

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022511.D
 Acq On : 03 Jun 2025 10:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	187797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	325302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	108238	51.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.060%	
35) Dibromofluoromethane	7.640	113	97475	50.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.400%	
50) Toluene-d8	10.109	98	398159	50.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.407	95	115160	49.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	75927	45.159	ug/l	99
3) Chloromethane	2.068	50	247189	49.765	ug/l	98
4) Vinyl Chloride	2.208	62	292986	50.846	ug/l	99
5) Bromomethane	2.598	94	261600	47.366	ug/l	99
6) Chloroethane	2.738	64	206973	52.331	ug/l	98
7) Trichlorofluoromethane	3.055	101	238847	48.826	ug/l	99
8) Diethyl Ether	3.458	74	55565	50.439	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.823	101	98243	47.685	ug/l	99
10) Methyl Iodide	4.006	142	116238	52.134	ug/l	99
11) Tert butyl alcohol	4.890	59	37588	250.557	ug/l	98
12) 1,1-Dichloroethene	3.793	96	96260	48.879	ug/l	95
13) Acrolein	3.659	56	44427	237.627	ug/l	98
14) Allyl chloride	4.390	41	154530	49.983	ug/l	99
15) Acrylonitrile	5.067	53	118258	253.468	ug/l	99
16) Acetone	3.884	43	91451	214.391	ug/l	97
17) Carbon Disulfide	4.110	76	315520	50.043	ug/l	97
18) Methyl Acetate	4.390	43	69944	55.372	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	280632	50.593	ug/l	99
20) Methylene Chloride	4.622	84	108749	44.882	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	112230	50.918	ug/l	100
22) Diisopropyl ether	6.024	45	347494	50.496	ug/l	98
23) Vinyl Acetate	5.969	43	1020040	250.435	ug/l	100
24) 1,1-Dichloroethane	5.921	63	207429	51.165	ug/l	99
25) 2-Butanone	6.902	43	150087	243.928	ug/l	96
26) 2,2-Dichloropropane	6.890	77	179492	50.109	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	131693	51.693	ug/l	98
28) Bromochloromethane	7.250	49	104897	59.357	ug/l	99
29) Tetrahydrofuran	7.268	42	100100	252.240	ug/l	98
30) Chloroform	7.426	83	207435	51.658	ug/l	92
31) Cyclohexane	7.707	56	185038	45.846	ug/l	98
32) 1,1,1-Trichloroethane	7.621	97	181822	51.007	ug/l	100
36) 1,1-Dichloropropene	7.841	75	153258	48.633	ug/l	99
37) Ethyl Acetate	6.994	43	69356	49.352	ug/l	98
38) Carbon Tetrachloride	7.823	117	158278	48.960	ug/l	98
39) Methylcyclohexane	9.115	83	200361	47.312	ug/l	95
40) Benzene	8.085	78	467282	50.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	35860	43.686	ug/l	91
42) 1,2-Dichloroethane	8.164	62	128548	50.581	ug/l	98
43) Isopropyl Acetate	8.201	43	150269	49.510	ug/l	99
44) Trichloroethene	8.871	130	111488	49.009	ug/l	95
45) 1,2-Dichloropropane	9.146	63	111633	50.749	ug/l	95
46) Dibromomethane	9.231	93	62344	50.378	ug/l	99
47) Bromodichloromethane	9.426	83	160659	51.199	ug/l	97
48) Methyl methacrylate	9.225	41	72544	50.927	ug/l	99
49) 1,4-Dioxane	9.243	88	13838	943.857	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	383731	253.585	ug/l	99
52) Toluene	10.176	92	292952	50.084	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	149694	50.914	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	172592	50.428	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	79092	50.121	ug/l	96
56) Ethyl methacrylate	10.444	69	114501	50.203	ug/l	99
57) 1,3-Dichloropropane	10.718	76	139564	49.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	279007	269.440	ug/l	100
59) 2-Hexanone	10.761	43	251489	248.499	ug/l	99
60) Dibromochloromethane	10.914	129	101429	50.578	ug/l	98
61) 1,2-Dibromoethane	11.017	107	73106	50.829	ug/l	97
64) Tetrachloroethene	10.651	164	116688	49.032	ug/l	98
65) Chlorobenzene	11.444	112	309162	50.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	102149	49.530	ug/l	99
67) Ethyl Benzene	11.523	91	569736	50.175	ug/l	97
68) m/p-Xylenes	11.633	106	423248	98.325	ug/l	99
69) o-Xylene	11.956	106	197139	48.847	ug/l	95
70) Styrene	11.968	104	337617	50.608	ug/l	99
71) Bromoform	12.133	173	54008	49.211	ug/l #	97
73) Isopropylbenzene	12.255	105	523520	48.906	ug/l	99
74) N-amyl acetate	12.072	43	134344	49.739	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	87261	49.668	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	121644	81.550	ug/l #	100
77) Bromobenzene	12.535	156	112367	49.743	ug/l	99
78) n-propylbenzene	12.596	91	641434	49.060	ug/l	99
79) 2-Chlorotoluene	12.682	91	340867	49.190	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	416181	49.521	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	30494	49.369	ug/l	96
82) 4-Chlorotoluene	12.779	91	343404	48.038	ug/l	99
83) tert-Butylbenzene	12.999	119	371831	49.296	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	417788	49.704	ug/l	100
85) sec-Butylbenzene	13.175	105	567452	49.121	ug/l	100
86) p-Isopropyltoluene	13.291	119	464860	48.819	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	225894	49.356	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	216249	48.715	ug/l	99
89) n-Butylbenzene	13.620	91	452386	50.075	ug/l	99
90) Hexachloroethane	13.883	117	91854	49.550	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	191317	49.234	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13456	52.605	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	108808	51.341	ug/l	96
94) Hexachlorobutadiene	15.023	225	56388	48.206	ug/l	98
95) Naphthalene	15.145	128	209808	51.588	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	91404	50.325	ug/l	99

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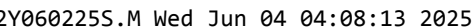
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

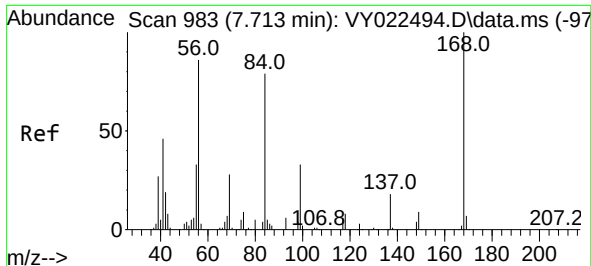
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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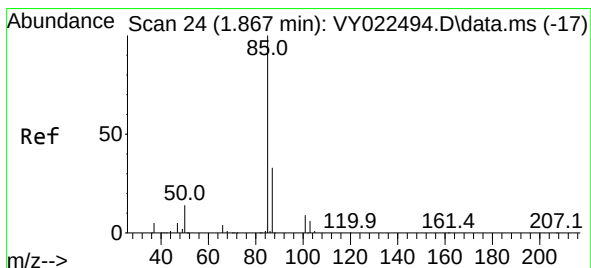
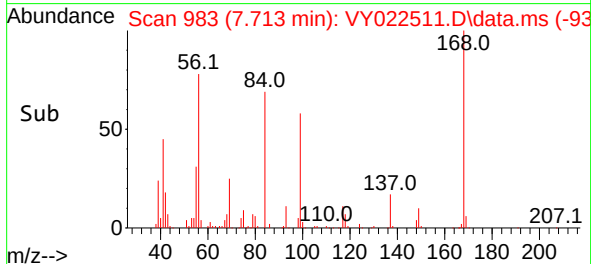
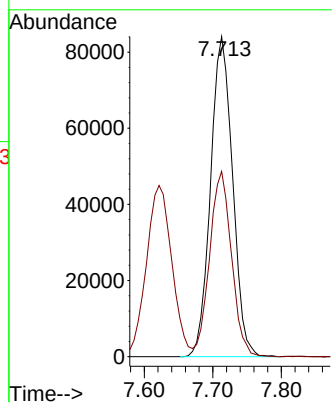
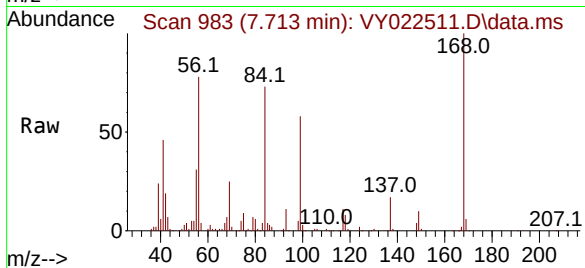




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022511.D
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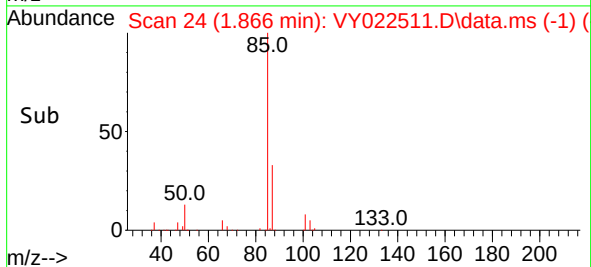
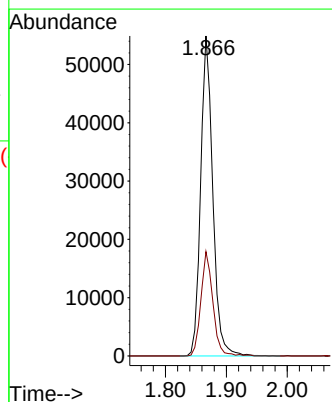
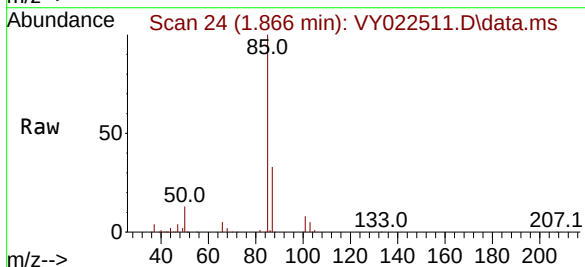
Instrument :
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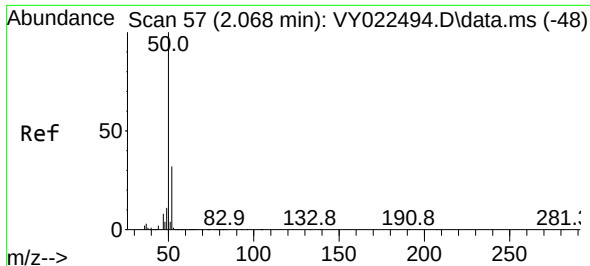
Tgt Ion:168 Resp: 187797
Ion Ratio Lower Upper
168 100
99 57.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 45.159 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 85 Resp: 75927
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.0

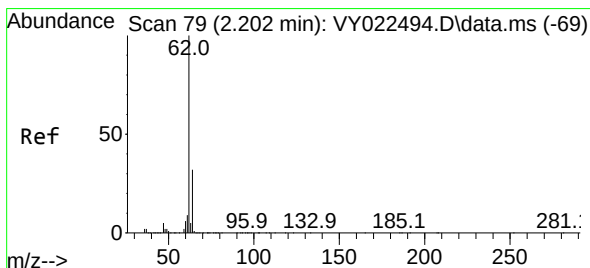
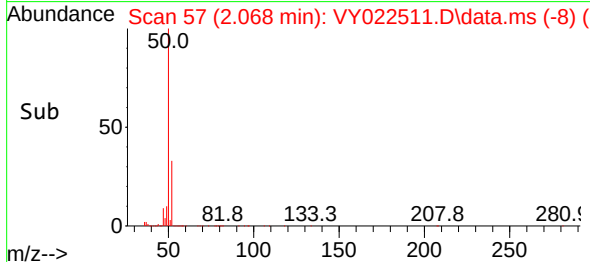
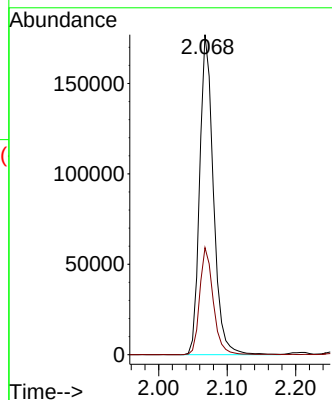
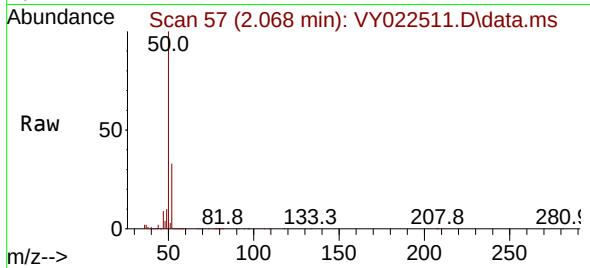




#3
Chloromethane
Concen: 49.765 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

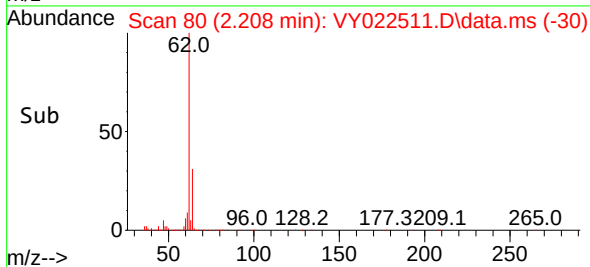
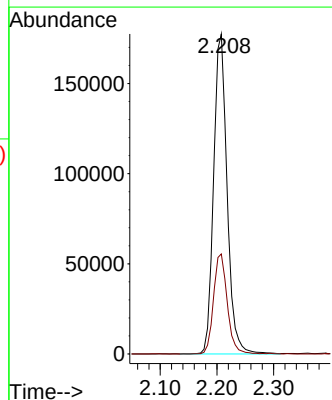
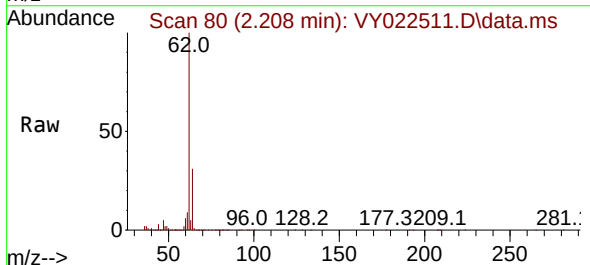
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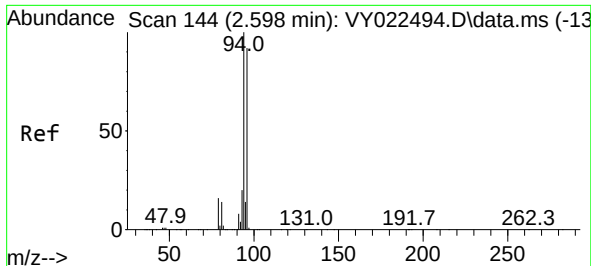
Tgt Ion: 50 Resp: 247189
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0



#4
Vinyl Chloride
Concen: 50.846 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 62 Resp: 292986
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9

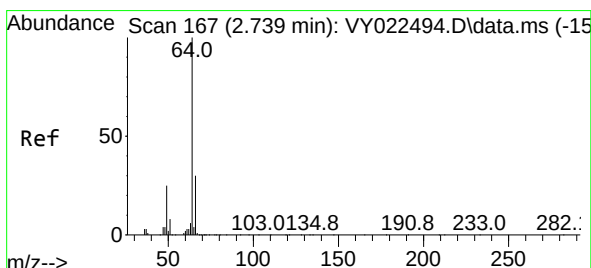
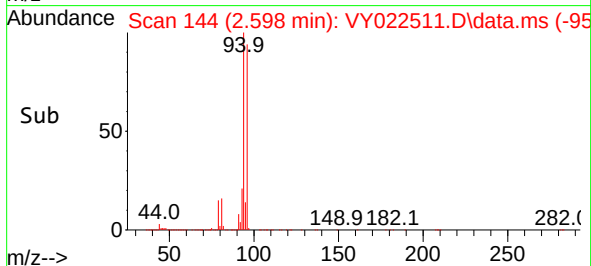
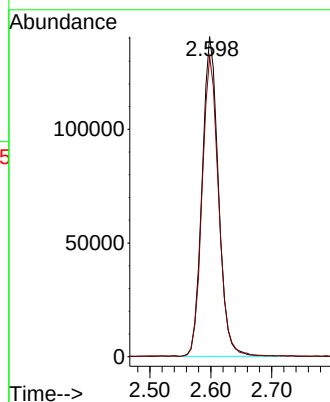
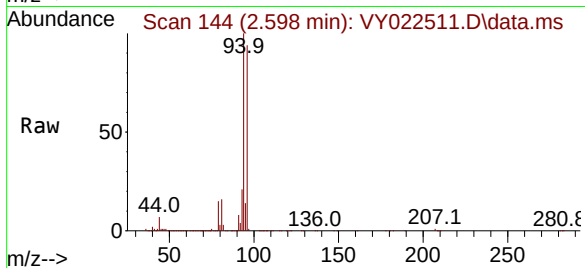




#5
Bromomethane
Concen: 47.366 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

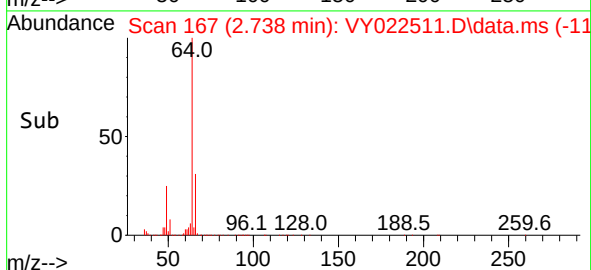
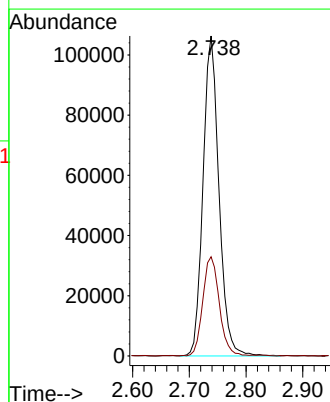
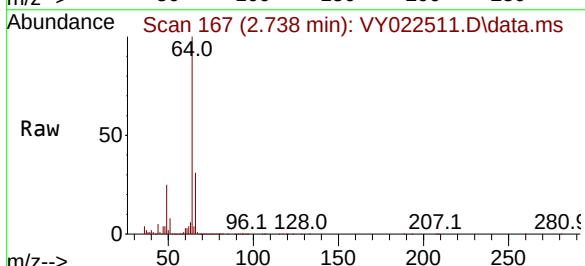
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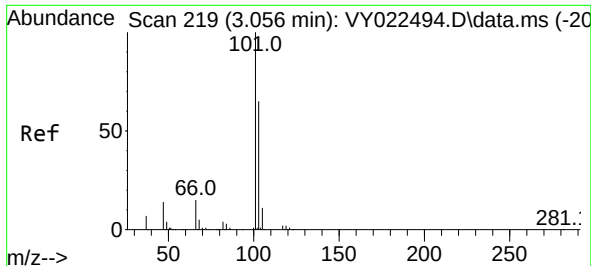
Tgt Ion: 94 Resp: 261600
Ion Ratio Lower Upper
94 100
96 93.8 74.0 111.0



#6
Chloroethane
Concen: 52.331 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 64 Resp: 206973
Ion Ratio Lower Upper
64 100
66 30.9 23.8 35.6

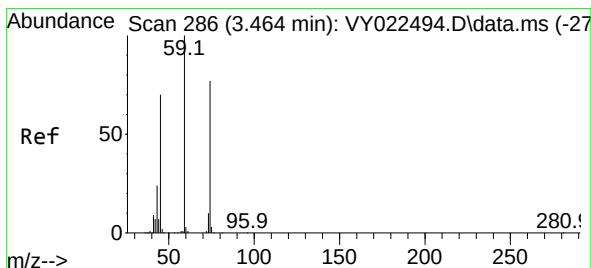
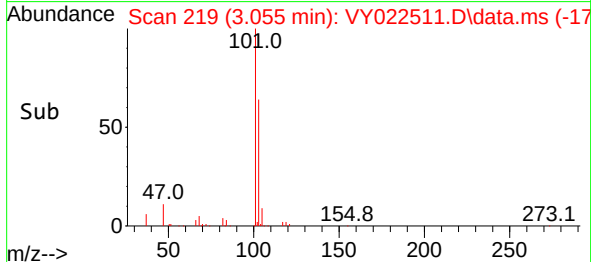
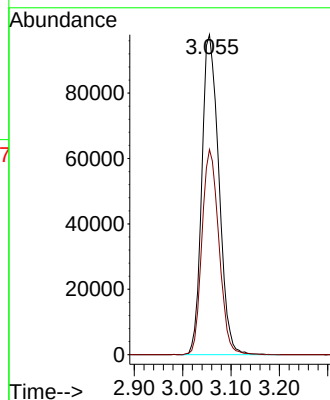
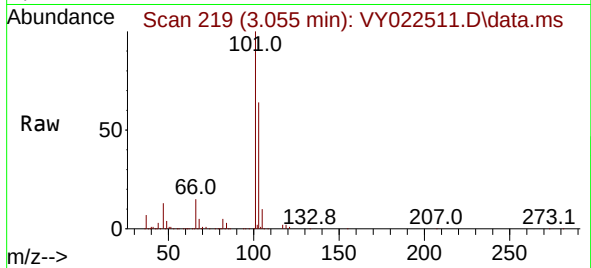




#7
Trichlorofluoromethane
Concen: 48.826 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

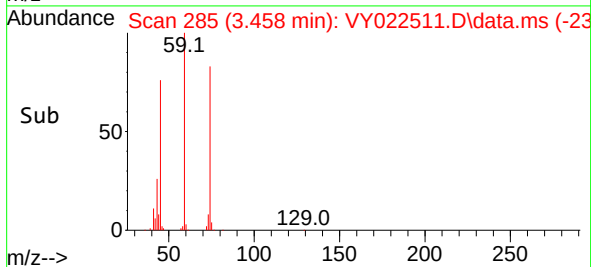
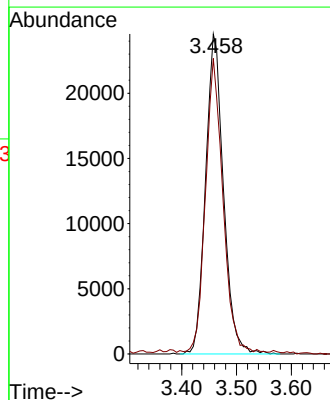
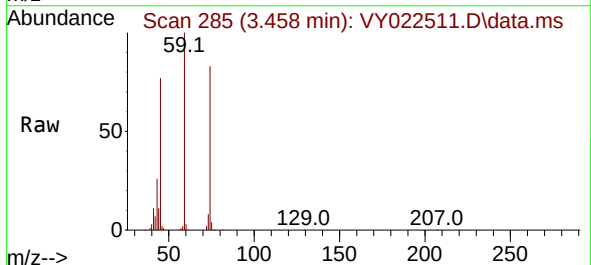
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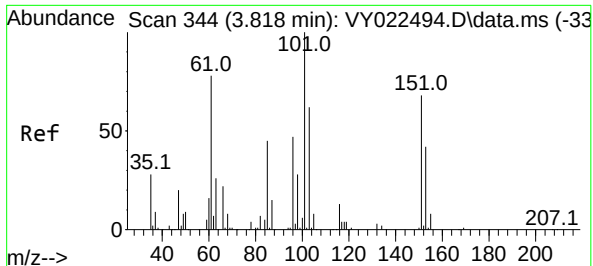
Tgt Ion:101 Resp: 238847
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2



#8
Diethyl Ether
Concen: 50.439 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 74 Resp: 55565
Ion Ratio Lower Upper
74 100
45 88.8 45.9 137.6

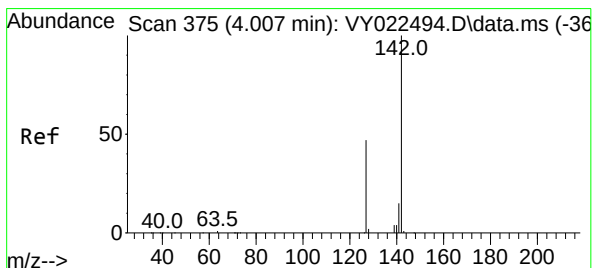
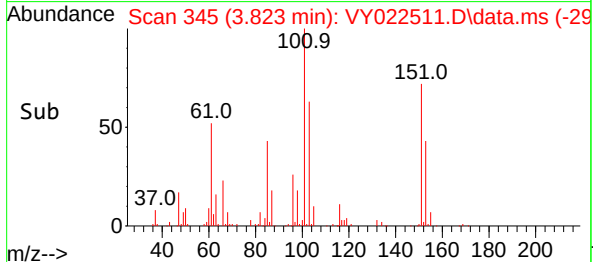
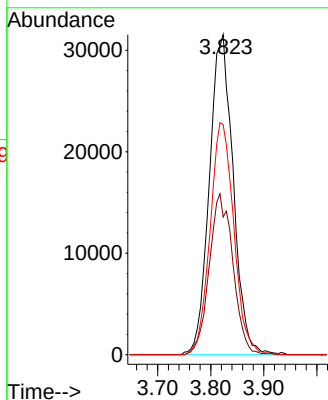
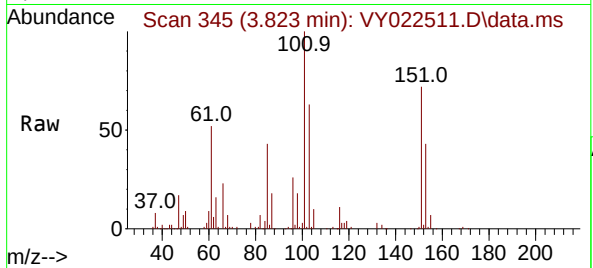




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.685 ug/l
RT: 3.823 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

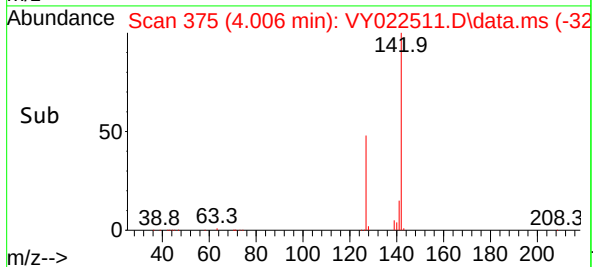
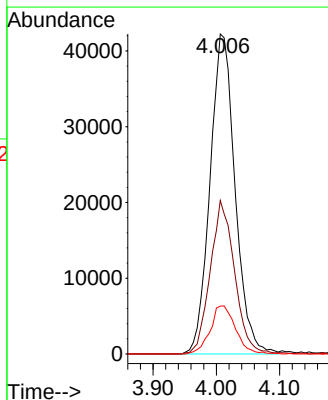
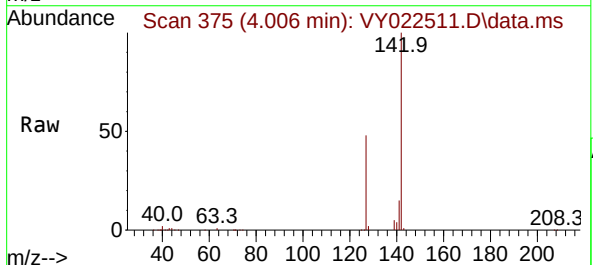
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

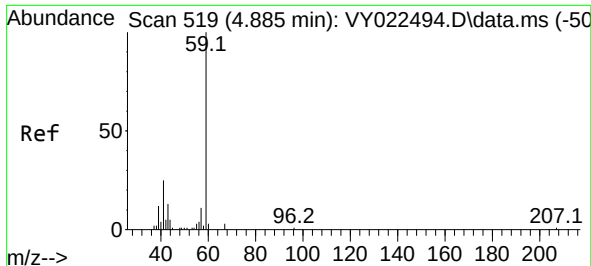
Tgt Ion:101 Resp: 98243
Ion Ratio Lower Upper
101 100
85 50.1 39.3 58.9
151 72.5 57.8 86.8



#10
Methyl Iodide
Concen: 52.134 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:142 Resp: 116238
Ion Ratio Lower Upper
142 100
127 46.6 37.1 55.7
141 15.2 11.4 17.2

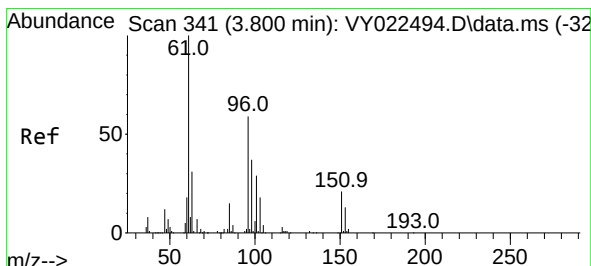
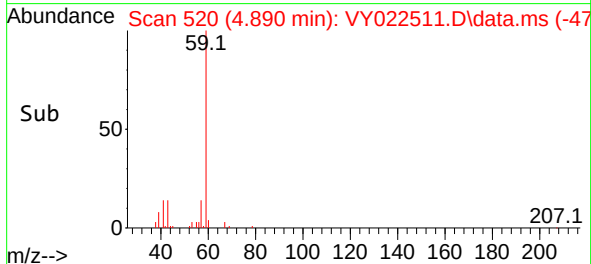
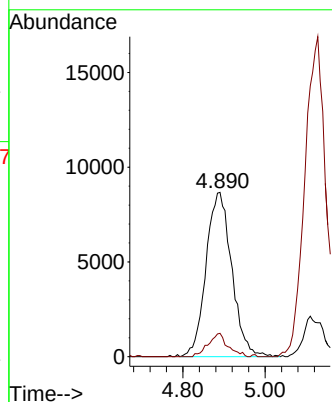
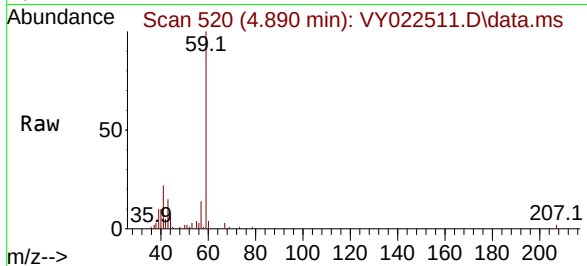




#11
Tert butyl alcohol
Concen: 250.557 ug/l
RT: 4.890 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

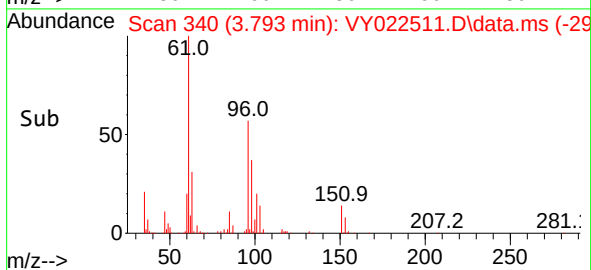
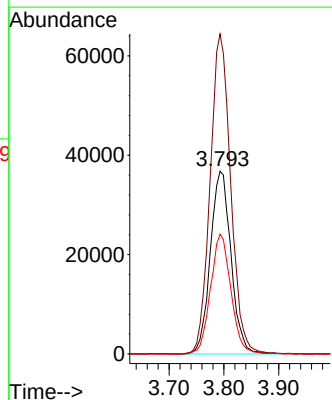
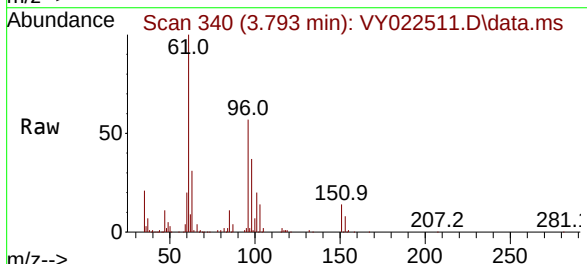
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

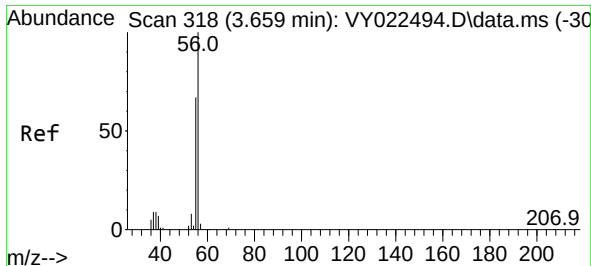
Tgt Ion: 59 Resp: 37588
Ion Ratio Lower Upper
59 100
57 10.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.879 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 96 Resp: 96260
Ion Ratio Lower Upper
96 100
61 175.2 134.6 201.8
98 65.5 50.2 75.4

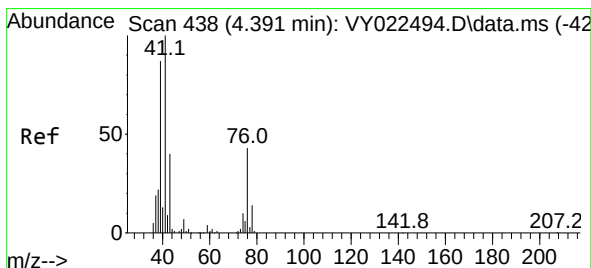
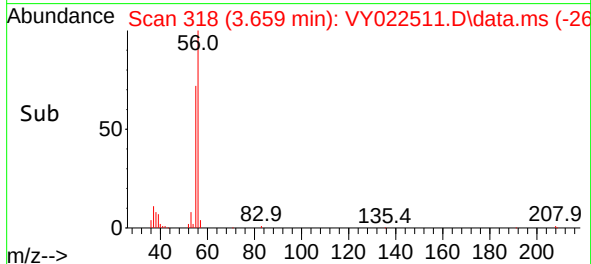
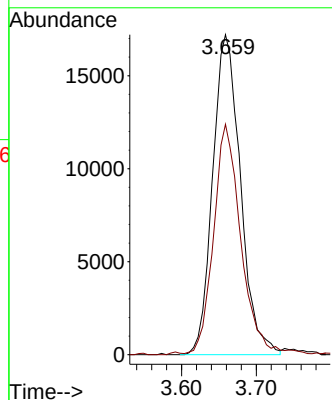
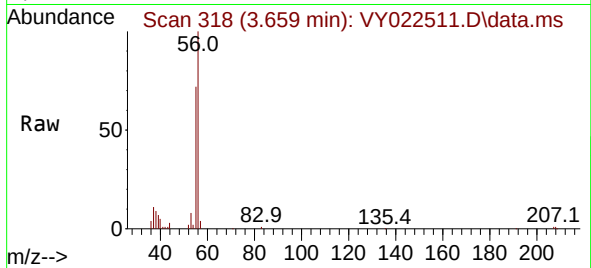




#13
Acrolein
Concen: 237.627 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

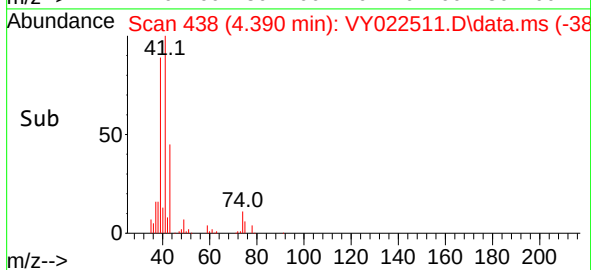
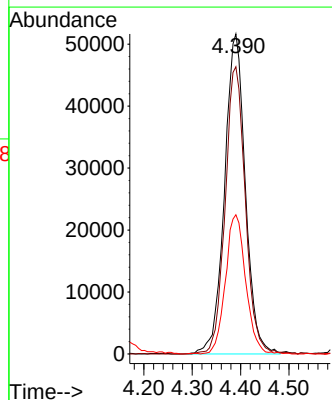
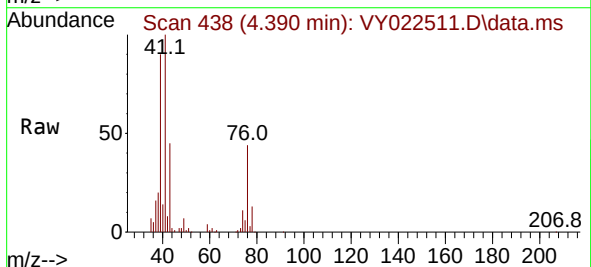
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

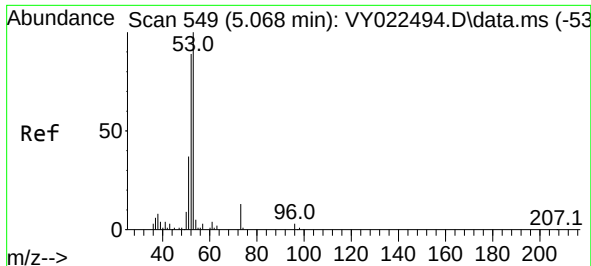
Tgt Ion: 56 Resp: 44427
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.6



#14
Allyl chloride
Concen: 49.983 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 41 Resp: 154530
Ion Ratio Lower Upper
41 100
39 87.1 69.1 103.7
76 42.3 33.5 50.3

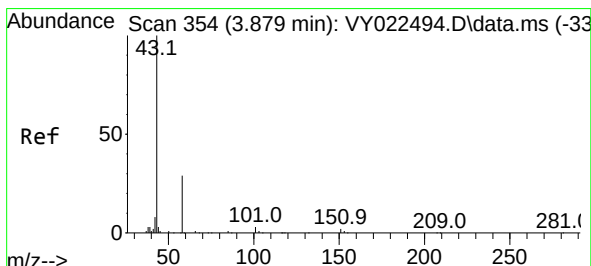
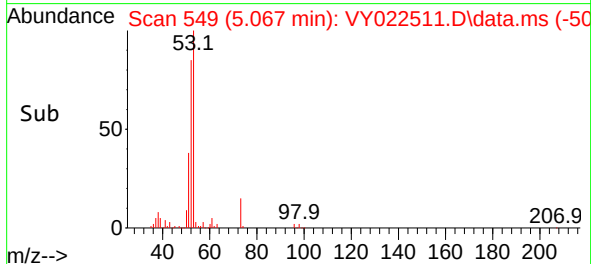
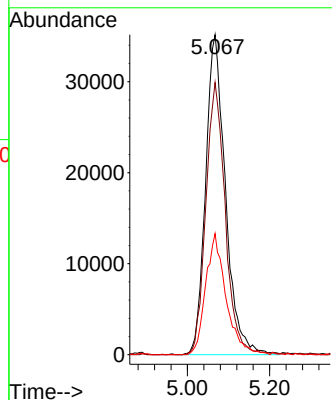
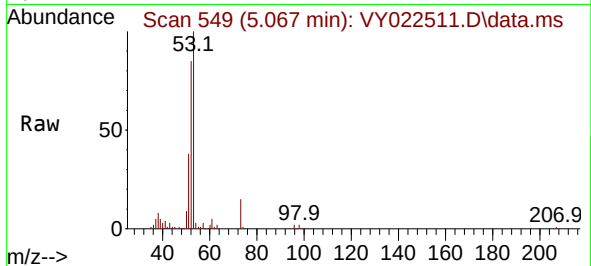




#15
Acrylonitrile
Concen: 253.468 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

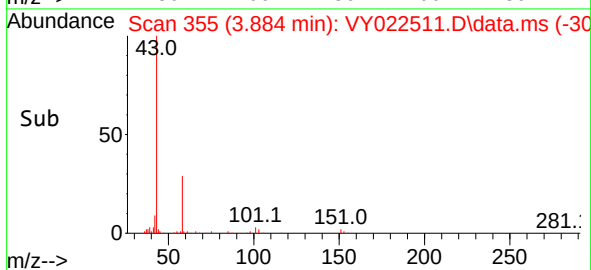
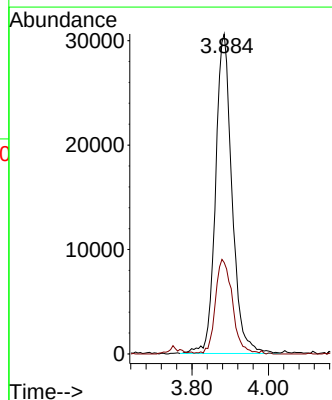
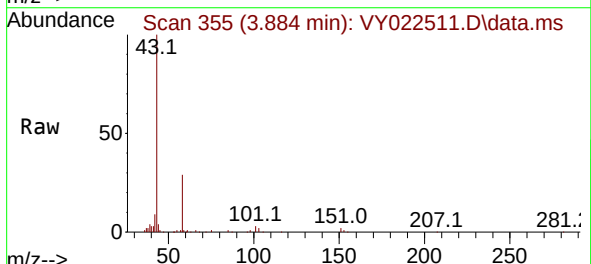
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

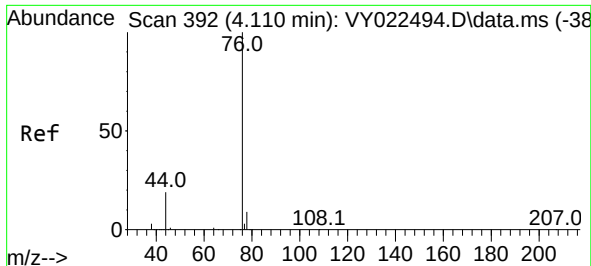
Tgt Ion: 53 Resp: 118258
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 38.7 30.1 45.1



#16
Acetone
Concen: 214.391 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 91451
Ion Ratio Lower Upper
43 100
58 28.6 24.0 36.0

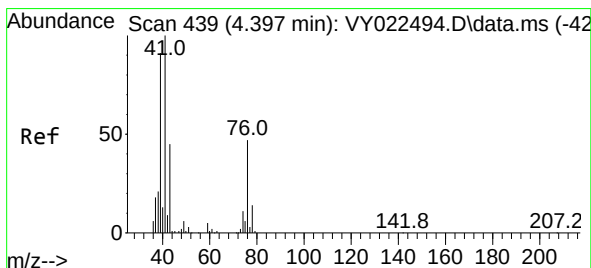
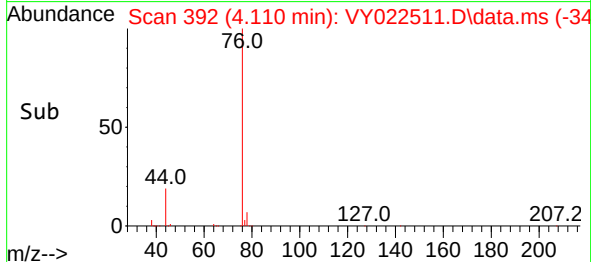
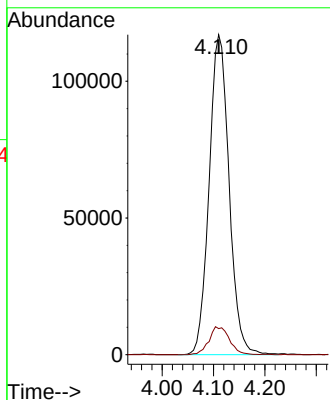
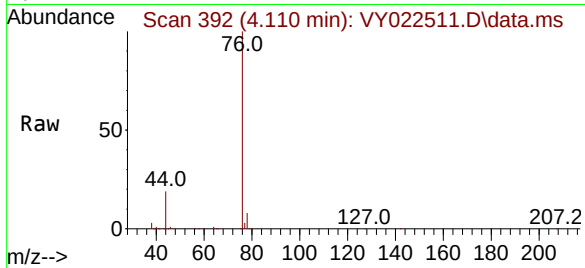




#17
Carbon Disulfide
Concen: 50.043 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

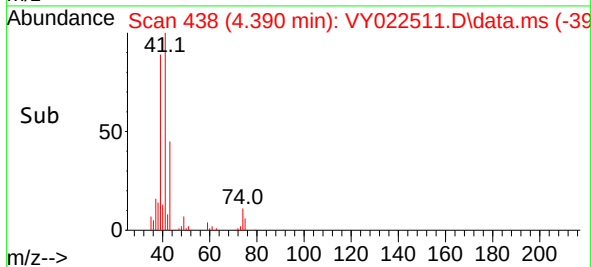
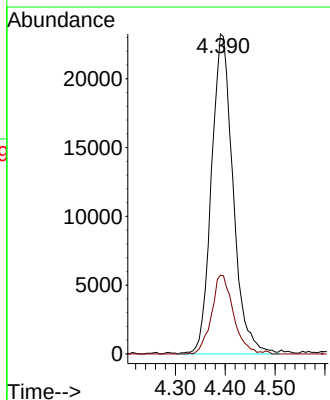
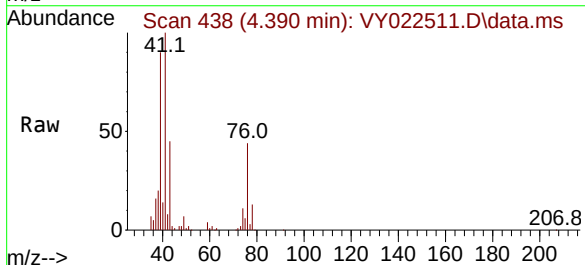
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

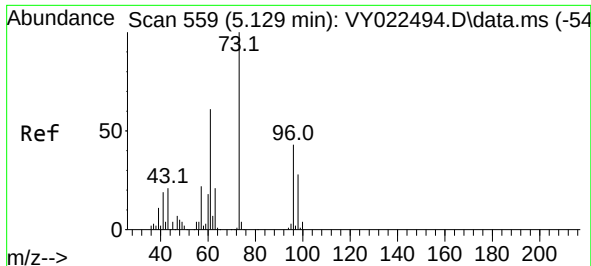
Tgt Ion: 76 Resp: 315520
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 55.372 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 69944
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6

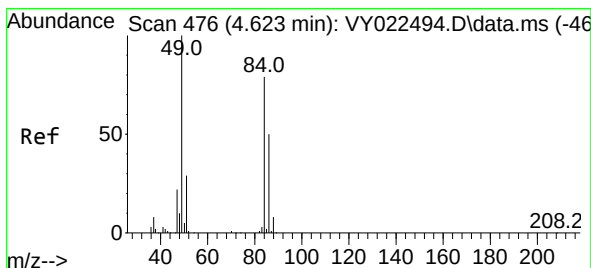
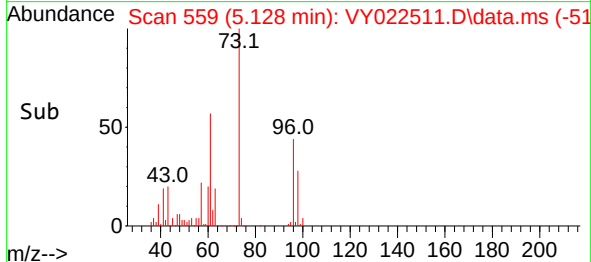
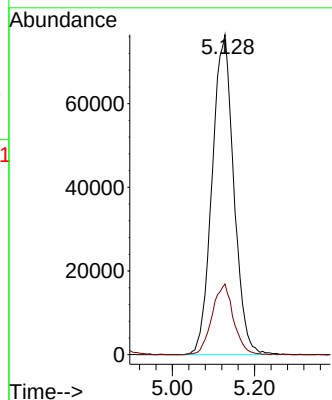
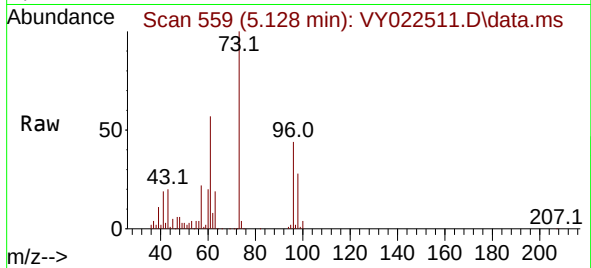




#19
Methyl tert-butyl Ether
Concen: 50.593 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

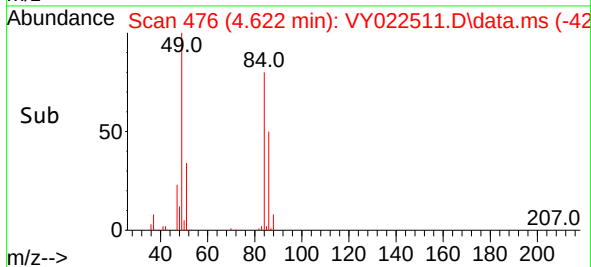
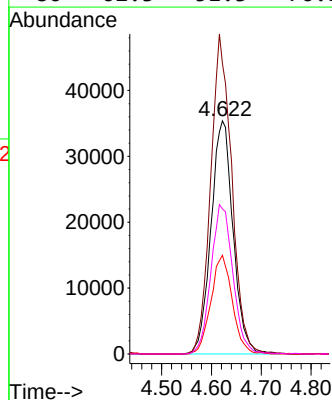
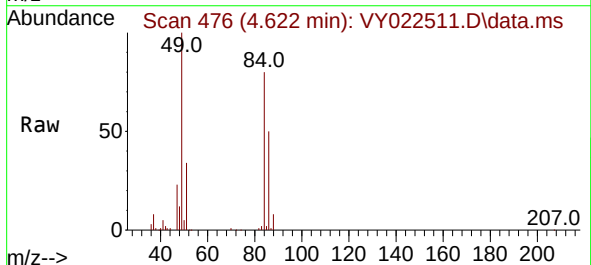
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

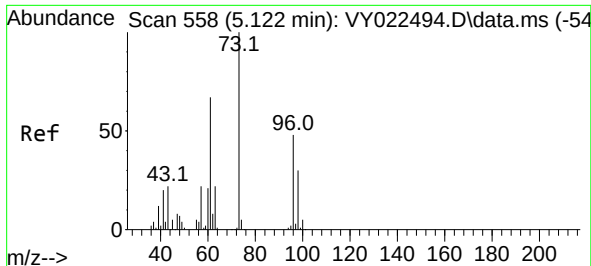
Tgt Ion: 73 Resp: 280632
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 44.882 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 84 Resp: 108749
Ion Ratio Lower Upper
84 100
49 124.6 101.9 152.9
51 42.4 29.8 44.8
86 62.3 51.3 76.9

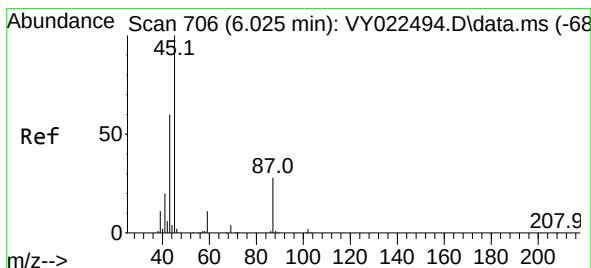
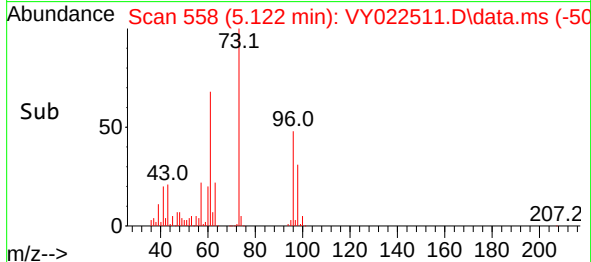
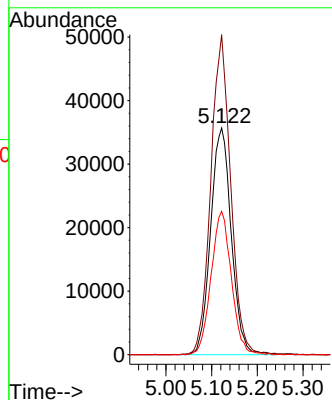
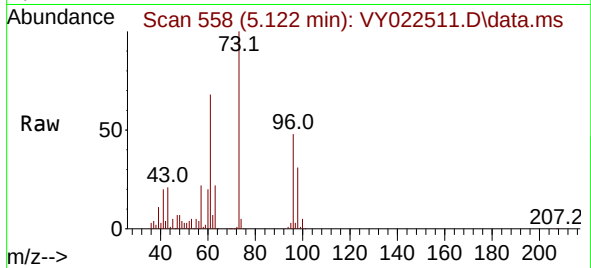




#21
trans-1,2-Dichloroethene
Concen: 50.918 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

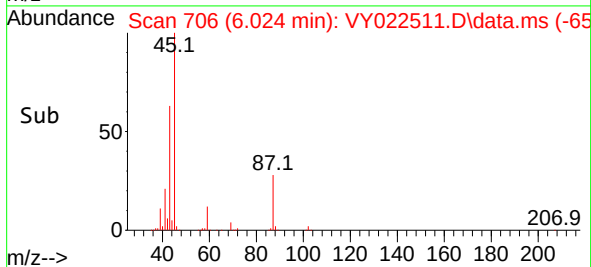
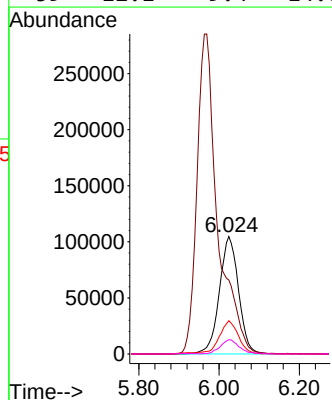
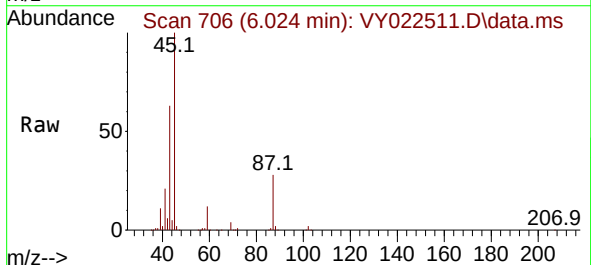
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

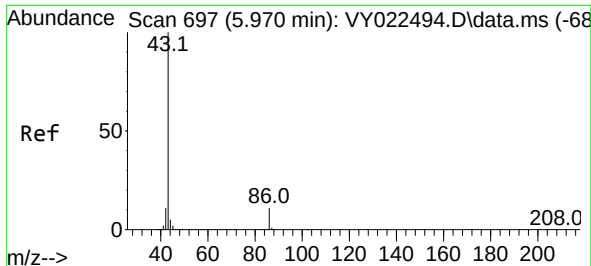
Tgt Ion: 96 Resp: 112230
Ion Ratio Lower Upper
96 100
61 141.1 112.6 169.0
98 63.1 50.6 75.8



#22
Diisopropyl ether
Concen: 50.496 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 45 Resp: 347494
Ion Ratio Lower Upper
45 100
43 62.6 48.3 72.5
87 28.3 23.0 34.6
59 12.1 9.4 14.0

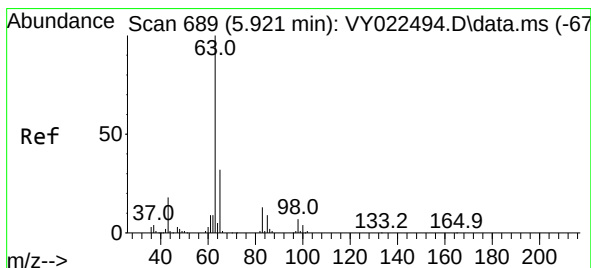
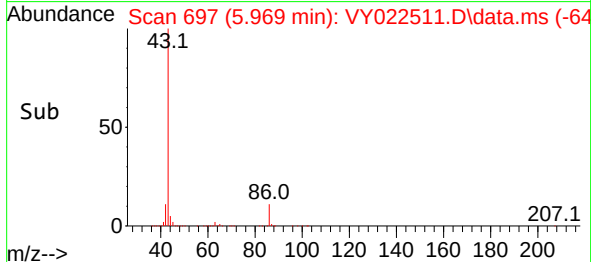
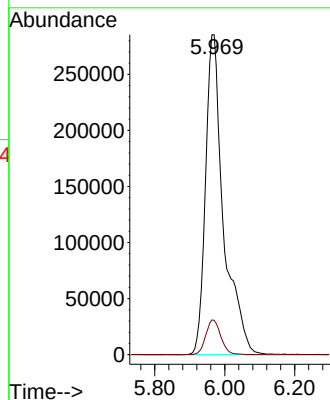
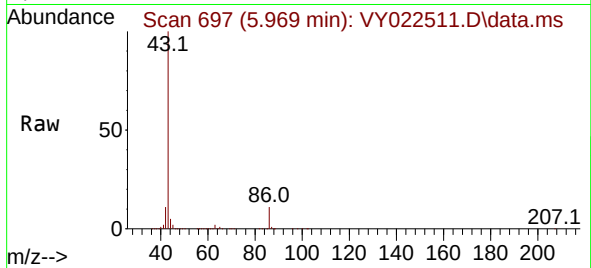




#23
 Vinyl Acetate
 Concen: 250.435 ug/l
 RT: 5.969 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY022511.D
 Acq: 03 Jun 2025 10:03

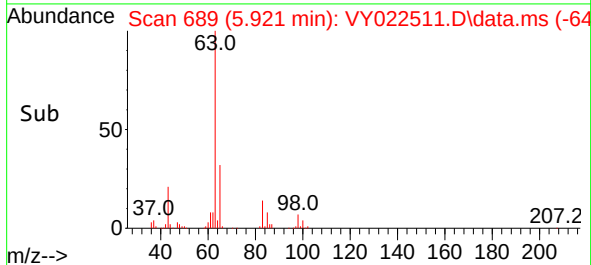
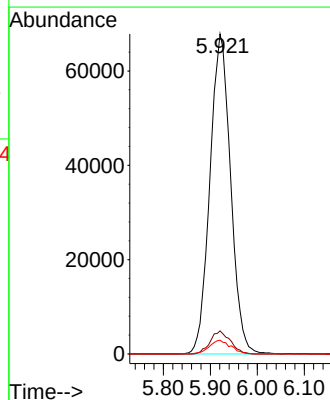
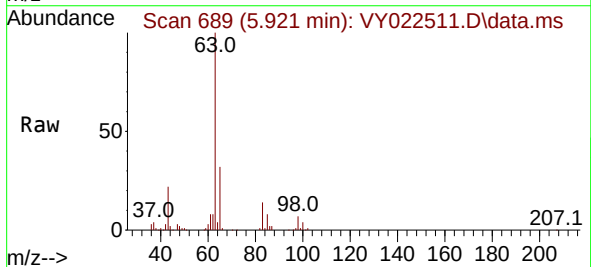
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

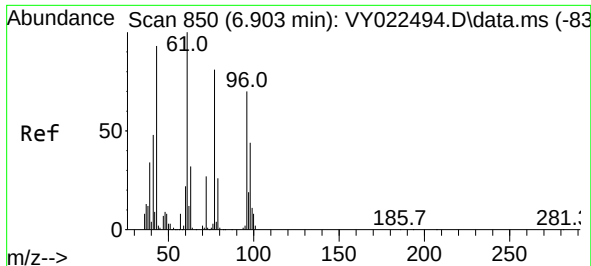
Tgt Ion: 43 Resp: 1020040
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 51.165 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.001 min
 Lab File: VY022511.D
 Acq: 03 Jun 2025 10:03

Tgt Ion: 63 Resp: 207429
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 243.928 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

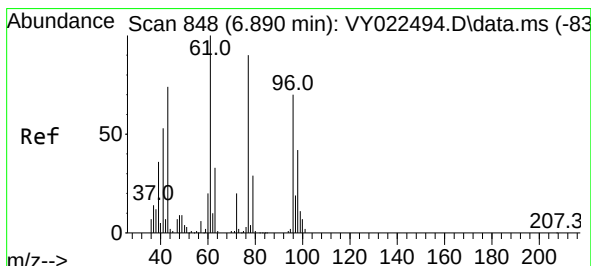
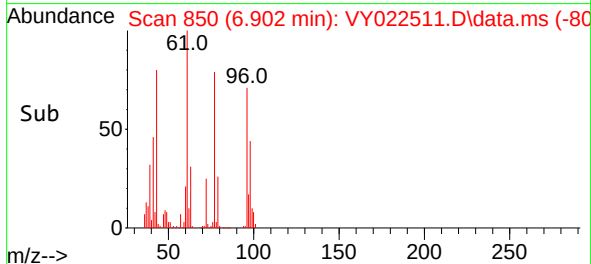
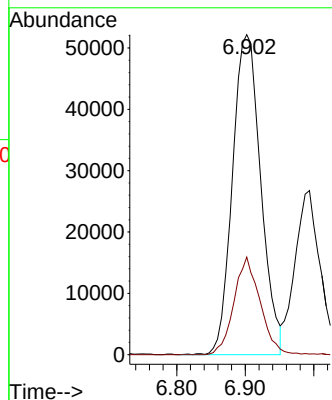
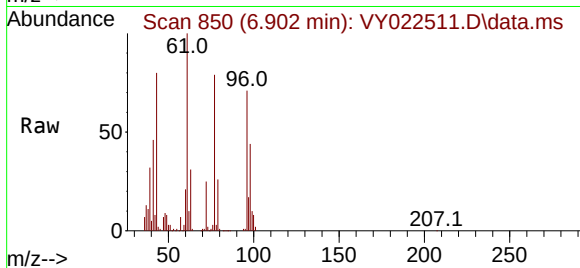
VSTDCCC050

Tgt Ion: 43 Resp: 150087

Ion Ratio Lower Upper

43 100

72 30.5 22.9 34.3



#26

2,2-Dichloropropane

Concen: 50.109 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.001 min

Lab File: VY022511.D

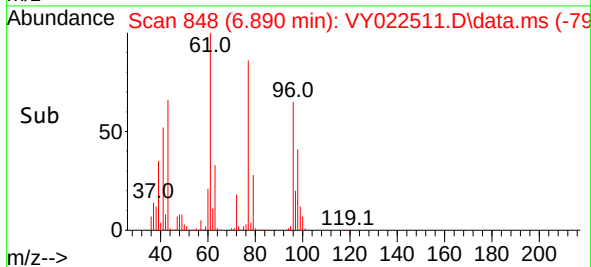
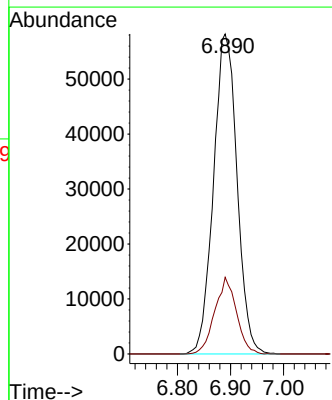
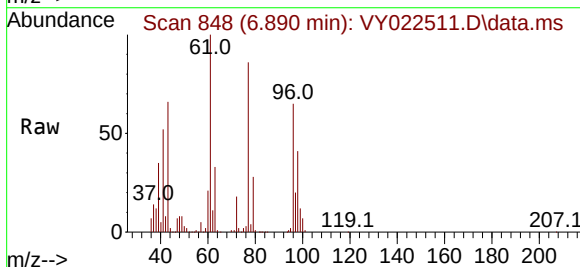
Acq: 03 Jun 2025 10:03

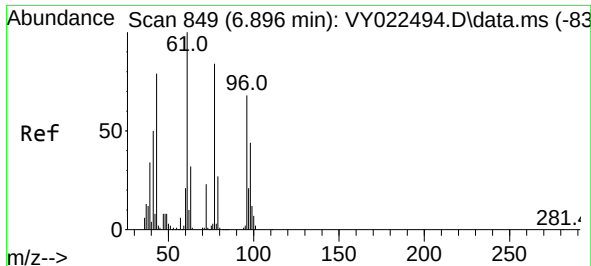
Tgt Ion: 77 Resp: 179492

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.2



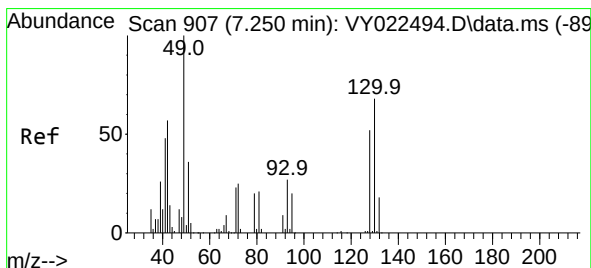
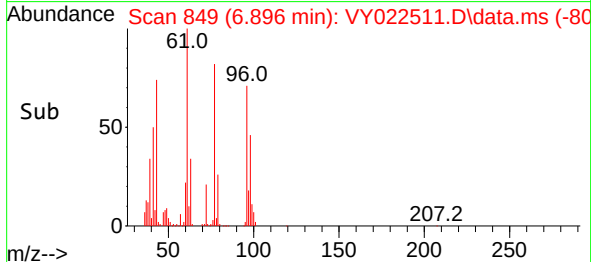
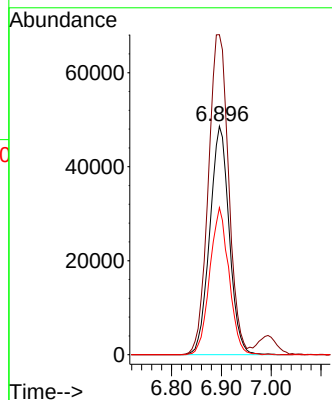
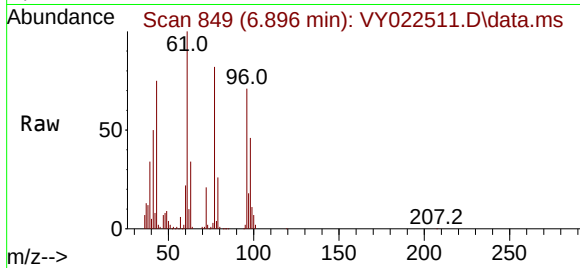


#27
 cis-1,2-Dichloroethene
 Concen: 51.693 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.001 min
 Lab File: VY022511.D
 Acq: 03 Jun 2025 10:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 131693

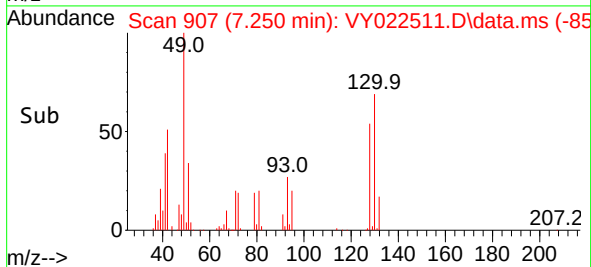
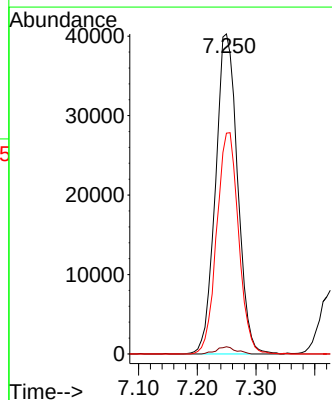
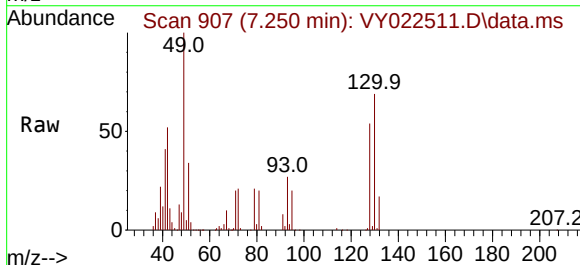
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	290.0
98	63.4	0.0	128.4

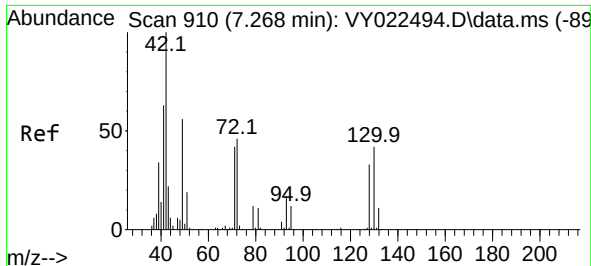


#28
 Bromochloromethane
 Concen: 59.357 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.001 min
 Lab File: VY022511.D
 Acq: 03 Jun 2025 10:03

Tgt Ion: 49 Resp: 104897

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	68.6	55.7	83.5





#29

Tetrahydrofuran

Concen: 252.240 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

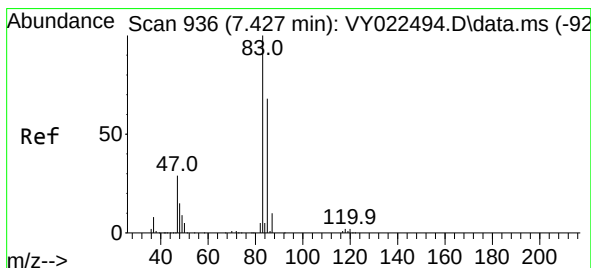
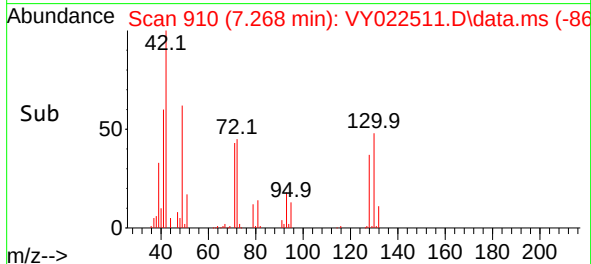
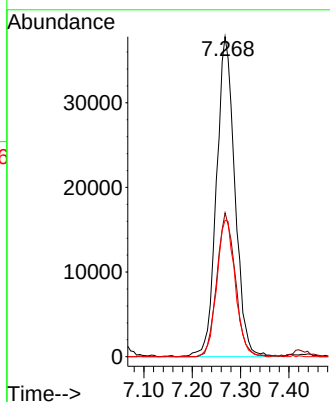
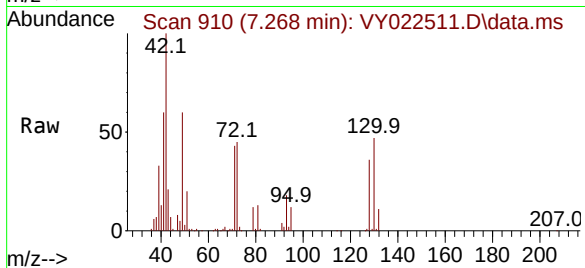
Tgt Ion: 42 Resp: 100100

Ion Ratio Lower Upper

42 100

72 45.0 37.4 56.2

71 42.9 34.2 51.2



#30

Chloroform

Concen: 51.658 ug/l

RT: 7.426 min Scan# 936

Delta R.T. -0.001 min

Lab File: VY022511.D

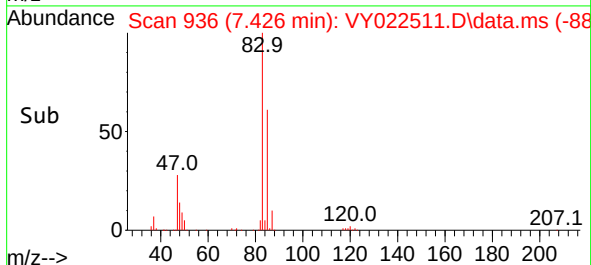
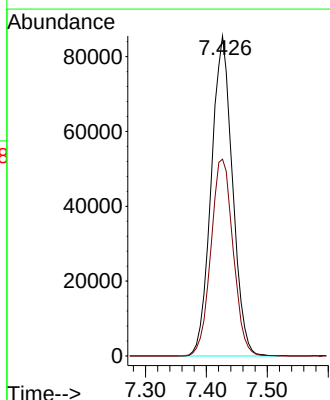
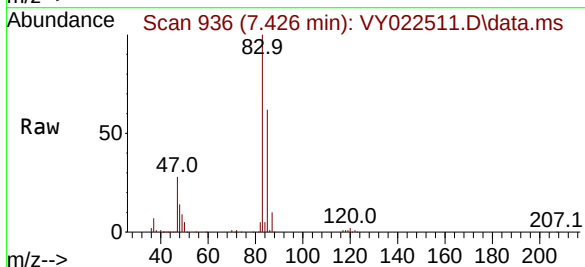
Acq: 03 Jun 2025 10:03

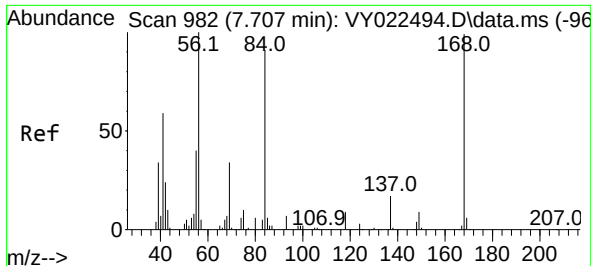
Tgt Ion: 83 Resp: 207435

Ion Ratio Lower Upper

83 100

85 61.5 54.2 81.4

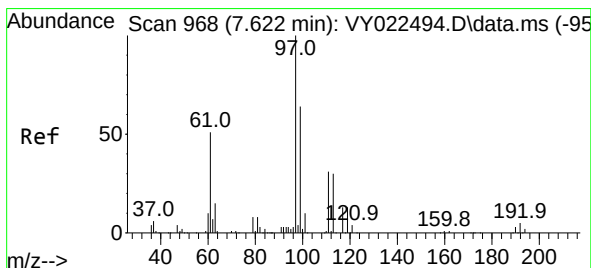
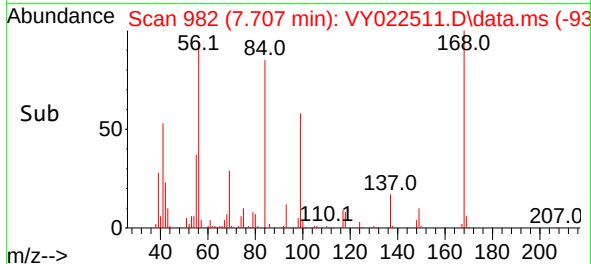
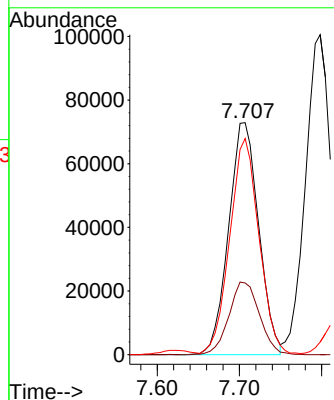
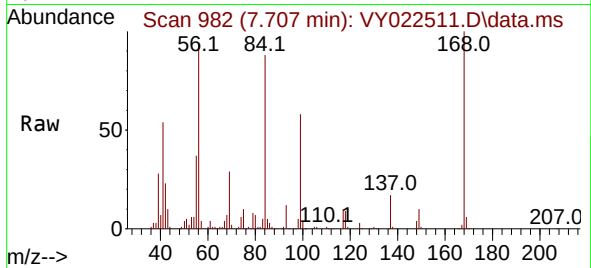




#31
Cyclohexane
Concen: 45.846 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

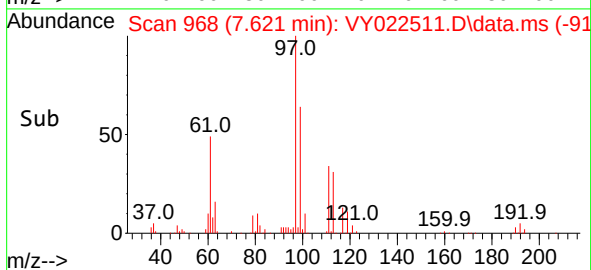
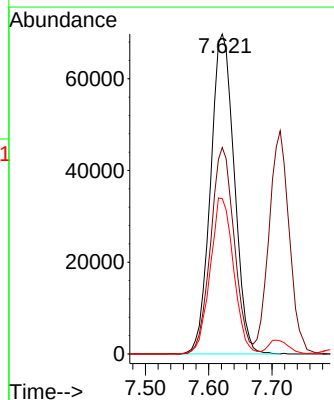
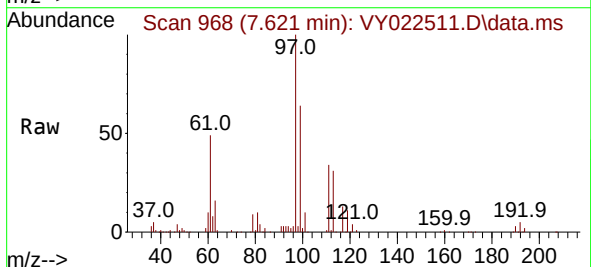
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

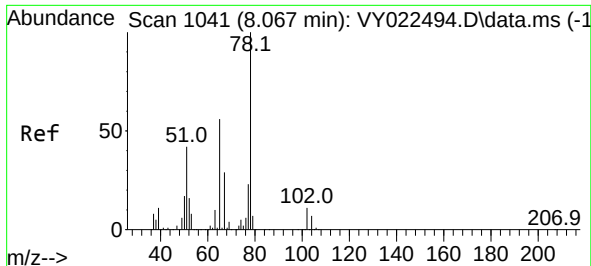
Tgt Ion: 56 Resp: 185038
Ion Ratio Lower Upper
56 100
69 30.9 27.0 40.6
84 91.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.007 ug/l
RT: 7.621 min Scan# 968
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 97 Resp: 181822
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 48.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 51.532 ug/l

RT: 8.066 min Scan# 11041

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

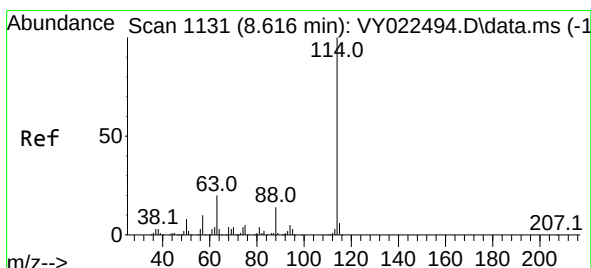
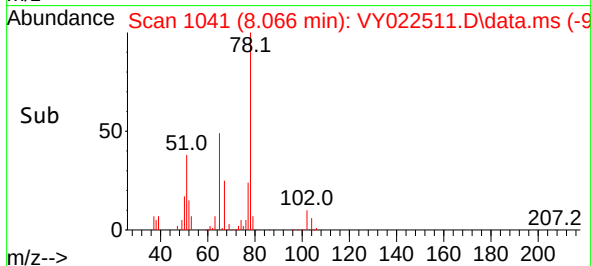
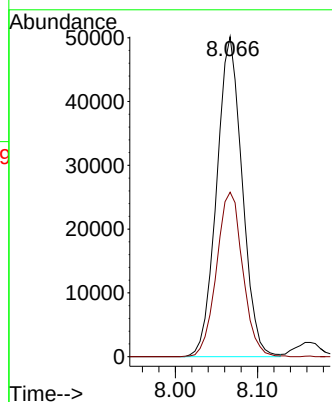
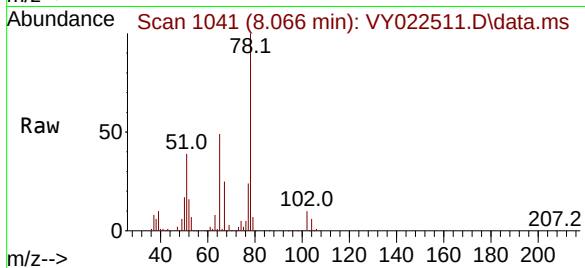
VSTDCCC050

Tgt Ion: 65 Resp: 108238

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

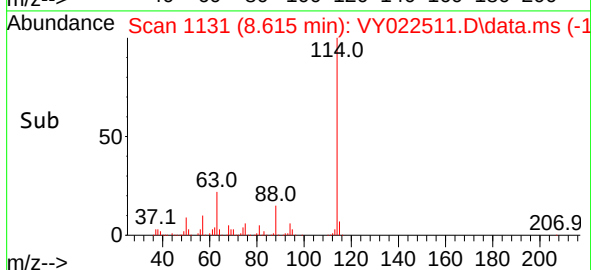
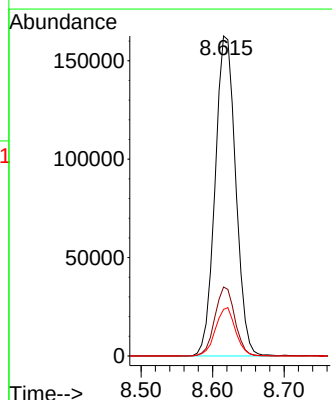
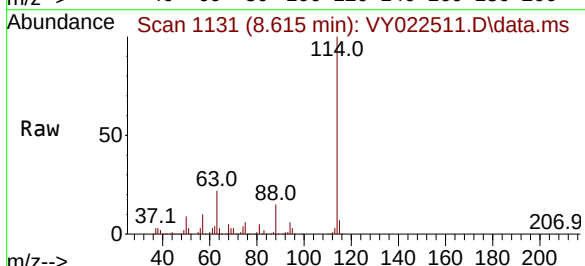
Tgt Ion: 114 Resp: 325302

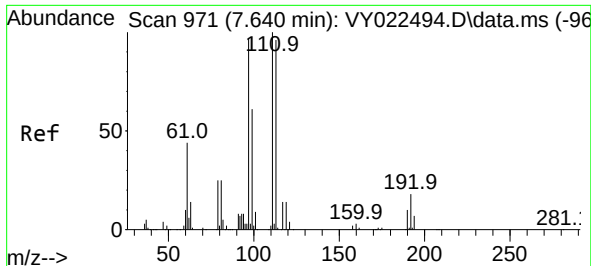
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 14.5 0.0 27.8

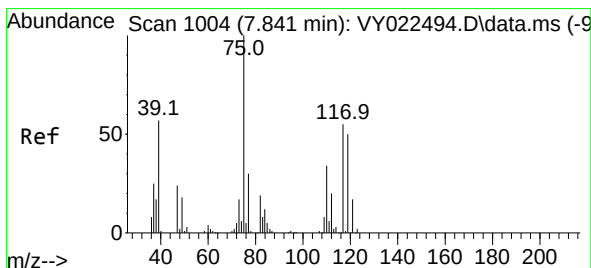
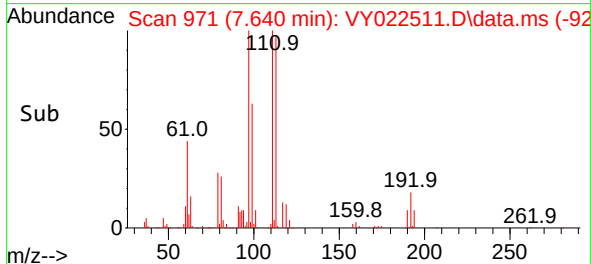
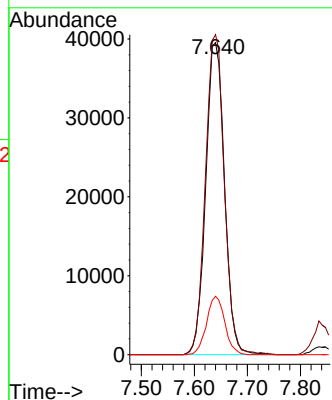
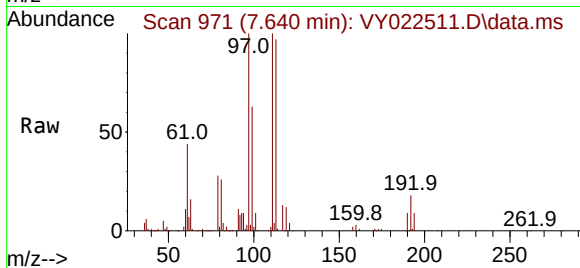




#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

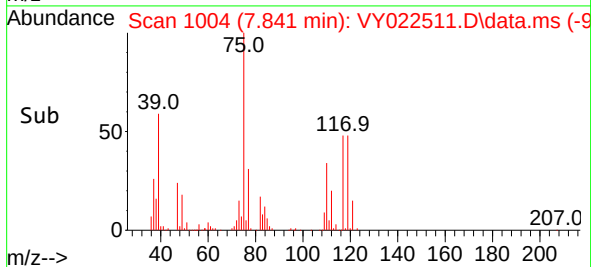
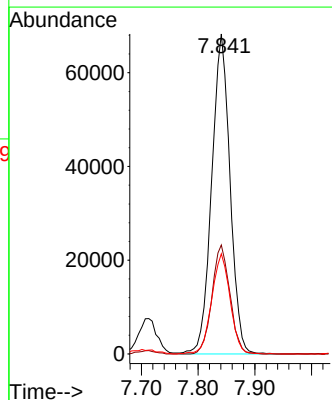
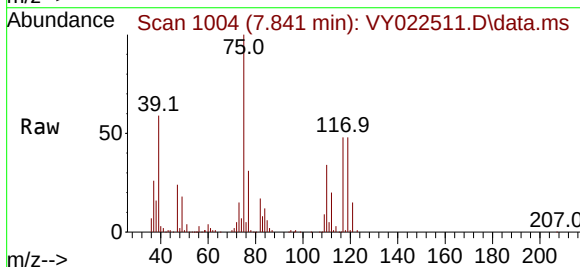
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

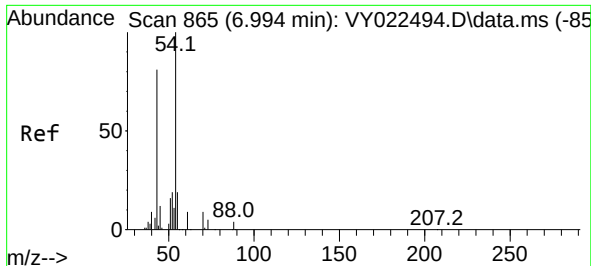
Tgt Ion:113 Resp: 97475
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 18.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 48.633 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 153258
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.7
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 49.352 ug/l

RT: 6.994 min Scan# 865

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

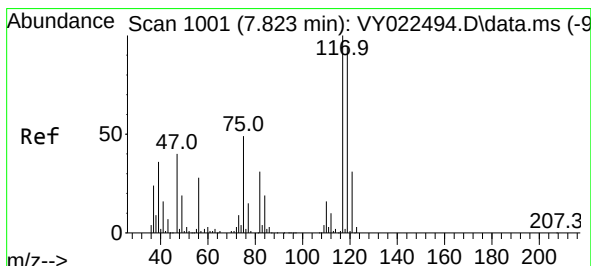
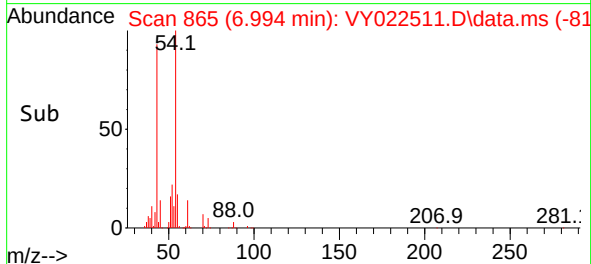
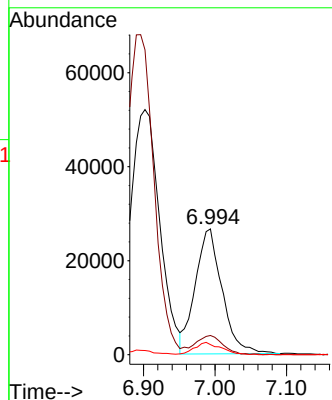
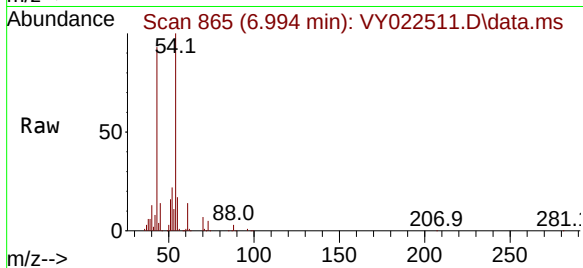
Tgt Ion: 43 Resp: 69356

Ion Ratio Lower Upper

43 100

61 14.9 11.5 17.3

70 9.7 7.2 10.8



#38

Carbon Tetrachloride

Concen: 48.960 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

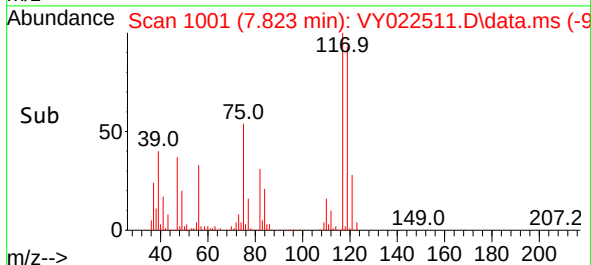
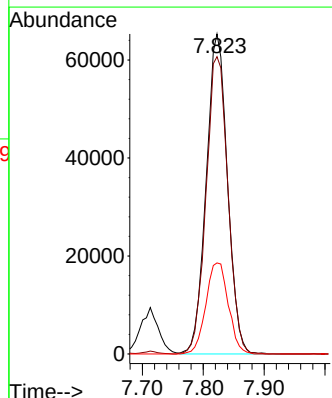
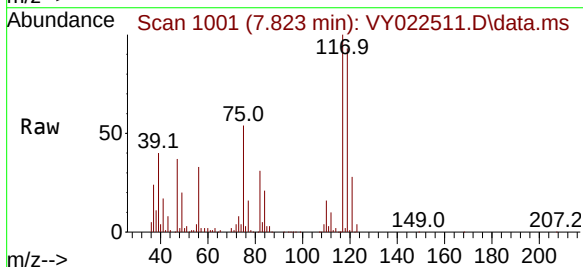
Tgt Ion: 117 Resp: 158278

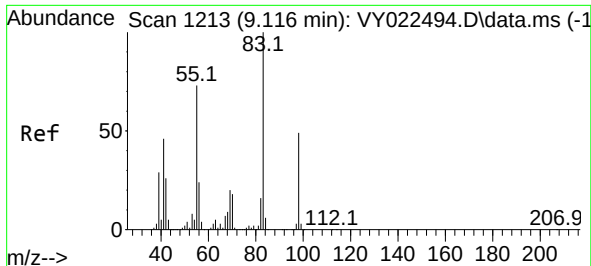
Ion Ratio Lower Upper

117 100

119 92.9 75.0 112.6

121 28.4 25.0 37.4





#39

Methylcyclohexane

Concen: 47.312 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

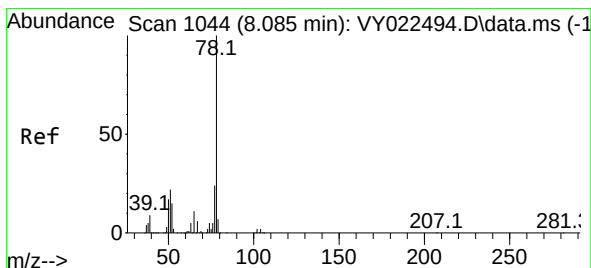
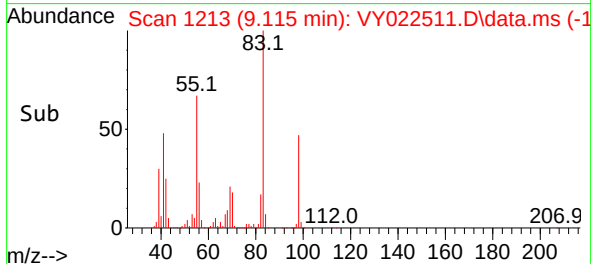
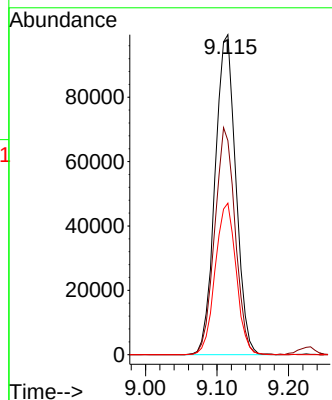
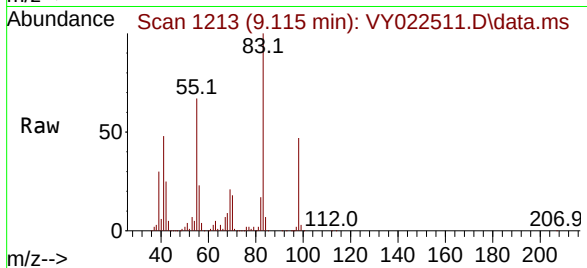
Tgt Ion: 83 Resp: 200361

Ion Ratio Lower Upper

83 100

55 66.9 58.1 87.1

98 47.3 39.0 58.6



#40

Benzene

Concen: 50.204 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.001 min

Lab File: VY022511.D

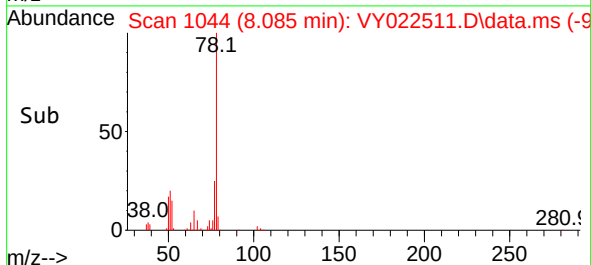
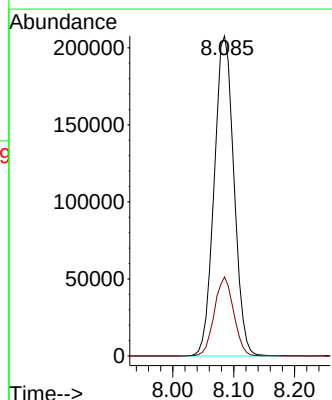
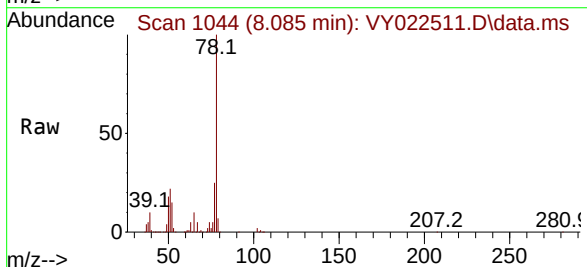
Acq: 03 Jun 2025 10:03

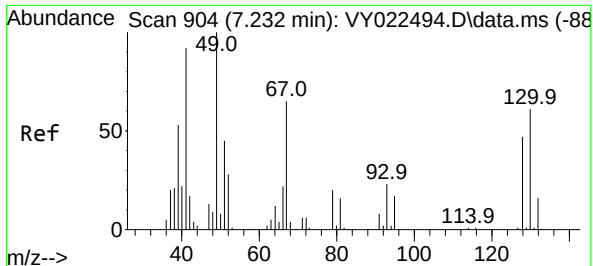
Tgt Ion: 78 Resp: 467282

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9



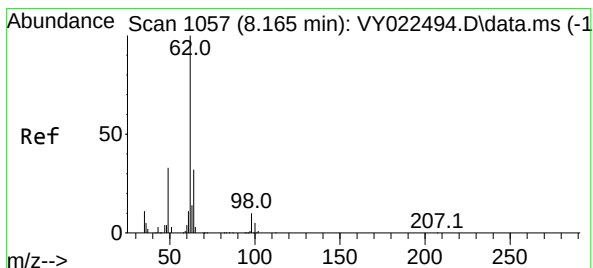
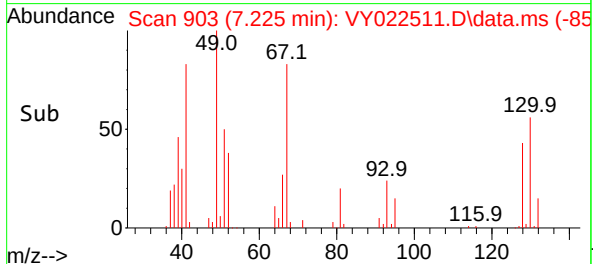
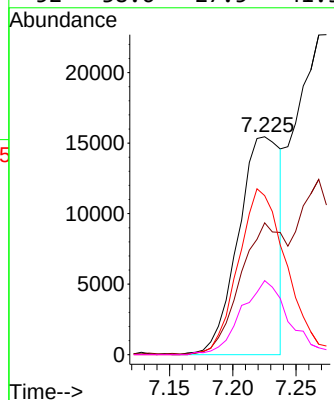
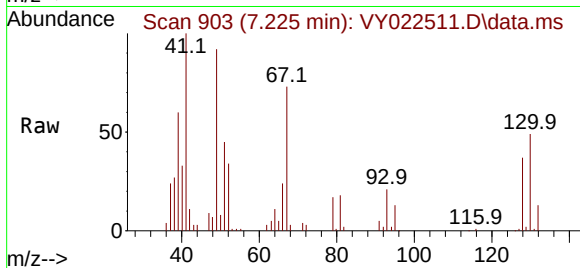


#41
Methacrylonitrile
Concen: 43.686 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 35860

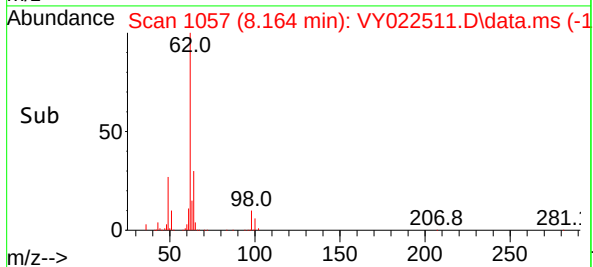
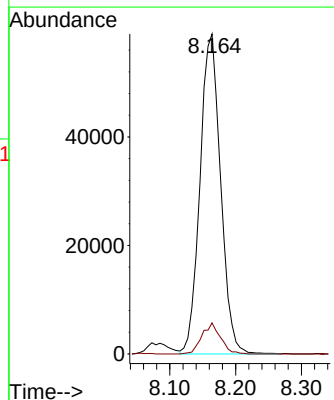
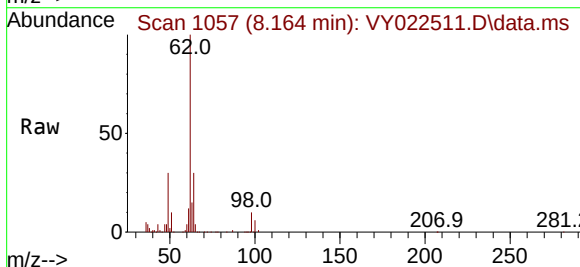
Ion	Ratio	Lower	Upper
41	100		
39	64.7	46.6	69.8
67	87.6	63.3	94.9
52	38.6	27.5	41.3

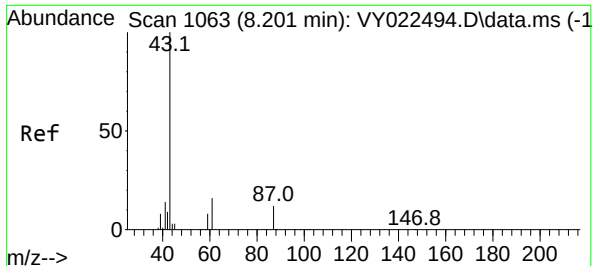


#42
1,2-Dichloroethane
Concen: 50.581 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 62 Resp: 128548

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2

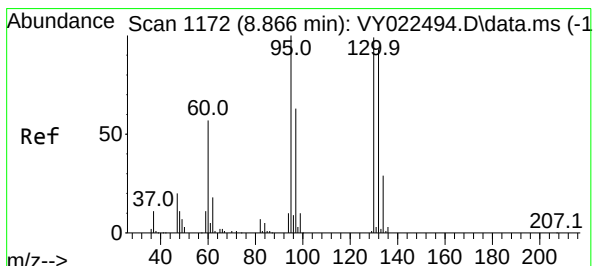
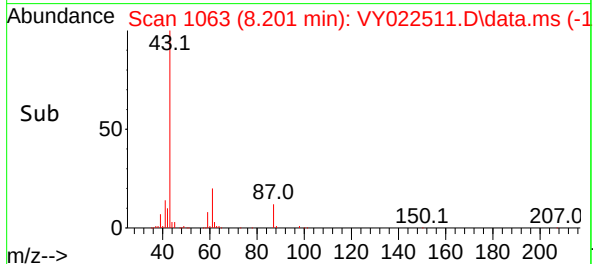
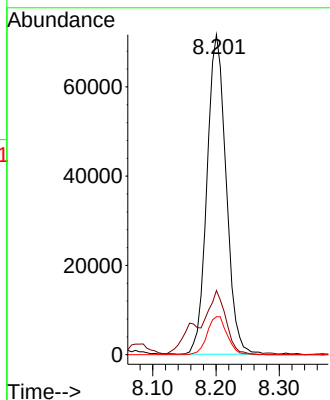
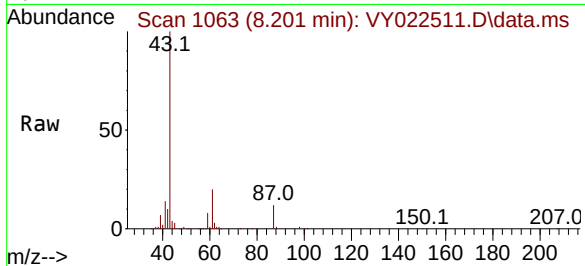




#43
Isopropyl Acetate
Concen: 49.510 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

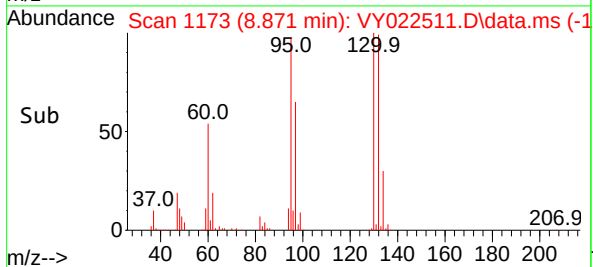
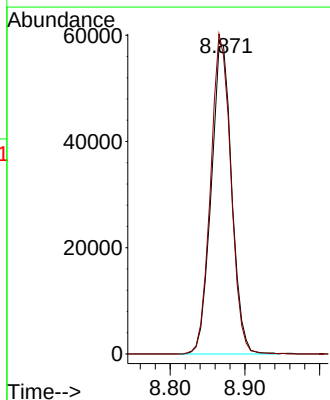
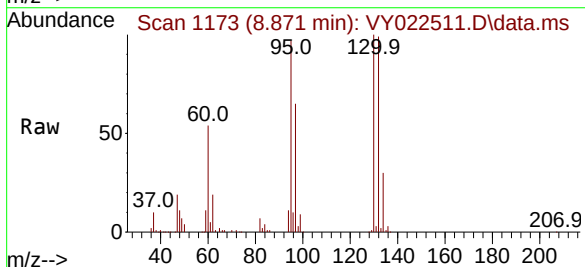
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

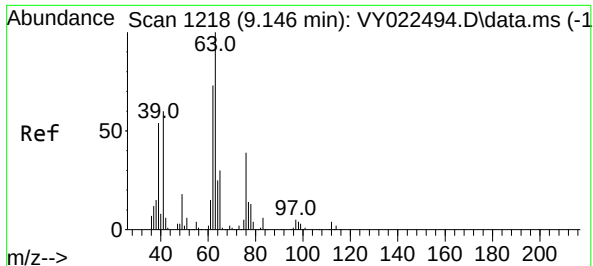
Tgt Ion: 43 Resp: 150269
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4
87 12.4 10.2 15.4



#44
Trichloroethene
Concen: 49.009 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:130 Resp: 111488
Ion Ratio Lower Upper
130 100
95 96.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 50.749 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

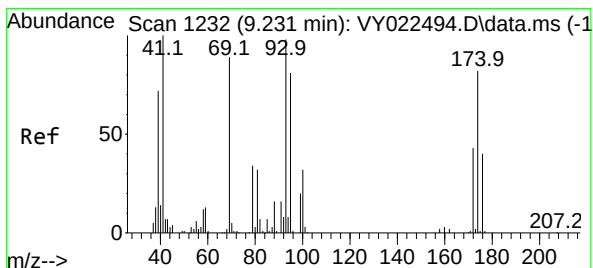
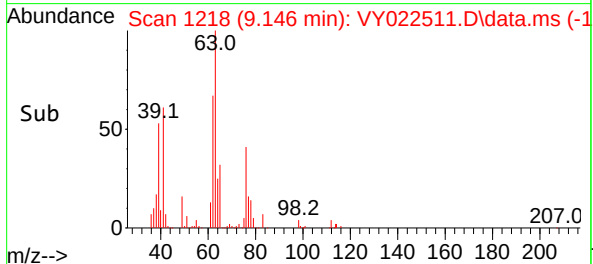
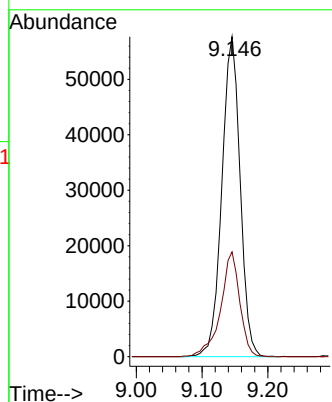
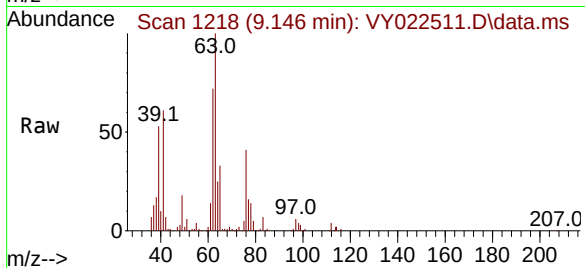
VSTDCCC050

Tgt Ion: 63 Resp: 111633

Ion Ratio Lower Upper

63 100

65 32.8 24.0 36.0



#46

Dibromomethane

Concen: 50.378 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

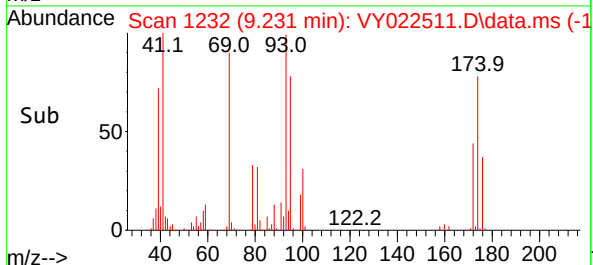
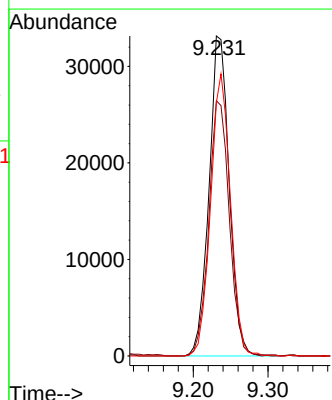
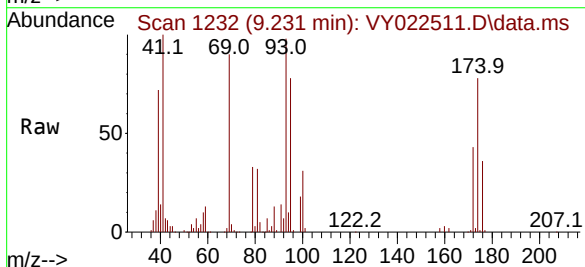
Tgt Ion: 93 Resp: 62344

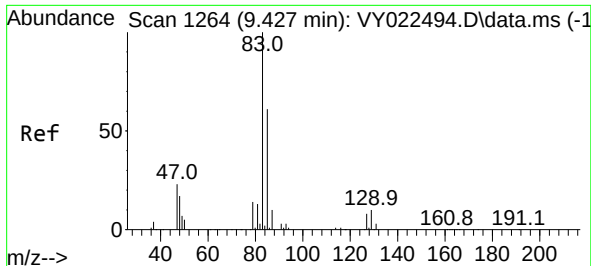
Ion Ratio Lower Upper

93 100

95 81.0 65.6 98.4

174 86.7 70.4 105.6

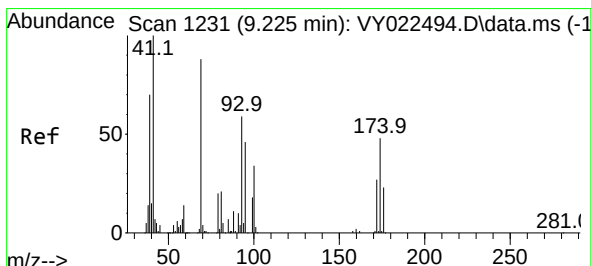
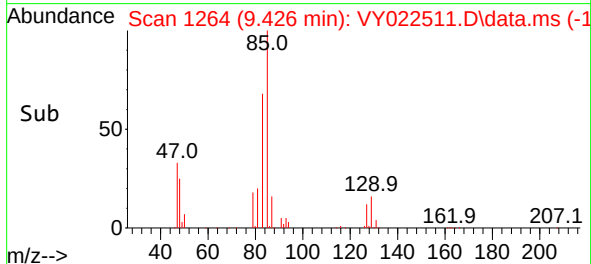
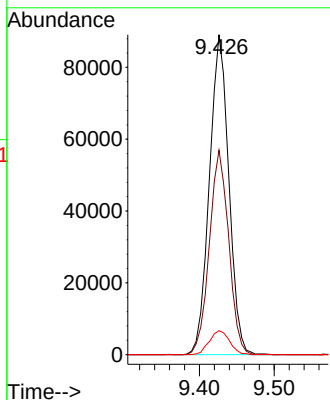
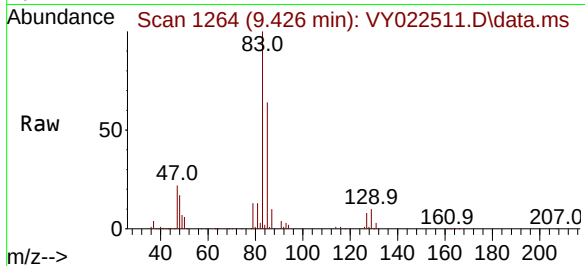




#47
Bromodichloromethane
Concen: 51.199 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

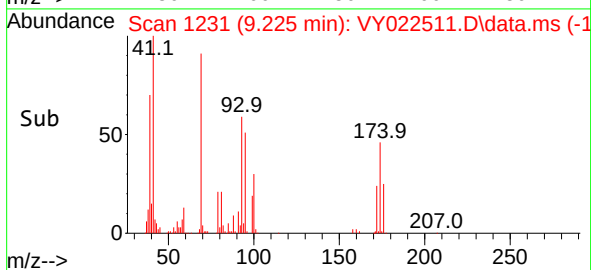
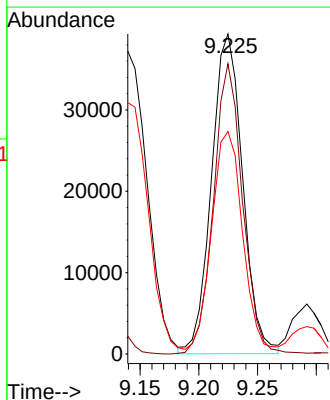
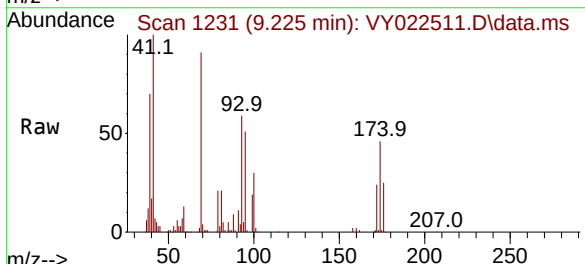
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

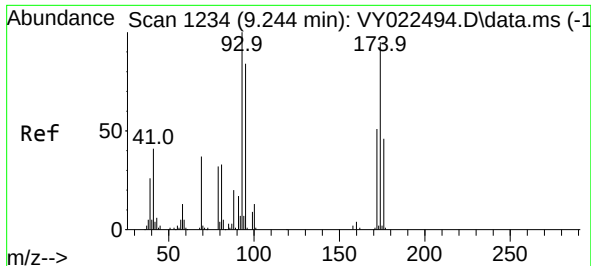
Tgt Ion: 83 Resp: 160659
Ion Ratio Lower Upper
83 100
85 63.9 49.1 73.7
127 7.5 6.2 9.4



#48
Methyl methacrylate
Concen: 50.927 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 41 Resp: 72544
Ion Ratio Lower Upper
41 100
69 84.7 67.8 101.8
39 67.1 55.0 82.4





#49

1,4-Dioxane

Concen: 943.857 ug/l

RT: 9.243 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

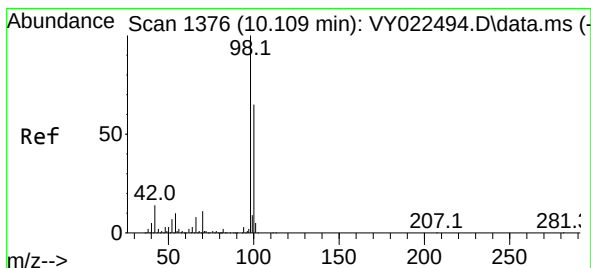
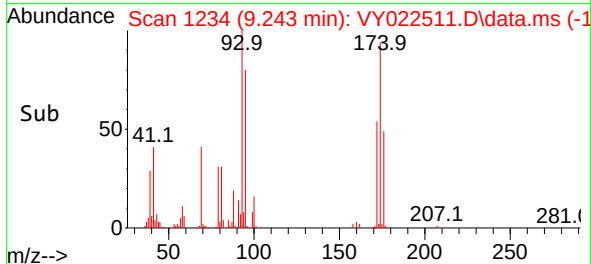
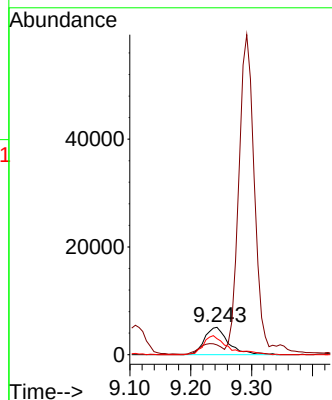
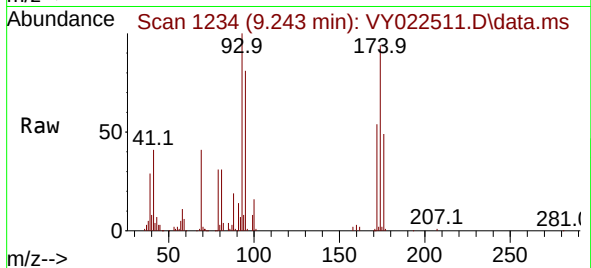
Tgt Ion: 88 Resp: 13838

Ion Ratio Lower Upper

88 100

43 35.1 25.4 38.2

58 71.1 54.9 82.3



#50

Toluene-d8

Concen: 50.750 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.001 min

Lab File: VY022511.D

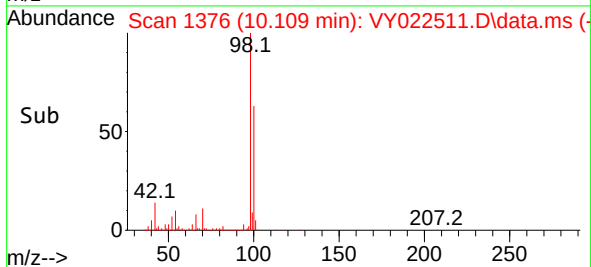
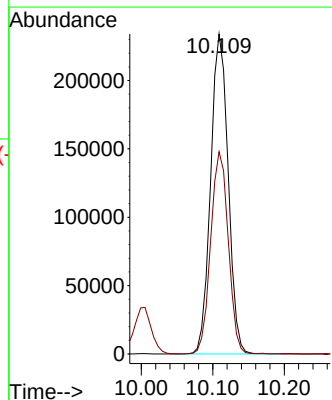
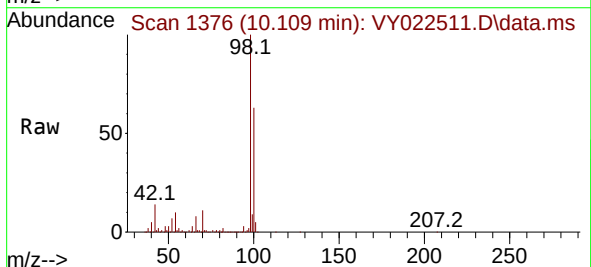
Acq: 03 Jun 2025 10:03

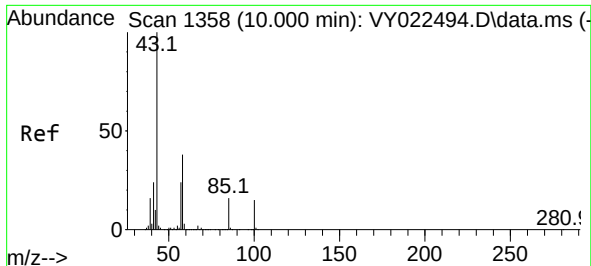
Tgt Ion: 98 Resp: 398159

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.0

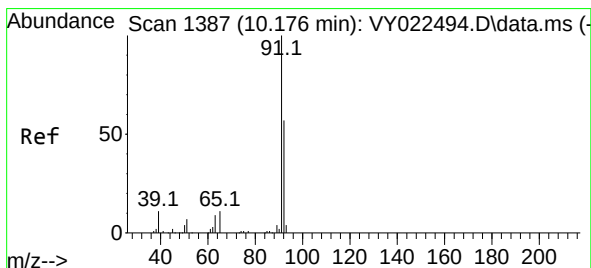
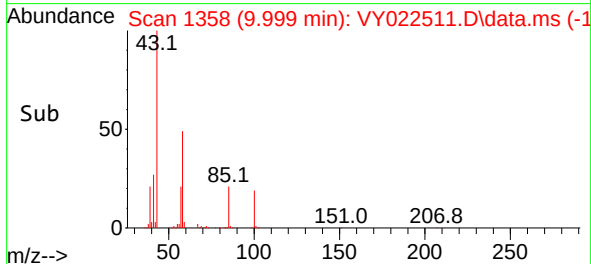
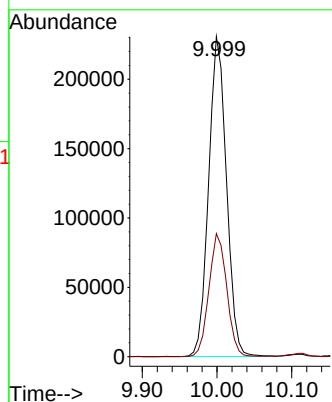
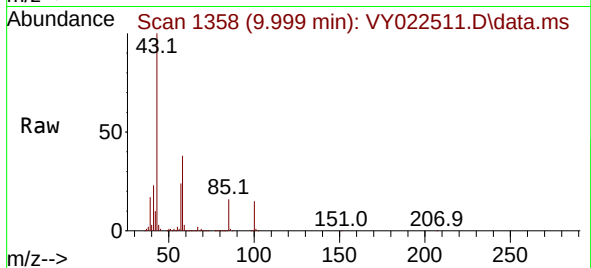




#51
4-Methyl-2-Pentanone
Concen: 253.585 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

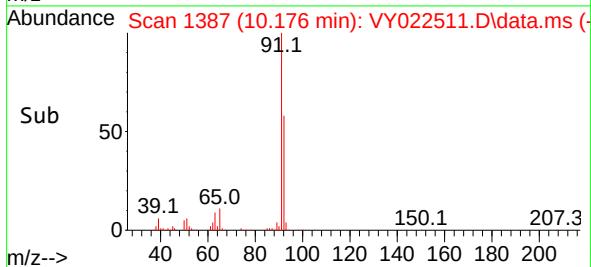
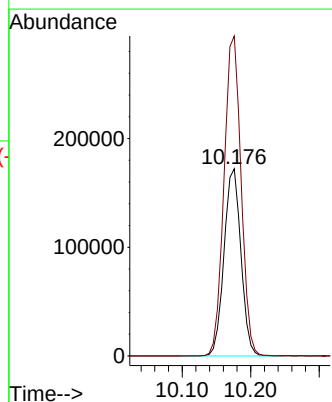
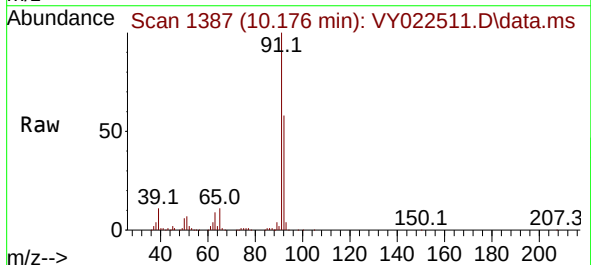
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

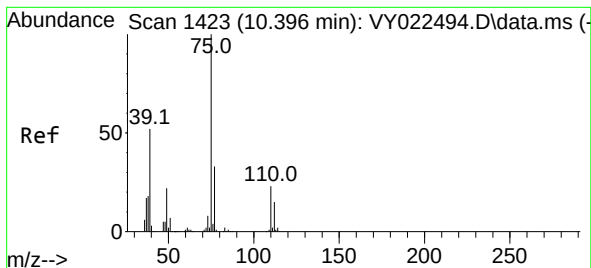
Tgt Ion: 43 Resp: 383731
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6



#52
Toluene
Concen: 50.084 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 92 Resp: 292952
Ion Ratio Lower Upper
92 100
91 173.2 139.0 208.4

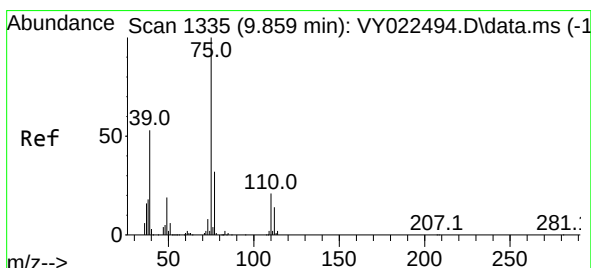
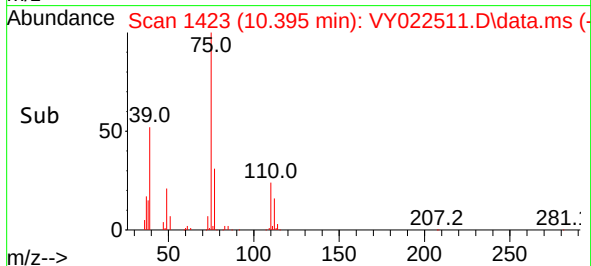
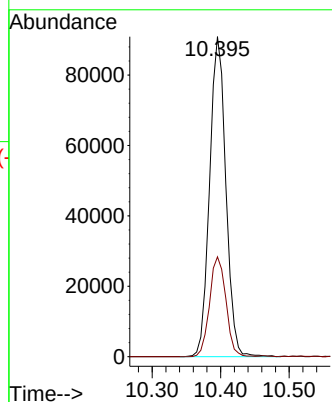
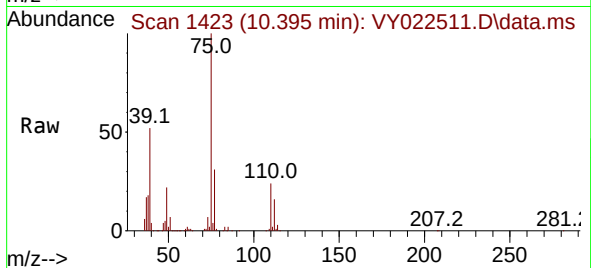




#53
t-1,3-Dichloropropene
Concen: 50.914 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

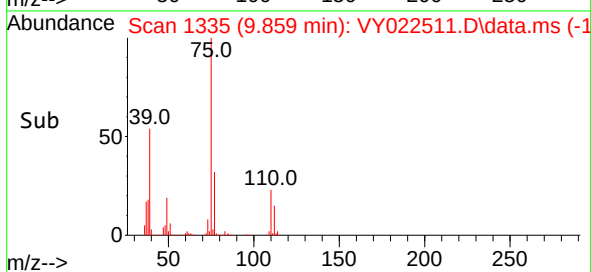
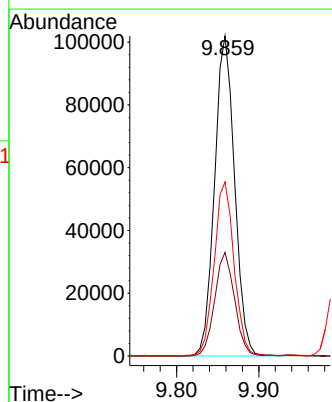
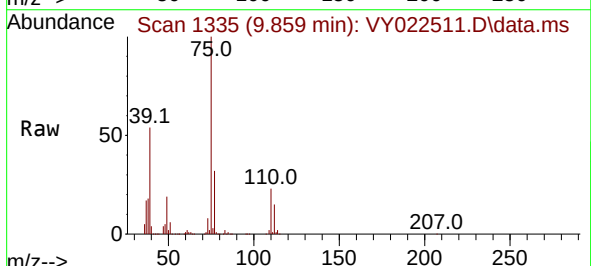
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

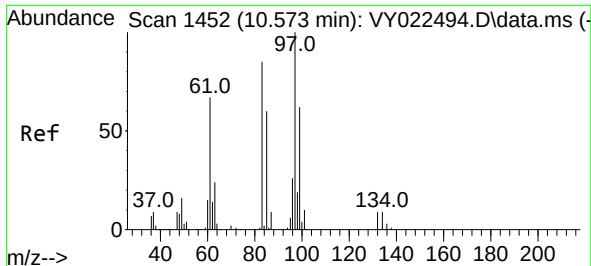
Tgt Ion: 75 Resp: 149694
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 50.428 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 172592
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 54.4 42.7 64.1

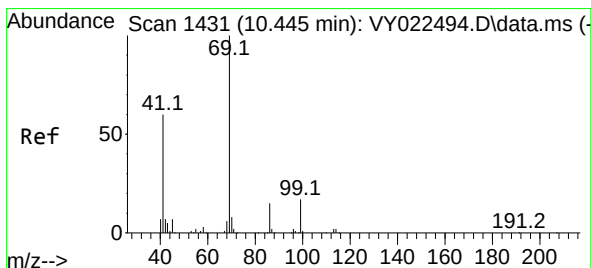
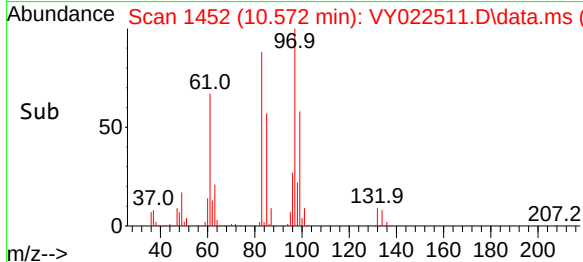
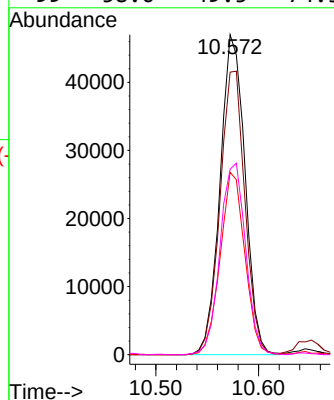
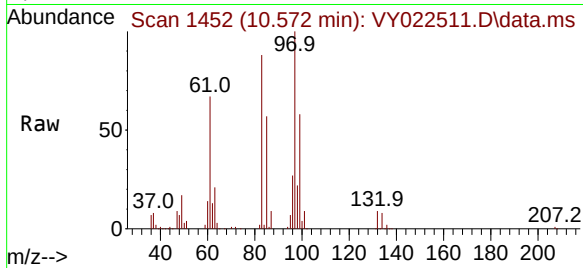




#55
1,1,2-Trichloroethane
Concen: 50.121 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

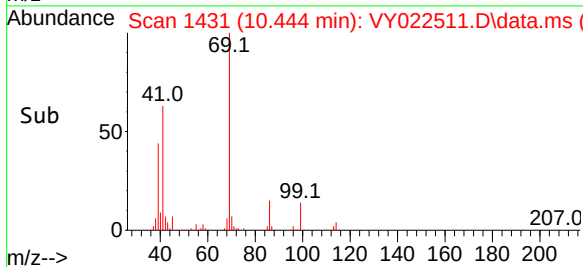
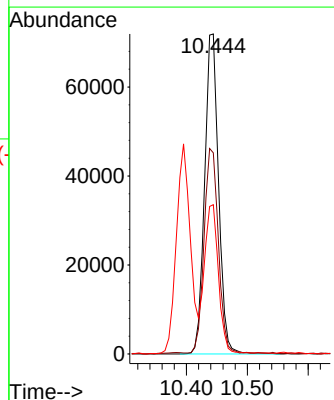
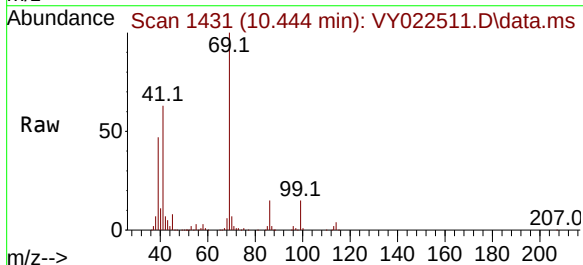
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

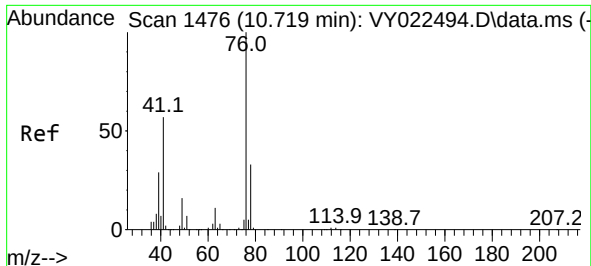
Tgt Ion: 97	Resp: 79092
Ion Ratio	Lower Upper
97 100	
83 88.3	68.1 102.1
85 57.0	48.2 72.2
99 58.0	49.5 74.3



#56
Ethyl methacrylate
Concen: 50.203 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 69	Resp: 114501
Ion Ratio	Lower Upper
69 100	
41 65.5	52.2 78.2
39 46.7	36.7 55.1





#57

1,3-Dichloropropane

Concen: 49.900 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

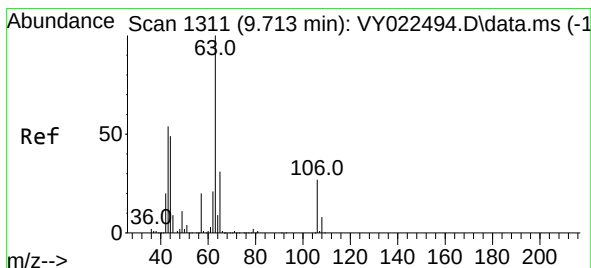
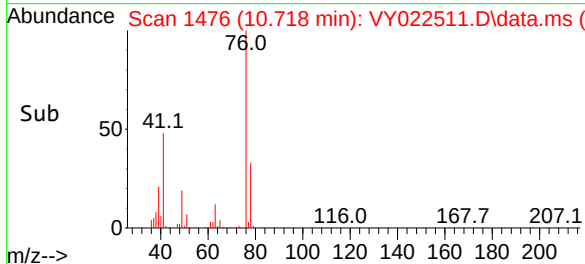
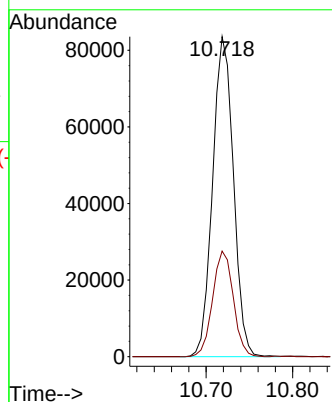
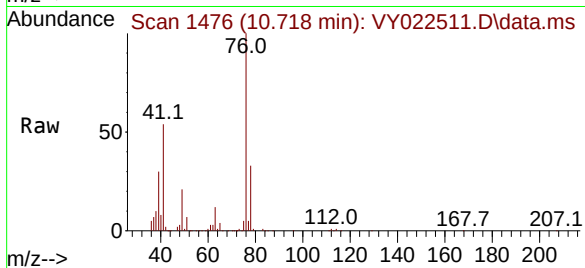
VSTDCCC050

Tgt Ion: 76 Resp: 139564

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 269.440 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.001 min

Lab File: VY022511.D

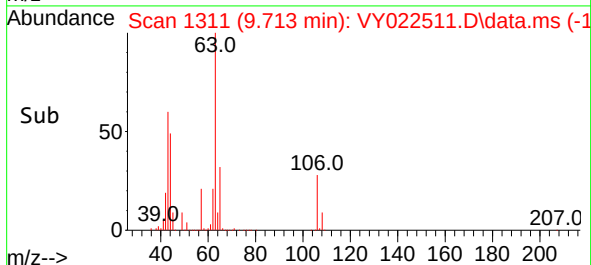
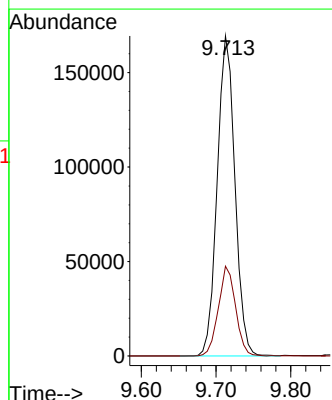
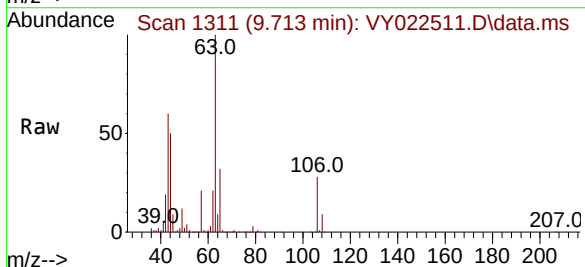
Acq: 03 Jun 2025 10:03

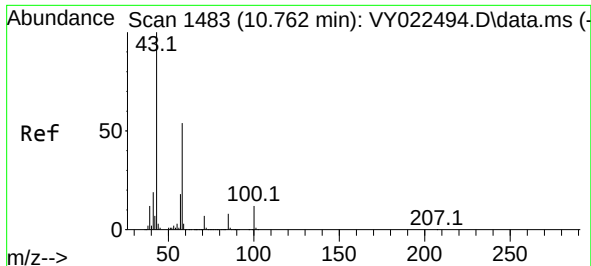
Tgt Ion: 63 Resp: 279007

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4





#59

2-Hexanone

Concen: 248.499 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

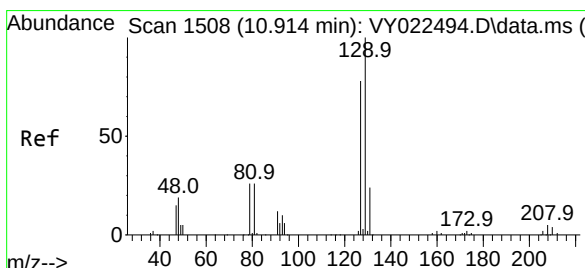
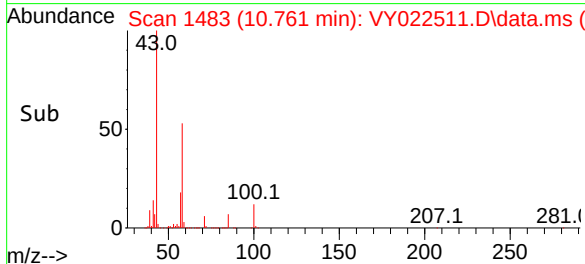
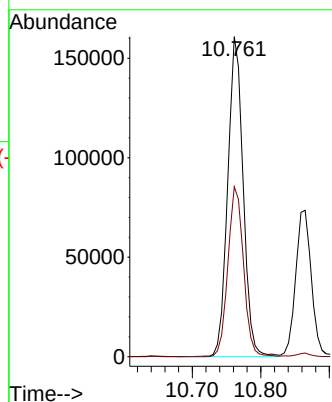
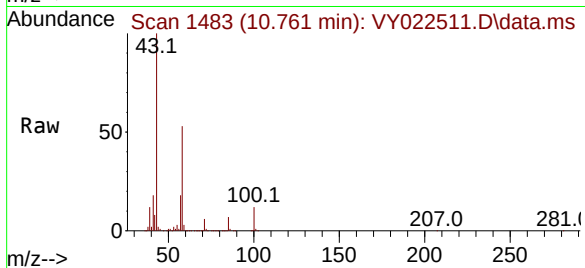
VSTDCCC050

Tgt Ion: 43 Resp: 251489

Ion Ratio Lower Upper

43 100

58 53.5 27.3 81.8



#60

Dibromochloromethane

Concen: 50.578 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.001 min

Lab File: VY022511.D

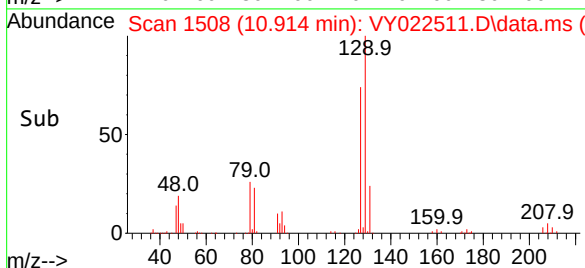
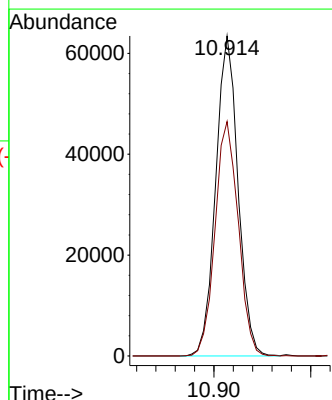
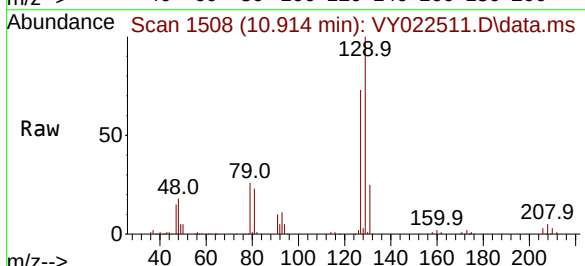
Acq: 03 Jun 2025 10:03

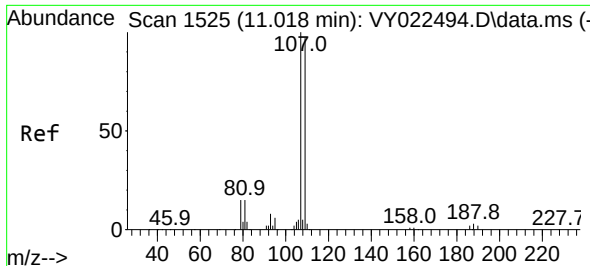
Tgt Ion:129 Resp: 101429

Ion Ratio Lower Upper

129 100

127 76.3 39.1 117.2

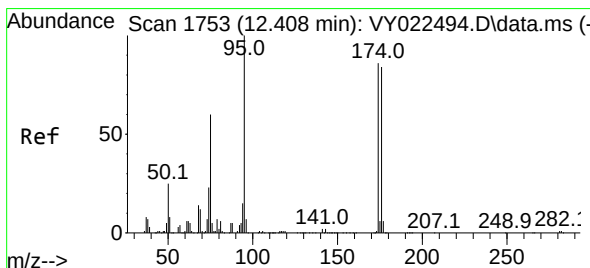
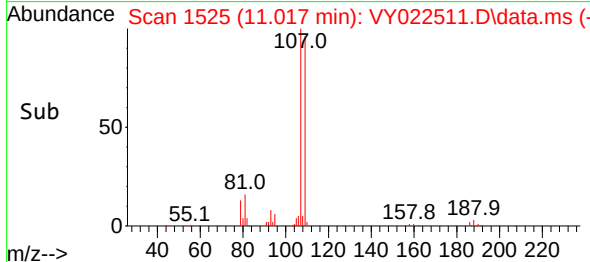
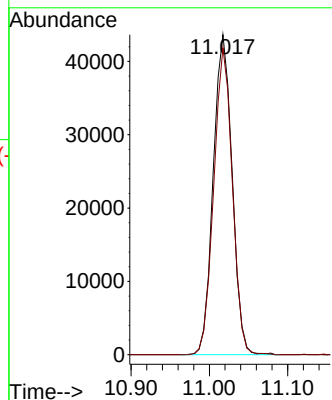
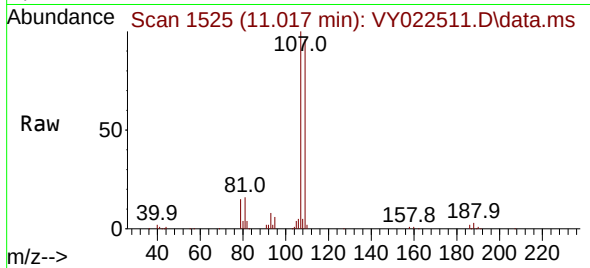




#61
1,2-Dibromoethane
Concen: 50.829 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

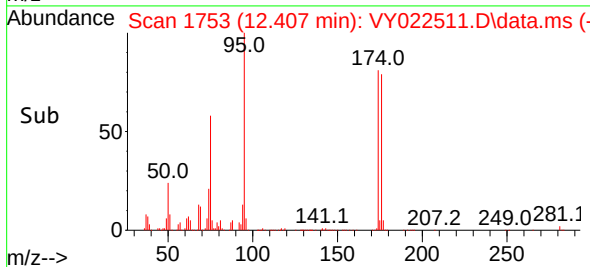
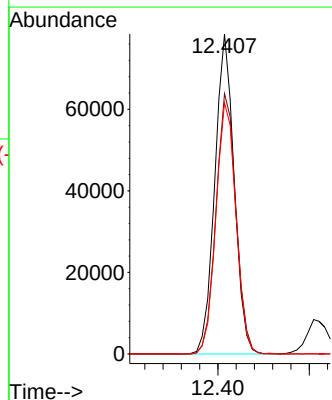
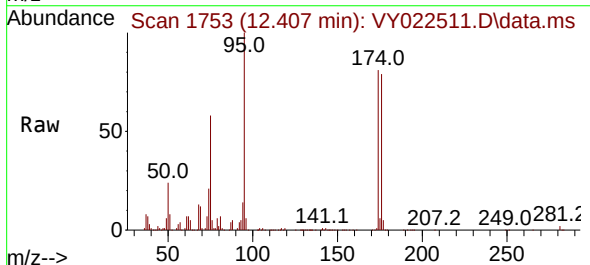
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

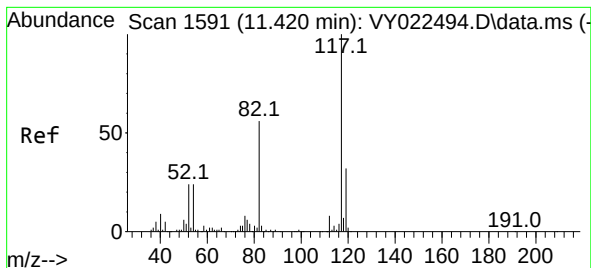
Tgt Ion:107 Resp: 73106
Ion Ratio Lower Upper
107 100
109 94.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.265 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 95 Resp: 115160
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.0
176 81.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

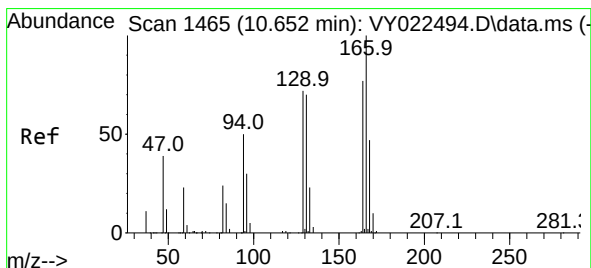
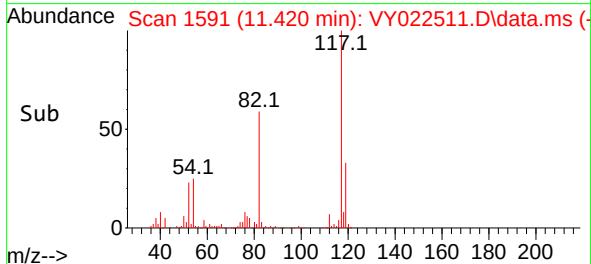
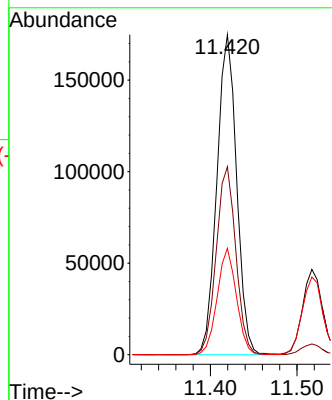
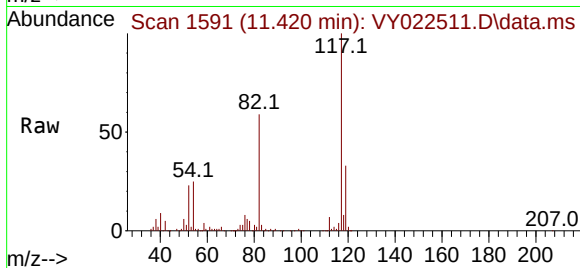
Tgt Ion:117 Resp: 276655

Ion Ratio Lower Upper

117 100

82 58.8 44.6 66.8

119 33.2 25.4 38.0



#64

Tetrachloroethene

Concen: 49.032 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Tgt Ion:164 Resp: 116688

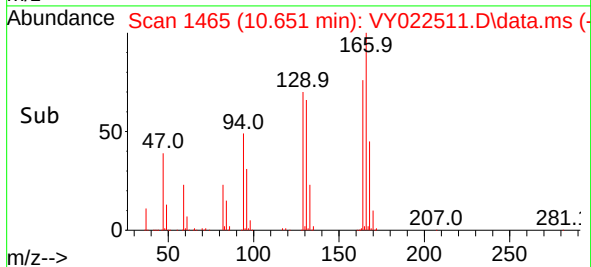
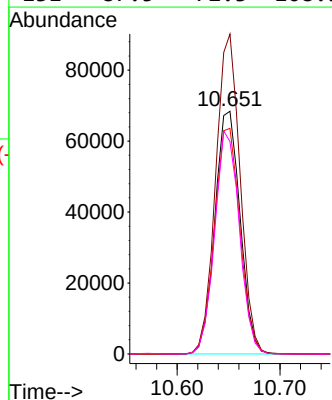
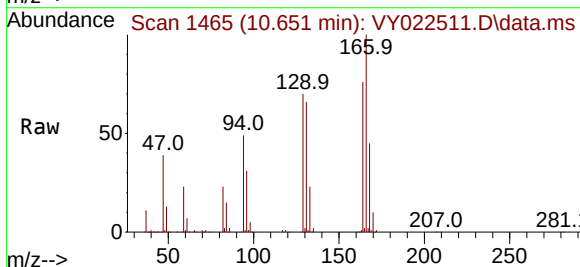
Ion Ratio Lower Upper

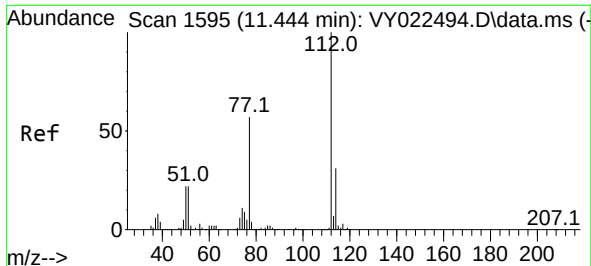
164 100

166 131.9 104.0 156.0

129 92.9 74.5 111.7

131 87.5 72.3 108.5

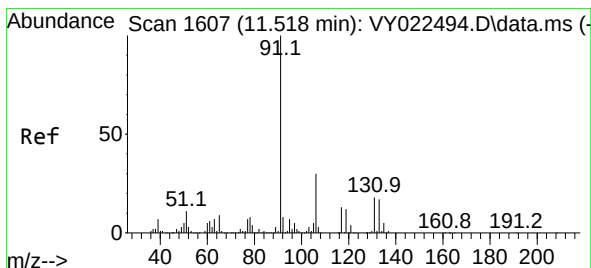
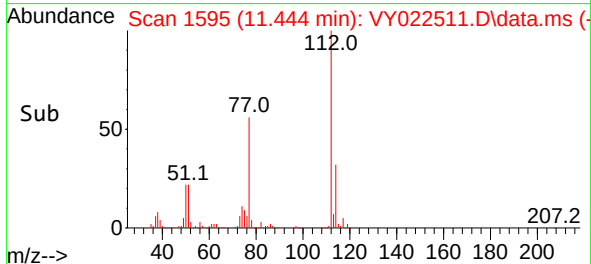
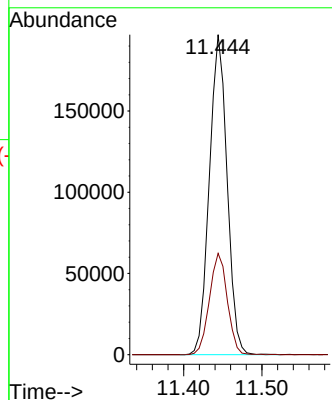
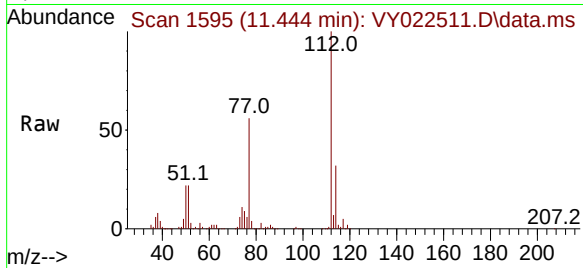




#65
Chlorobenzene
Concen: 50.500 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

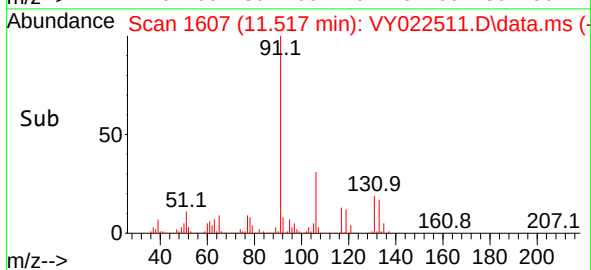
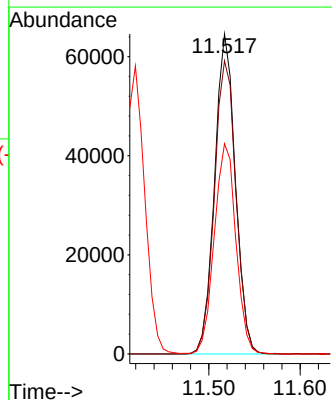
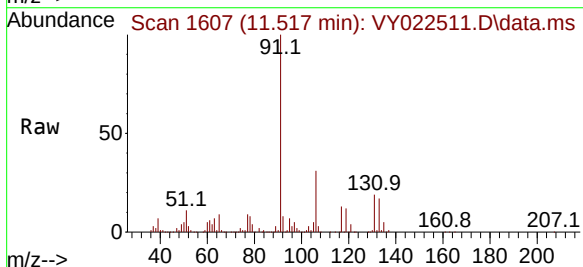
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

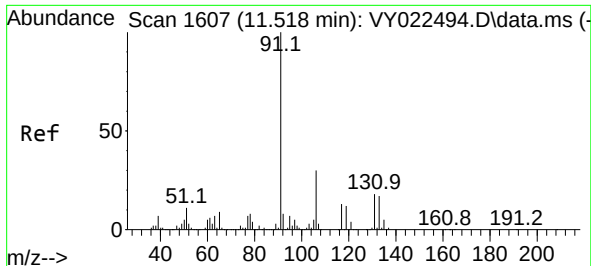
Tgt Ion:112 Resp: 309162
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.530 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:131 Resp: 102149
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 68.4 33.1 99.3





#67

Ethyl Benzene

Concen: 50.175 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

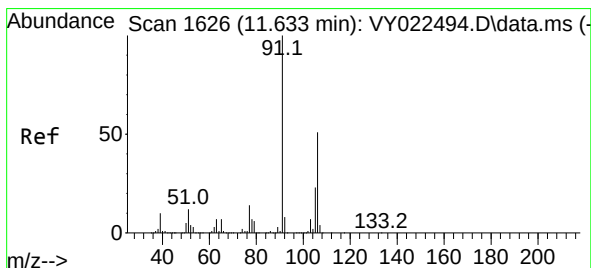
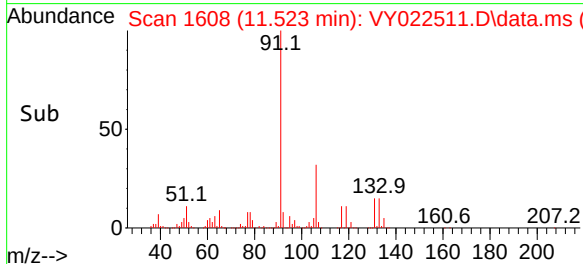
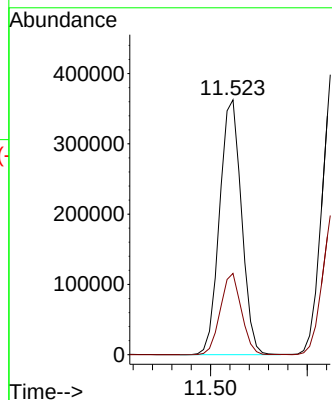
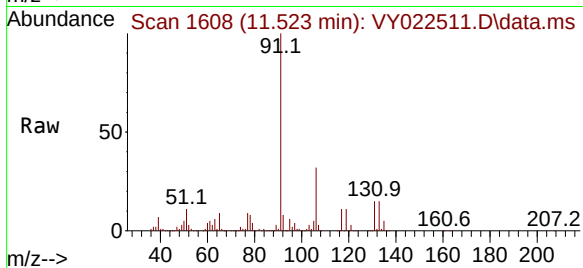
VSTDCCC050

Tgt Ion: 91 Resp: 569736

Ion Ratio Lower Upper

91 100

106 31.9 24.2 36.4



#68

m/p-Xylenes

Concen: 98.325 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.001 min

Lab File: VY022511.D

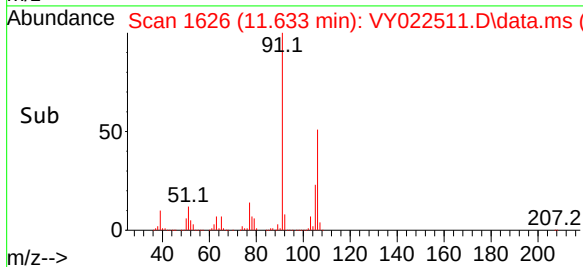
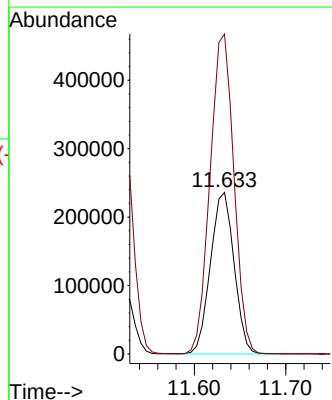
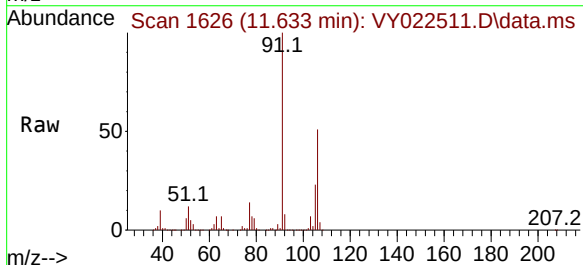
Acq: 03 Jun 2025 10:03

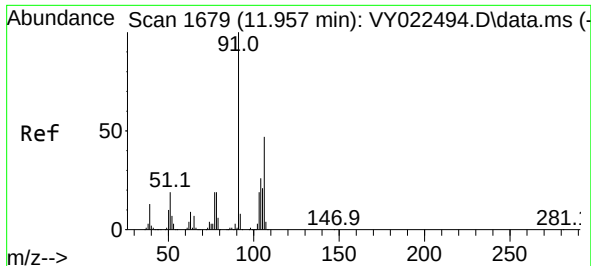
Tgt Ion:106 Resp: 423248

Ion Ratio Lower Upper

106 100

91 200.7 159.4 239.0

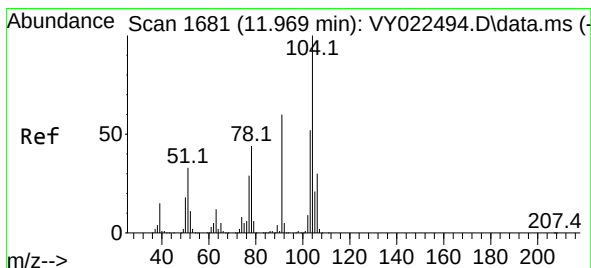
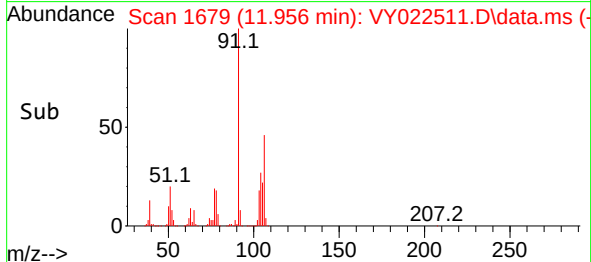
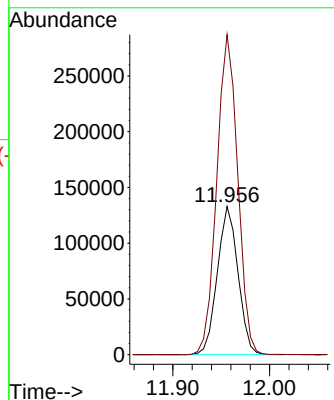
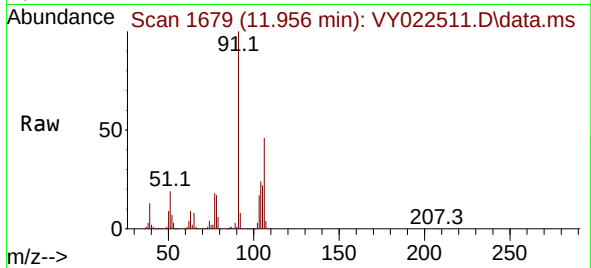




#69
o-Xylene
Concen: 48.847 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

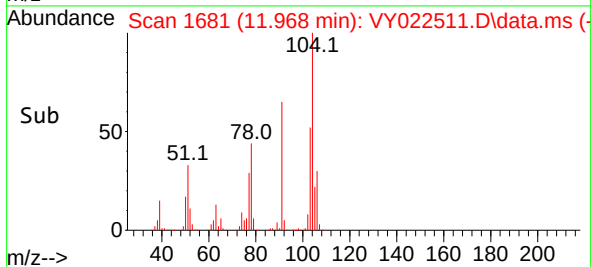
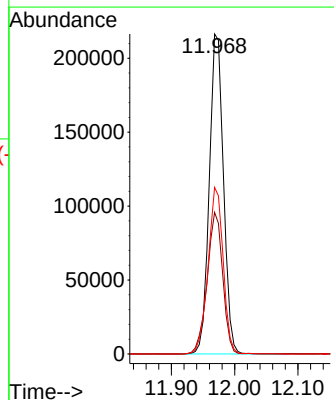
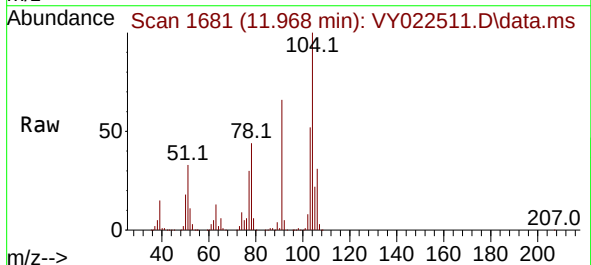
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

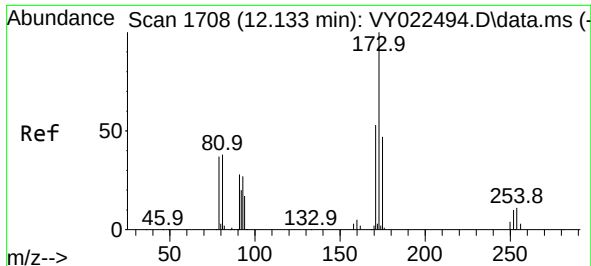
Tgt Ion:106 Resp: 197139
Ion Ratio Lower Upper
106 100
91 219.0 105.8 317.3



#70
Styrene
Concen: 50.608 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:104 Resp: 337617
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 55.8 44.1 66.1

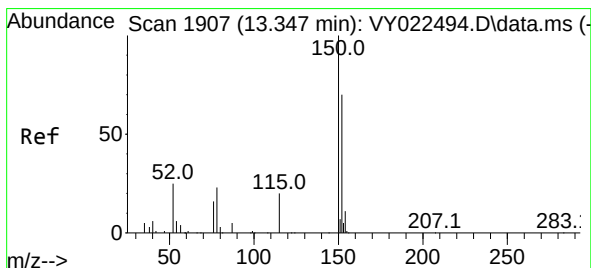
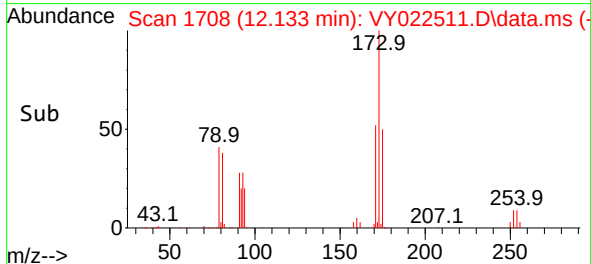
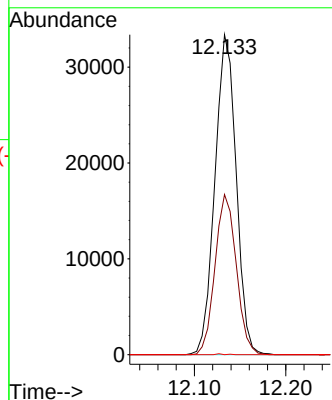
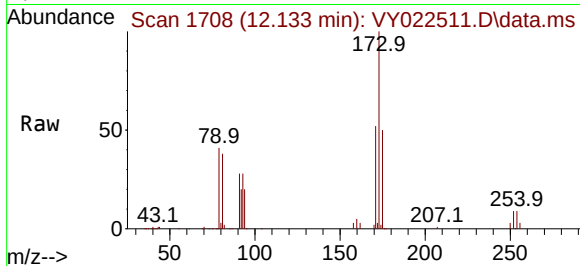




#71
Bromoform
Concen: 49.211 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

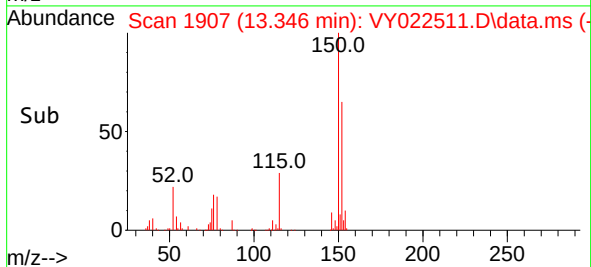
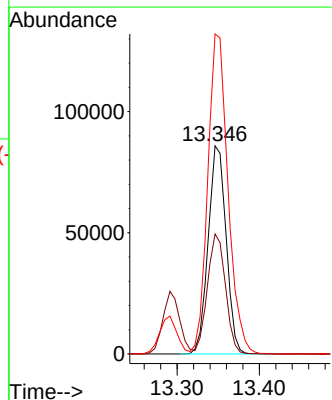
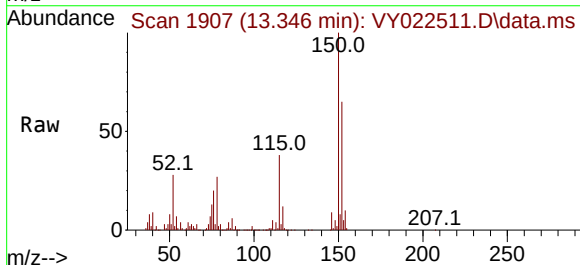
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

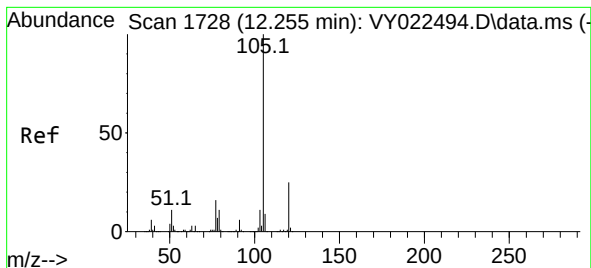
Tgt Ion:173 Resp: 54008
Ion Ratio Lower Upper
173 100
175 50.0 23.8 71.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:152 Resp: 130385
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 172.9 0.0 349.6





#73

Isopropylbenzene

Concen: 48.906 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

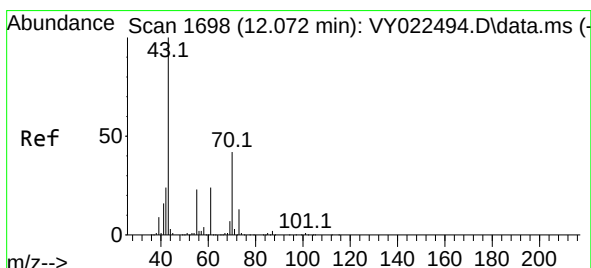
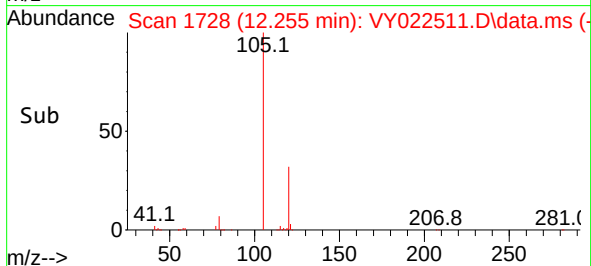
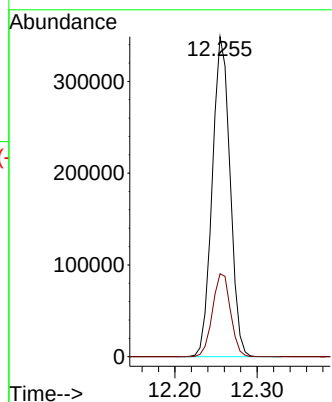
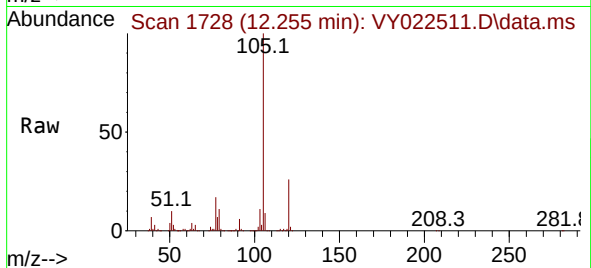
VSTDCCC050

Tgt Ion:105 Resp: 523520

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 49.739 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 134344

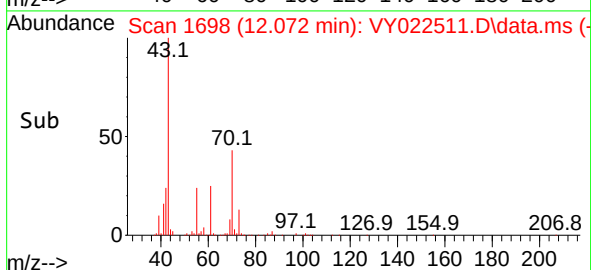
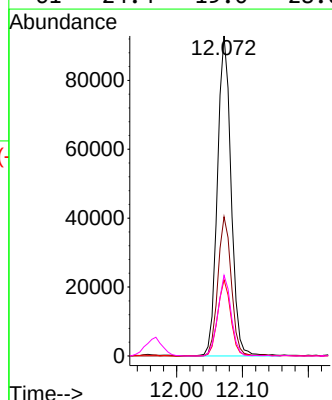
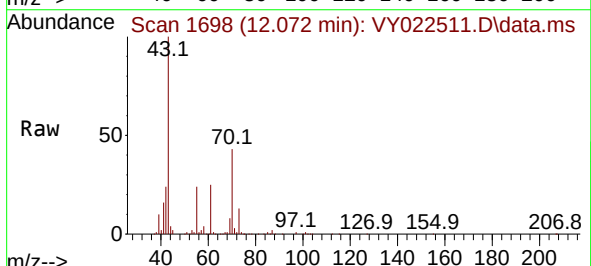
Ion Ratio Lower Upper

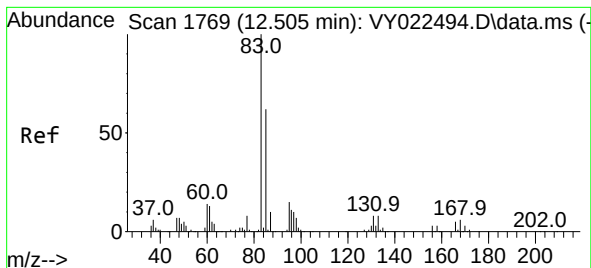
43 100

70 42.6 34.2 51.2

55 22.7 18.2 27.4

61 24.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.668 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

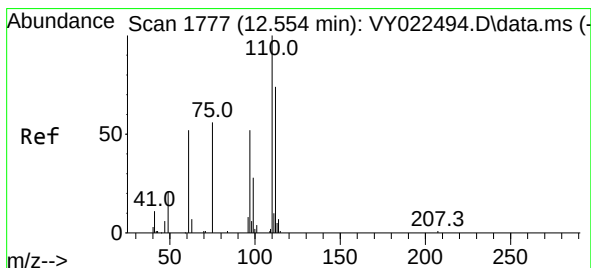
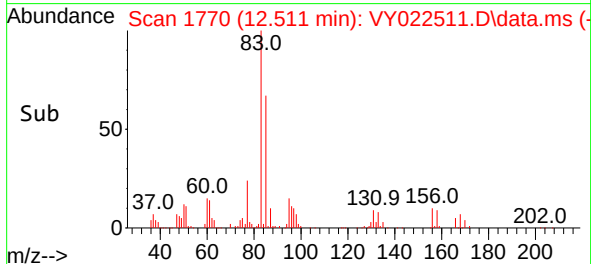
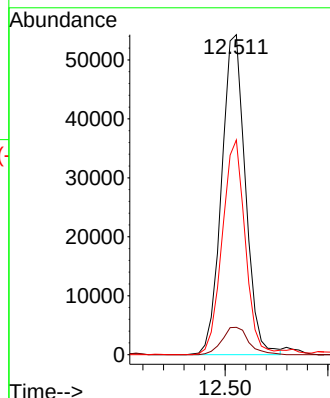
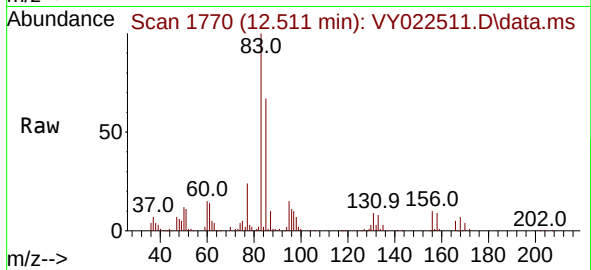
Tgt Ion: 83 Resp: 87261

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 64.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 81.550 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022511.D

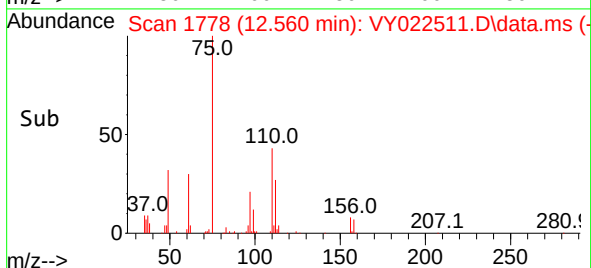
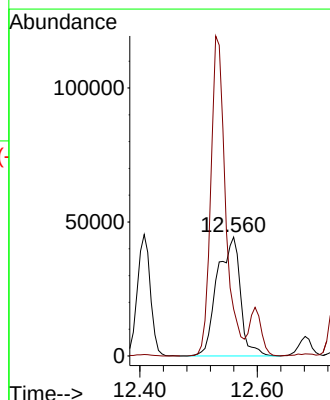
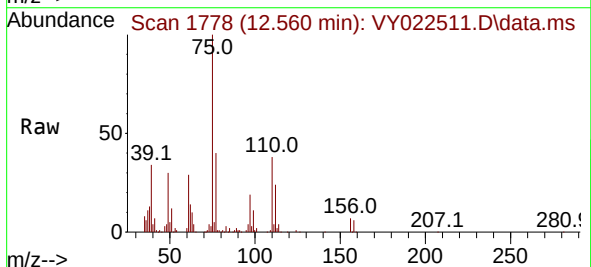
Acq: 03 Jun 2025 10:03

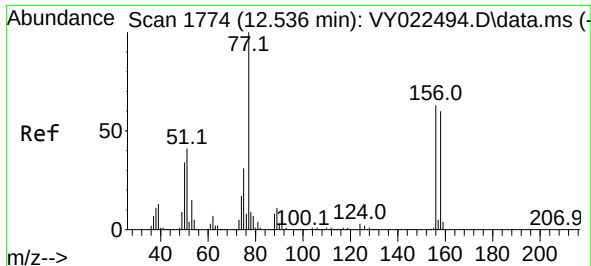
Tgt Ion: 75 Resp: 121644

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

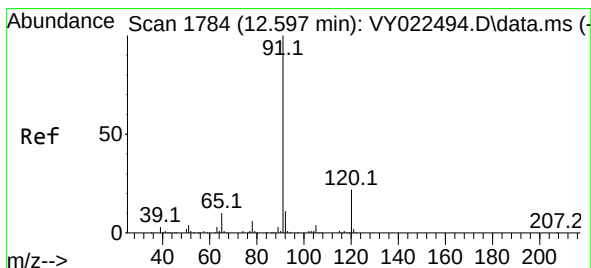
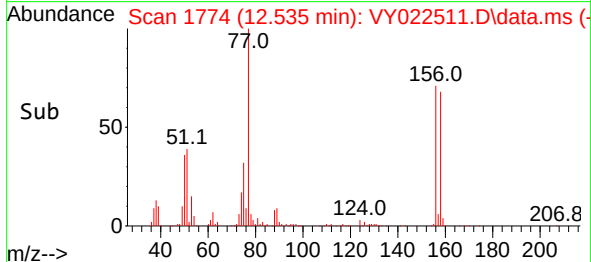
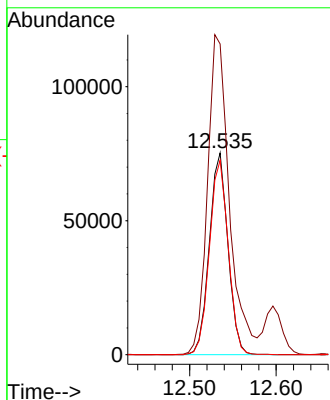
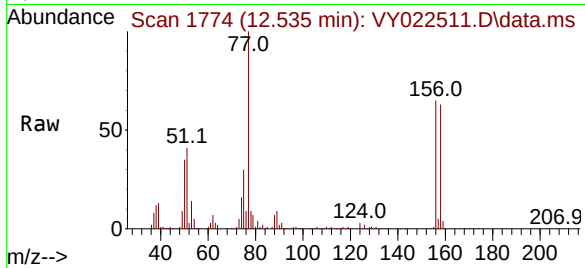




#77
Bromobenzene
Concen: 49.743 ug/l
RT: 12.535 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

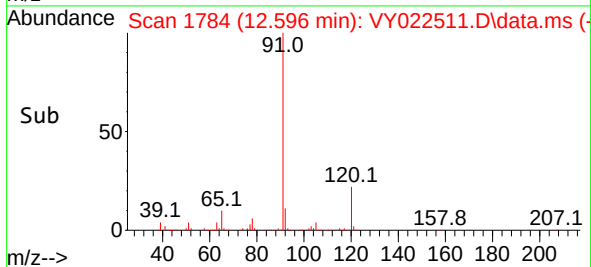
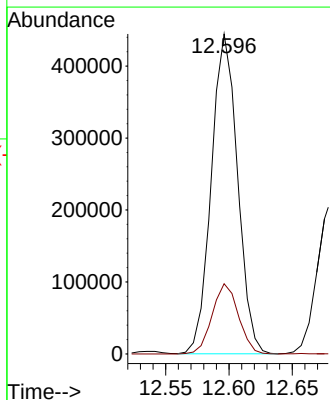
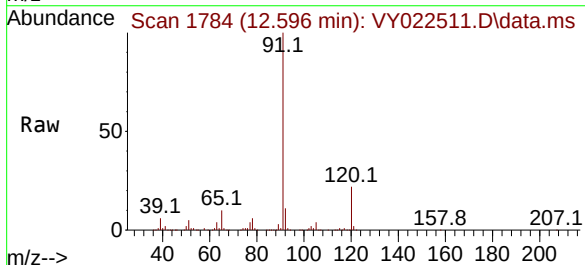
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

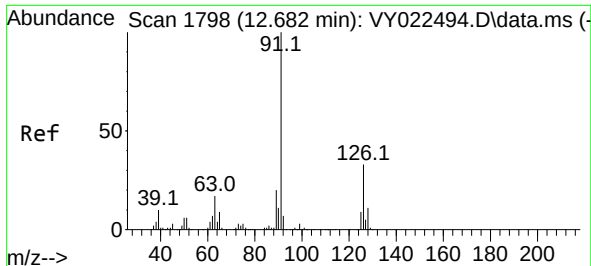
Tgt Ion:156 Resp: 112367
Ion Ratio Lower Upper
156 100
77 186.2 94.0 282.1
158 97.6 48.2 144.6



#78
n-propylbenzene
Concen: 49.060 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 641434
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4

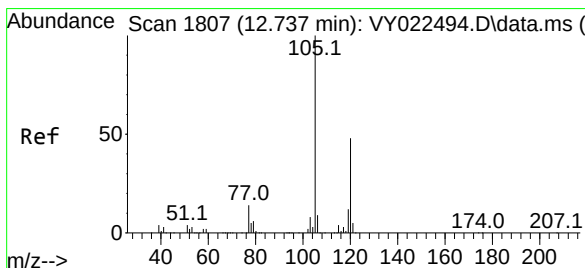
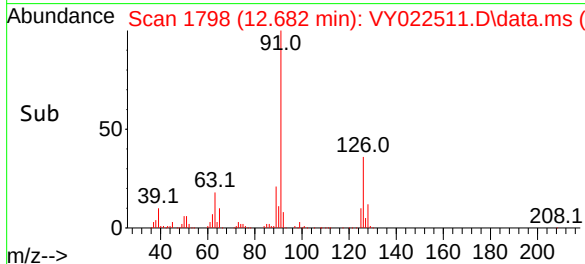
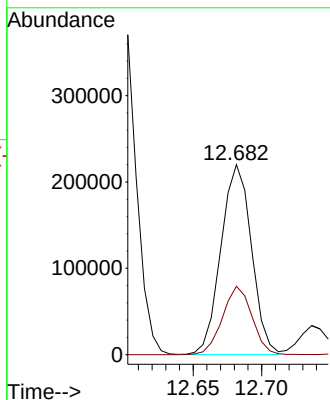
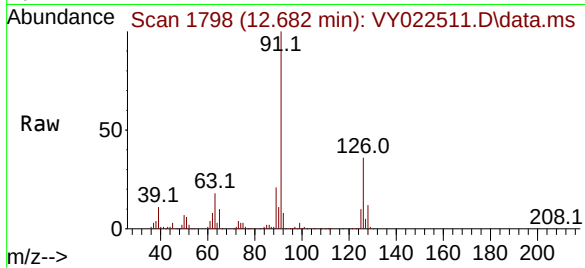




#79
2-Chlorotoluene
Concen: 49.190 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

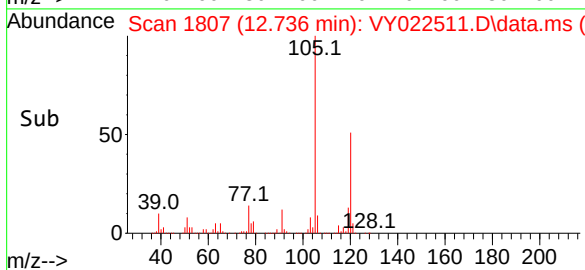
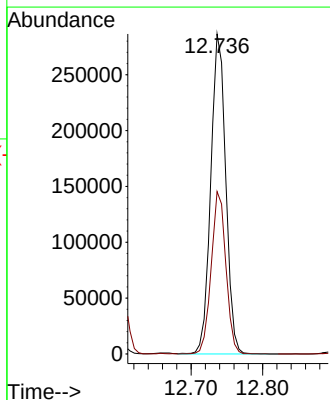
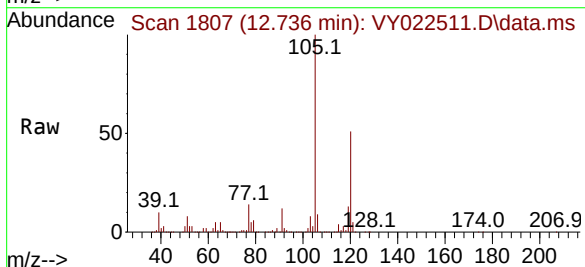
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

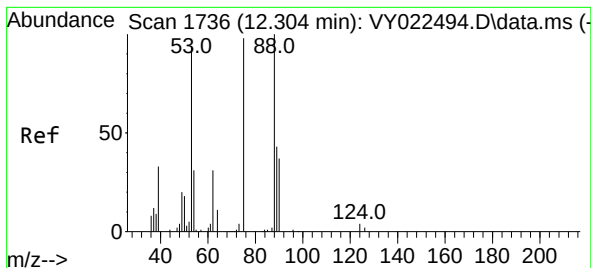
Tgt Ion: 91 Resp: 340867
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 49.521 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 105 Resp: 416181
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.4

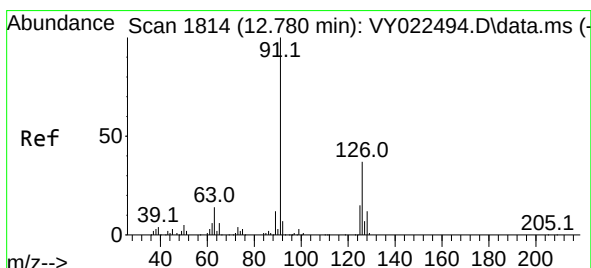
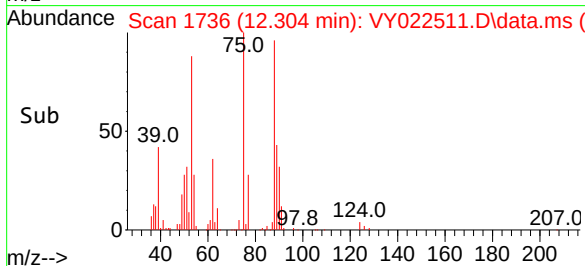
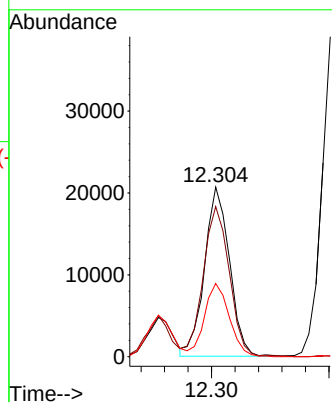
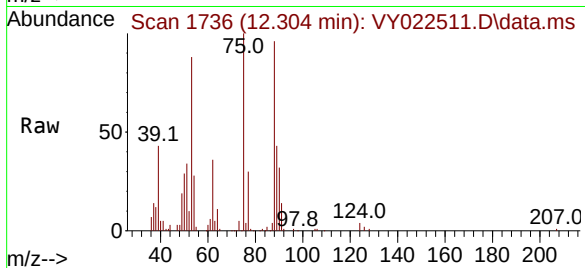




#81
trans-1,4-Dichloro-2-butene
Concen: 49.369 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

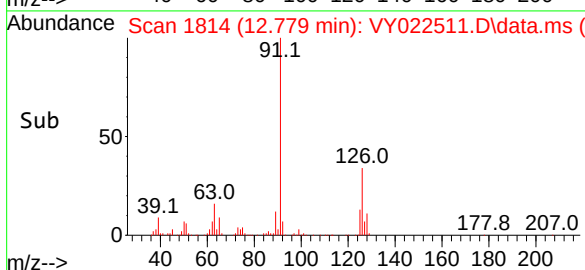
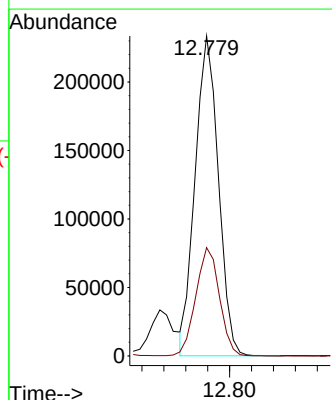
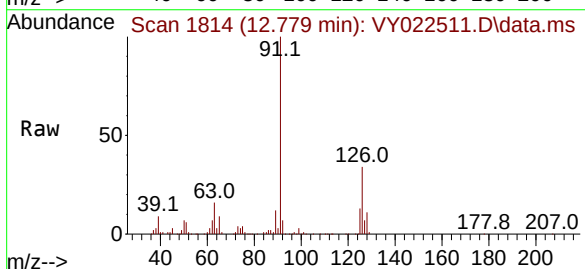
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

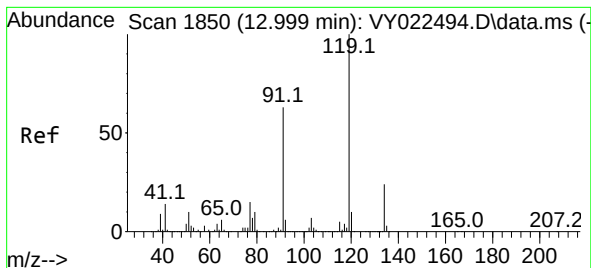
Tgt Ion: 75 Resp: 30494
Ion Ratio Lower Upper
75 100
53 93.4 78.5 117.7
89 42.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 48.038 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 343404
Ion Ratio Lower Upper
91 100
126 34.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 49.296 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

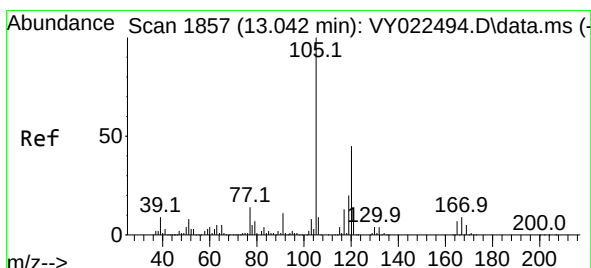
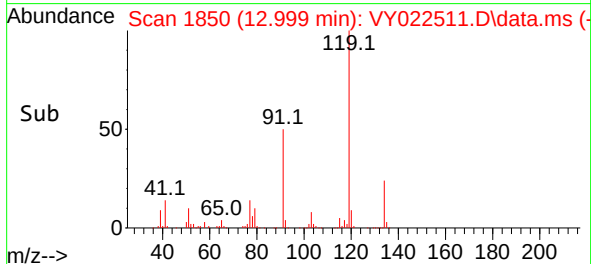
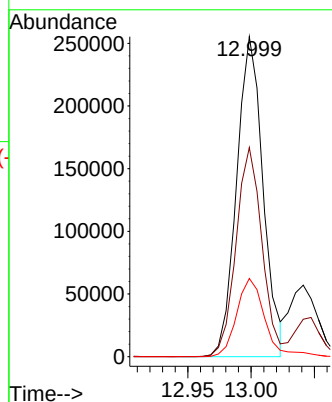
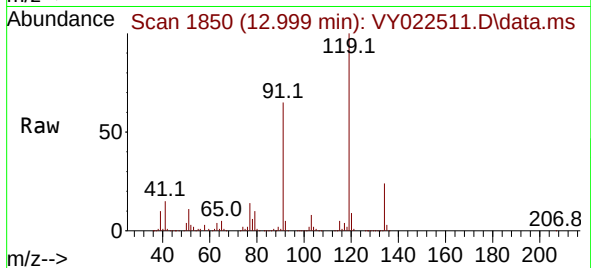
Tgt Ion:119 Resp: 371831

Ion Ratio Lower Upper

119 100

91 64.0 32.1 96.3

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.704 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022511.D

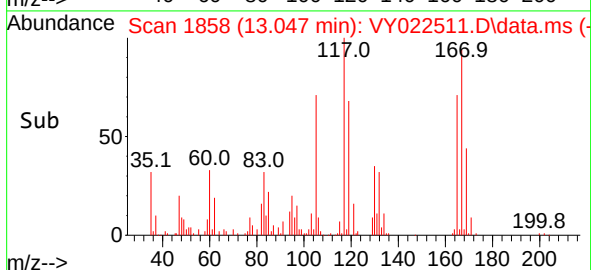
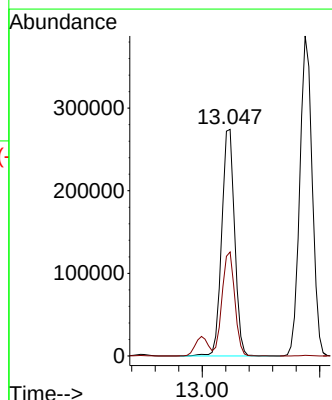
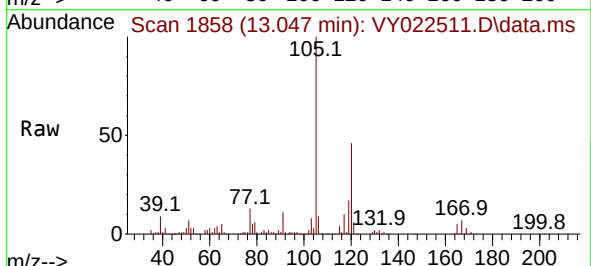
Acq: 03 Jun 2025 10:03

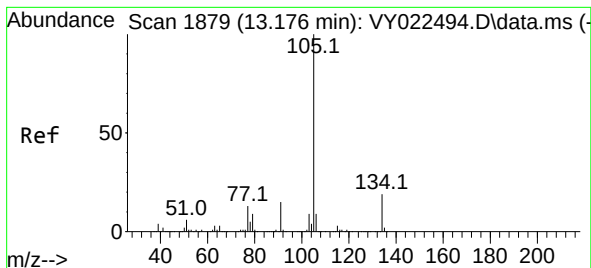
Tgt Ion:105 Resp: 417788

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.121 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

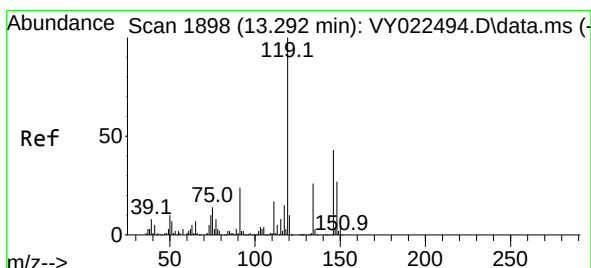
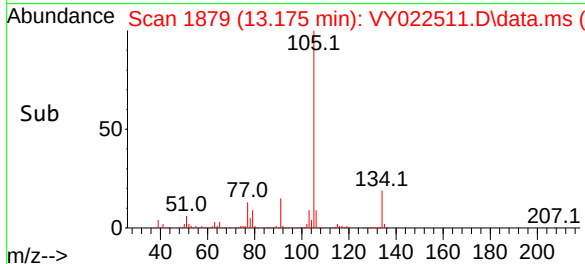
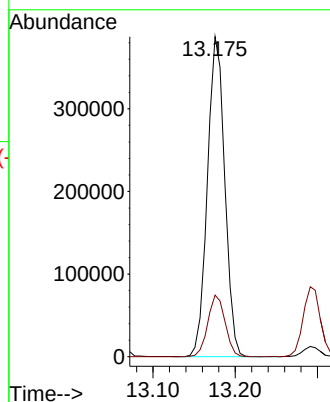
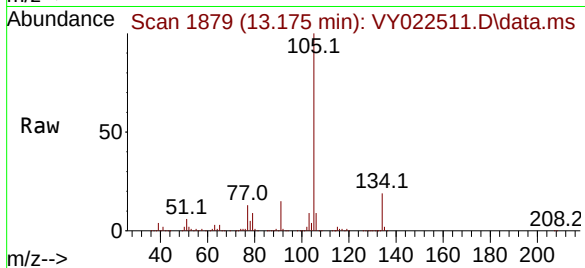
VSTDCCC050

Tgt Ion:105 Resp: 567452

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.819 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

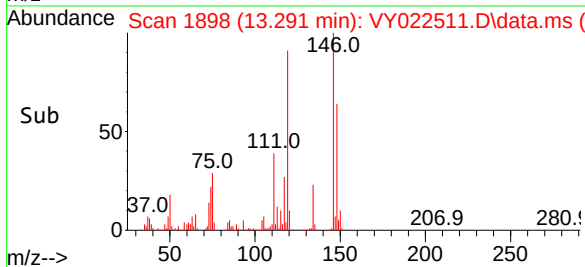
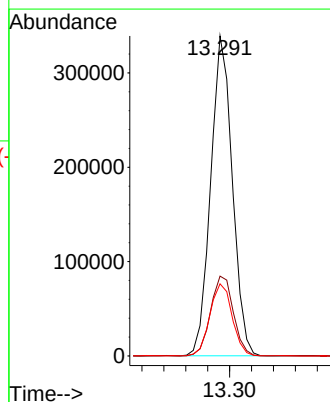
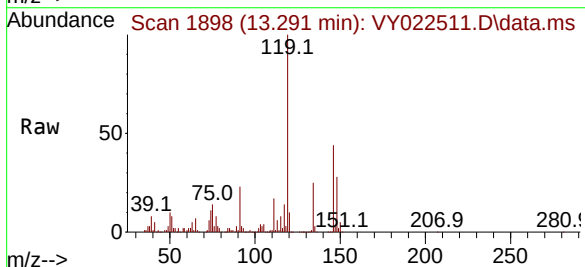
Tgt Ion:119 Resp: 464860

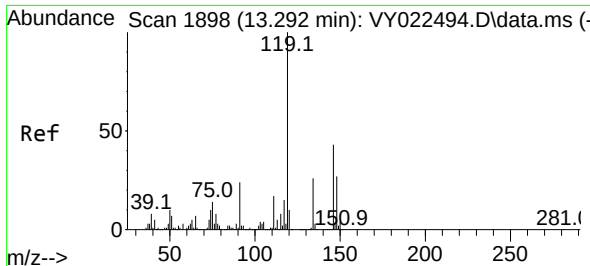
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 49.356 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

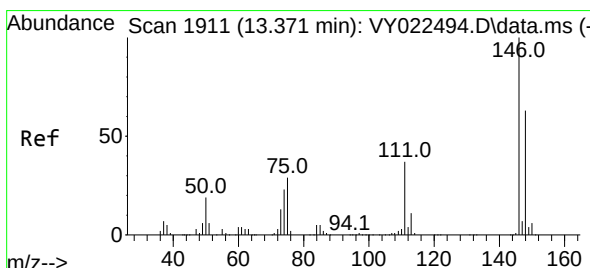
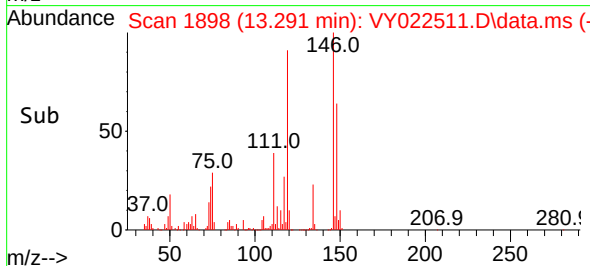
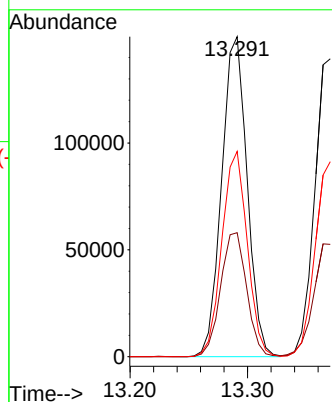
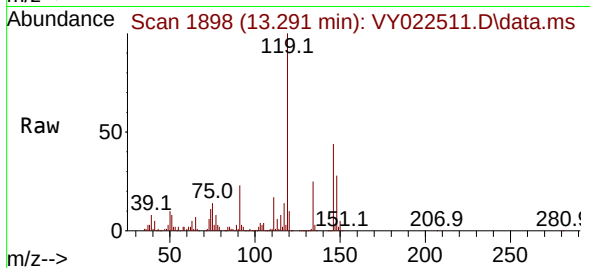
Tgt Ion:146 Resp: 225894

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.715 ug/l

RT: 13.370 min Scan# 1911

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

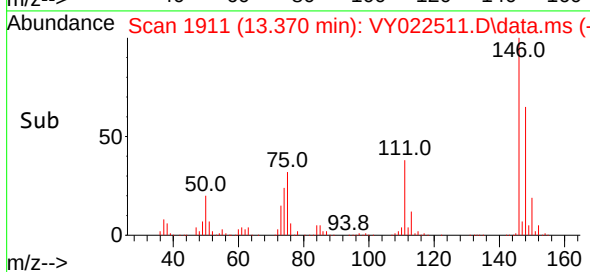
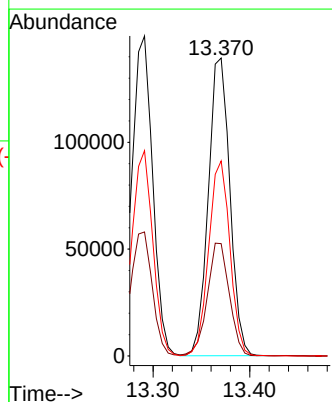
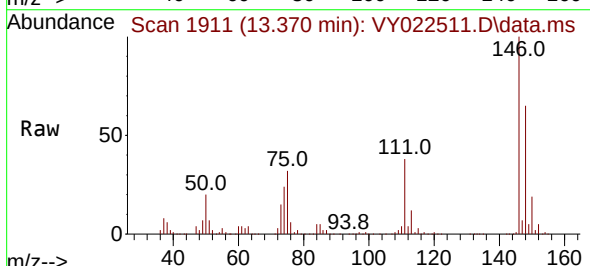
Tgt Ion:146 Resp: 216249

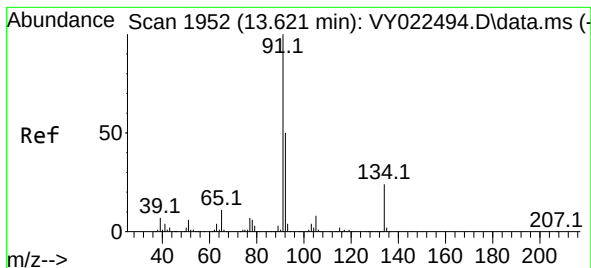
Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 50.075 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

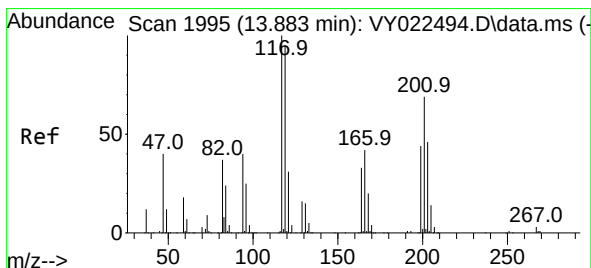
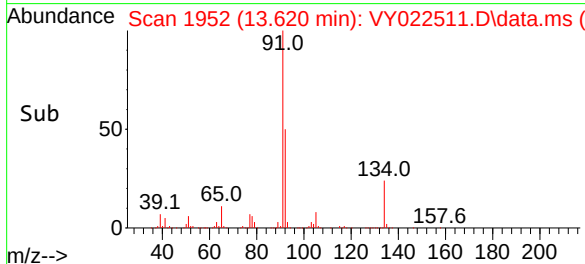
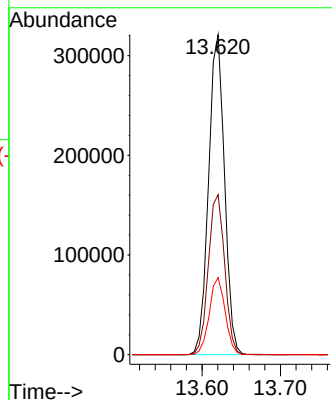
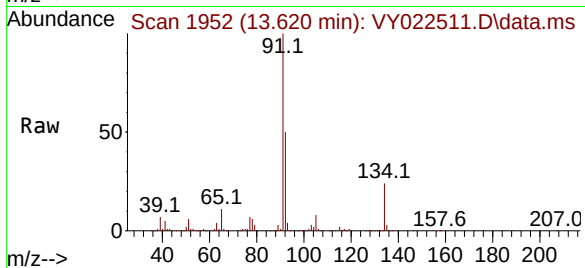
Tgt Ion: 91 Resp: 452386

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 49.550 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.001 min

Lab File: VY022511.D

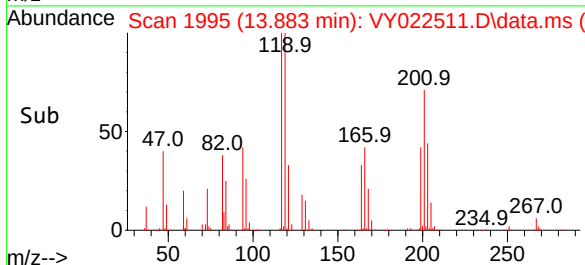
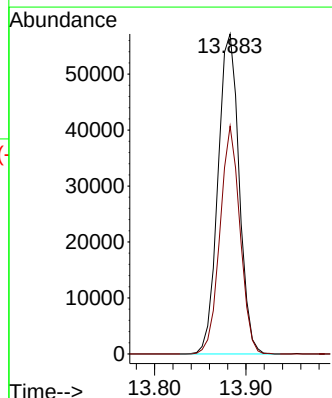
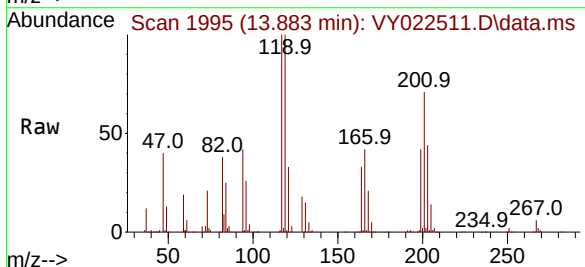
Acq: 03 Jun 2025 10:03

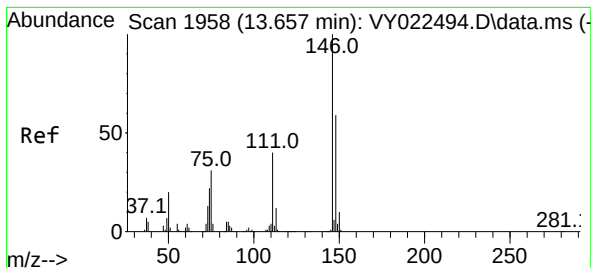
Tgt Ion: 117 Resp: 91854

Ion Ratio Lower Upper

117 100

201 67.4 34.0 102.0

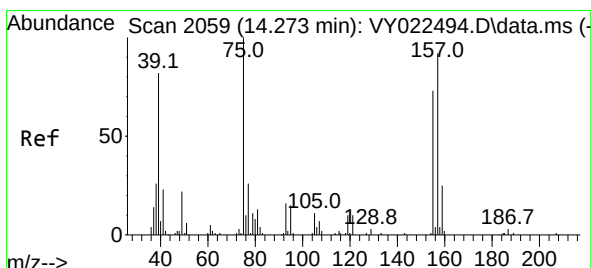
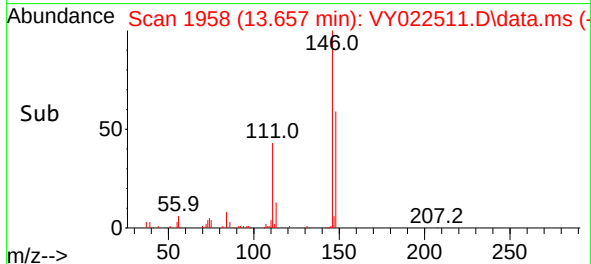
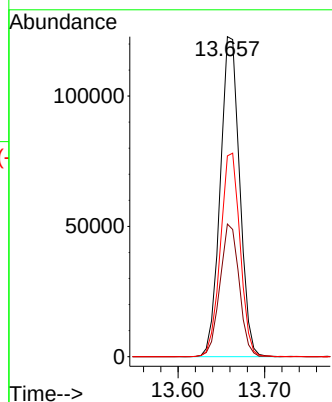
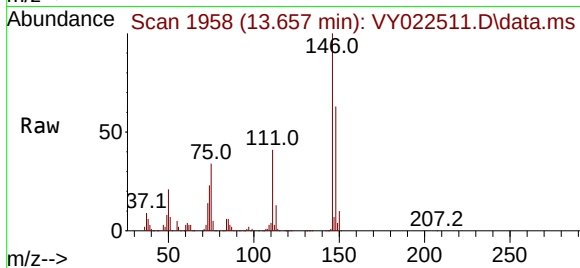




#91
 1,2-Dichlorobenzene
 Concen: 49.234 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.001 min
 Lab File: VY022511.D
 Acq: 03 Jun 2025 10:03

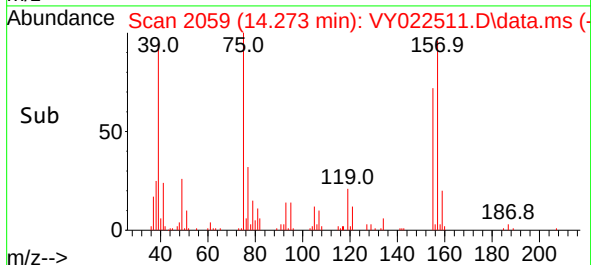
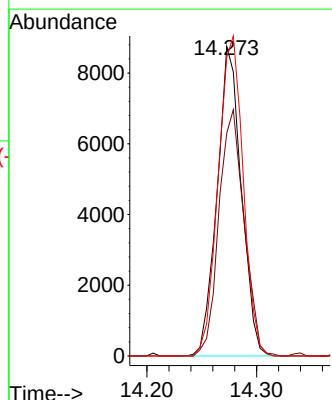
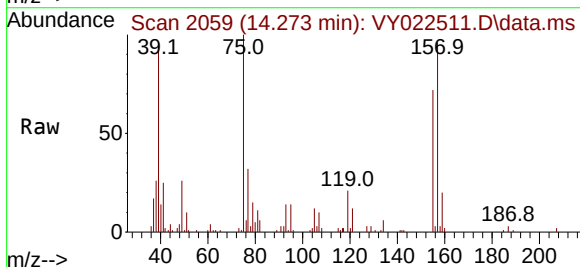
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

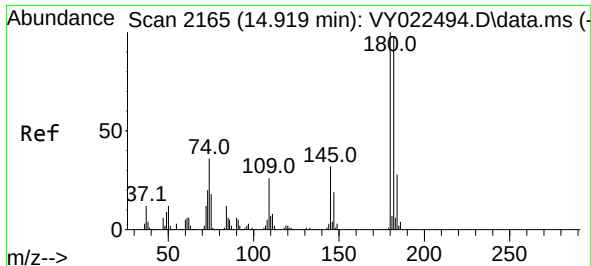
Tgt Ion:146 Resp: 191317
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.2 60.6
 148 64.5 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.605 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.001 min
 Lab File: VY022511.D
 Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 13456
 Ion Ratio Lower Upper
 75 100
 155 82.4 39.9 119.6
 157 106.5 54.0 162.0

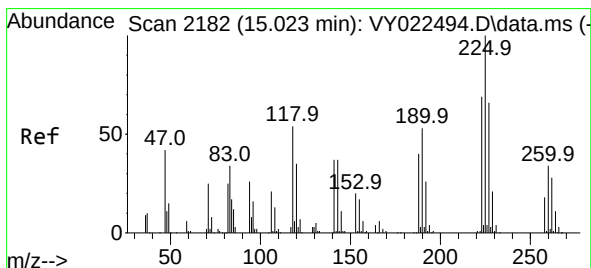
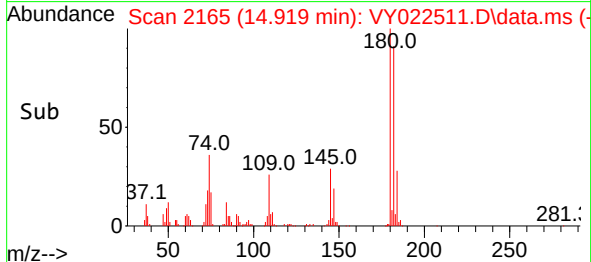
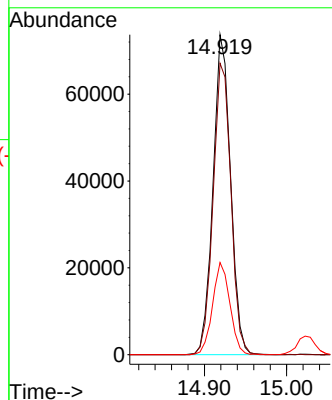
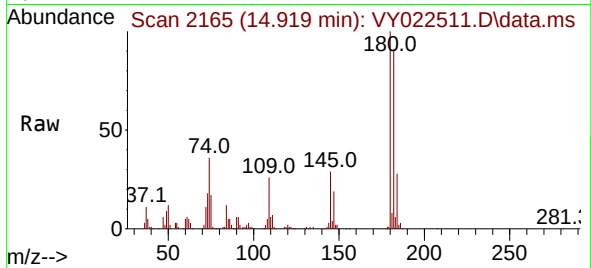




#93
1,2,4-Trichlorobenzene
Concen: 51.341 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

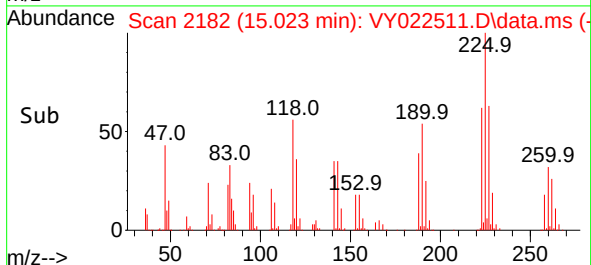
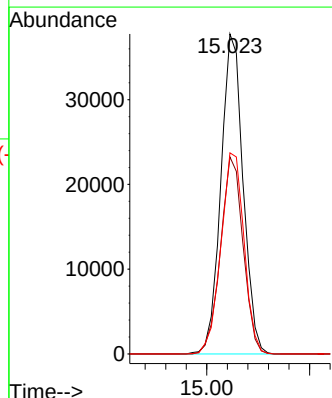
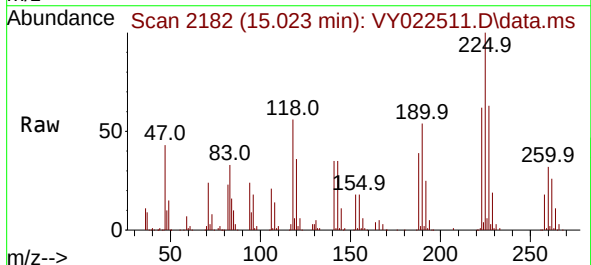
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

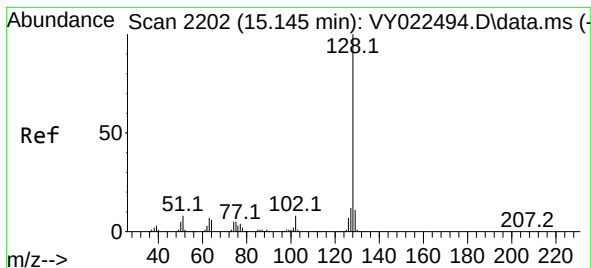
Tgt Ion:180 Resp: 108808
Ion Ratio Lower Upper
180 100
182 92.9 48.4 145.3
145 28.5 15.5 46.5



#94
Hexachlorobutadiene
Concen: 48.206 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:225 Resp: 56388
Ion Ratio Lower Upper
225 100
223 62.7 32.5 97.4
227 65.6 32.3 96.9





#95

Naphthalene

Concen: 51.588 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

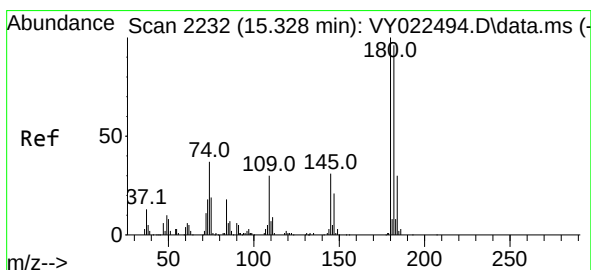
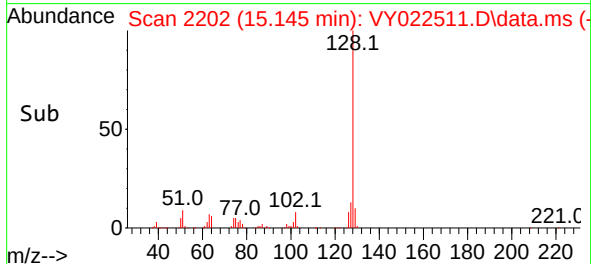
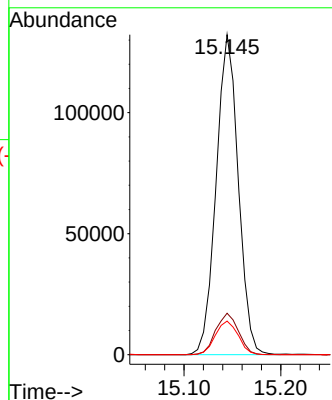
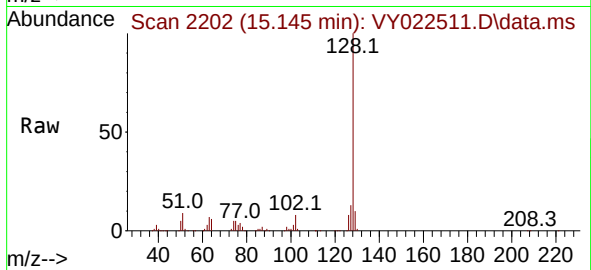
Tgt Ion:128 Resp: 209808

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.325 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.001 min

Lab File: VY022511.D

Acq: 03 Jun 2025 10:03

Tgt Ion:180 Resp: 91404

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

145 30.6 15.2 45.6

