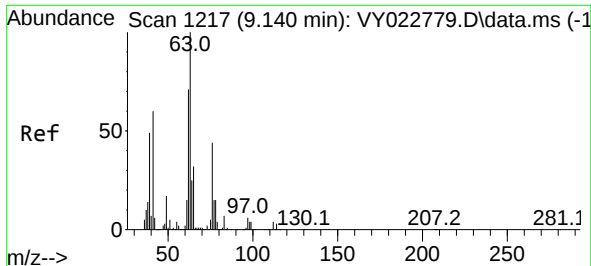
Tgt Ion: 43 Resp: 272686
Ion Ratio Lower Upper
43 100
61 20.0 15.6 23.4
87 13.9 10.2 15.4



#44
Trichloroethene
Concen: 49.264 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion:130 Resp: 240985
Ion Ratio Lower Upper
130 100
95 99.4 0.0 203.0

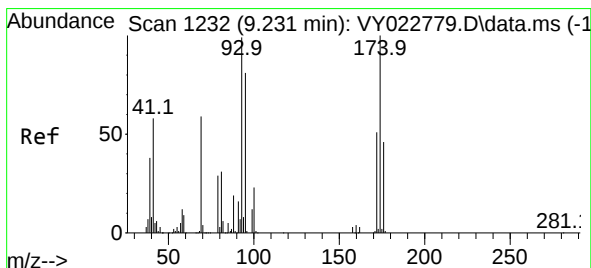
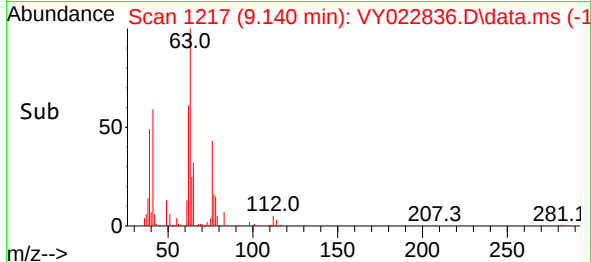
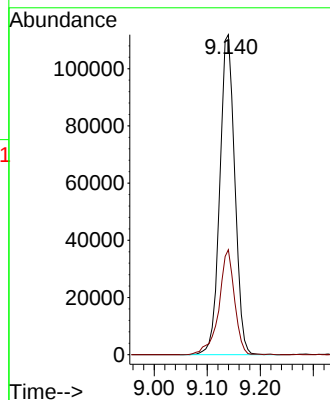
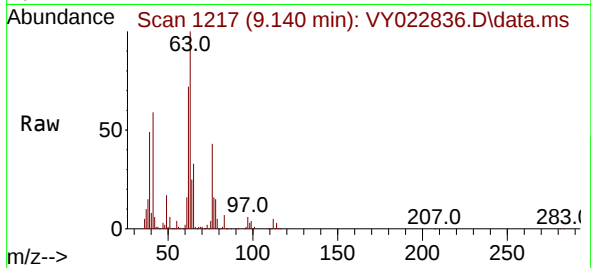




#45
1,2-Dichloropropane
Concen: 48.176 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

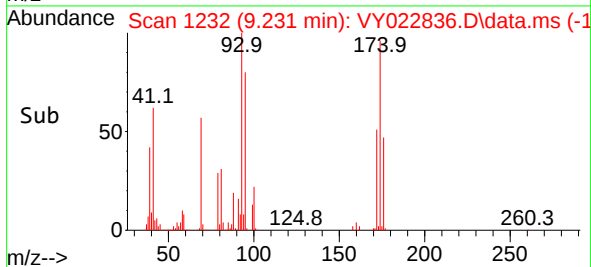
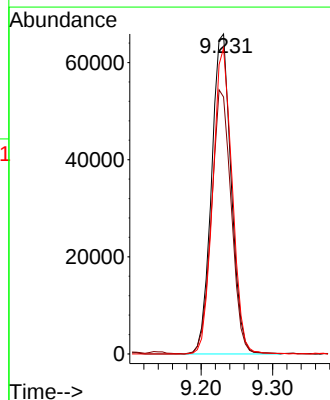
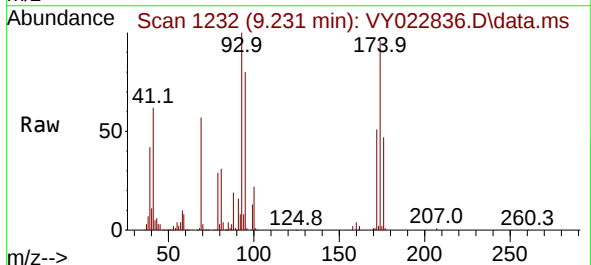
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

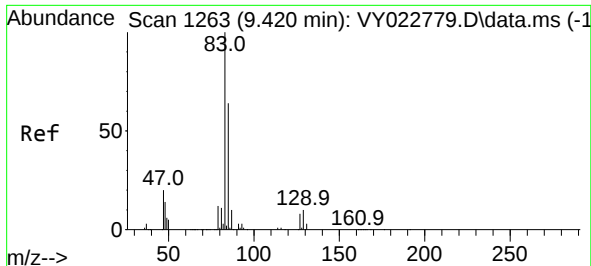
Tgt Ion: 63 Resp: 219678
Ion Ratio Lower Upper
63 100
65 32.8 24.0 36.0



#46
Dibromomethane
Concen: 48.667 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 93 Resp: 125978
Ion Ratio Lower Upper
93 100
95 83.1 65.6 98.4
174 93.9 70.4 105.6





#47

Bromodichloromethane

Concen: 48.950 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

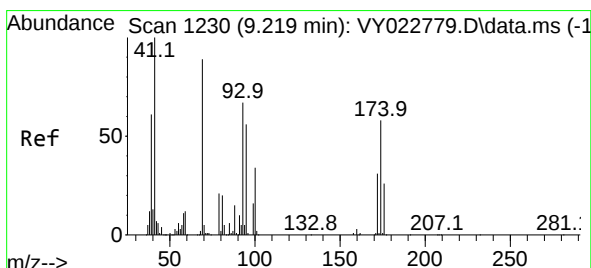
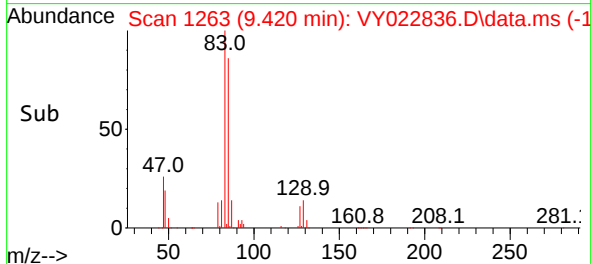
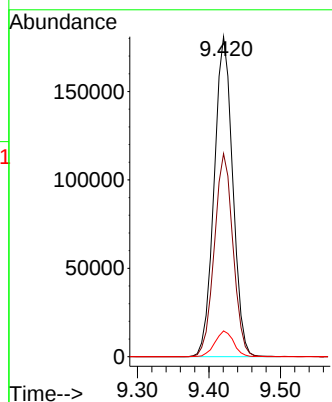
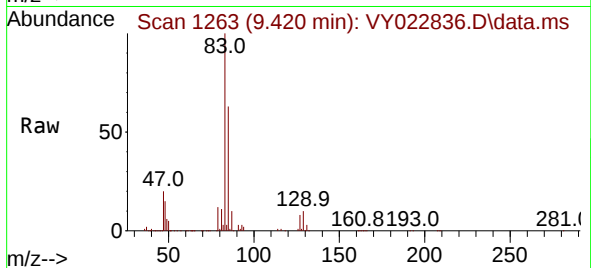
Tgt Ion: 83 Resp: 326746

Ion Ratio Lower Upper

83 100

85 63.5 49.1 73.7

127 8.1 6.2 9.4



#48

Methyl methacrylate

Concen: 48.634 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

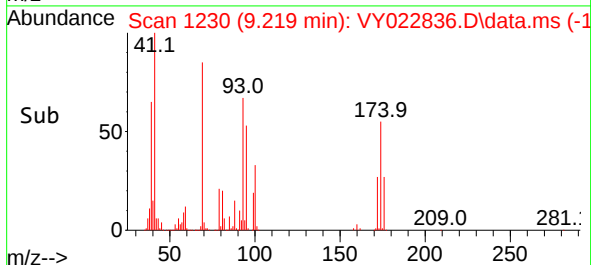
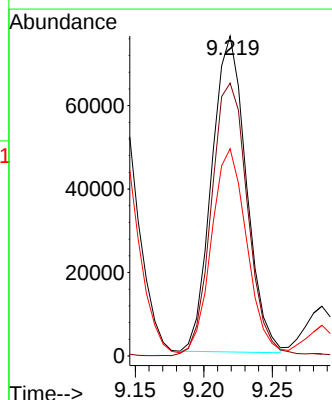
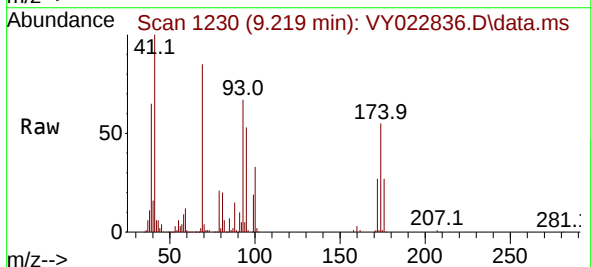
Tgt Ion: 41 Resp: 132878

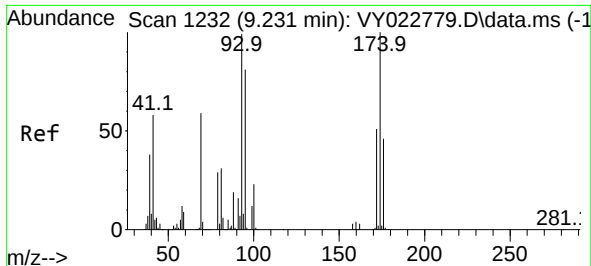
Ion Ratio Lower Upper

41 100

69 90.9 67.8 101.8

39 65.4 55.0 82.4





#49

1,4-Dioxane

Concen: 970.450 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.018 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

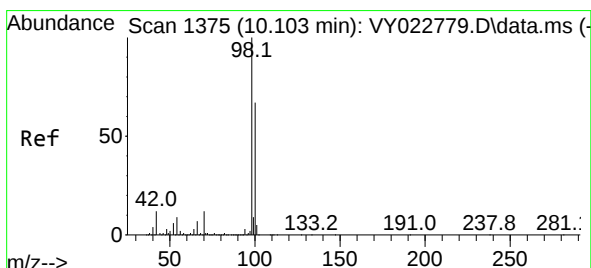
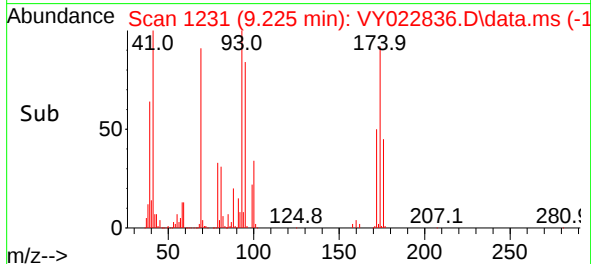
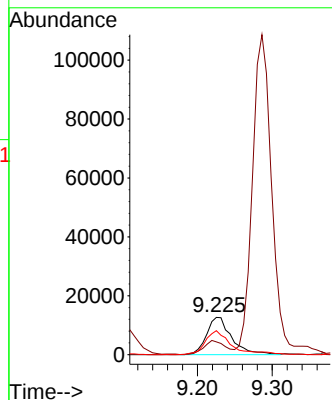
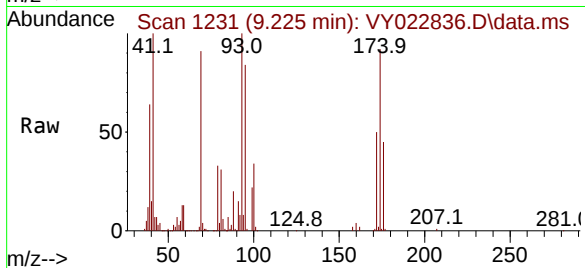
Tgt Ion: 88 Resp: 29679

Ion Ratio Lower Upper

88 100

43 32.1 25.4 38.2

58 67.6 54.9 82.3



#50

Toluene-d8

Concen: 49.983 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022836.D

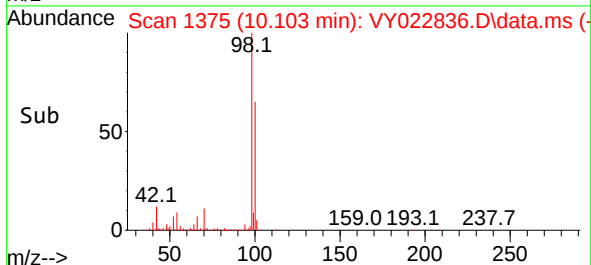
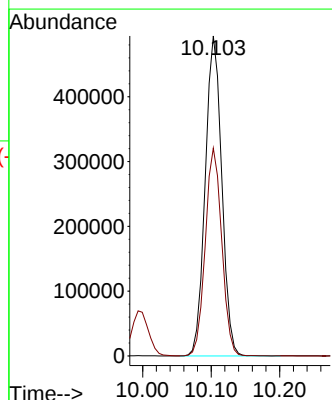
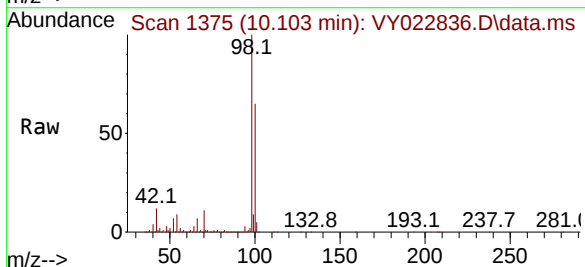
Acq: 25 Jun 2025 19:59

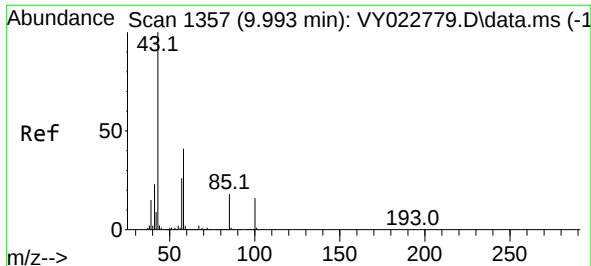
Tgt Ion: 98 Resp: 829213

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

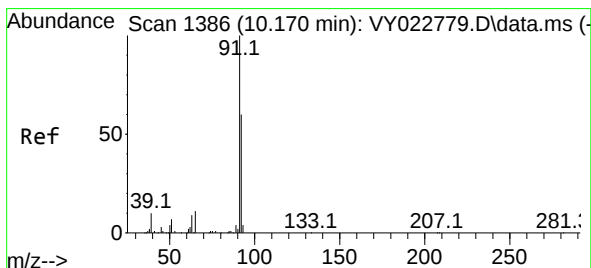
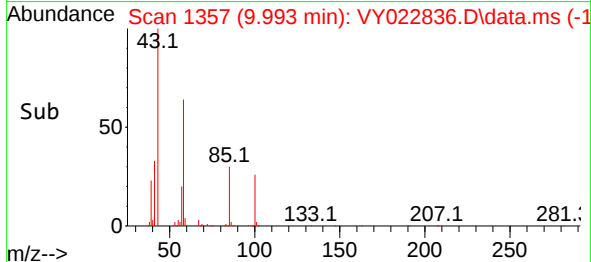
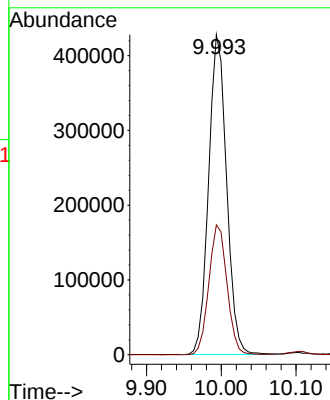
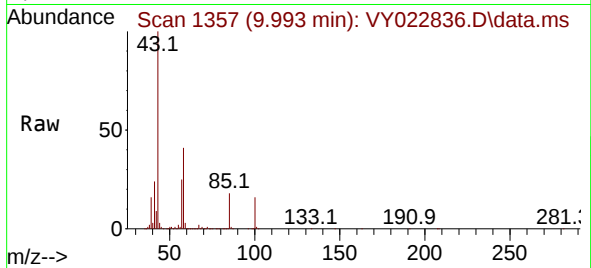




#51
4-Methyl-2-Pentanone
Concen: 247.764 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

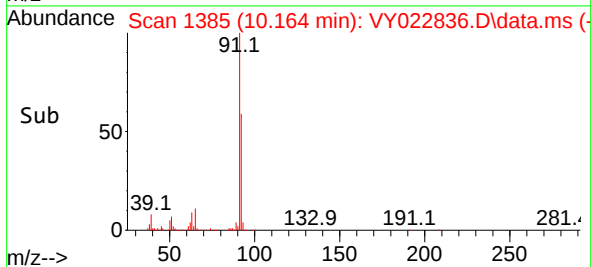
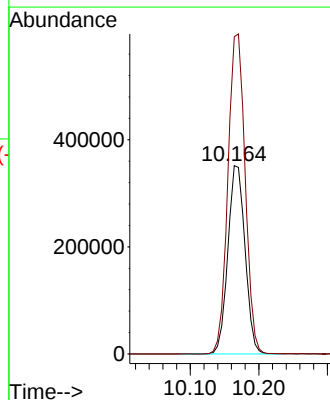
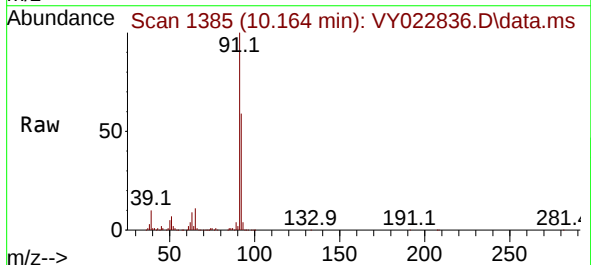
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

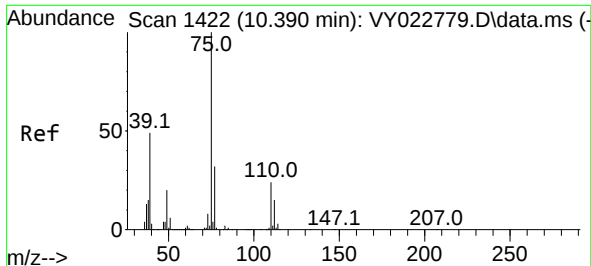
Tgt Ion: 43 Resp: 715574
Ion Ratio Lower Upper
43 100
58 41.0 30.4 45.6



#52
Toluene
Concen: 49.592 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 92 Resp: 609571
Ion Ratio Lower Upper
92 100
91 171.0 139.0 208.4

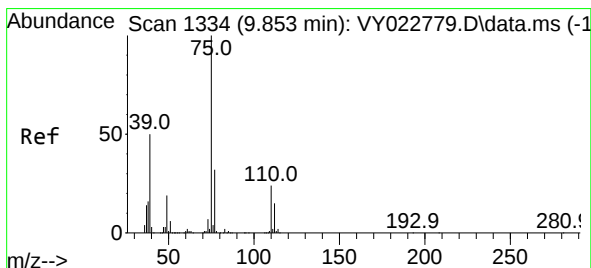
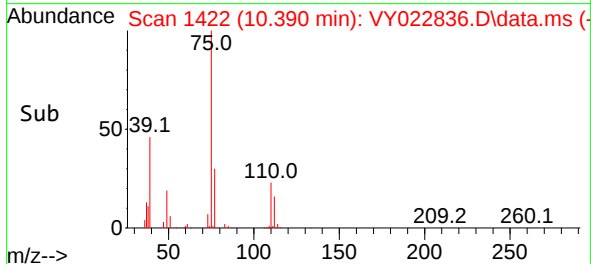
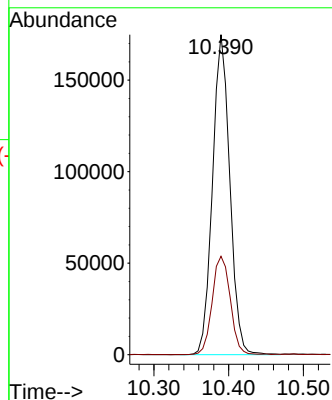
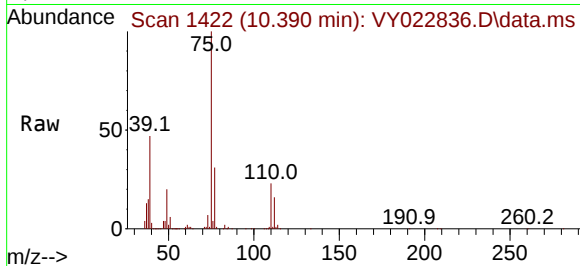




#53
t-1,3-Dichloropropene
Concen: 46.782 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

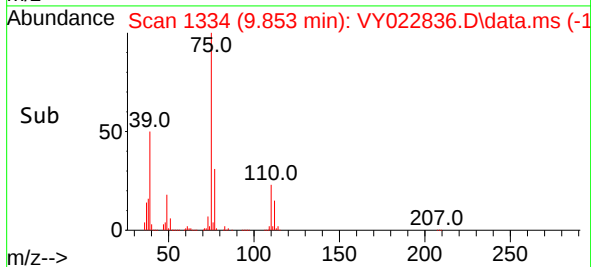
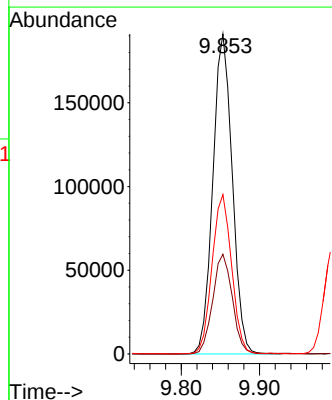
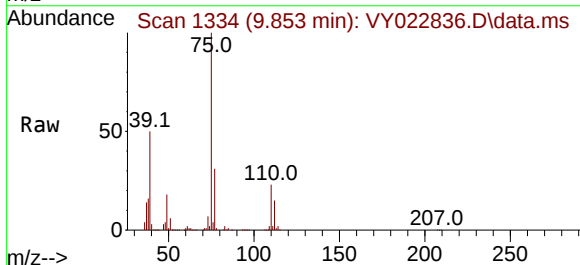
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

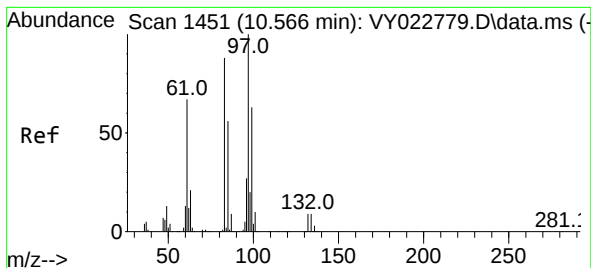
Tgt Ion: 75 Resp: 280963
Ion Ratio Lower Upper
75 100
77 30.7 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 47.232 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 75 Resp: 328906
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 49.7 42.7 64.1

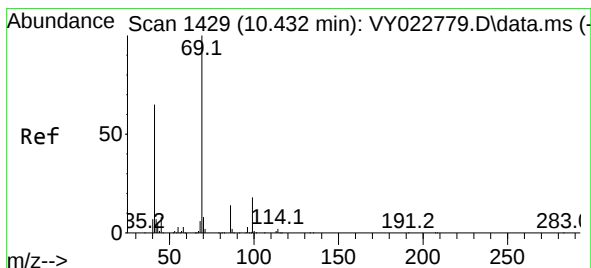
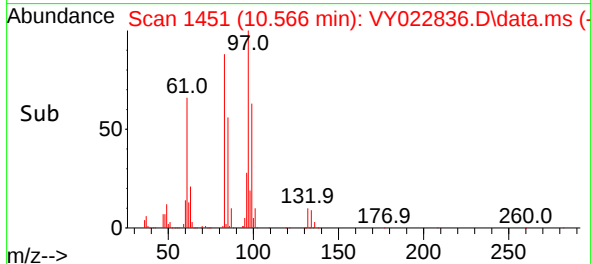
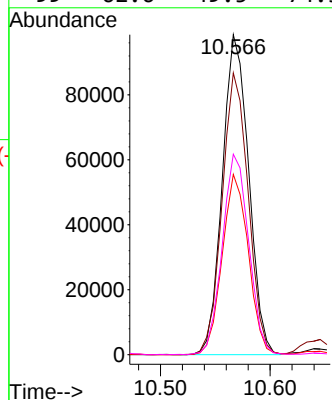
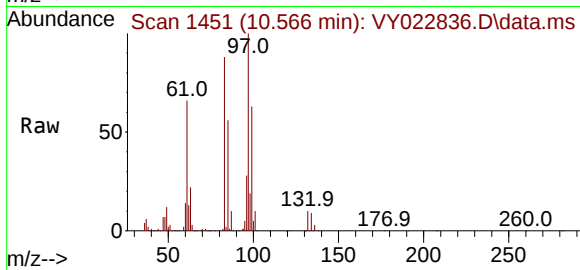




#55
1,1,2-Trichloroethane
Concen: 49.101 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

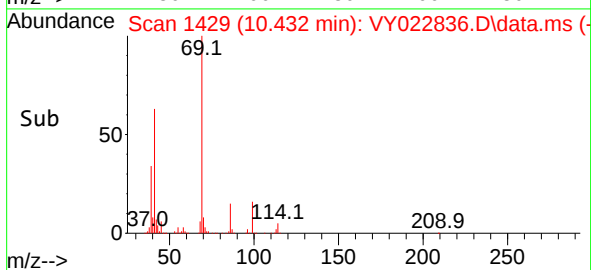
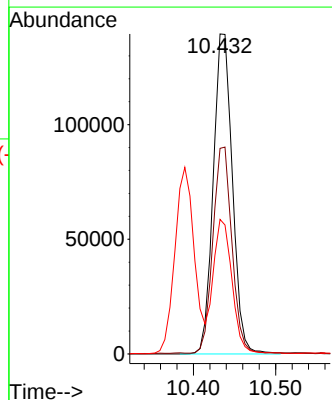
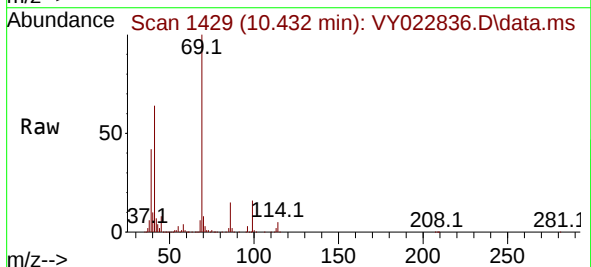
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

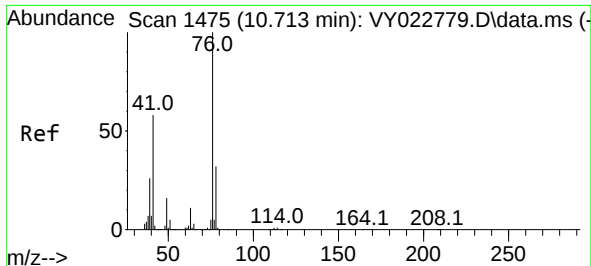
Tgt Ion: 97	Resp: 164581
Ion Ratio	Lower Upper
97 100	
83 88.0	68.1 102.1
85 56.4	48.2 72.2
99 62.6	49.5 74.3



#56
Ethyl methacrylate
Concen: 49.973 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 69	Resp: 225359
Ion Ratio	Lower Upper
69 100	
41 64.2	52.2 78.2
39 41.1	36.7 55.1





#57

1,3-Dichloropropane

Concen: 48.270 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

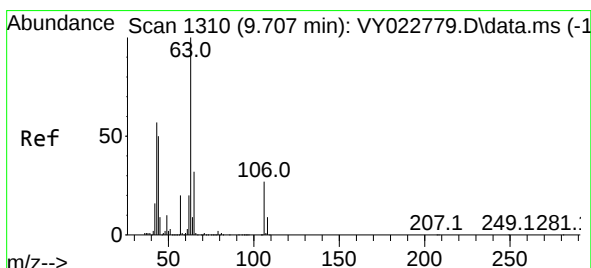
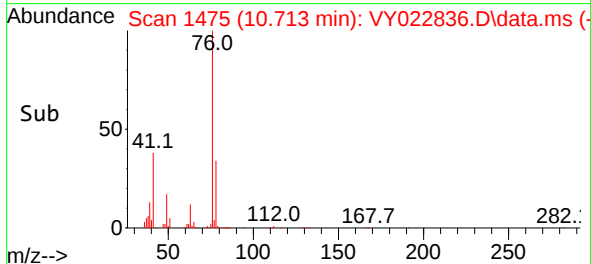
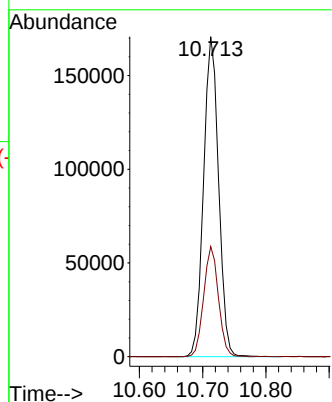
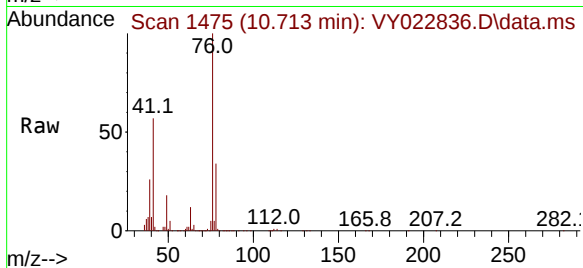
VSTDCCC050EC

Tgt Ion: 76 Resp: 282282

Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 232.033 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022836.D

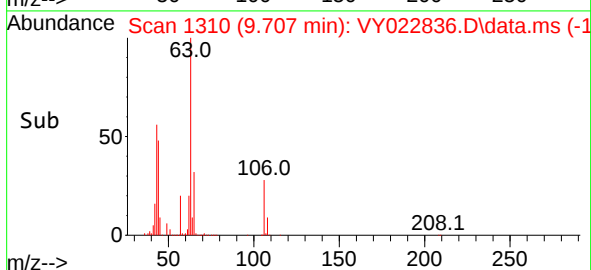
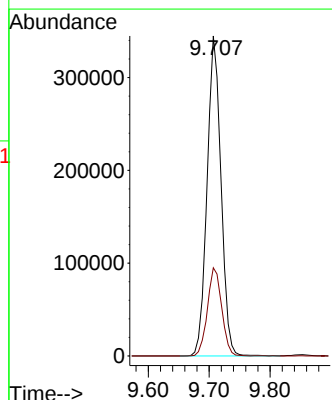
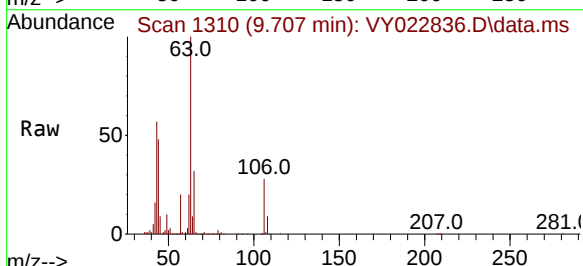
Acq: 25 Jun 2025 19:59

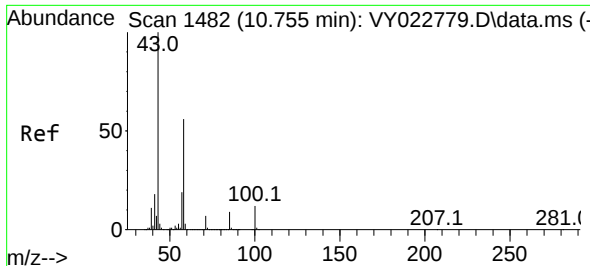
Tgt Ion: 63 Resp: 547116

Ion Ratio Lower Upper

63 100

106 28.3 21.6 32.4

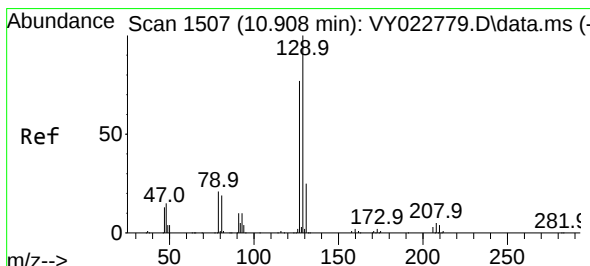
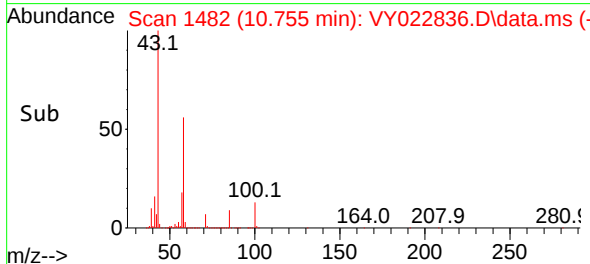
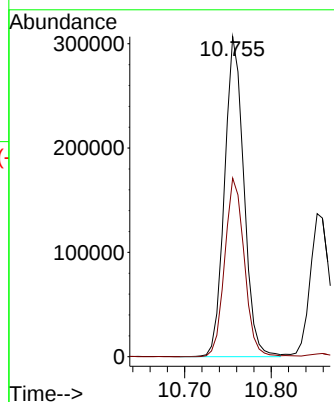
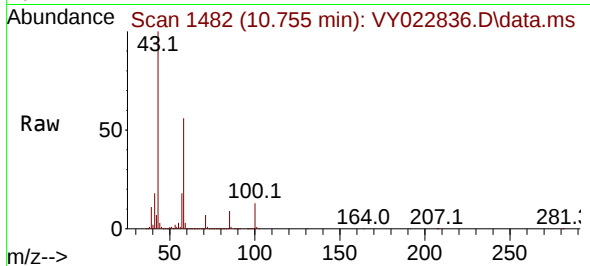




#59
2-Hexanone
Concen: 241.911 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

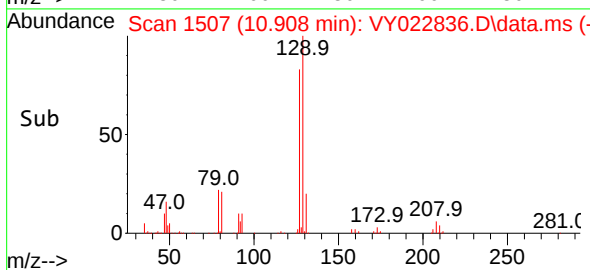
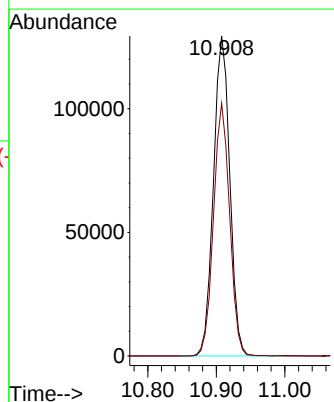
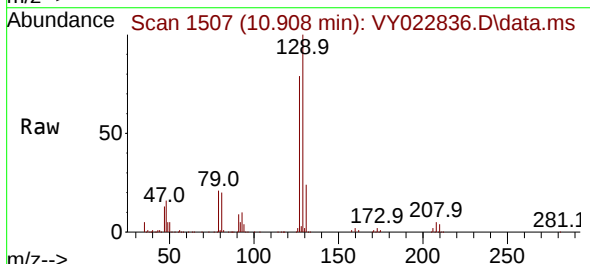
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

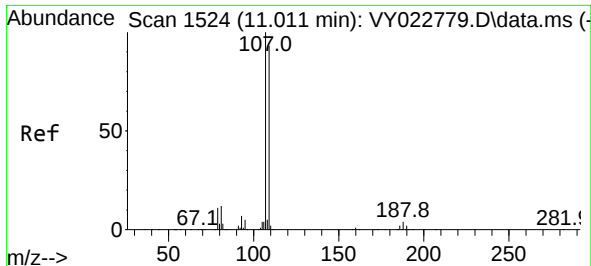
Tgt Ion: 43 Resp: 475008
Ion Ratio Lower Upper
43 100
58 56.7 27.3 81.8



#60
Dibromochloromethane
Concen: 49.364 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 129 Resp: 213725
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2

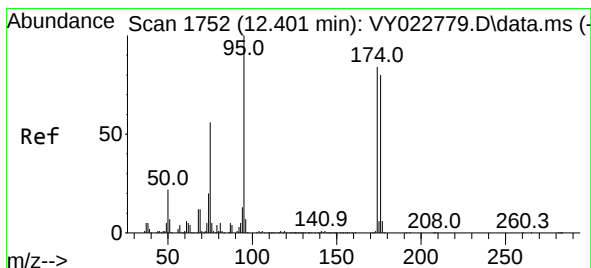
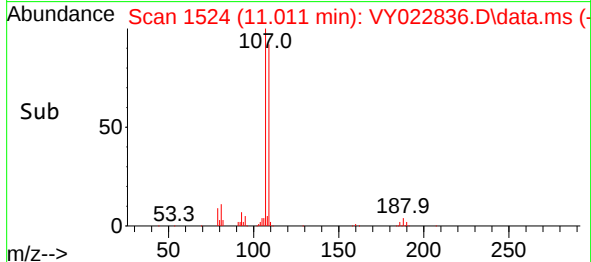
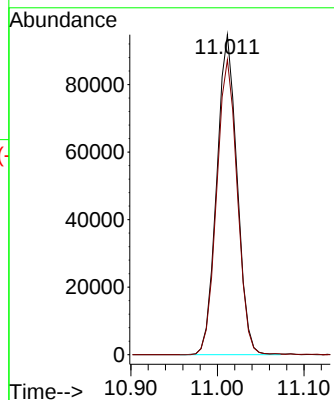
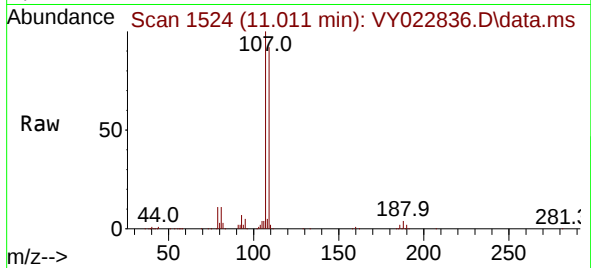




#61
1,2-Dibromoethane
Concen: 49.233 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

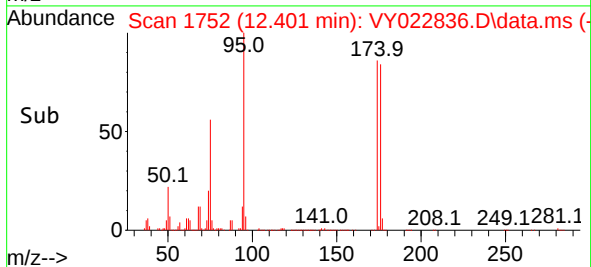
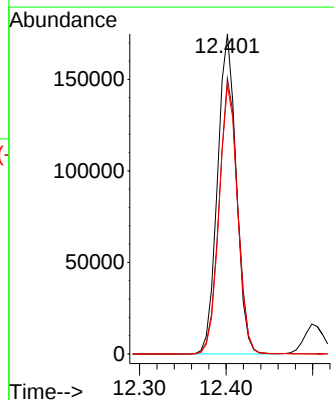
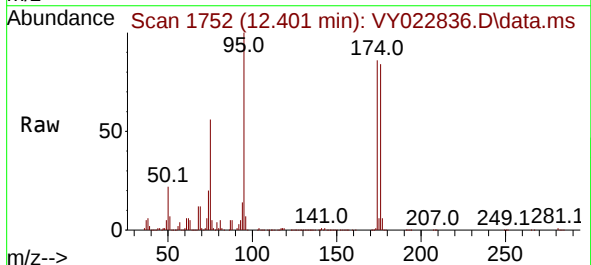
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

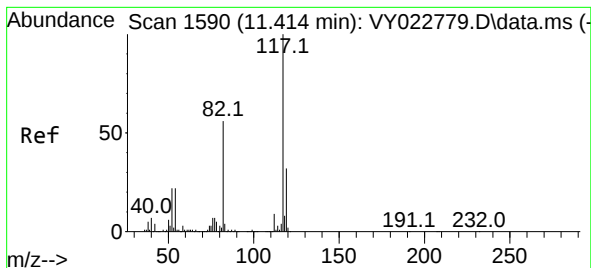
Tgt Ion:107 Resp: 154425
Ion Ratio Lower Upper
107 100
109 93.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.240 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 95 Resp: 262600
Ion Ratio Lower Upper
95 100
174 85.2 0.0 170.0
176 82.8 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

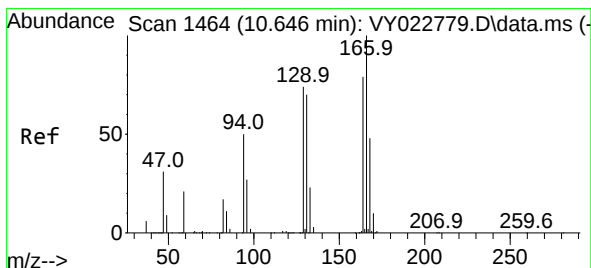
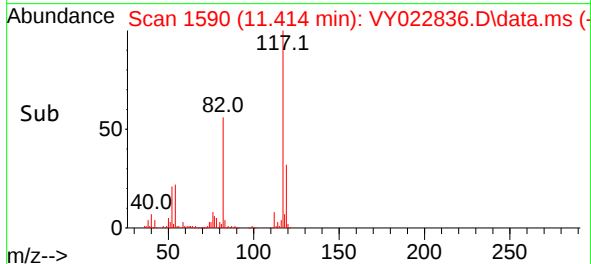
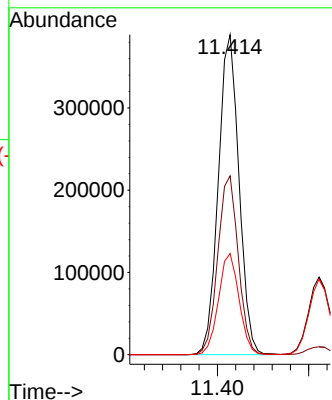
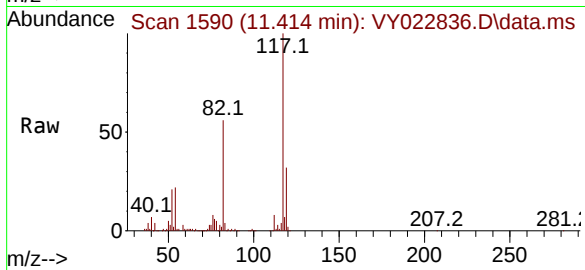
Tgt Ion:117 Resp: 611099

Ion Ratio Lower Upper

117 100

82 55.9 44.6 66.8

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 50.922 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Tgt Ion:164 Resp: 293977

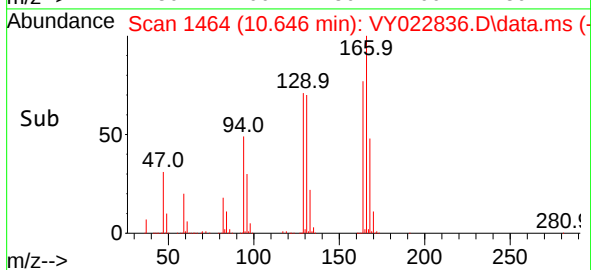
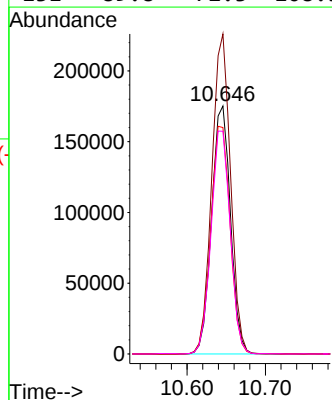
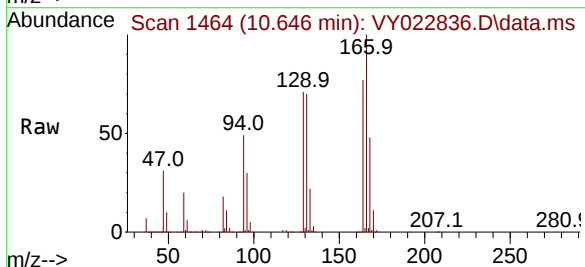
Ion Ratio Lower Upper

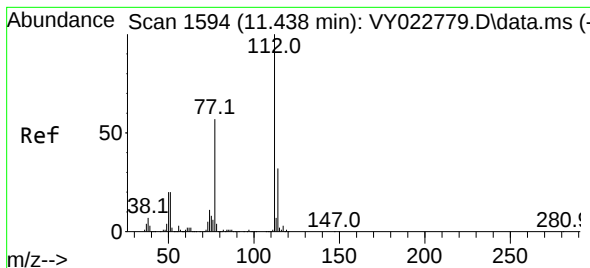
164 100

166 129.0 104.0 156.0

129 91.3 74.5 111.7

131 89.8 72.3 108.5

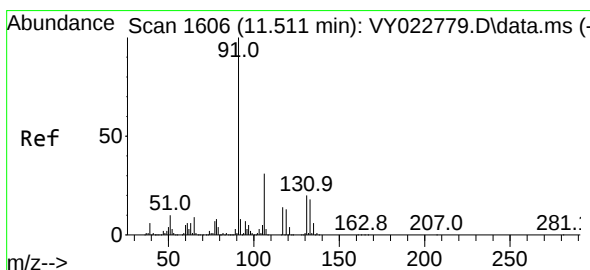
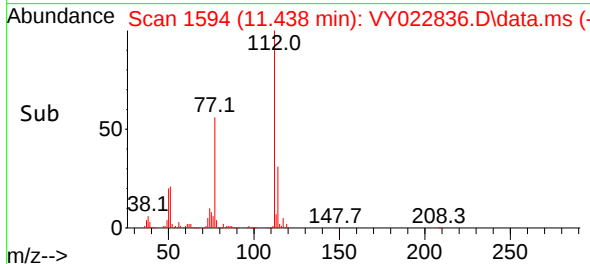
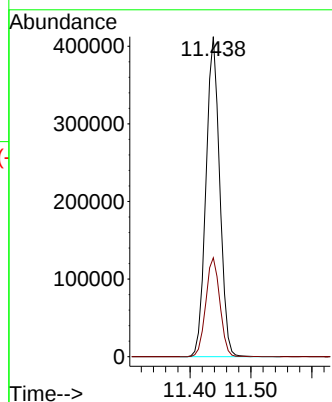
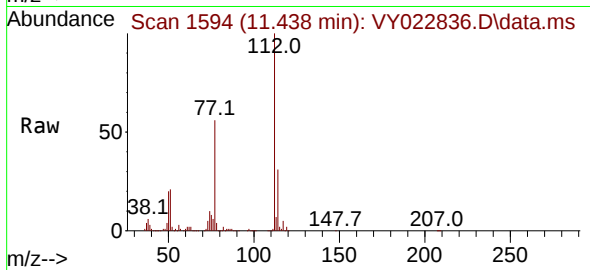




#65
Chlorobenzene
Concen: 48.000 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

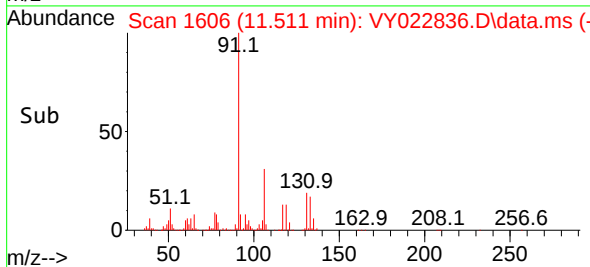
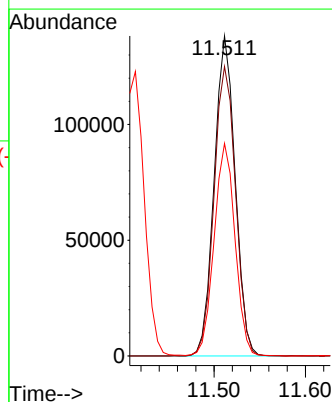
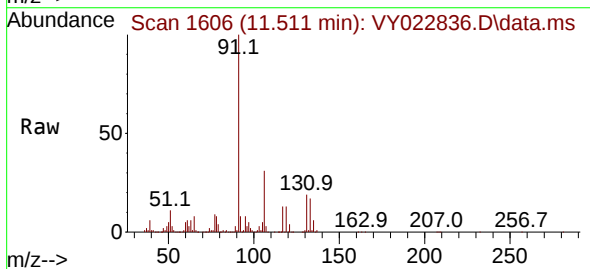
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

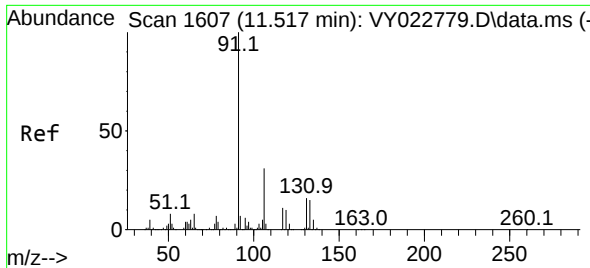
Tgt Ion:112 Resp: 644532
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.484 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion:131 Resp: 220509
Ion Ratio Lower Upper
131 100
133 93.1 47.3 141.8
119 66.3 33.1 99.3

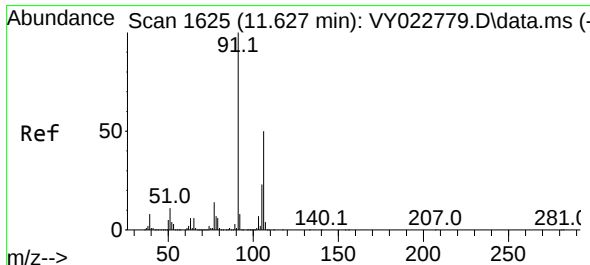
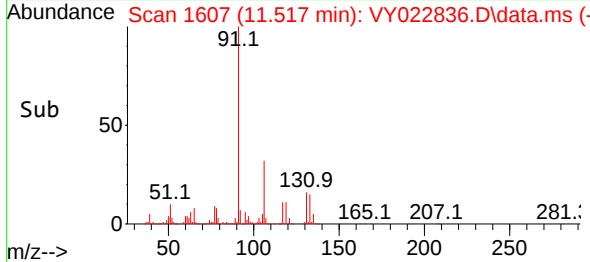
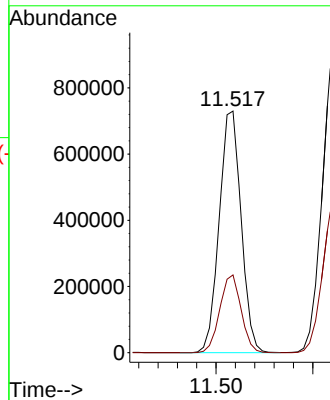
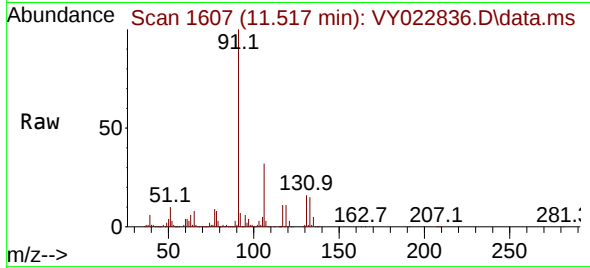




#67
Ethyl Benzene
Concen: 48.597 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

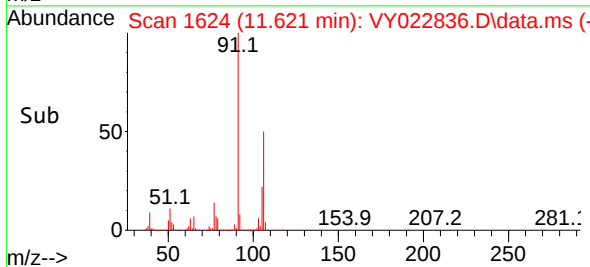
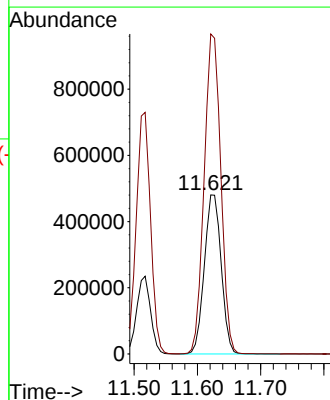
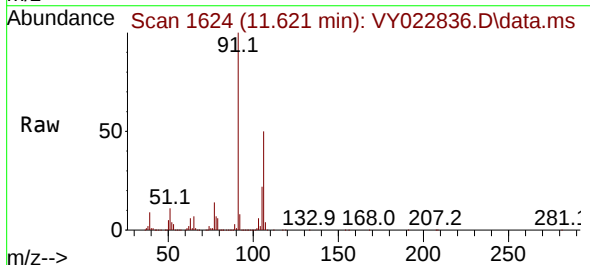
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

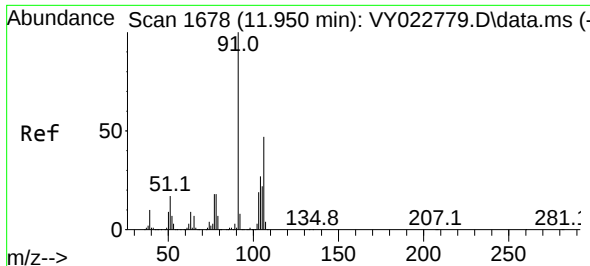
Tgt Ion: 91 Resp: 1146519
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4



#68
m/p-Xylenes
Concen: 97.824 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion:106 Resp: 892156
Ion Ratio Lower Upper
106 100
91 199.1 159.4 239.0

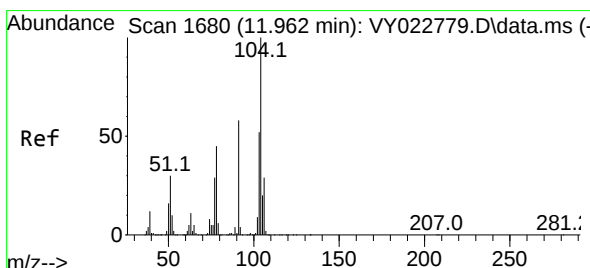
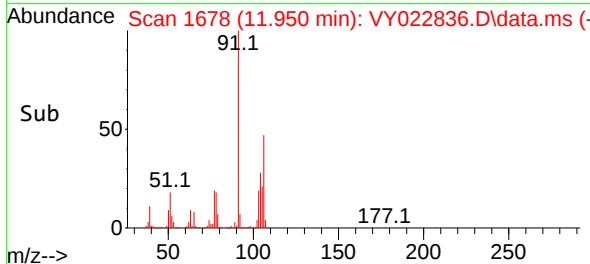
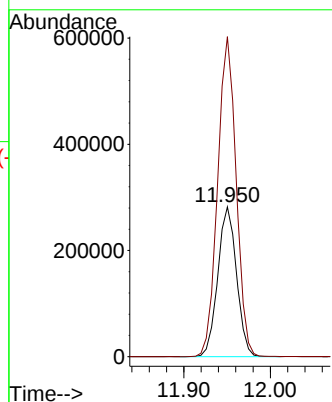
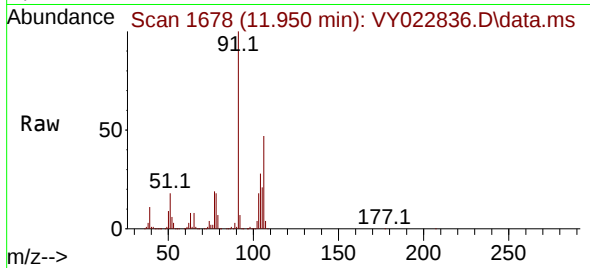




#69
o-Xylene
Concen: 49.341 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

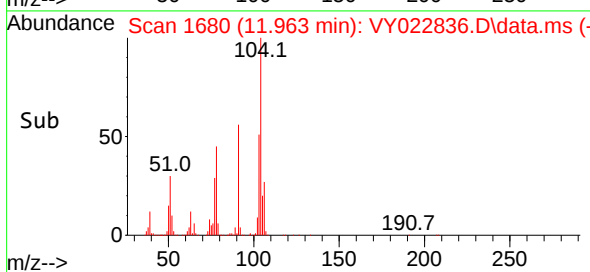
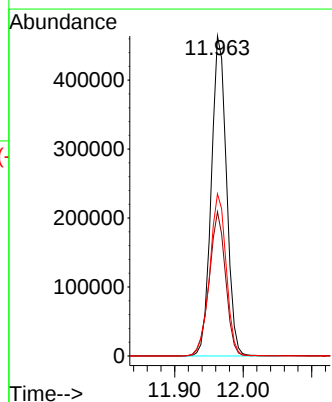
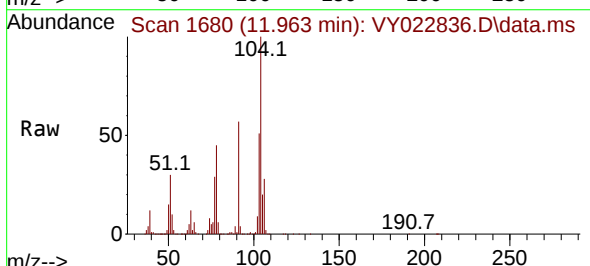
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

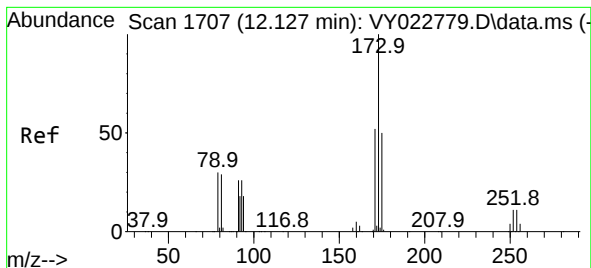
Tgt Ion:106 Resp: 424002
Ion Ratio Lower Upper
106 100
91 211.6 105.8 317.3



#70
Styrene
Concen: 49.829 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion:104 Resp: 717258
Ion Ratio Lower Upper
104 100
78 48.4 39.5 59.3
103 54.8 44.1 66.1





#71

Bromoform

Concen: 48.134 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

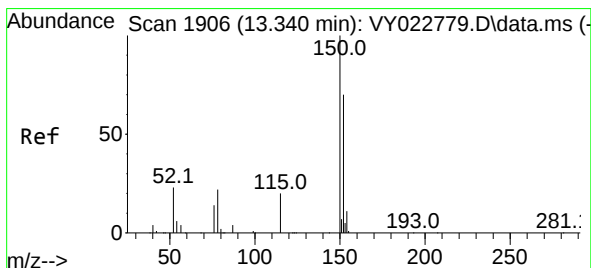
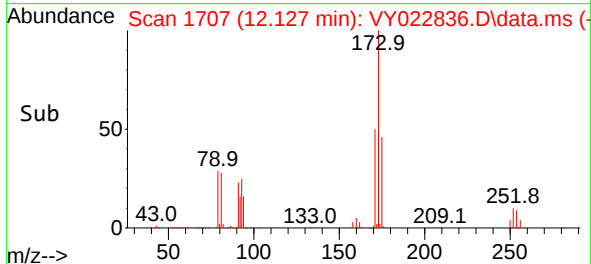
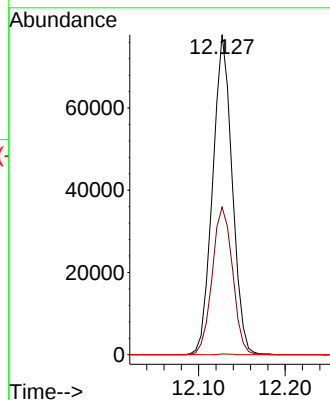
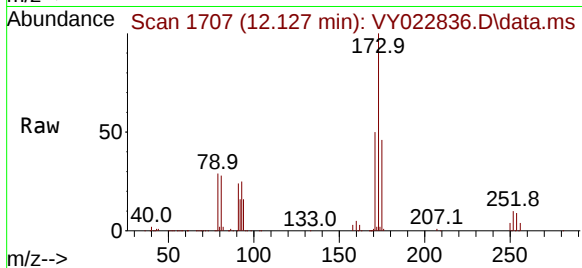
Tgt Ion:173 Resp: 121895

Ion Ratio Lower Upper

173 100

175 48.0 23.8 71.5

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

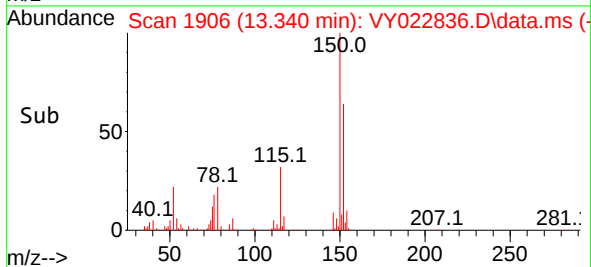
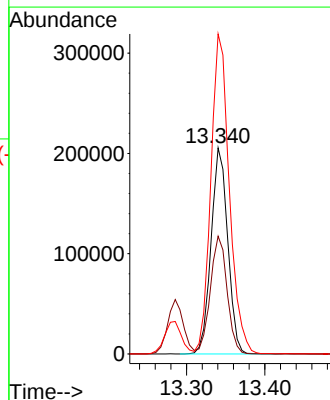
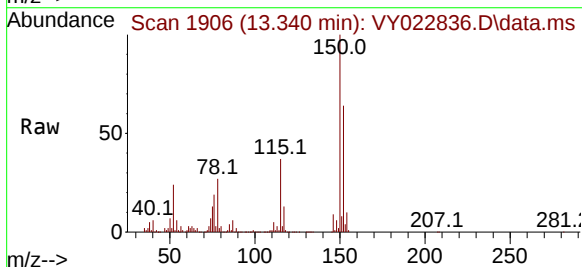
Tgt Ion:152 Resp: 303499

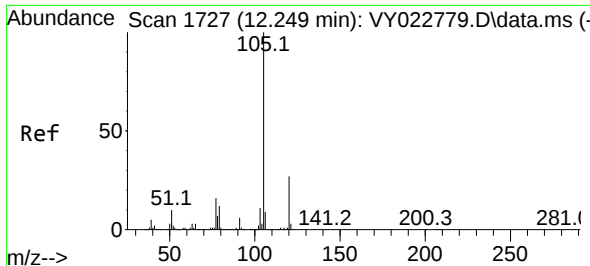
Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 171.9 0.0 349.6

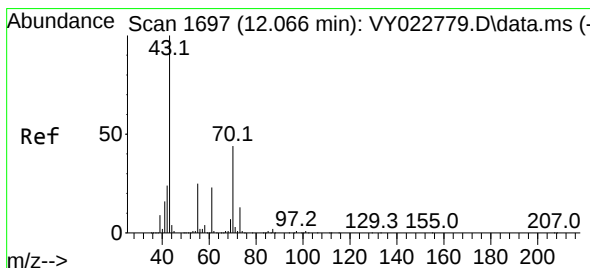
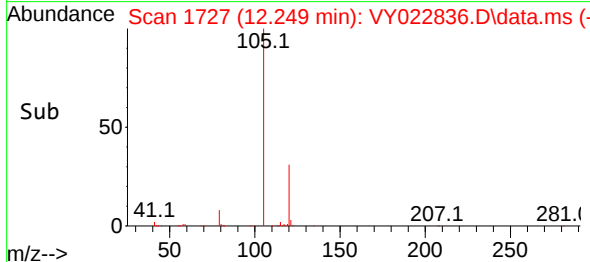
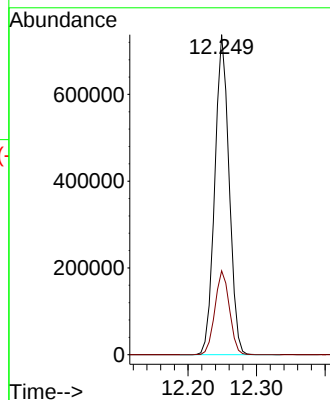
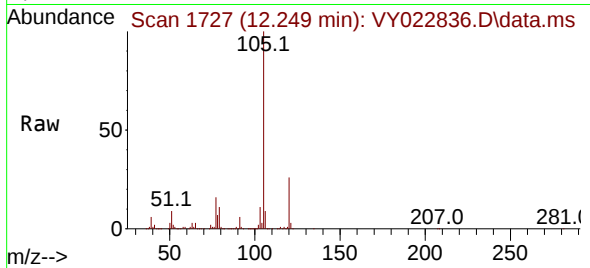




#73
Isopropylbenzene
Concen: 47.720 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

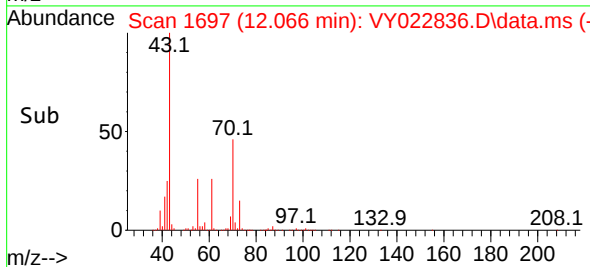
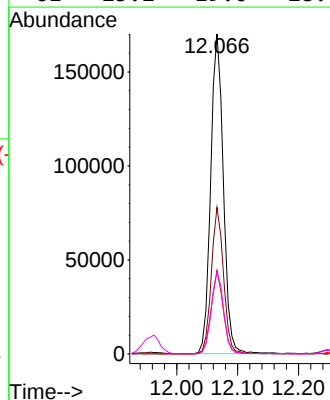
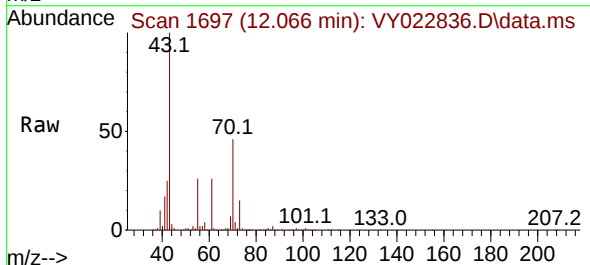
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

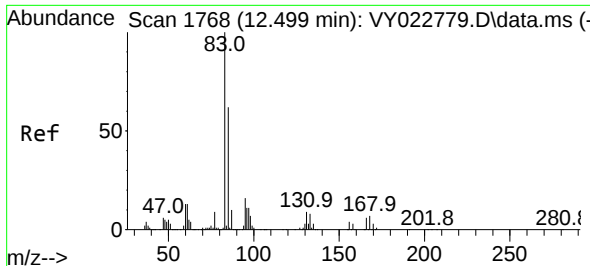
Tgt Ion:105 Resp: 1071114
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 48.745 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 43 Resp: 245588
Ion Ratio Lower Upper
43 100
70 44.4 34.2 51.2
55 24.8 18.2 27.4
61 25.2 19.0 28.6

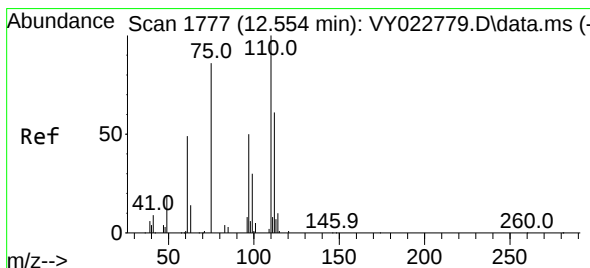
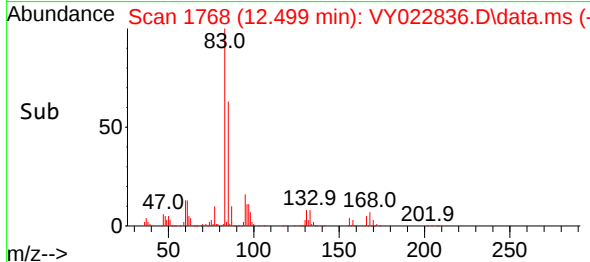
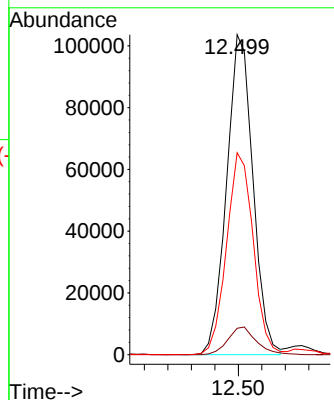
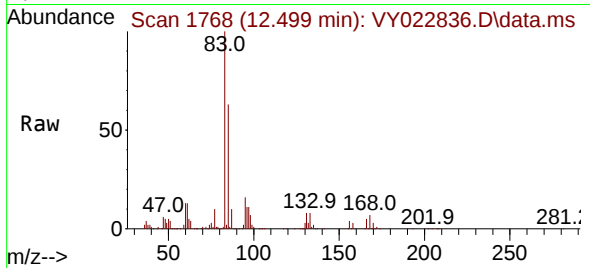




#75
1,1,2,2-Tetrachloroethane
Concen: 44.572 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

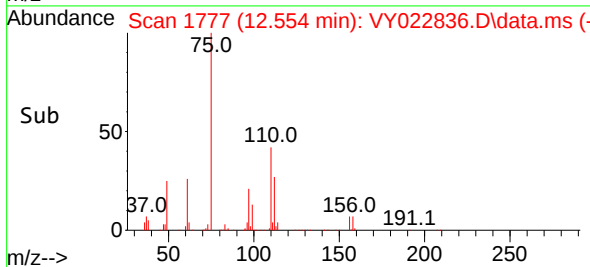
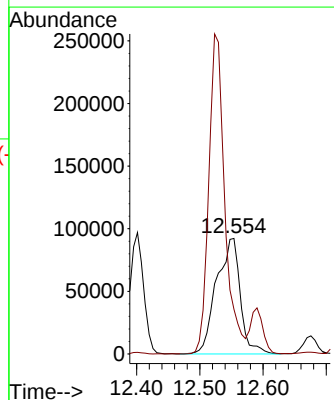
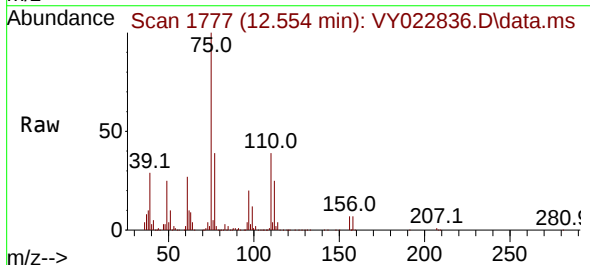
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

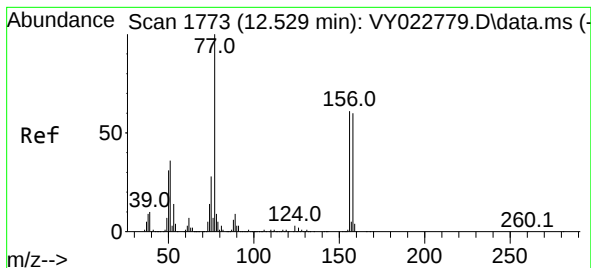
Tgt Ion: 83 Resp: 161239
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 77.552 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 75 Resp: 240292
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.179 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

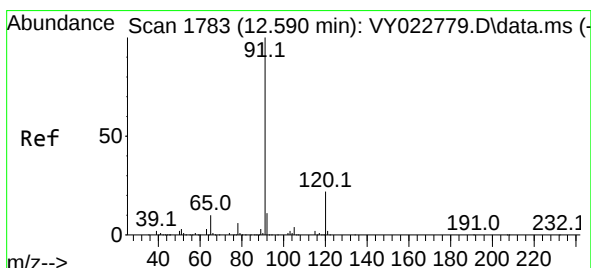
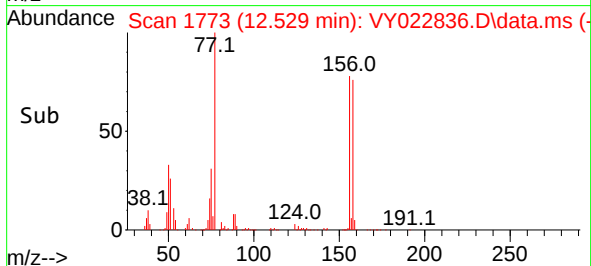
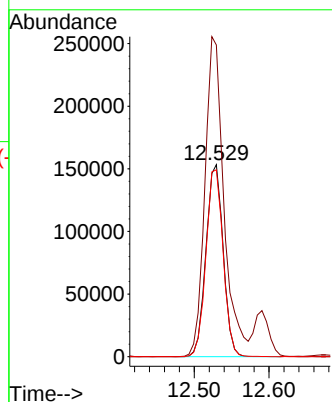
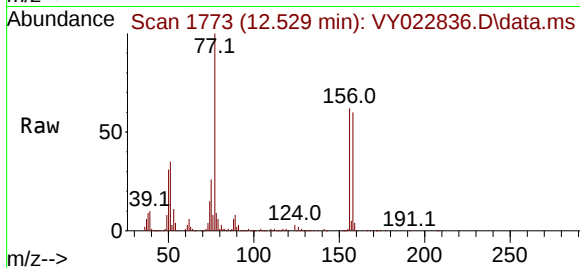
Tgt Ion:156 Resp: 245118

Ion Ratio Lower Upper

156 100

77 184.5 94.0 282.1

158 97.6 48.2 144.6



#78

n-propylbenzene

Concen: 47.405 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022836.D

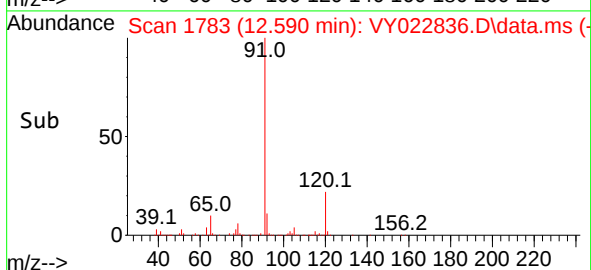
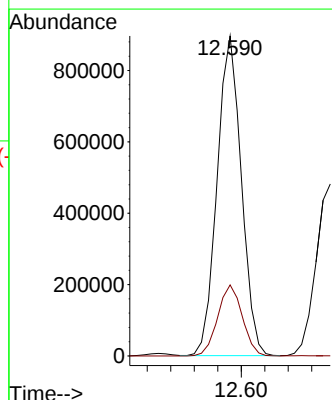
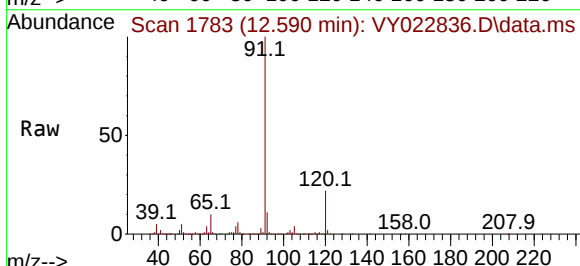
Acq: 25 Jun 2025 19:59

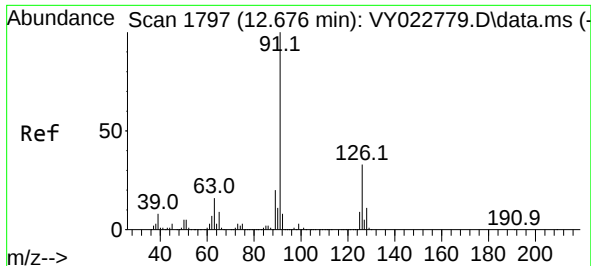
Tgt Ion: 91 Resp: 1284677

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4

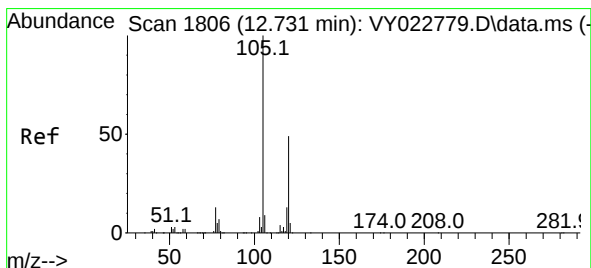
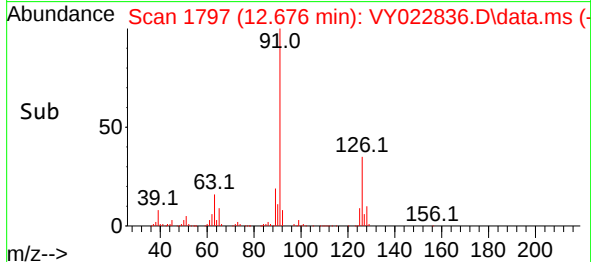
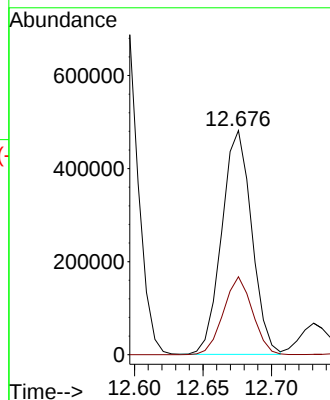
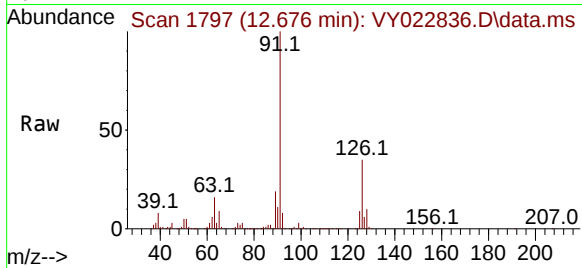




#79
2-Chlorotoluene
Concen: 47.912 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

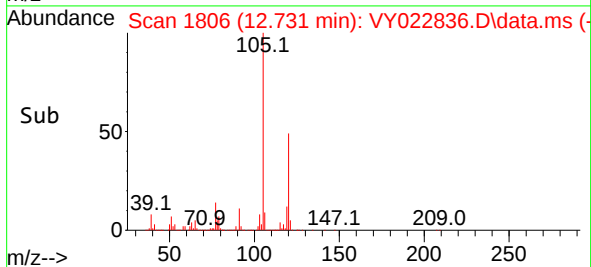
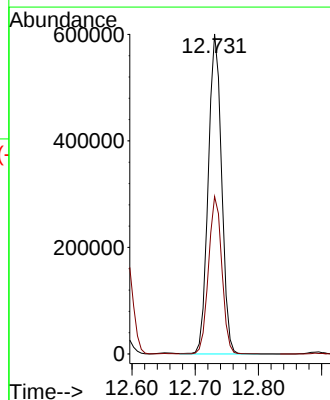
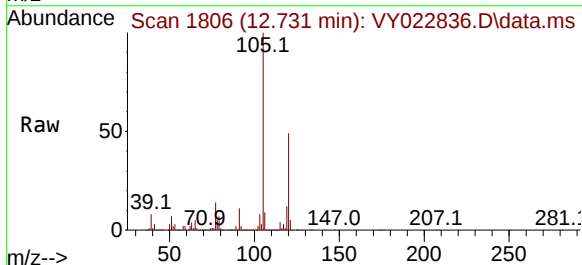
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

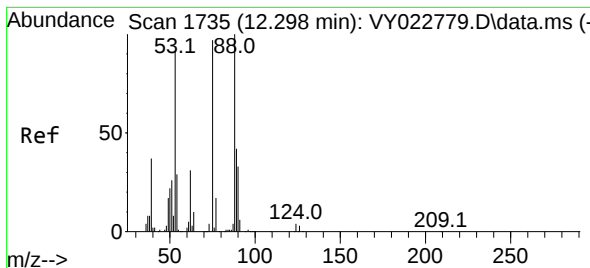
Tgt Ion: 91 Resp: 733588
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 48.659 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 105 Resp: 881685
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.4

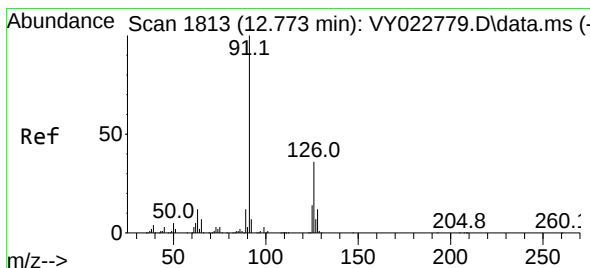
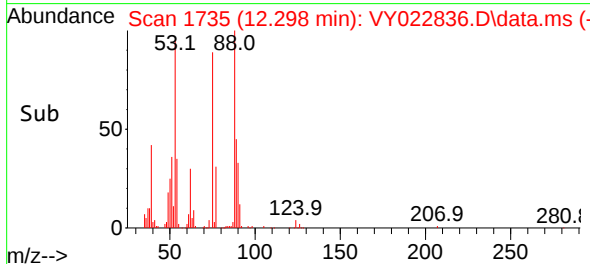
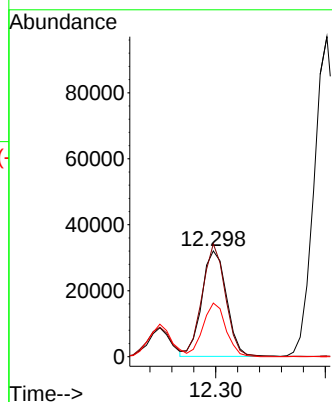
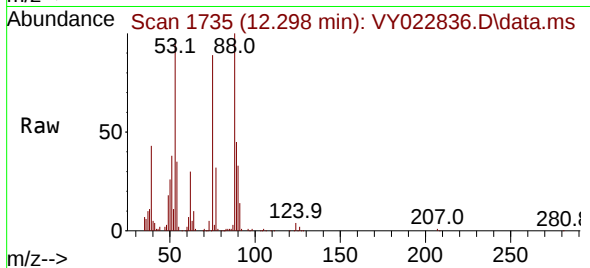




#81
trans-1,4-Dichloro-2-butene
Concen: 41.091 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

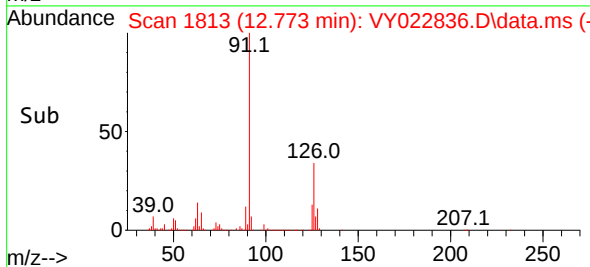
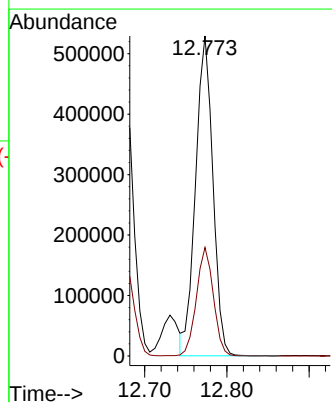
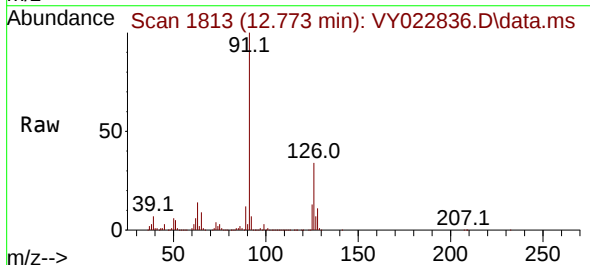
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

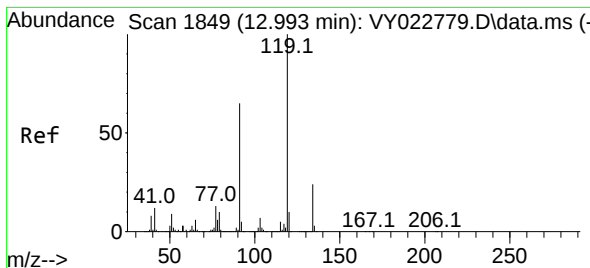
Tgt Ion: 75 Resp: 50396
Ion Ratio Lower Upper
75 100
53 98.9 78.5 117.7
89 46.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 48.066 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022836.D
Acq: 25 Jun 2025 19:59

Tgt Ion: 91 Resp: 773037
Ion Ratio Lower Upper
91 100
126 33.4 17.0 50.9





#83

tert-Butylbenzene

Concen: 48.214 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

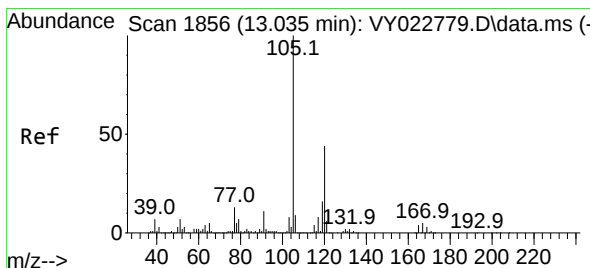
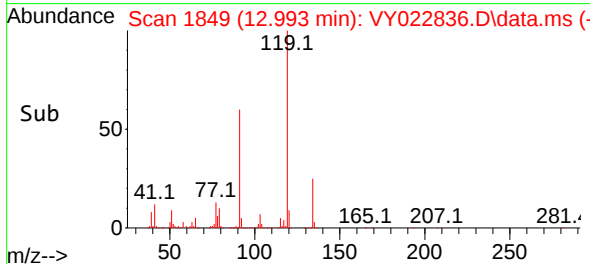
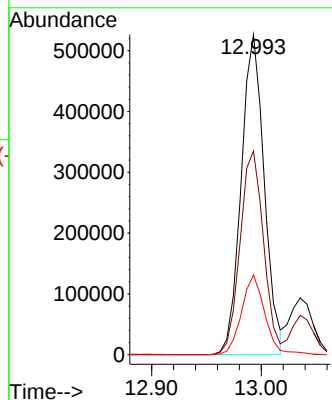
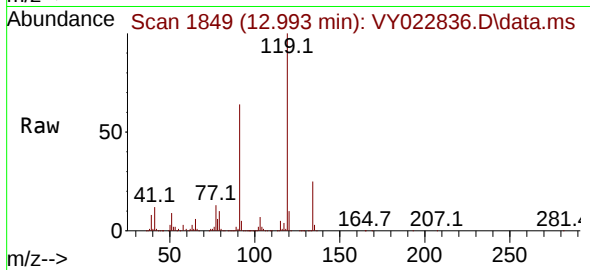
Tgt Ion:119 Resp: 770461

Ion Ratio Lower Upper

119 100

91 64.7 32.1 96.3

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.468 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022836.D

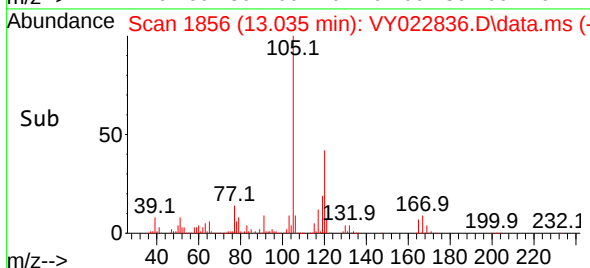
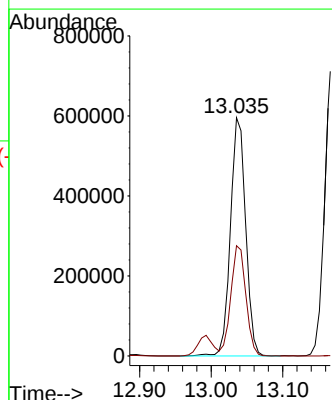
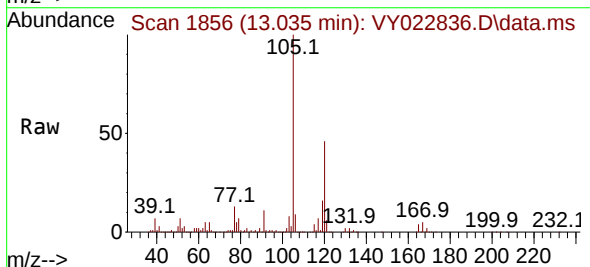
Acq: 25 Jun 2025 19:59

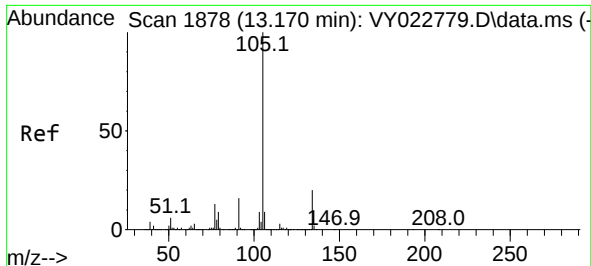
Tgt Ion:105 Resp: 879271

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1

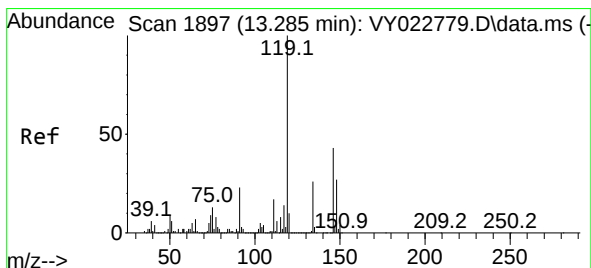
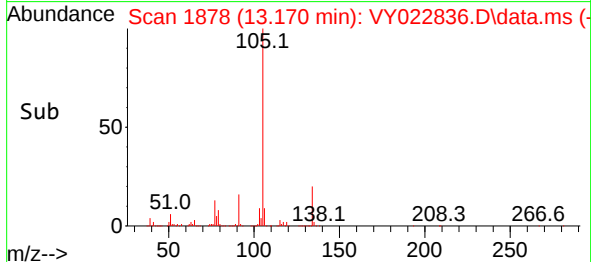
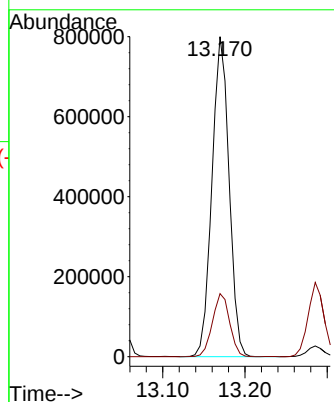
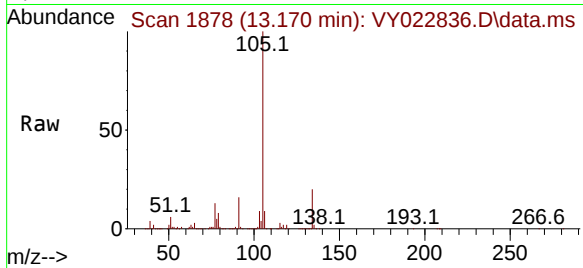




#85
 sec-Butylbenzene
 Concen: 48.075 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

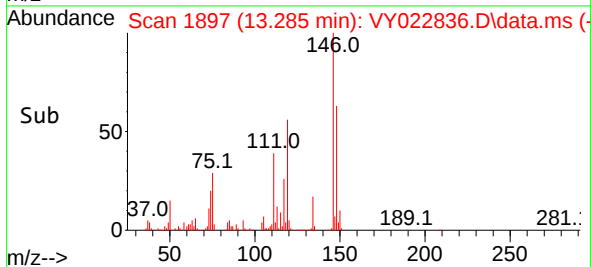
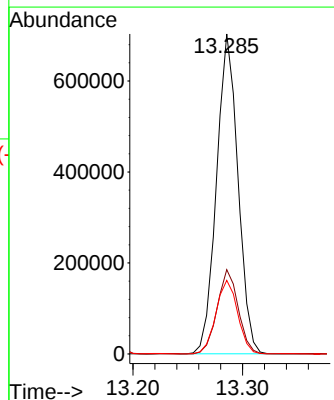
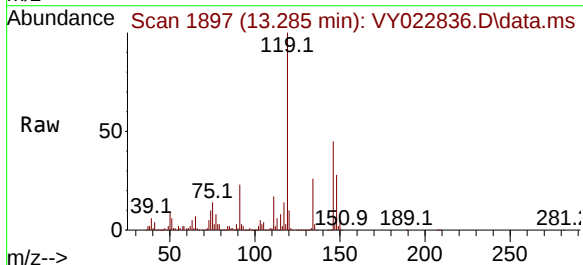
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

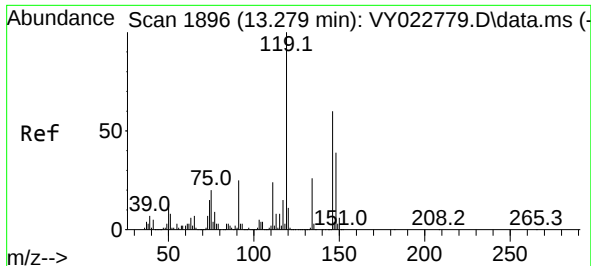
Tgt Ion:105 Resp: 1155875
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 47.746 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

Tgt Ion:119 Resp: 955306
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.3 11.6 34.8

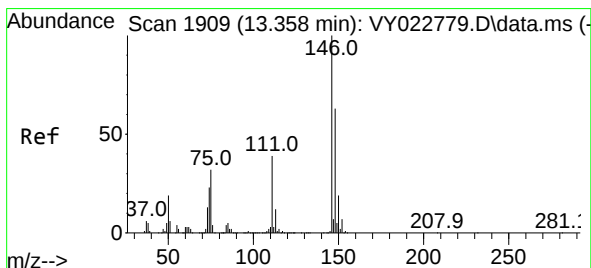
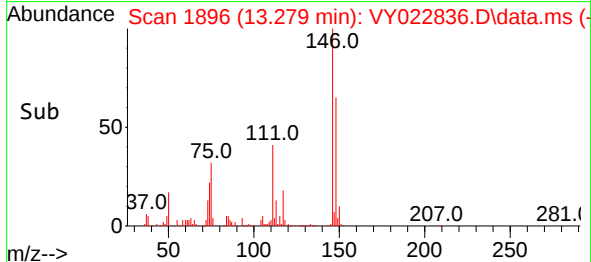
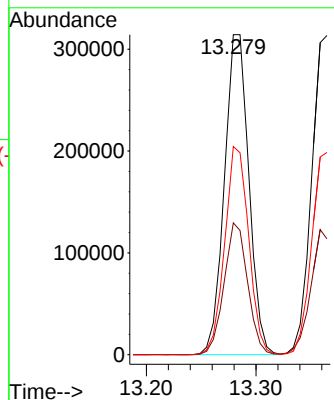
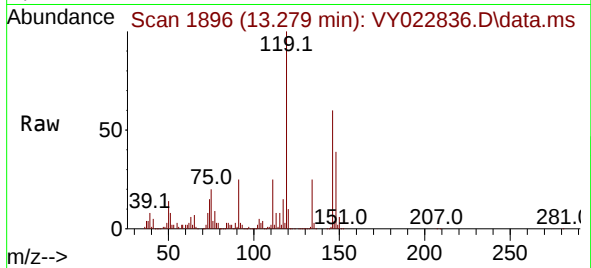




#87
 1,3-Dichlorobenzene
 Concen: 47.703 ug/l
 RT: 13.279 min Scan# 1896
 Delta R.T. -0.012 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

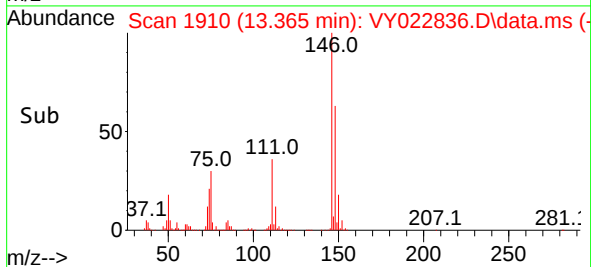
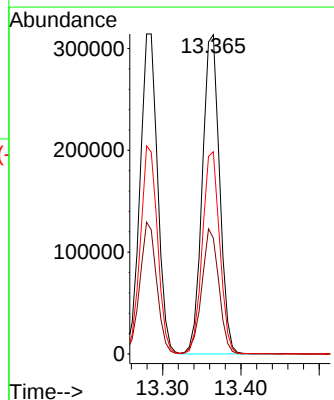
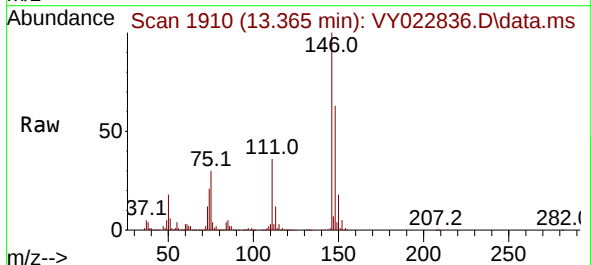
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

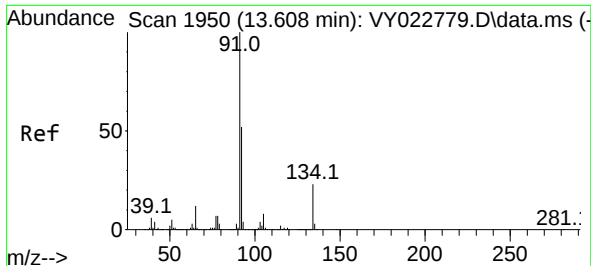
Tgt Ion:146 Resp: 487424
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.161 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022836.D
 Acq: 25 Jun 2025 19:59

Tgt Ion:146 Resp: 478680
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 46.162 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. -0.012 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

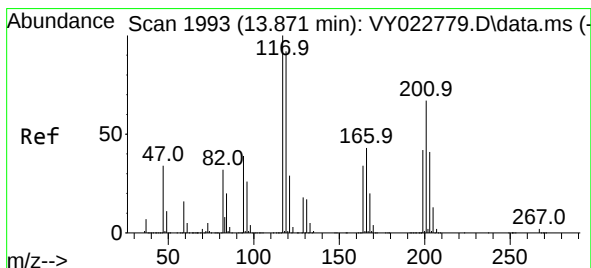
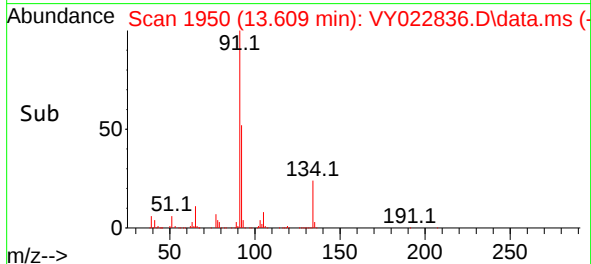
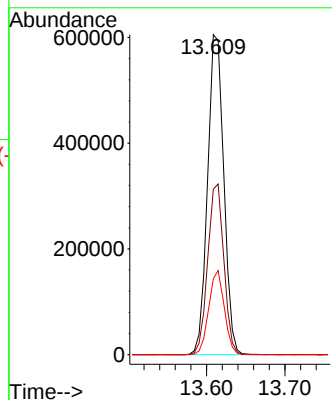
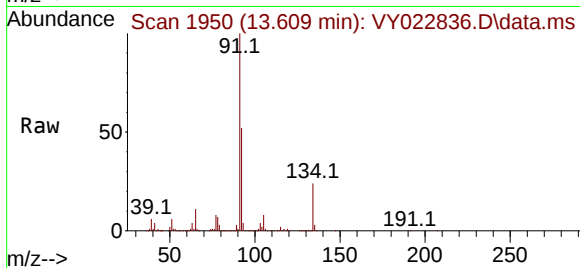
Tgt Ion: 91 Resp: 868793

Ion Ratio Lower Upper

91 100

92 53.2 25.9 77.8

134 25.3 12.0 36.1



#90

Hexachloroethane

Concen: 47.088 ug/l

RT: 13.871 min Scan# 1993

Delta R.T. -0.012 min

Lab File: VY022836.D

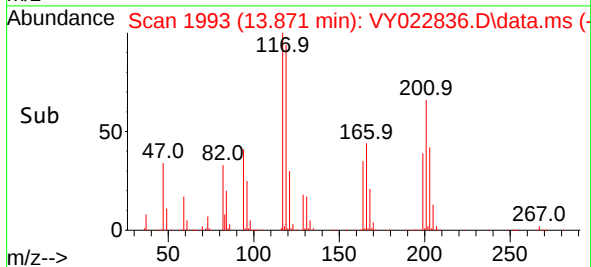
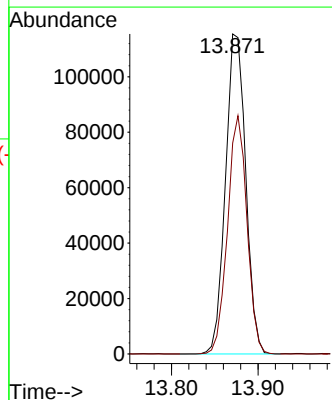
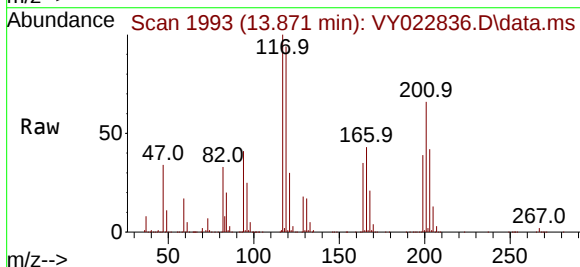
Acq: 25 Jun 2025 19:59

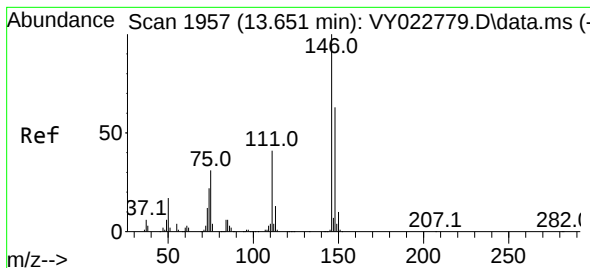
Tgt Ion: 117 Resp: 187650

Ion Ratio Lower Upper

117 100

201 71.4 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 47.123 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

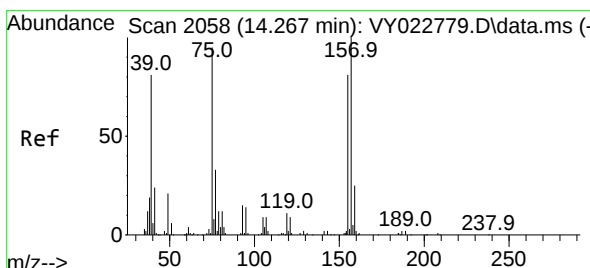
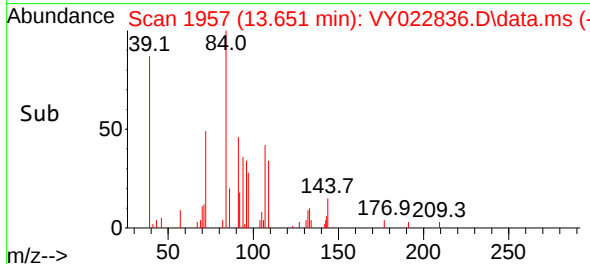
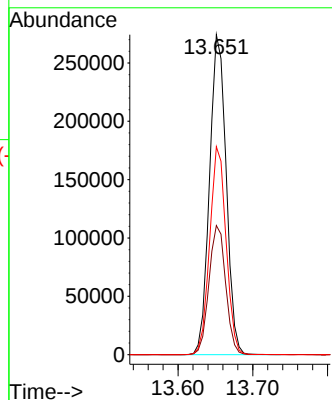
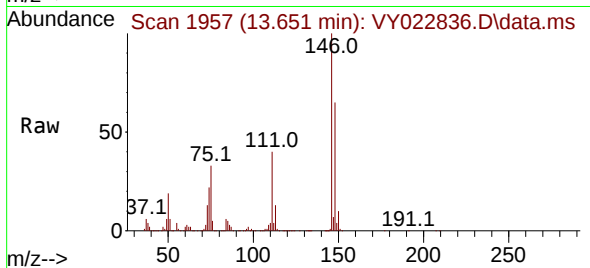
Tgt Ion:146 Resp: 424325

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 64.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.862 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

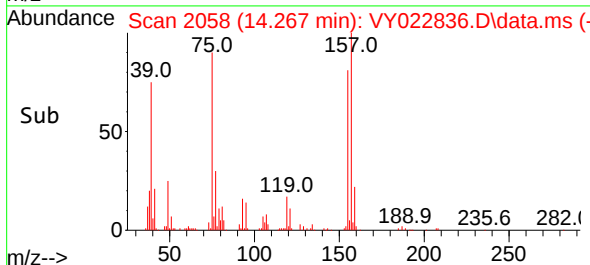
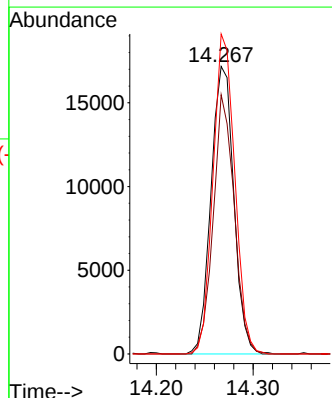
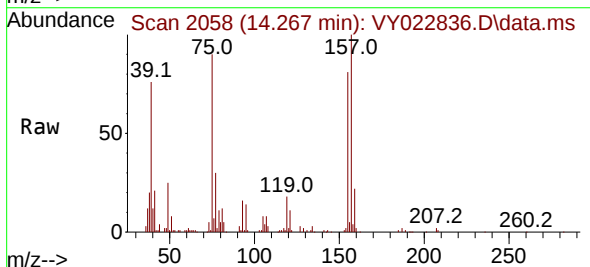
Tgt Ion: 75 Resp: 28135

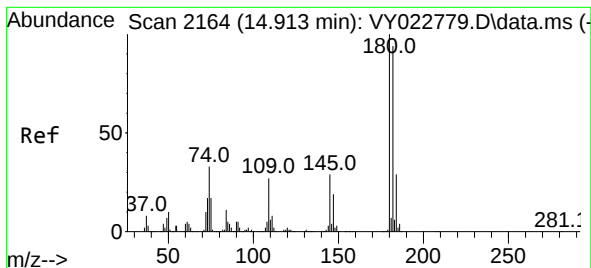
Ion Ratio Lower Upper

75 100

155 82.9 39.9 119.6

157 106.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 43.763 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

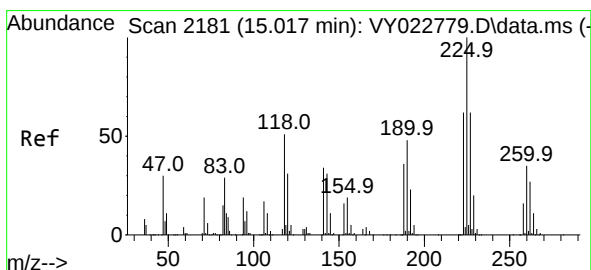
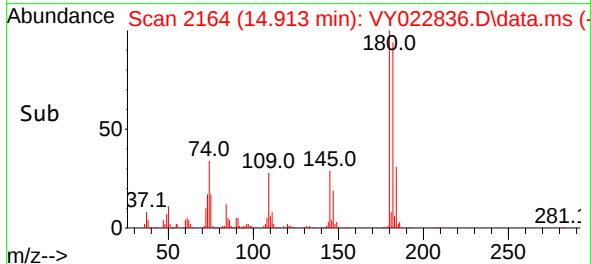
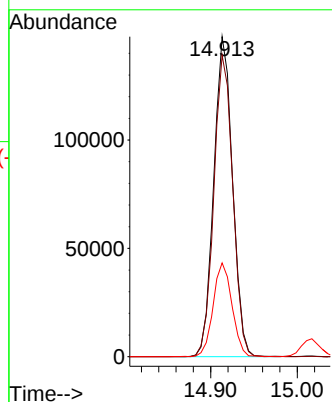
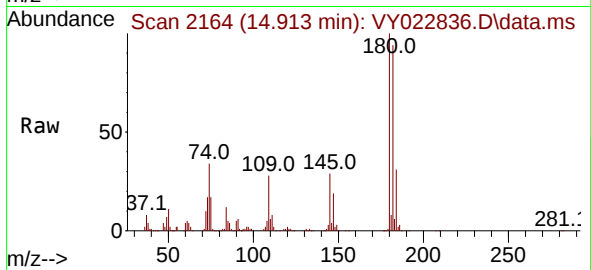
Tgt Ion:180 Resp: 222493

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.3

145 29.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 42.793 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

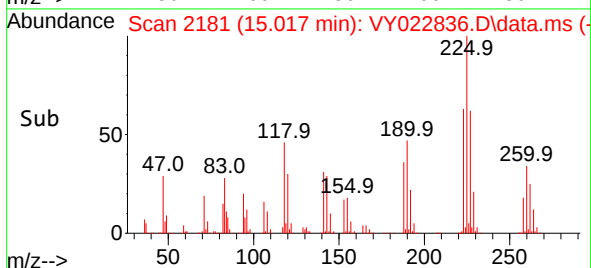
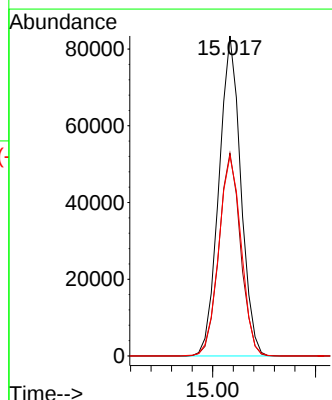
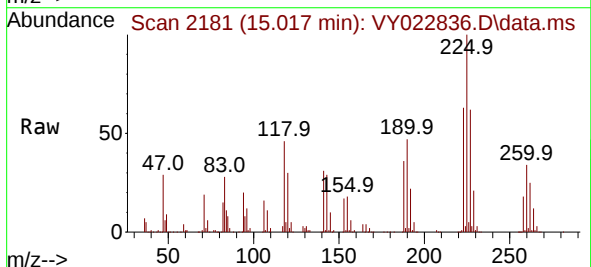
Tgt Ion:225 Resp: 123026

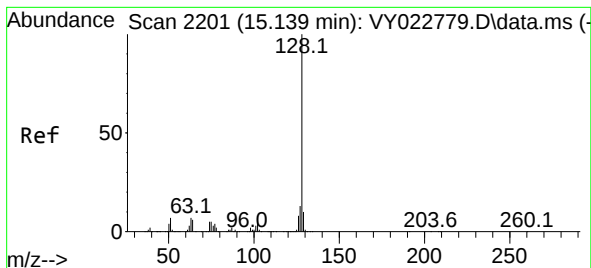
Ion Ratio Lower Upper

225 100

223 62.7 32.5 97.4

227 64.1 32.3 96.9





#95

Naphthalene

Concen: 46.609 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

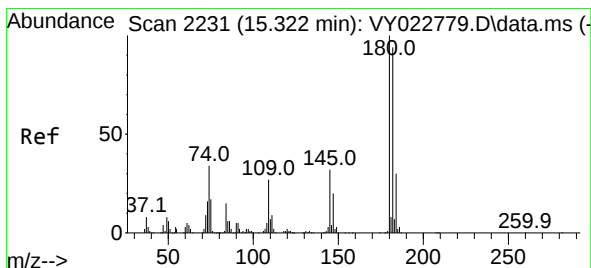
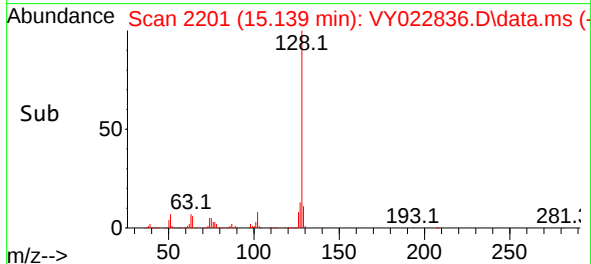
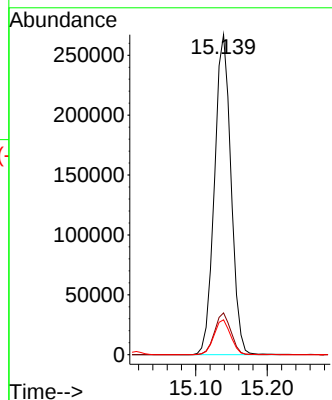
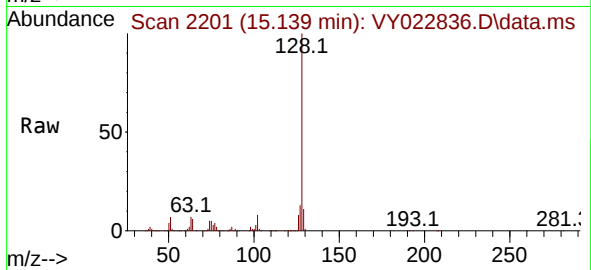
Tgt Ion:128 Resp: 428508

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.510 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022836.D

Acq: 25 Jun 2025 19:59

Tgt Ion:180 Resp: 195540

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.3

145 31.4 15.2 45.6

