

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022636.D
 Acq On : 09 Jun 2025 17:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 01:33:14 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	7.707	168	145274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	253346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	220561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	106875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	91370	56.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.460%	
35) Dibromofluoromethane	7.634	113	83083	54.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.880%	
50) Toluene-d8	10.103	98	336483	55.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	12.402	95	98542	54.129	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	59734	45.927	ug/l	98
3) Chloromethane	2.068	50	225201	58.609	ug/l	98
4) Vinyl Chloride	2.202	62	269960	60.563	ug/l	99
5) Bromomethane	2.592	94	238844	55.905	ug/l	99
6) Chloroethane	2.733	64	198676	64.937	ug/l	93
7) Trichlorofluoromethane	3.050	101	219207	57.928	ug/l	99
8) Diethyl Ether	3.452	74	46505	54.571	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	82978	52.064	ug/l	100
10) Methyl Iodide	4.007	142	92803	53.807	ug/l	98
11) Tert butyl alcohol	4.885	59	29351	252.918	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	81746	53.659	ug/l	97
13) Acrolein	3.659	56	18933	130.909	ug/l	98
14) Allyl chloride	4.391	41	125459	52.458	ug/l	99
15) Acrylonitrile	5.068	53	97613	270.458	ug/l	98
16) Acetone	3.879	43	71145	215.607	ug/l	99
17) Carbon Disulfide	4.104	76	249531	51.161	ug/l	98
18) Methyl Acetate	4.391	43	61761	63.206	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	230076	53.619	ug/l	99
20) Methylene Chloride	4.616	84	99373	53.017	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	93834	55.033	ug/l	93
22) Diisopropyl ether	6.025	45	291007	54.665	ug/l	99
23) Vinyl Acetate	5.964	43	816024	258.989	ug/l	98
24) 1,1-Dichloroethane	5.915	63	176963	56.427	ug/l	98
25) 2-Butanone	6.897	43	119441	250.942	ug/l	95
26) 2,2-Dichloropropane	6.884	77	141400	51.030	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	112501	57.085	ug/l	100
28) Bromochloromethane	7.250	49	76887	56.242	ug/l	99
29) Tetrahydrofuran	7.268	42	81490	265.451	ug/l	98
30) Chloroform	7.421	83	180028	57.956	ug/l	97
31) Cyclohexane	7.701	56	147937	47.383	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	154686	56.096	ug/l	99
36) 1,1-Dichloropropene	7.835	75	125861	51.283	ug/l	99
37) Ethyl Acetate	6.988	43	56410	51.540	ug/l	98
38) Carbon Tetrachloride	7.817	117	132523	52.636	ug/l	95
39) Methylcyclohexane	9.110	83	161694	49.026	ug/l	99
40) Benzene	8.079	78	400430	55.240	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	27621	43.206	ug/l	90
42) 1,2-Dichloroethane	8.159	62	108757	54.948	ug/l	100
43) Isopropyl Acetate	8.201	43	120482	50.970	ug/l	98
44) Trichloroethene	8.866	130	95314	53.799	ug/l	98
45) 1,2-Dichloropropane	9.140	63	95973	56.021	ug/l	100
46) Dibromomethane	9.232	93	53745	55.764	ug/l	99
47) Bromodichloromethane	9.420	83	136134	55.705	ug/l	96
48) Methyl methacrylate	9.219	41	58446	52.683	ug/l	98
49) 1,4-Dioxane	9.238	88	11027	965.746	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	318450	270.216	ug/l	99
52) Toluene	10.170	92	252594	55.449	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	124985	54.584	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	144139	54.077	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	68286	55.564	ug/l	95
56) Ethyl methacrylate	10.439	69	94232	53.051	ug/l	99
57) 1,3-Dichloropropane	10.713	76	121130	55.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	224511	278.392	ug/l	100
59) 2-Hexanone	10.762	43	208070	263.991	ug/l	100
60) Dibromochloromethane	10.908	129	85832	54.957	ug/l	98
61) 1,2-Dibromoethane	11.012	107	62340	55.654	ug/l	97
64) Tetrachloroethene	10.646	164	106773	56.276	ug/l	97
65) Chlorobenzene	11.438	112	266309	54.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	89259	54.287	ug/l	99
67) Ethyl Benzene	11.518	91	486310	53.720	ug/l	100
68) m/p-Xylenes	11.627	106	372759	108.620	ug/l	99
69) o-Xylene	11.951	106	172578	53.637	ug/l	98
70) Styrene	11.969	104	292377	54.973	ug/l	100
71) Bromoform	12.133	173	46631	53.296	ug/l #	99
73) Isopropylbenzene	12.255	105	452653	51.588	ug/l	100
74) N-amyl acetate	12.066	43	109500	49.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	73303	50.901	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	103901	84.977	ug/l #	100
77) Bromobenzene	12.530	156	99313	53.636	ug/l	96
78) n-propylbenzene	12.591	91	552268	51.532	ug/l	100
79) 2-Chlorotoluene	12.676	91	295842	52.084	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	356048	51.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24351	48.096	ug/l	98
82) 4-Chlorotoluene	12.774	91	300746	51.326	ug/l	99
83) tert-Butylbenzene	12.993	119	322813	52.212	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	361717	52.500	ug/l	100
85) sec-Butylbenzene	13.176	105	486738	51.403	ug/l	100
86) p-Isopropyltoluene	13.292	119	403150	51.652	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	200600	53.471	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	191507	52.631	ug/l	99
89) n-Butylbenzene	13.615	91	382346	51.632	ug/l	99
90) Hexachloroethane	13.877	117	79458	52.291	ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	170243	53.448	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11228	53.551	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	95113	54.751	ug/l	97
94) Hexachlorobutadiene	15.023	225	50360	52.523	ug/l	97
95) Naphthalene	15.145	128	185841	55.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	80952	54.375	ug/l	97

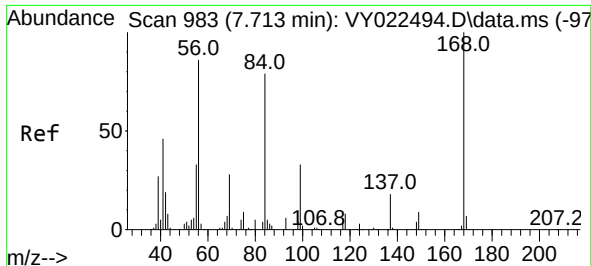
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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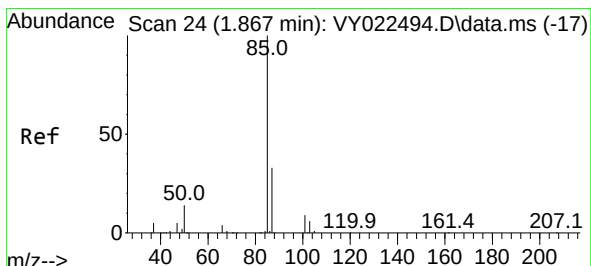
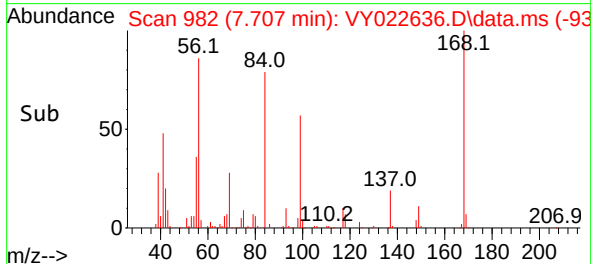
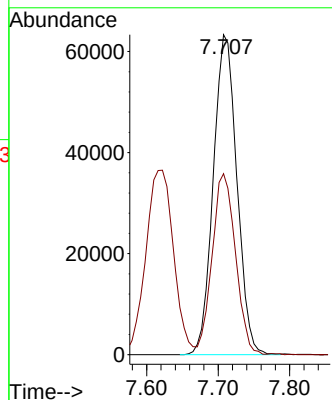
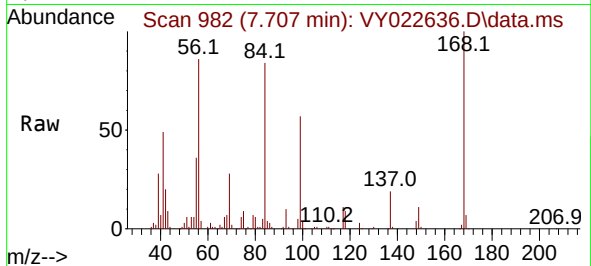
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

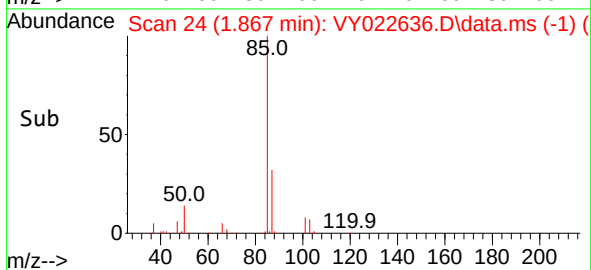
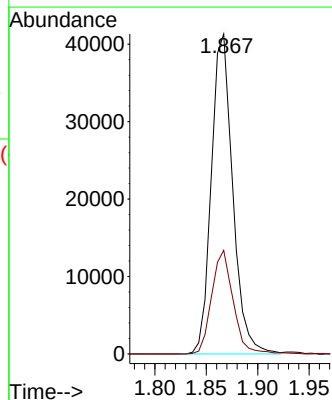
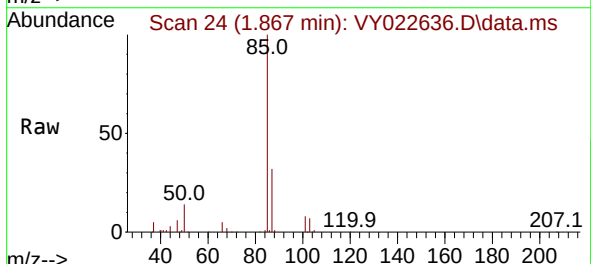
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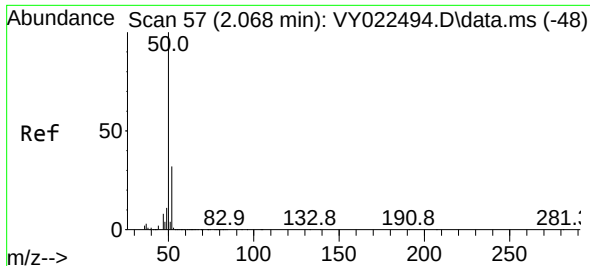
Tgt Ion:168 Resp: 145274
Ion Ratio Lower Upper
168 100
99 56.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 45.927 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 85 Resp: 59734
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

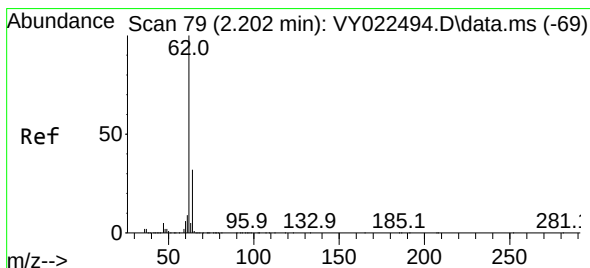
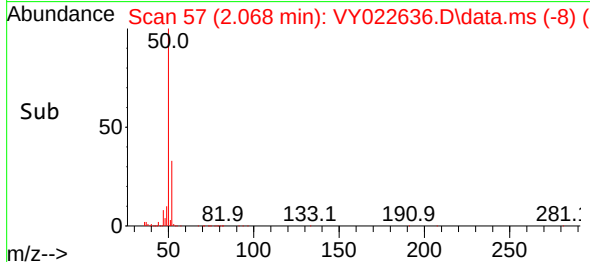
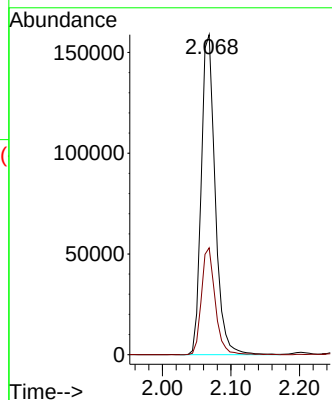
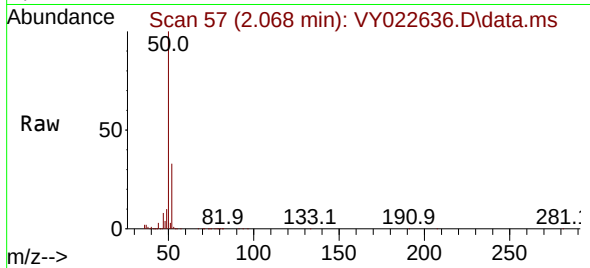




#3
Chloromethane
Concen: 58.609 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

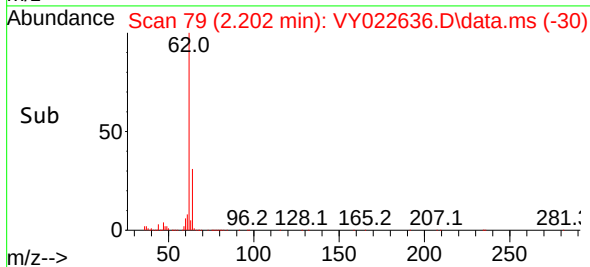
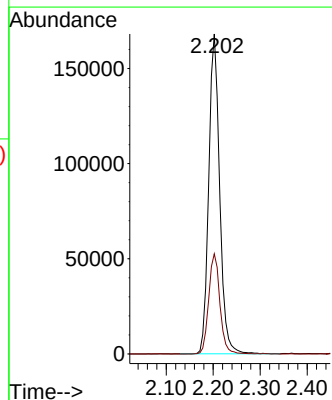
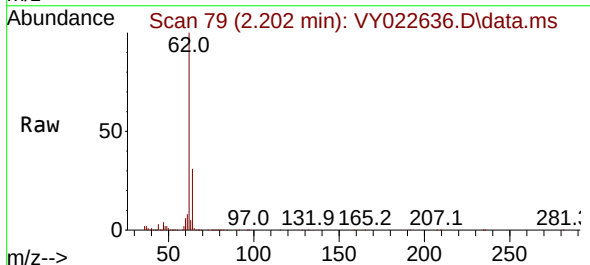
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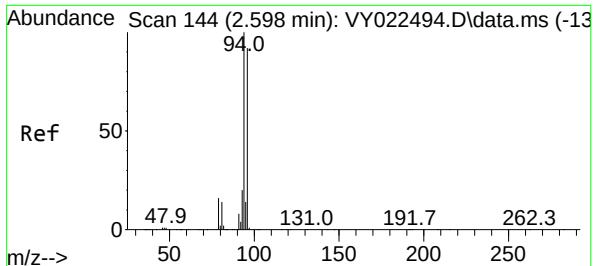
Tgt Ion: 50 Resp: 225201
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 60.563 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 62 Resp: 269960
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9

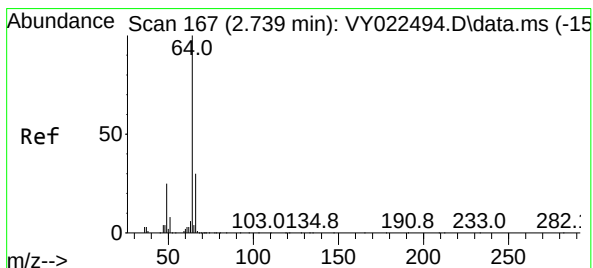
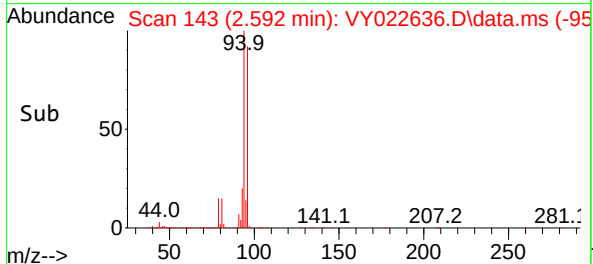
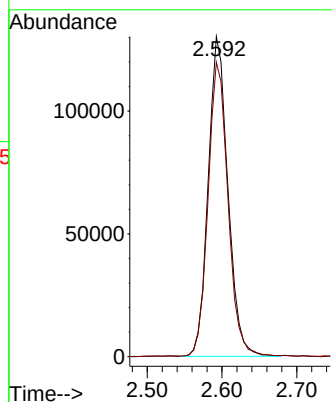
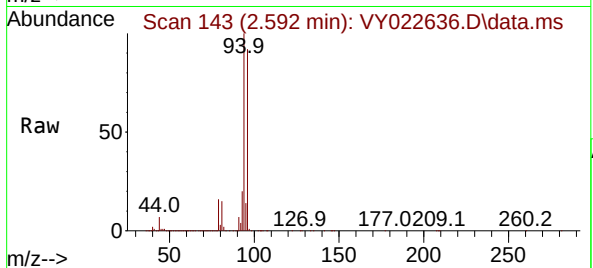




#5
Bromomethane
Concen: 55.905 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

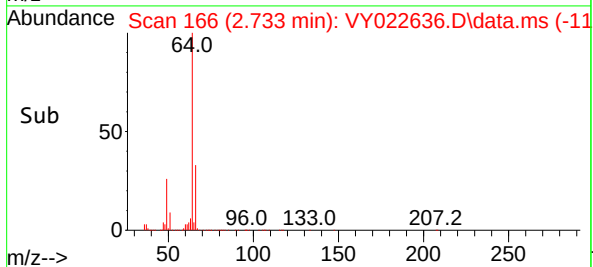
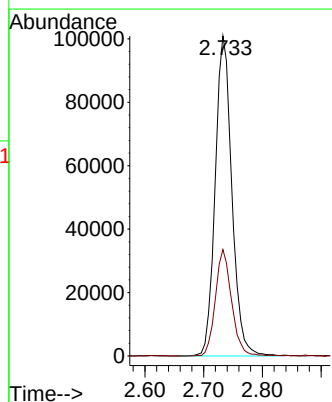
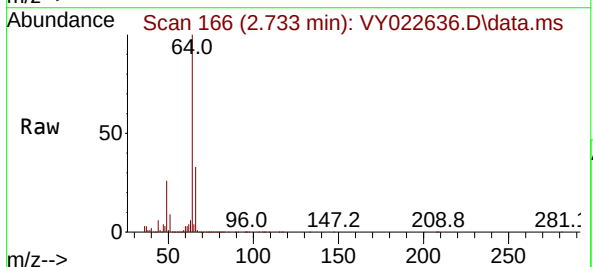
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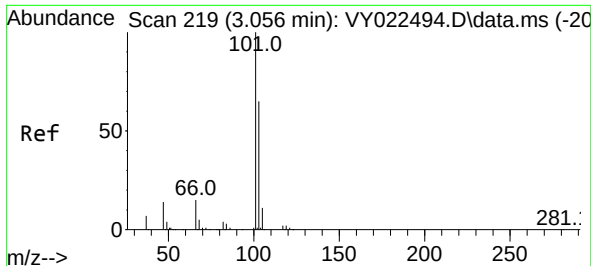
Tgt Ion: 94 Resp: 238844
Ion Ratio Lower Upper
94 100
96 91.9 74.0 111.0



#6
Chloroethane
Concen: 64.937 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 64 Resp: 198676
Ion Ratio Lower Upper
64 100
66 33.3 23.8 35.6

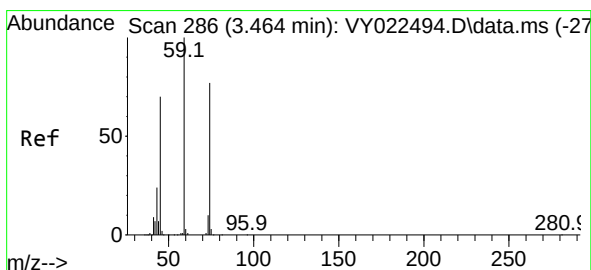
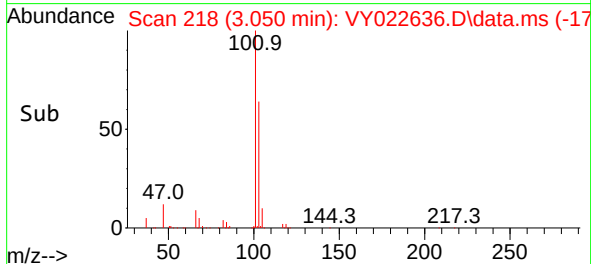
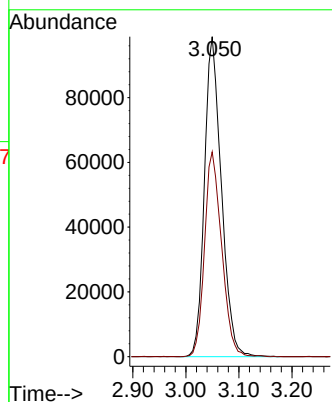
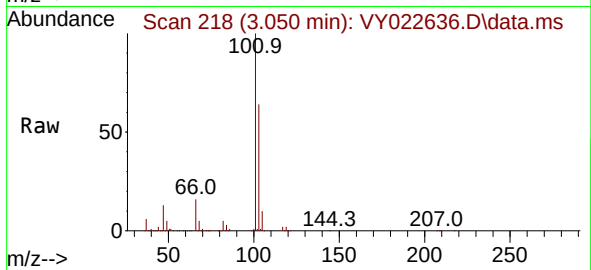




#7
Trichlorofluoromethane
Concen: 57.928 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022636.D
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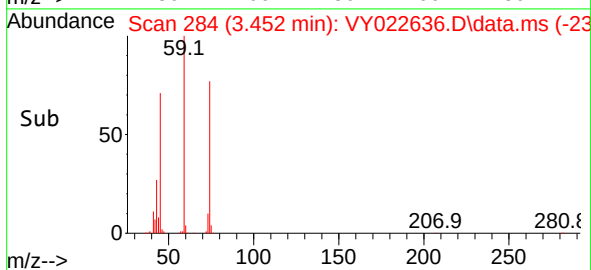
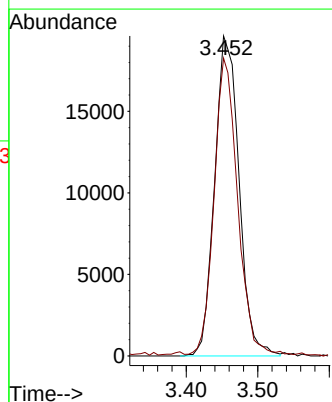
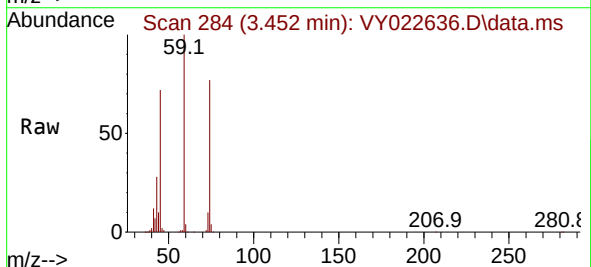
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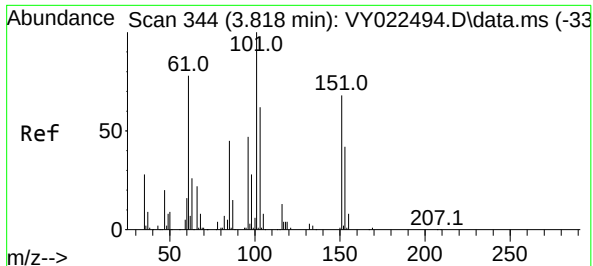
Tgt Ion:101 Resp: 219207
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2



#8
Diethyl Ether
Concen: 54.571 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 74 Resp: 46505
Ion Ratio Lower Upper
74 100
45 88.8 45.9 137.6

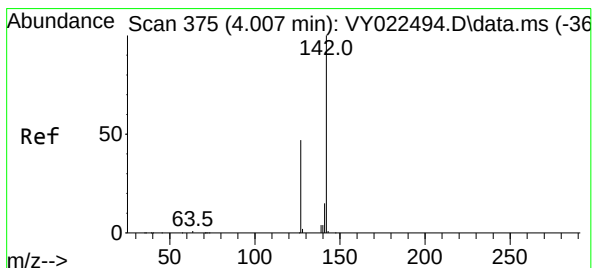
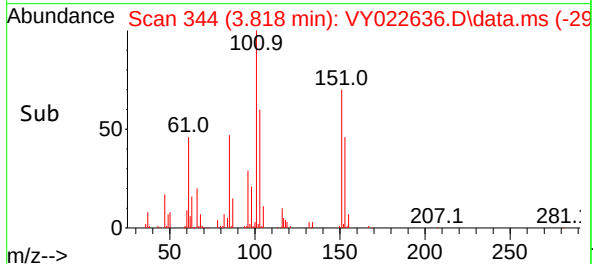
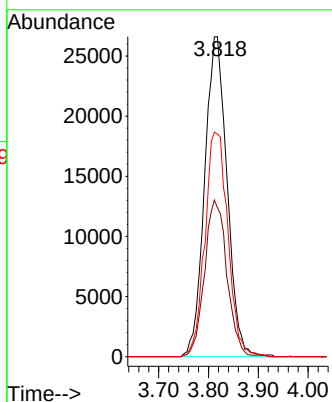
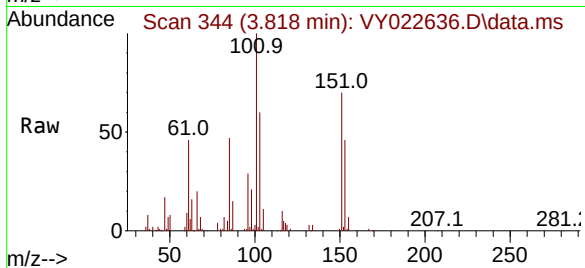




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.064 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
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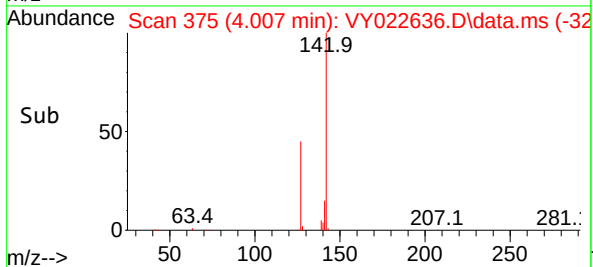
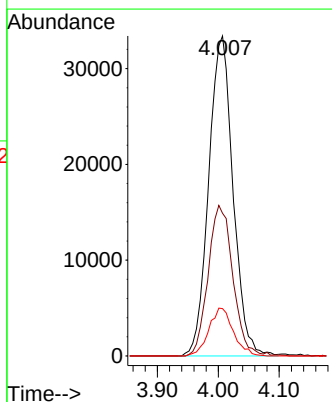
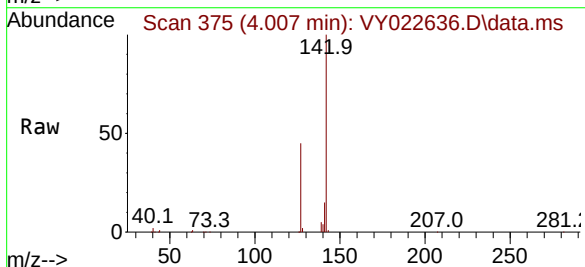
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

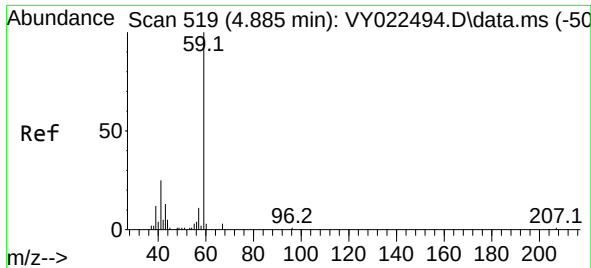
Tgt Ion:101 Resp: 82978
Ion Ratio Lower Upper
101 100
85 49.0 39.3 58.9
151 72.0 57.8 86.8



#10
Methyl Iodide
Concen: 53.807 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion:142 Resp: 92803
Ion Ratio Lower Upper
142 100
127 47.9 37.1 55.7
141 15.0 11.4 17.2

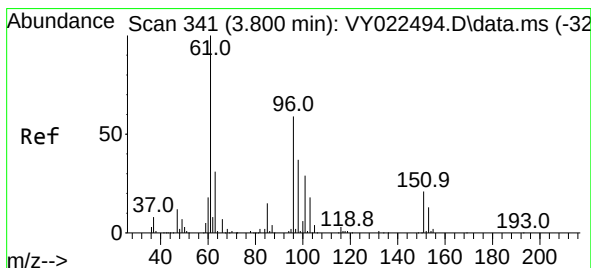
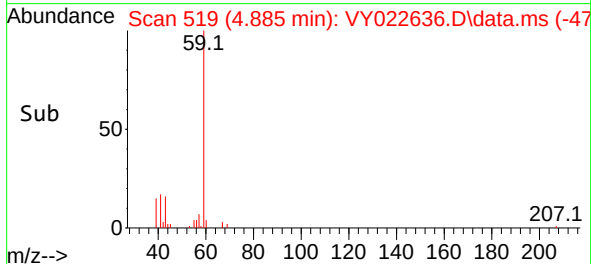
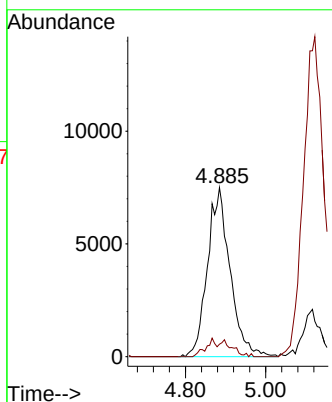
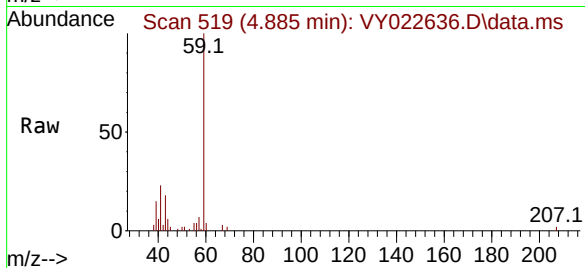




#11
Tert butyl alcohol
Concen: 252.918 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

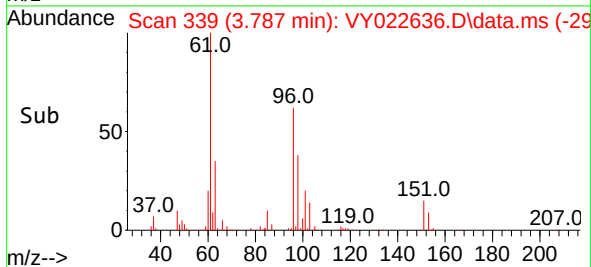
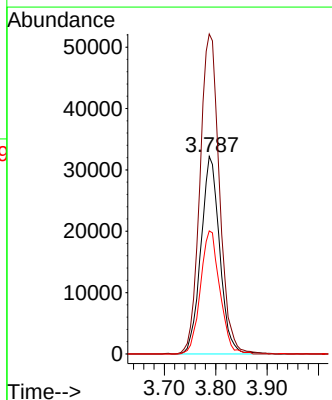
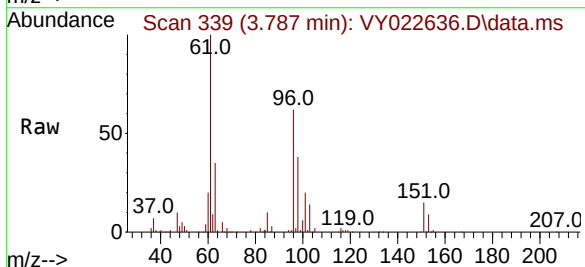
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

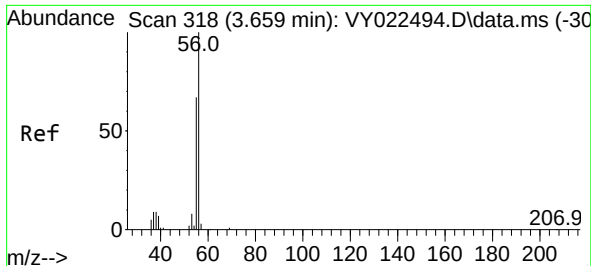
Tgt Ion: 59 Resp: 29351
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 53.659 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 96 Resp: 81746
Ion Ratio Lower Upper
96 100
61 162.0 134.6 201.8
98 62.3 50.2 75.4

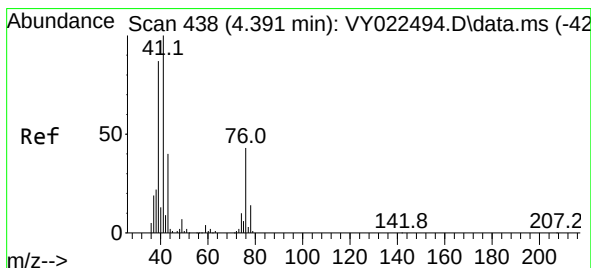
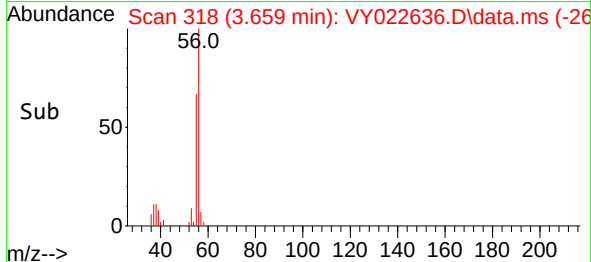
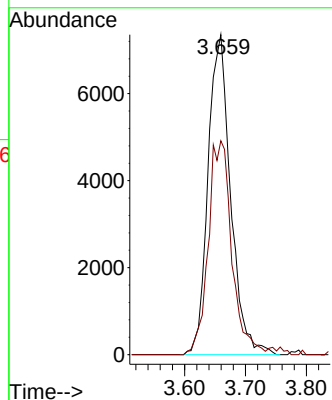
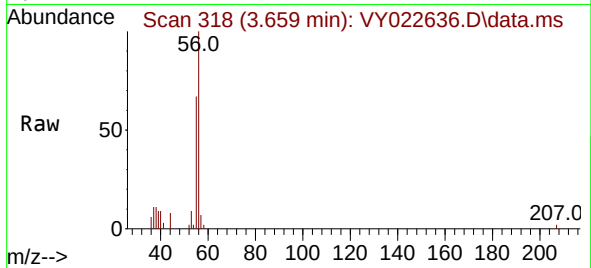




#13
Acrolein
Concen: 130.909 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

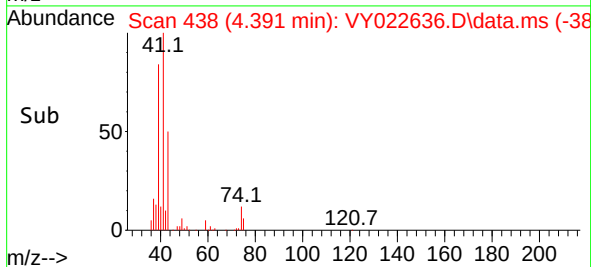
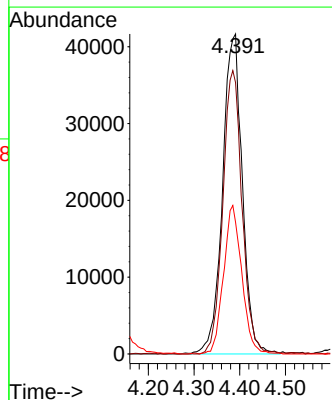
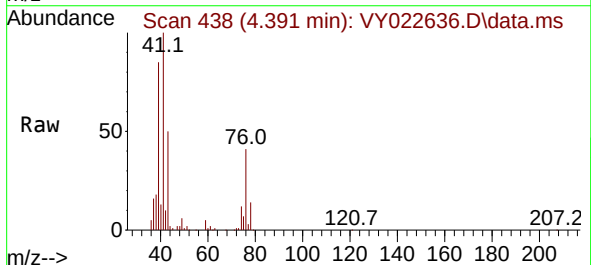
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

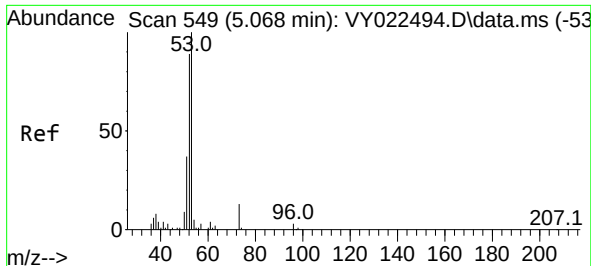
Tgt Ion: 56 Resp: 18933
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.6



#14
Allyl chloride
Concen: 52.458 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

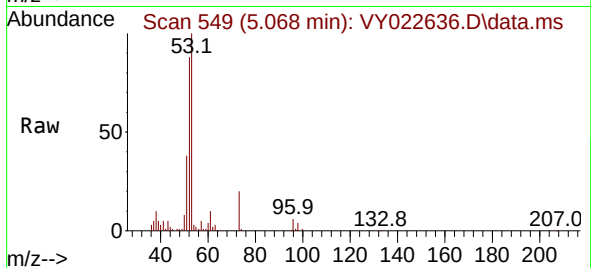
Tgt Ion: 41 Resp: 125459
Ion Ratio Lower Upper
41 100
39 86.2 69.1 103.7
76 42.9 33.5 50.3



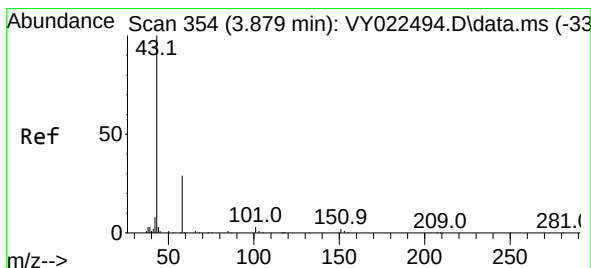
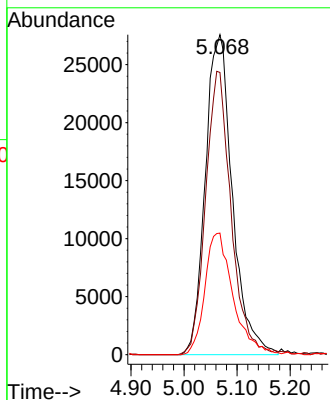
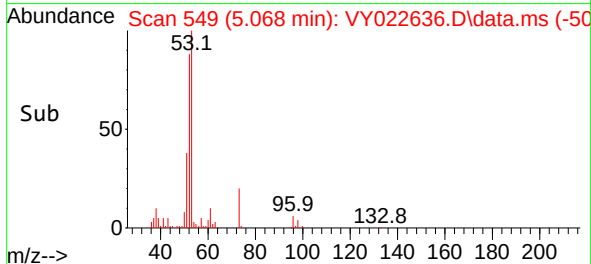


#15
Acrylonitrile
Concen: 270.458 ug/l
RT: 5.068 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

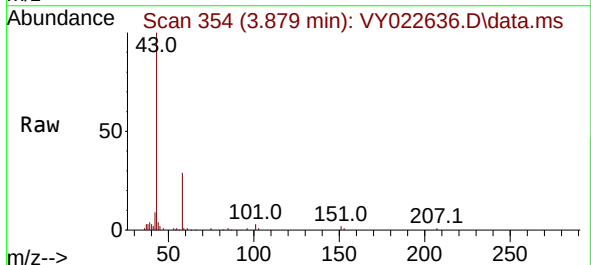
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



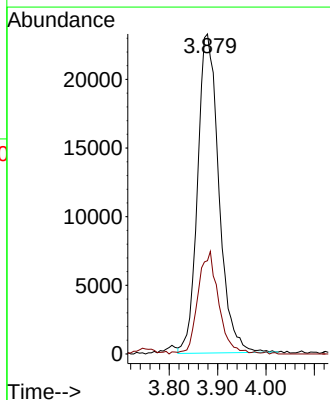
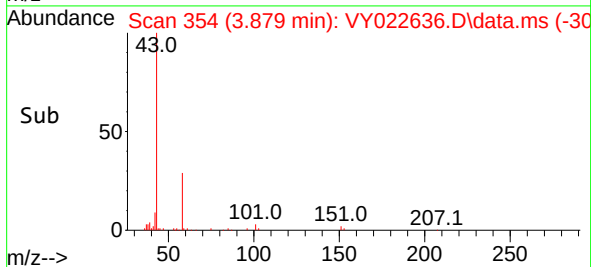
Tgt Ion: 53 Resp: 97613
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 39.6 30.1 45.1

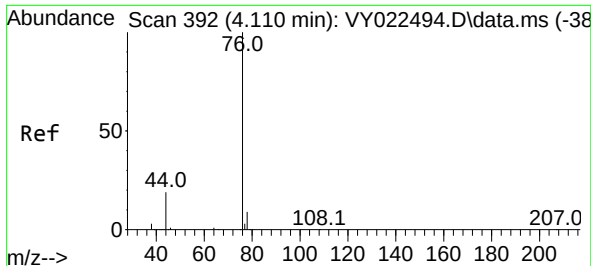


#16
Acetone
Concen: 215.607 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52



Tgt Ion: 43 Resp: 71145
Ion Ratio Lower Upper
43 100
58 29.3 24.0 36.0

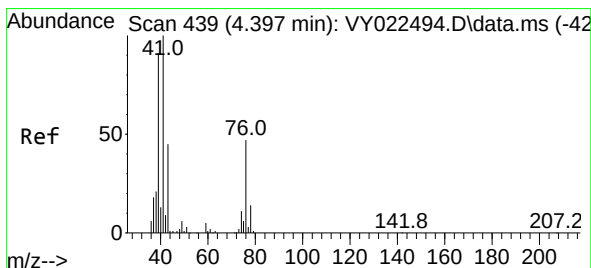
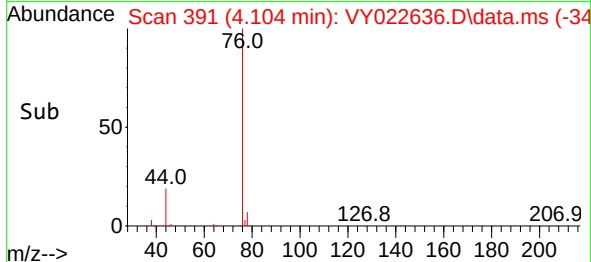
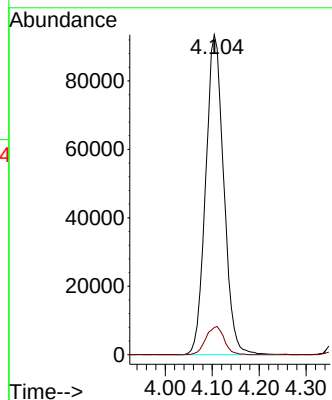
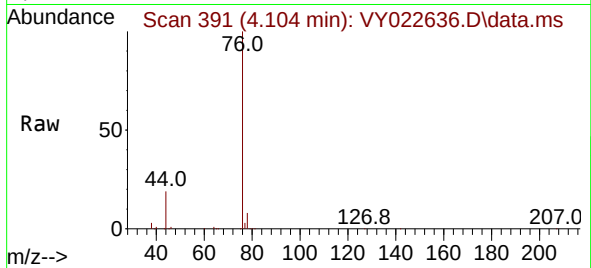




#17
Carbon Disulfide
Concen: 51.161 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

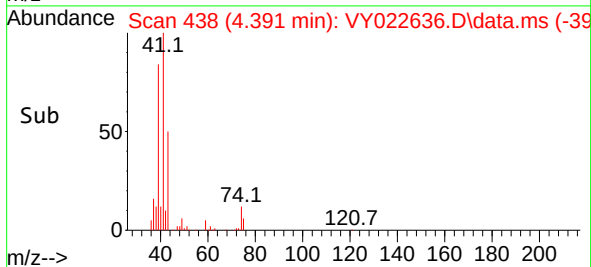
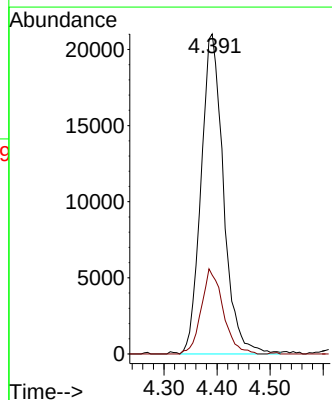
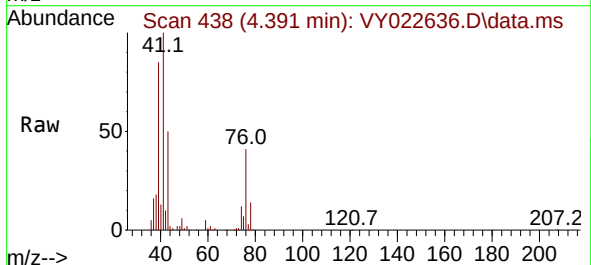
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

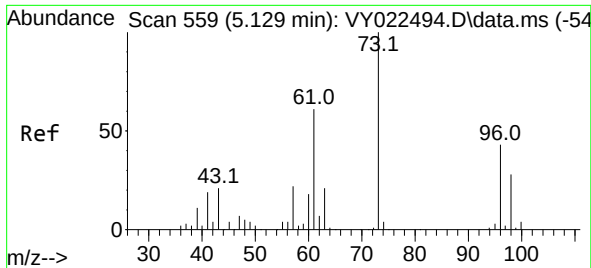
Tgt Ion: 76 Resp: 249531
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 63.206 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 43 Resp: 61761
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6

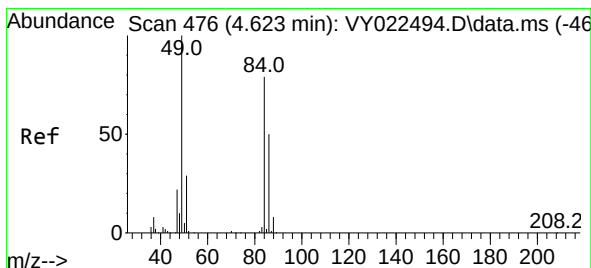
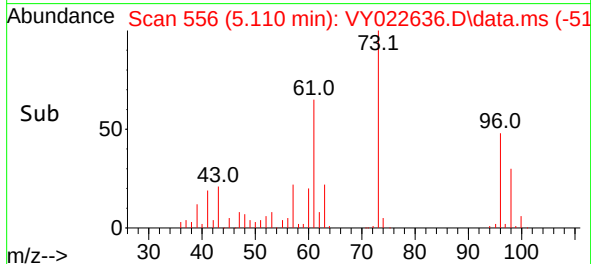
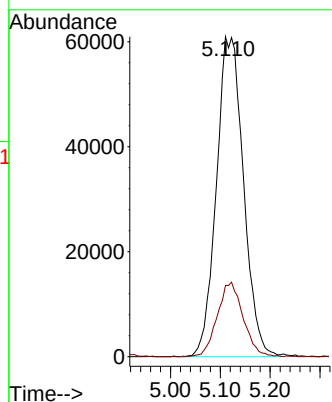
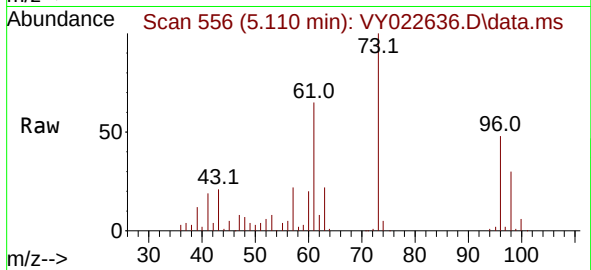




#19
Methyl tert-butyl Ether
Concen: 53.619 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

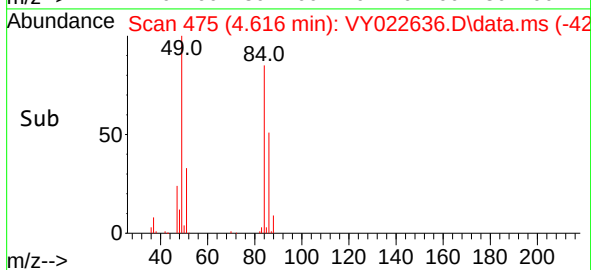
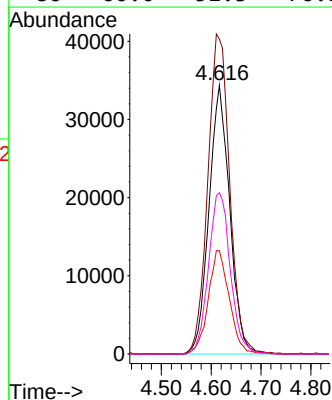
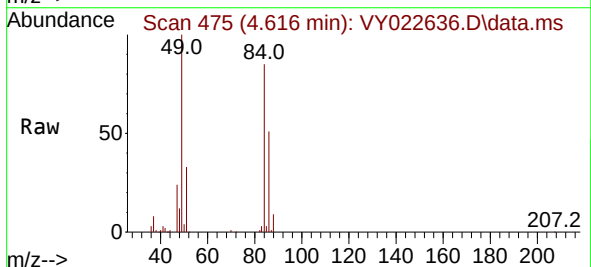
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

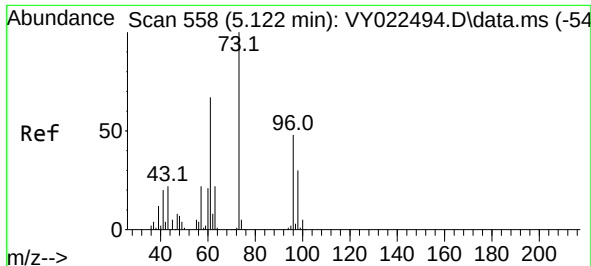
Tgt Ion: 73 Resp: 230076
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0



#20
Methylene Chloride
Concen: 53.017 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 84 Resp: 99373
Ion Ratio Lower Upper
84 100
49 117.1 101.9 152.9
51 38.4 29.8 44.8
86 60.0 51.3 76.9

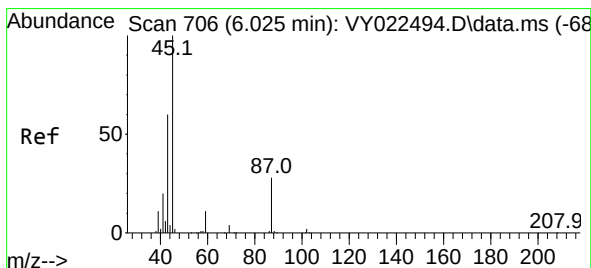
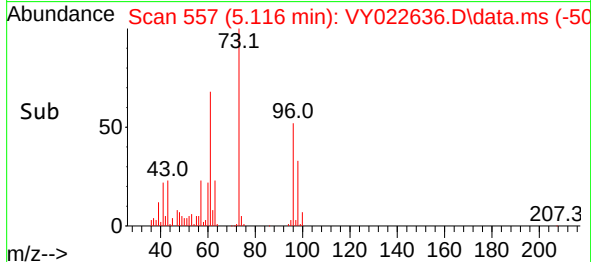
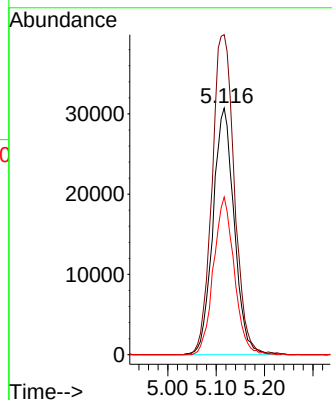
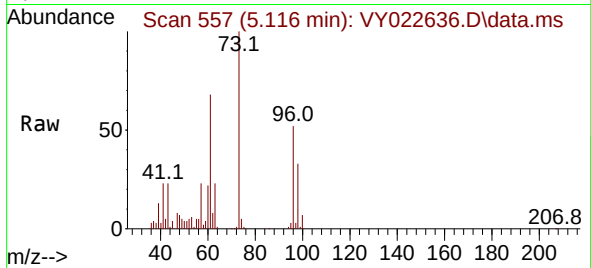




#21
trans-1,2-Dichloroethene
Concen: 55.033 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

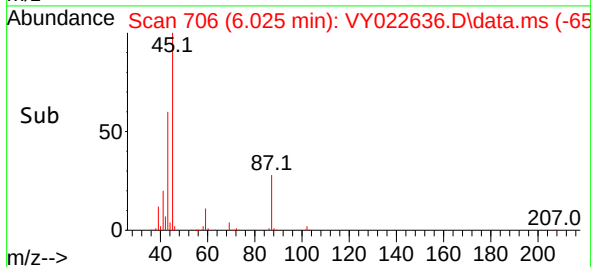
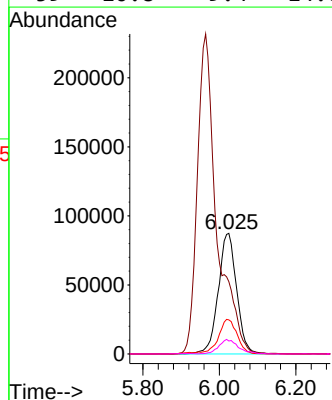
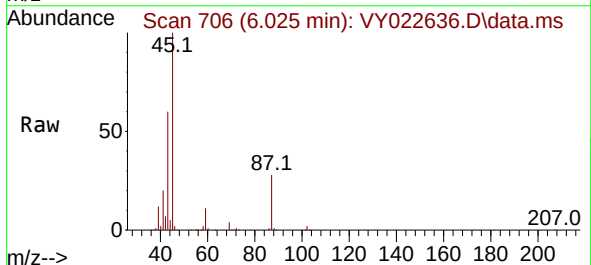
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

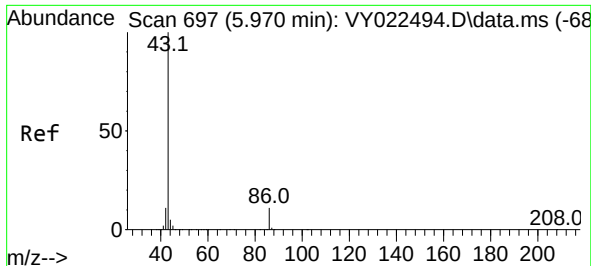
Tgt Ion: 96 Resp: 93834
Ion Ratio Lower Upper
96 100
61 129.8 112.6 169.0
98 63.9 50.6 75.8



#22
Diisopropyl ether
Concen: 54.665 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 45 Resp: 291007
Ion Ratio Lower Upper
45 100
43 59.7 48.3 72.5
87 28.3 23.0 34.6
59 10.8 9.4 14.0

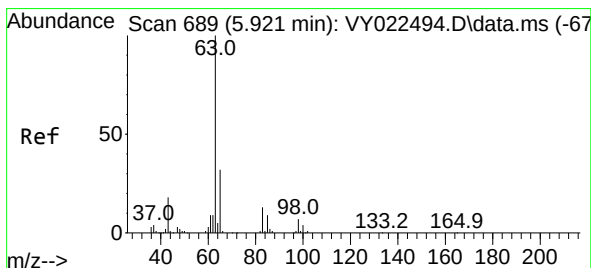
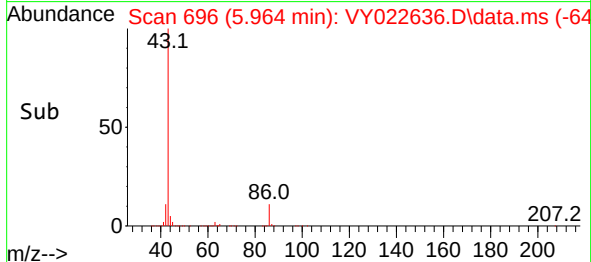
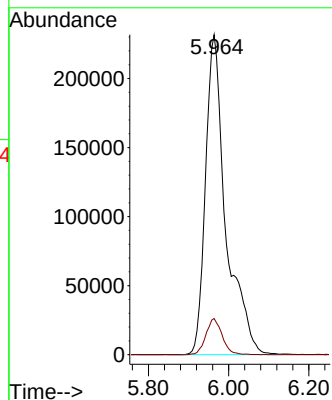
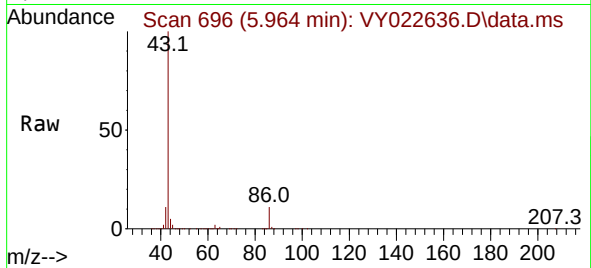




#23
 Vinyl Acetate
 Concen: 258.989 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022636.D
 Acq: 09 Jun 2025 17:52

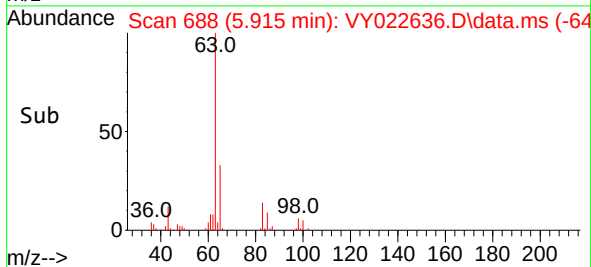
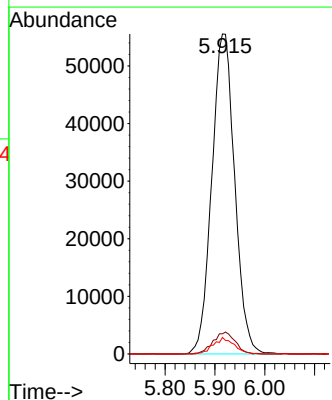
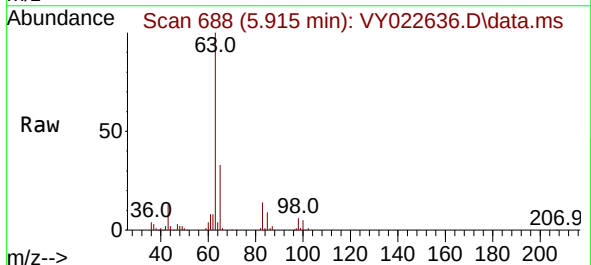
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

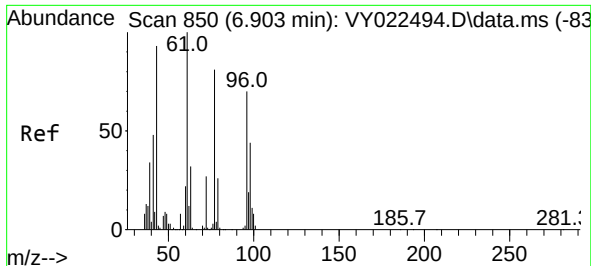
Tgt Ion: 43 Resp: 816024
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 56.427 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022636.D
 Acq: 09 Jun 2025 17:52

Tgt Ion: 63 Resp: 176963
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 5.1 2.1 6.3

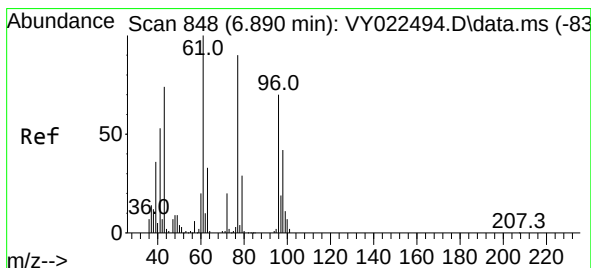
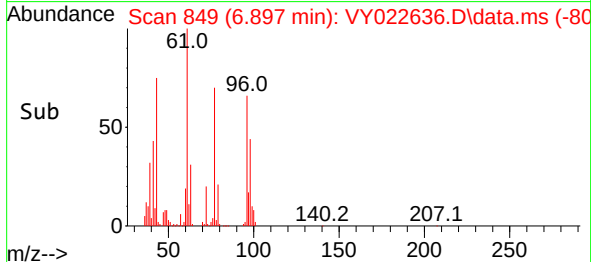
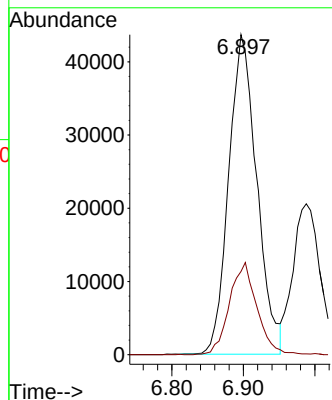
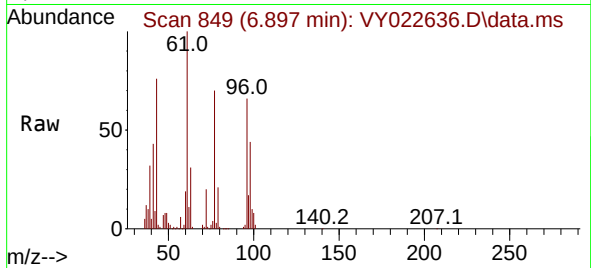




#25
2-Butanone
Concen: 250.942 ug/l
RT: 6.897 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

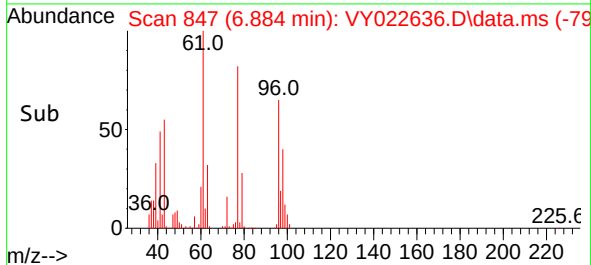
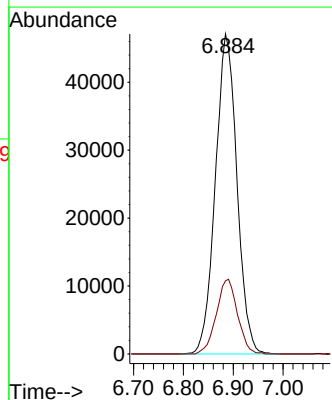
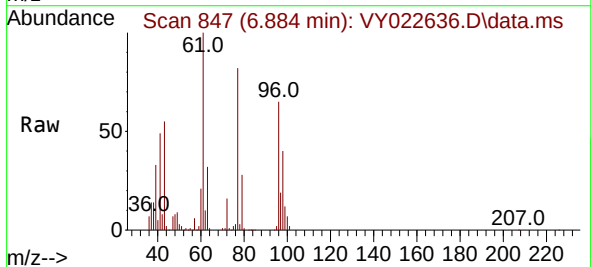
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

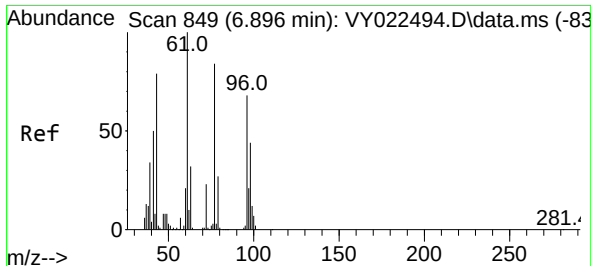
Tgt Ion: 43 Resp: 119441
Ion Ratio Lower Upper
43 100
72 25.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.030 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 77 Resp: 141400
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 57.085 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

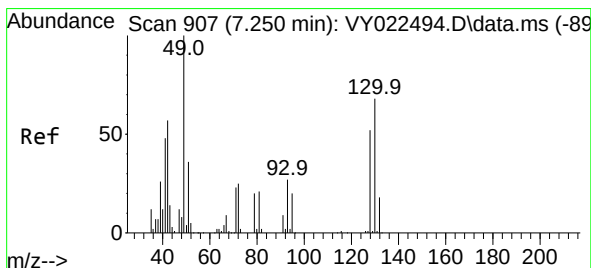
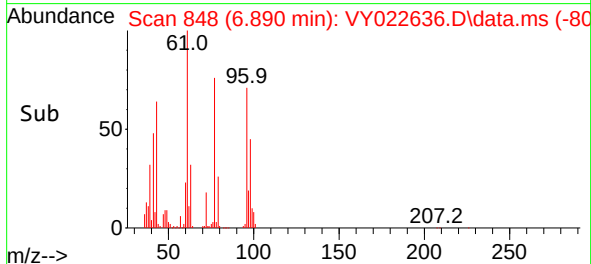
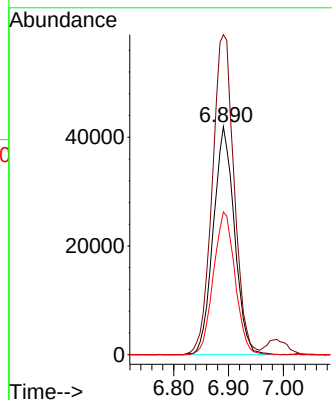
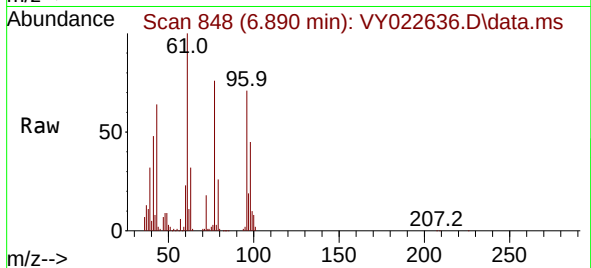
Tgt Ion: 96 Resp: 112501

Ion Ratio Lower Upper

96 100

61 145.0 0.0 290.0

98 64.0 0.0 128.4



#28

Bromochloromethane

Concen: 56.242 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

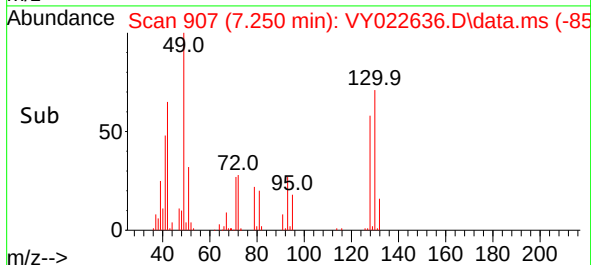
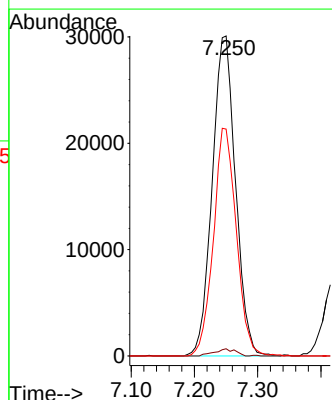
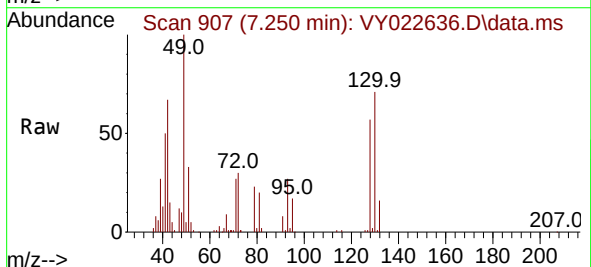
Tgt Ion: 49 Resp: 76887

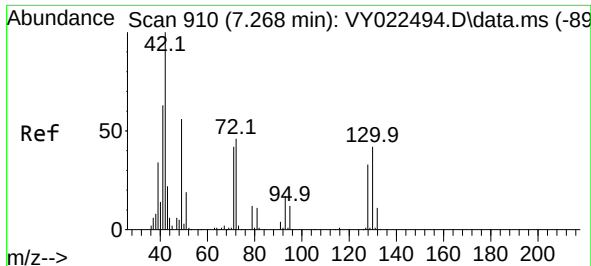
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.0 55.7 83.5





#29

Tetrahydrofuran

Concen: 265.451 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

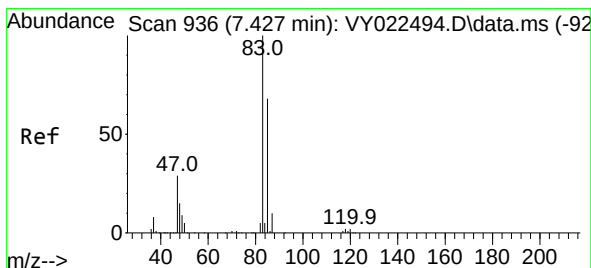
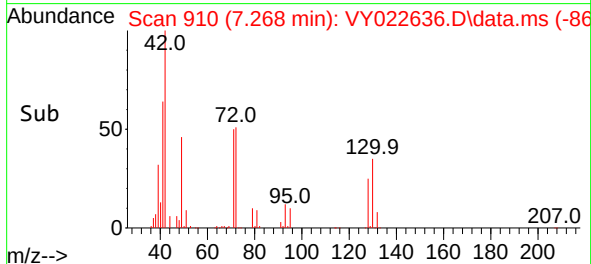
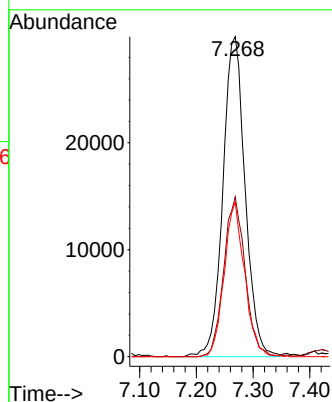
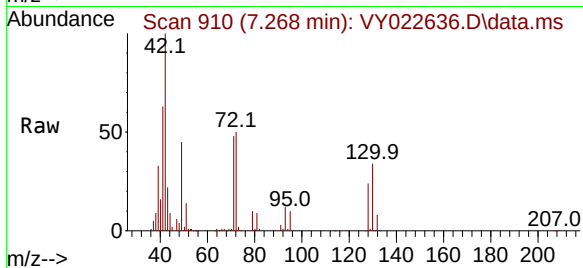
Tgt Ion: 42 Resp: 81490

Ion Ratio Lower Upper

42 100

72 47.8 37.4 56.2

71 44.5 34.2 51.2



#30

Chloroform

Concen: 57.956 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022636.D

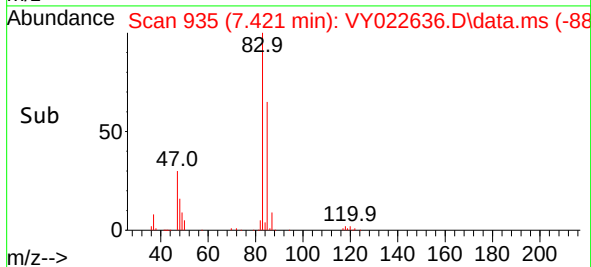
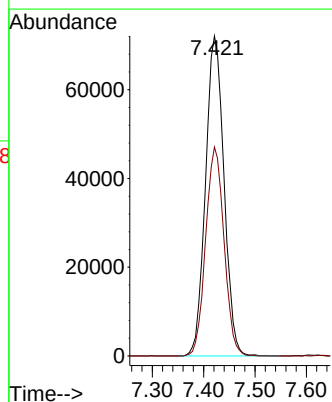
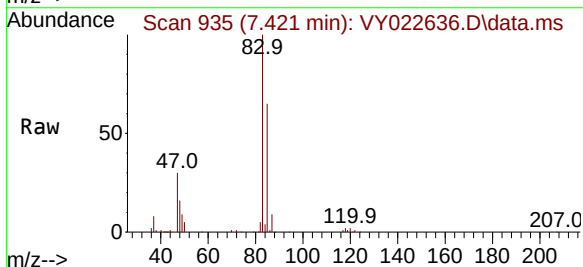
Acq: 09 Jun 2025 17:52

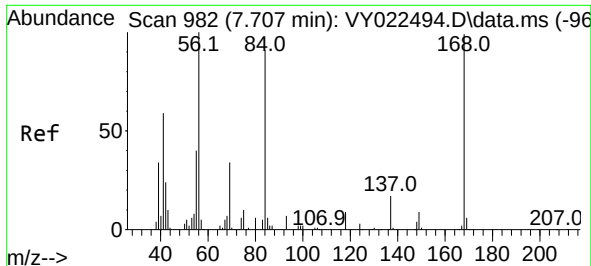
Tgt Ion: 83 Resp: 180028

Ion Ratio Lower Upper

83 100

85 65.3 54.2 81.4

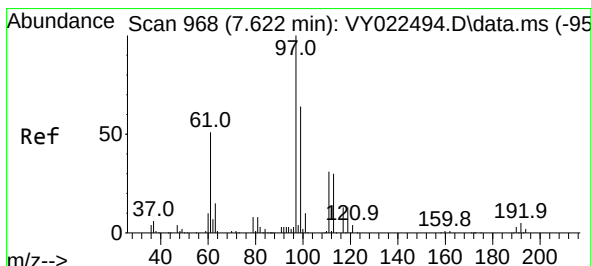
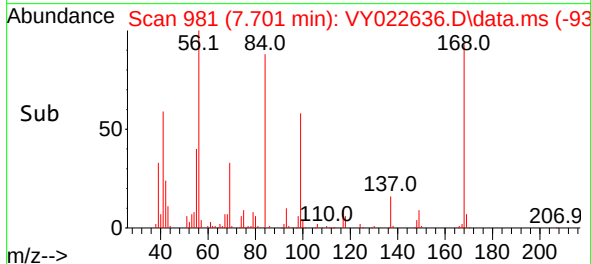
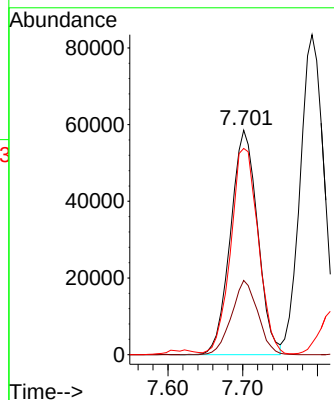
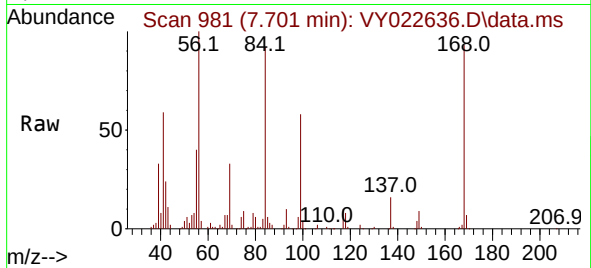




#31
Cyclohexane
Concen: 47.383 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

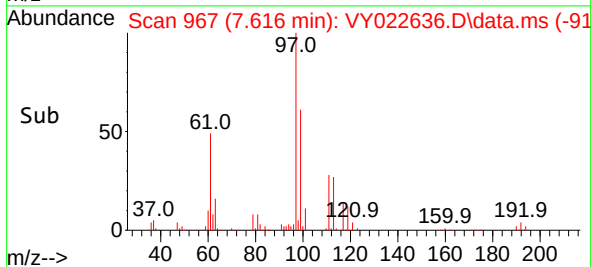
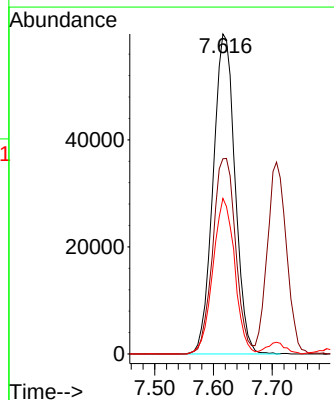
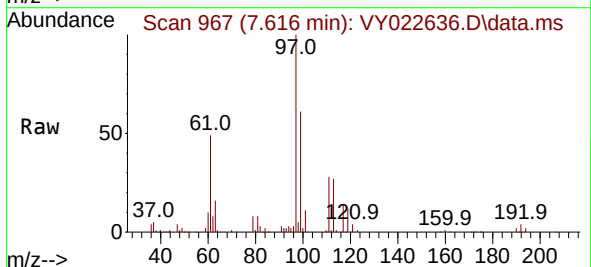
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

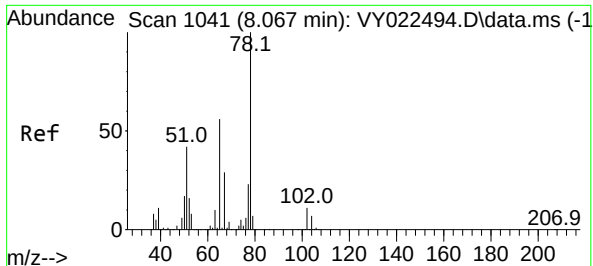
Tgt Ion: 56 Resp: 147937
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.6
84 90.3 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 56.096 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 97 Resp: 154686
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 48.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 56.234 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

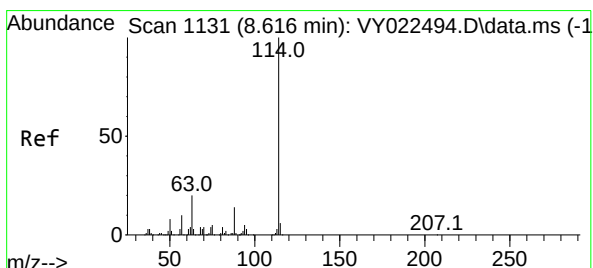
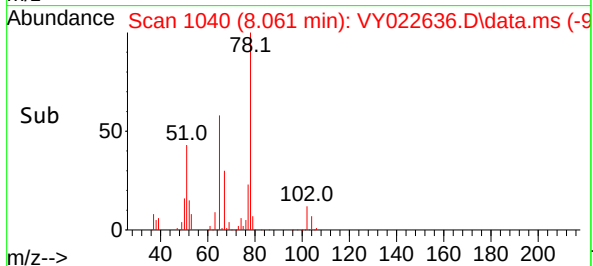
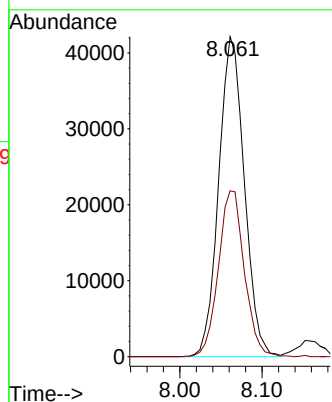
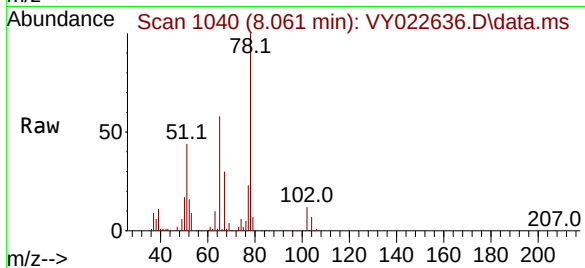
VSTDCCC050EC

Tgt Ion: 65 Resp: 91370

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

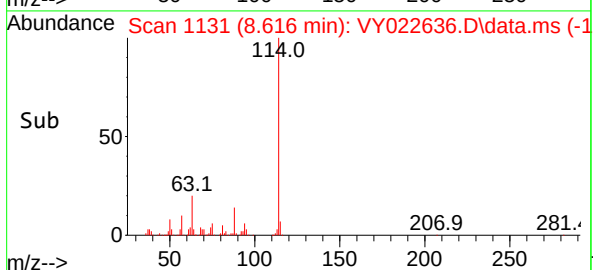
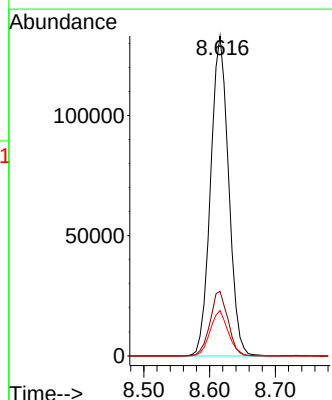
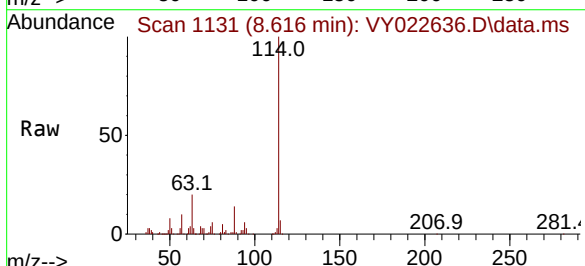
Tgt Ion: 114 Resp: 253346

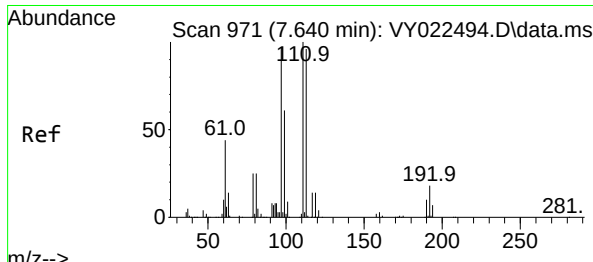
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 14.2 0.0 27.8

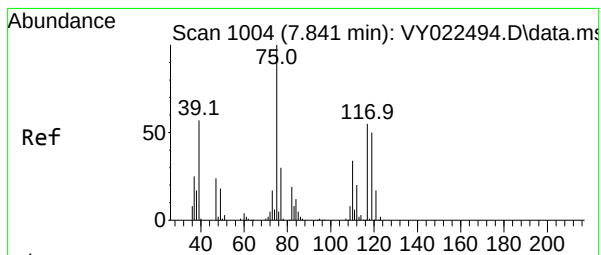
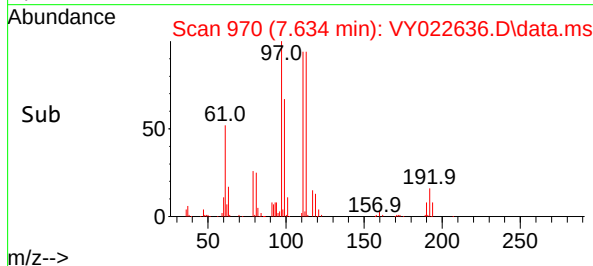
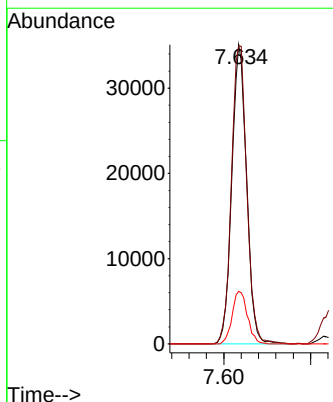
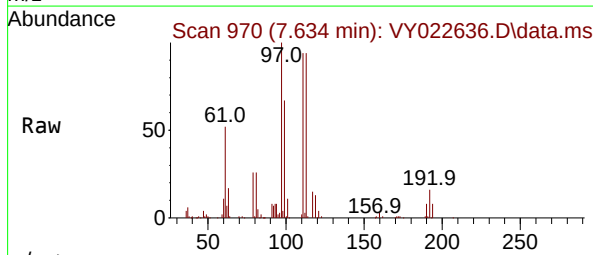




#35
Dibromofluoromethane
Concen: 54.943 ug/l
RT: 7.634 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

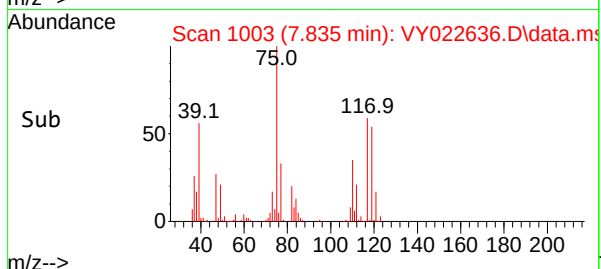
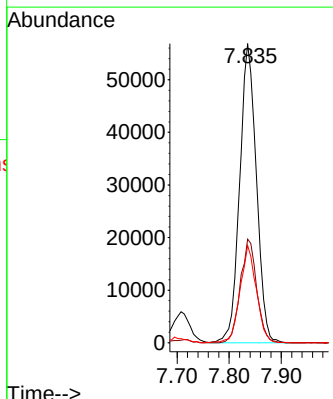
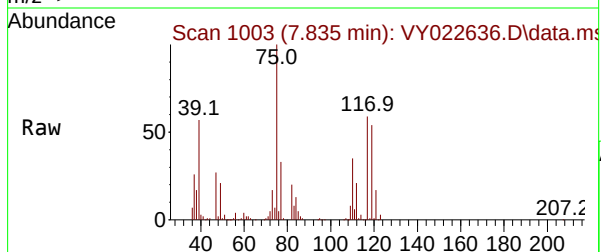
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

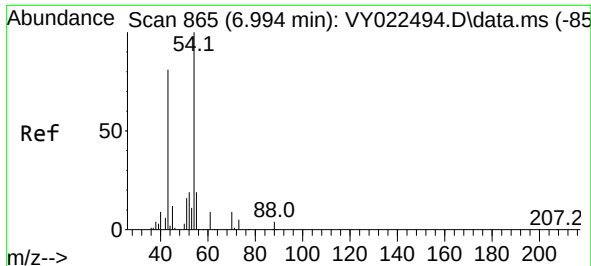
Tgt Ion:113 Resp: 83083
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.283 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 75 Resp: 125861
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.7
77 31.7 24.8 37.2

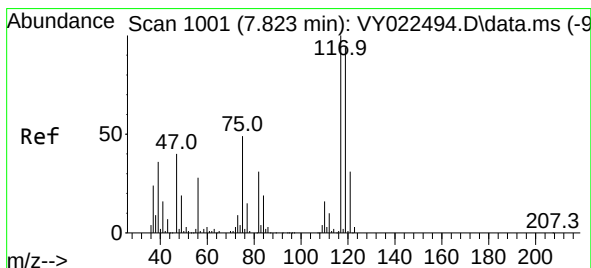
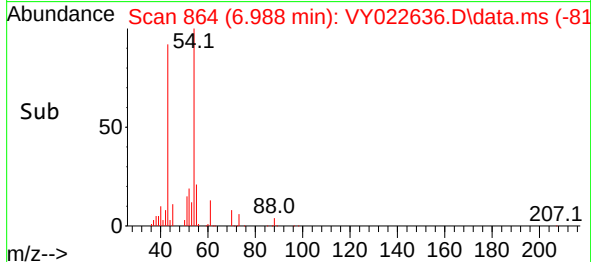
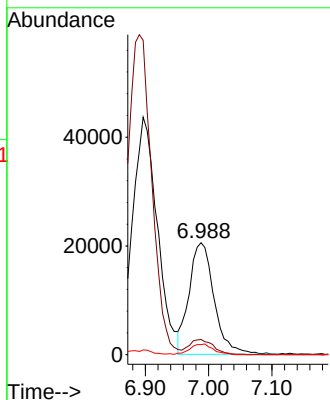
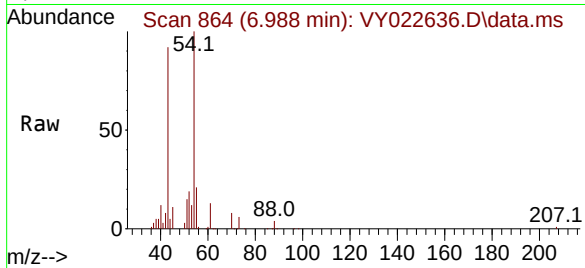




#37
Ethyl Acetate
Concen: 51.540 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

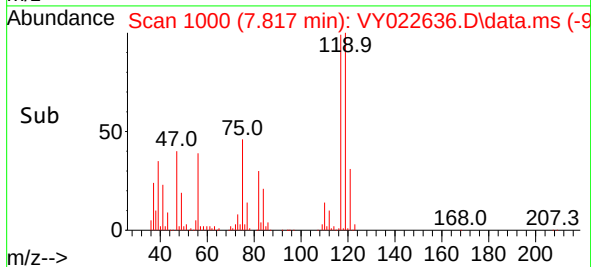
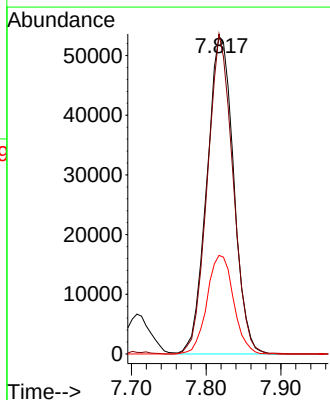
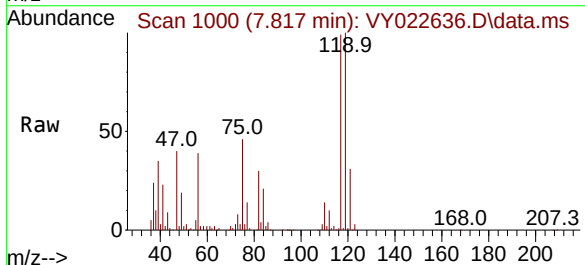
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

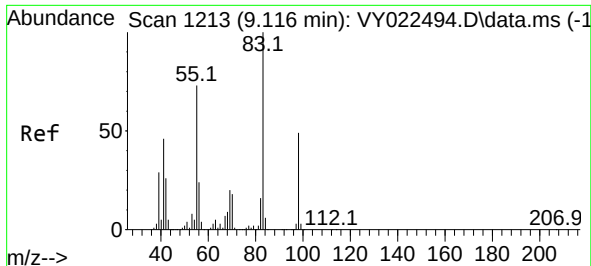
Tgt Ion: 43 Resp: 56410
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.636 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 117 Resp: 132523
Ion Ratio Lower Upper
117 100
119 100.7 75.0 112.6
121 31.0 25.0 37.4





#39

Methylcyclohexane

Concen: 49.026 ug/l

RT: 9.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

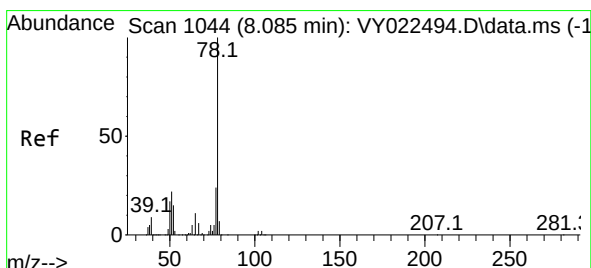
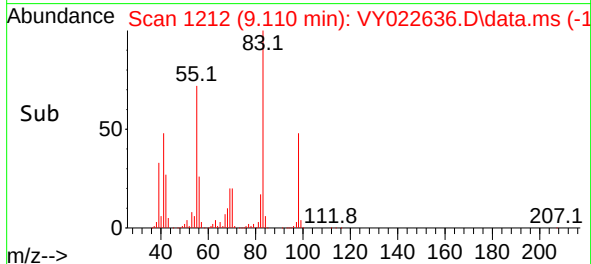
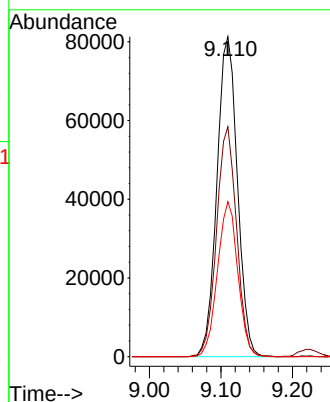
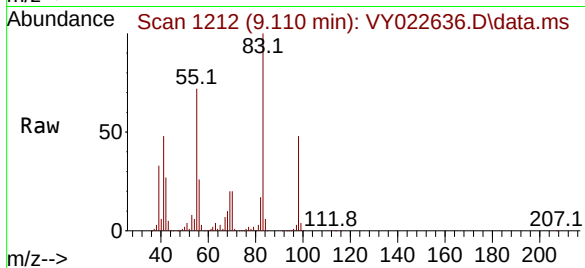
Tgt Ion: 83 Resp: 161694

Ion Ratio Lower Upper

83 100

55 71.9 58.1 87.1

98 48.4 39.0 58.6



#40

Benzene

Concen: 55.240 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022636.D

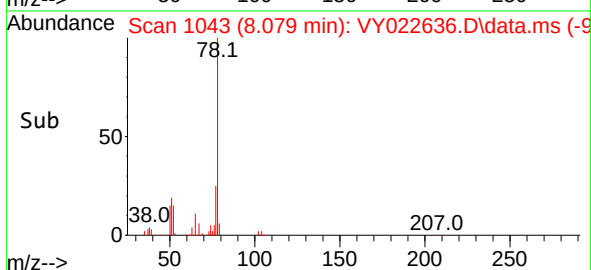
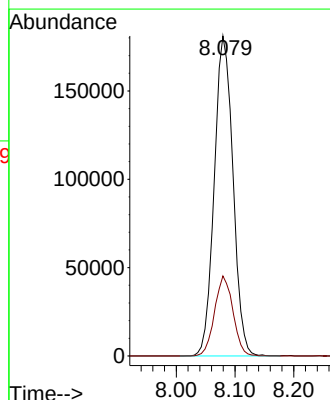
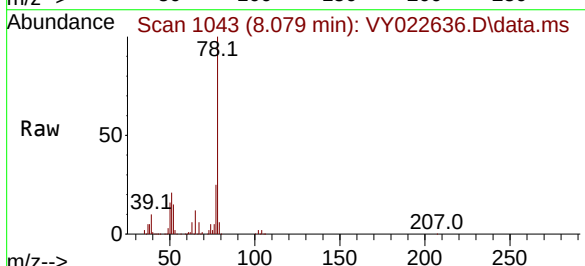
Acq: 09 Jun 2025 17:52

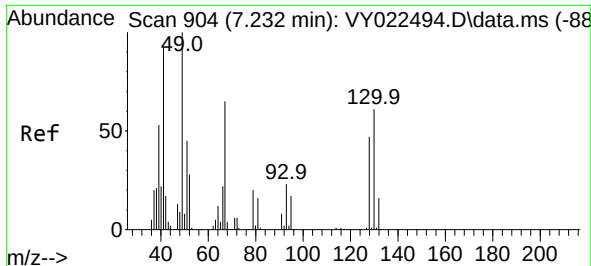
Tgt Ion: 78 Resp: 400430

Ion Ratio Lower Upper

78 100

77 25.0 19.3 28.9

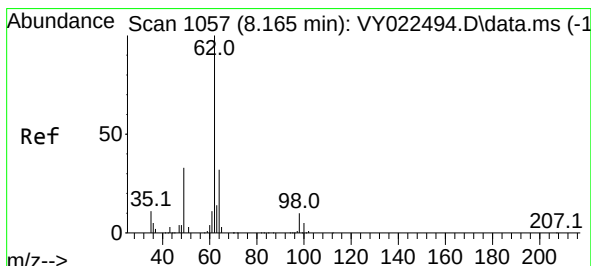
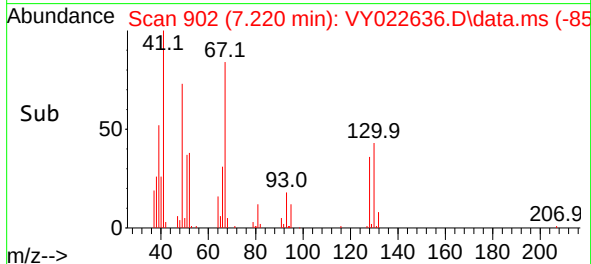
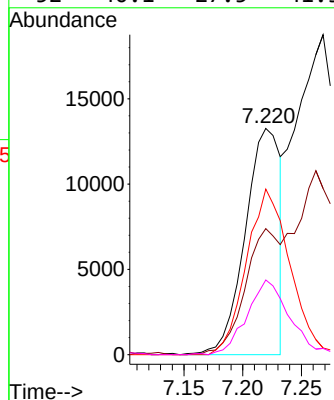
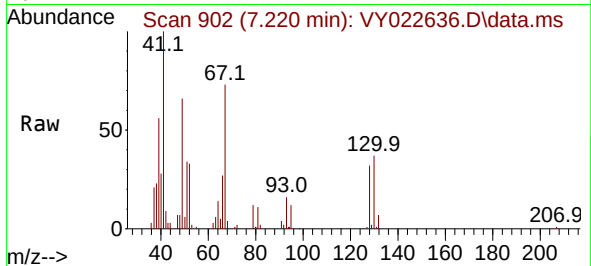




#41
Methacrylonitrile
Concen: 43.206 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

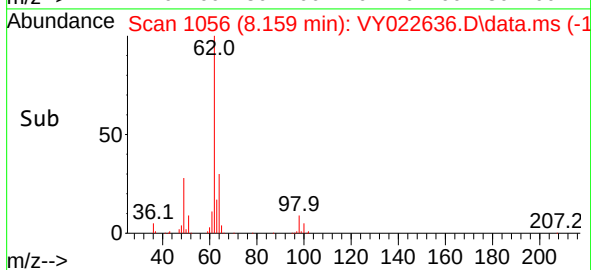
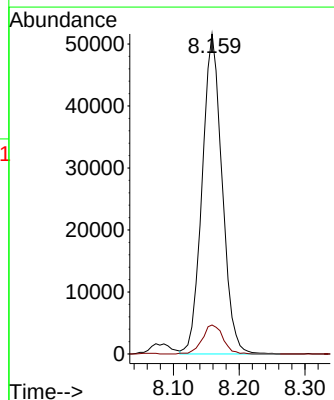
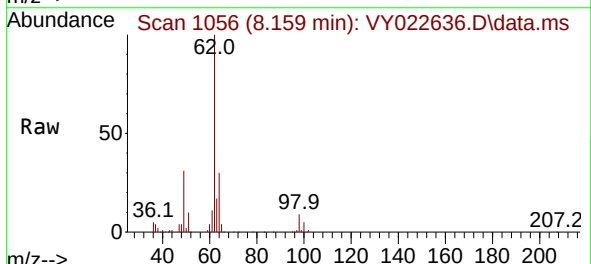
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

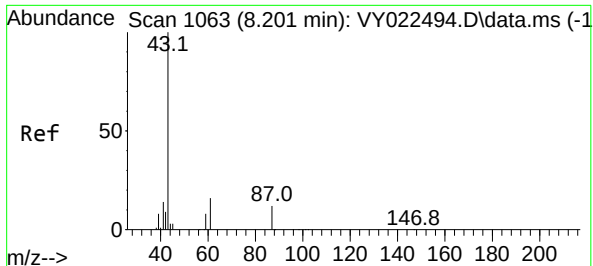
Tgt Ion:	41	Resp:	27621
Ion	Ratio	Lower	Upper
41	100		
39	55.4	46.6	69.8
67	91.0	63.3	94.9
52	40.1	27.5	41.3



#42
1,2-Dichloroethane
Concen: 54.948 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion:	62	Resp:	108757
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

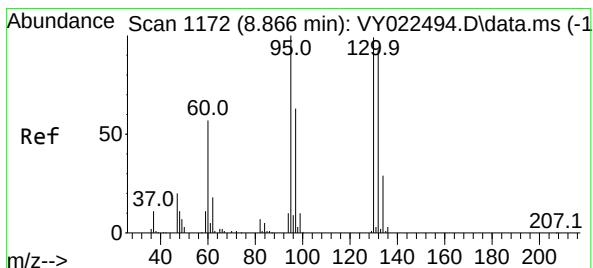
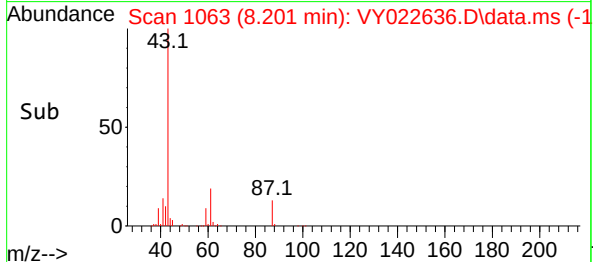
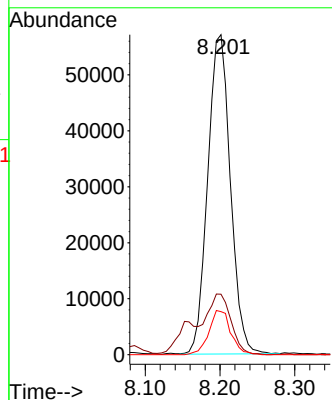
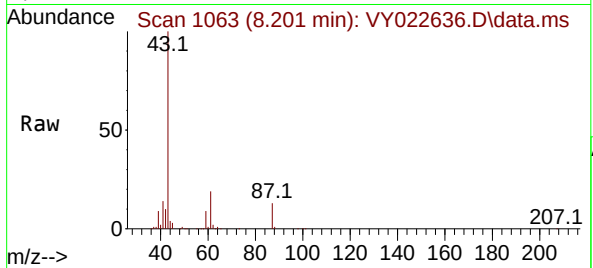




#43
Isopropyl Acetate
Concen: 50.970 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

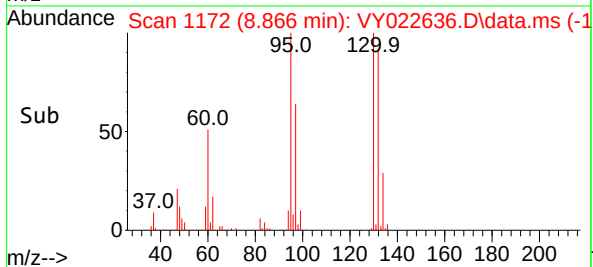
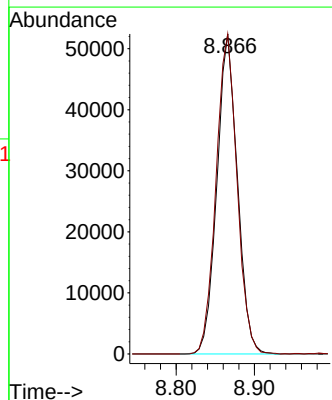
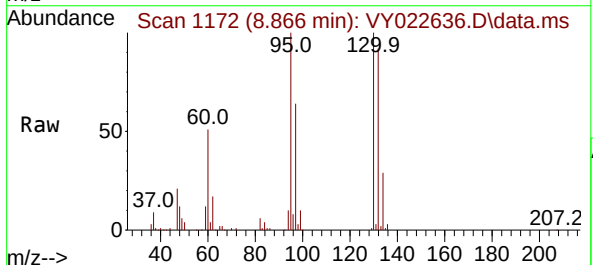
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

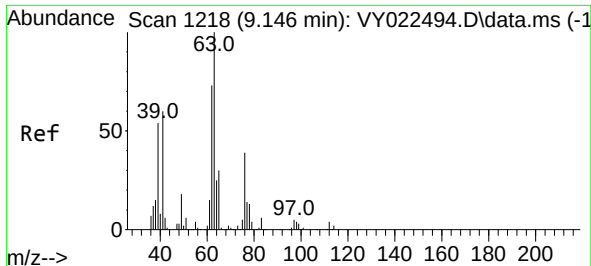
Tgt Ion: 43 Resp: 120482
Ion Ratio Lower Upper
43 100
61 20.3 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 53.799 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion:130 Resp: 95314
Ion Ratio Lower Upper
130 100
95 100.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 56.021 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

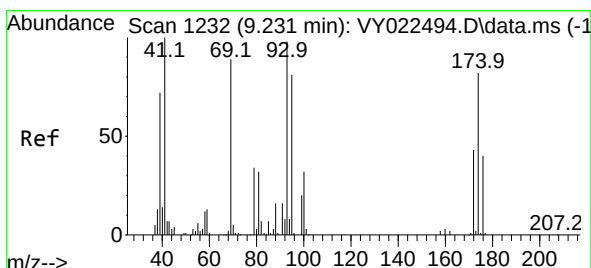
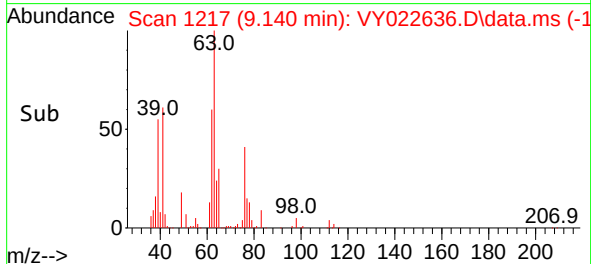
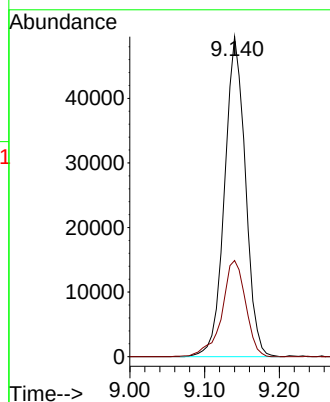
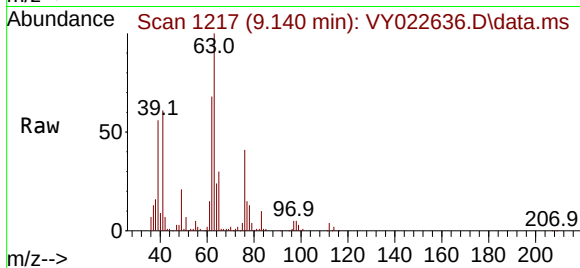
VSTDCCC050EC

Tgt Ion: 63 Resp: 95973

Ion Ratio Lower Upper

63 100

65 30.0 24.0 36.0



#46

Dibromomethane

Concen: 55.764 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

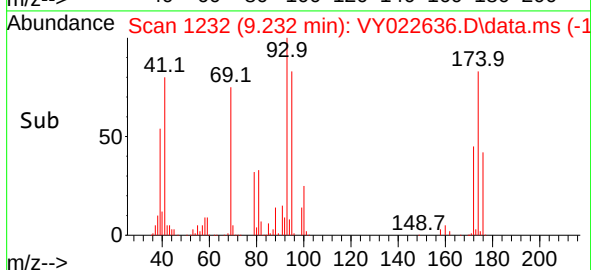
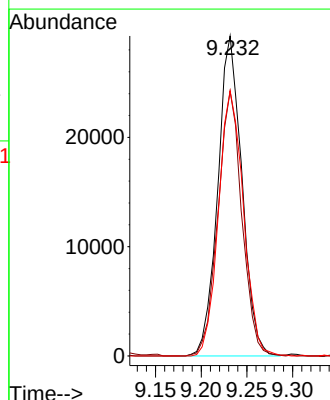
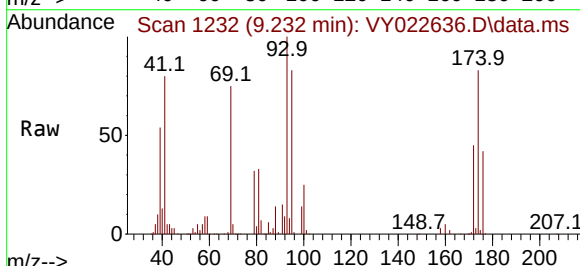
Tgt Ion: 93 Resp: 53745

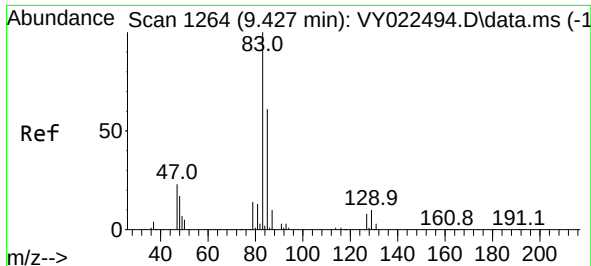
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 85.5 70.4 105.6

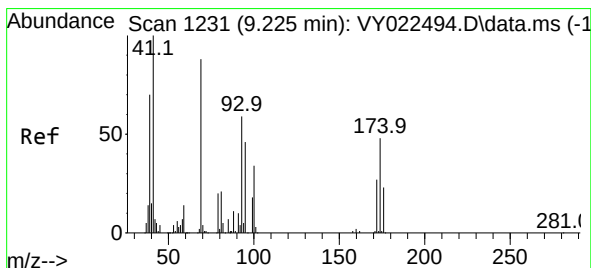
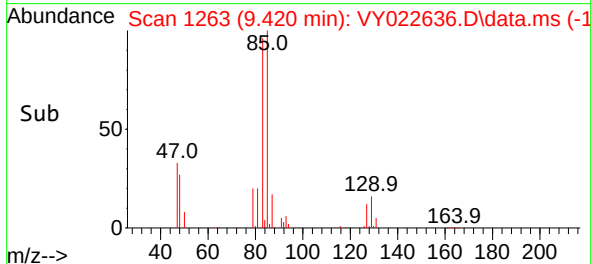
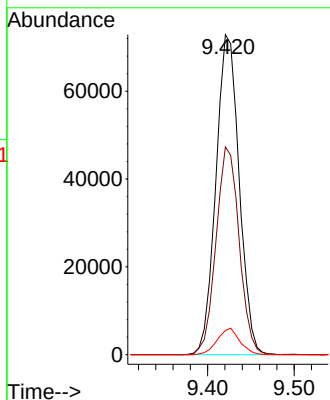
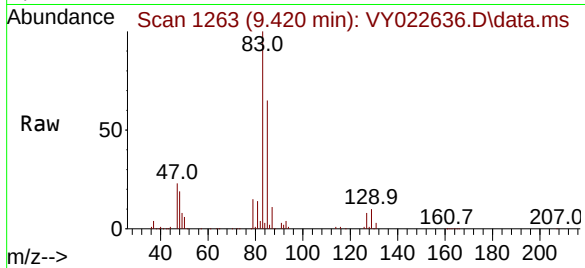




#47
Bromodichloromethane
Concen: 55.705 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

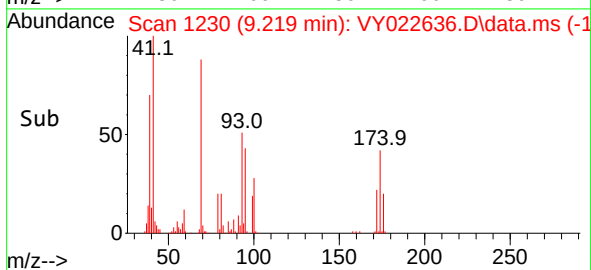
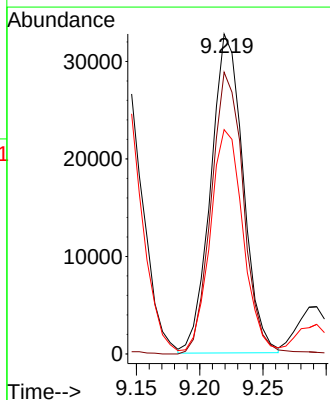
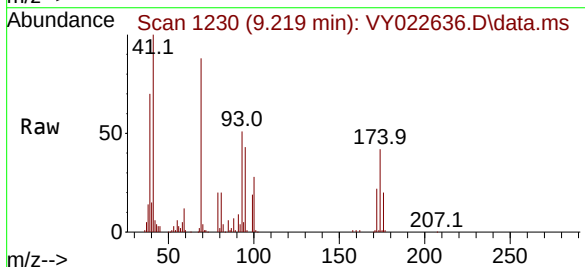
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

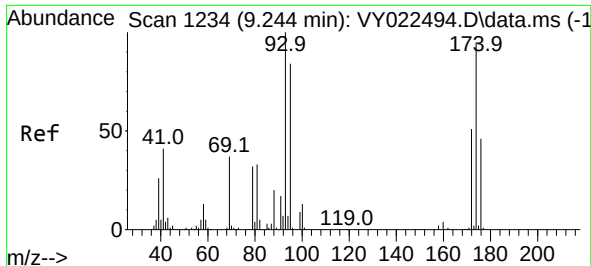
Tgt Ion: 83 Resp: 136134
Ion Ratio Lower Upper
83 100
85 64.9 49.1 73.7
127 7.5 6.2 9.4



#48
Methyl methacrylate
Concen: 52.683 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 41 Resp: 58446
Ion Ratio Lower Upper
41 100
69 88.1 67.8 101.8
39 69.4 55.0 82.4

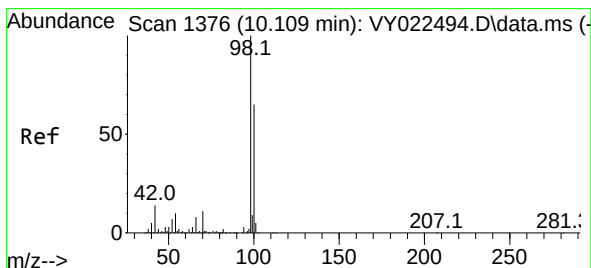
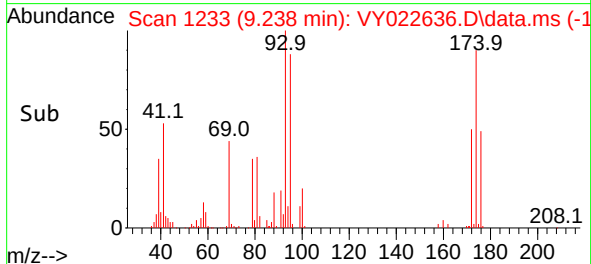
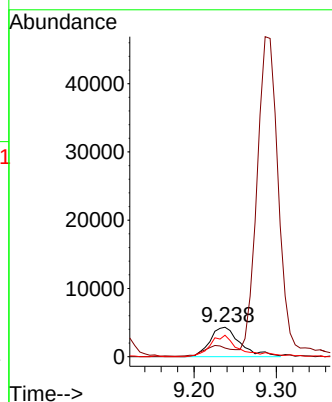
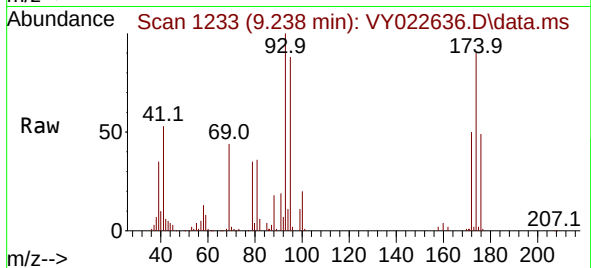




#49
1,4-Dioxane
Concen: 965.746 ug/l
RT: 9.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

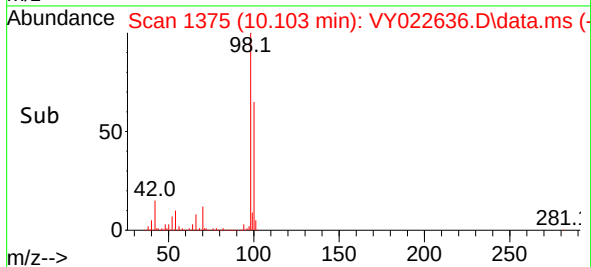
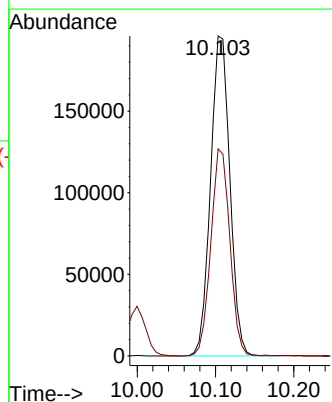
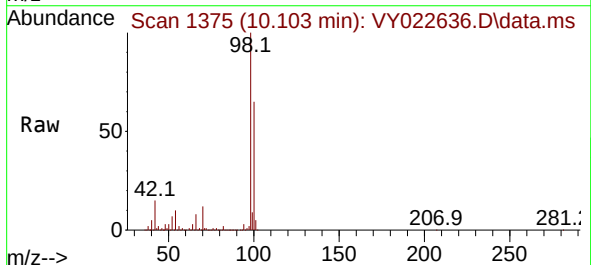
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

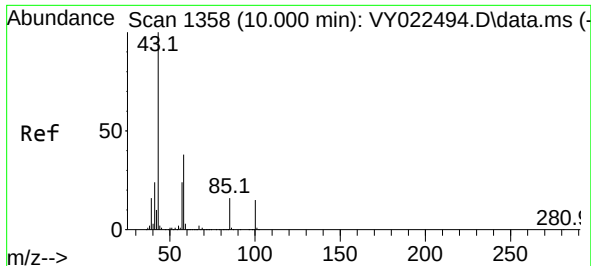
Tgt Ion: 88 Resp: 11027
Ion Ratio Lower Upper
88 100
43 31.5 25.4 38.2
58 63.2 54.9 82.3



#50
Toluene-d8
Concen: 55.070 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 98 Resp: 336483
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0

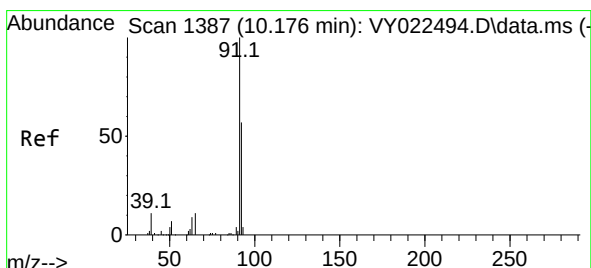
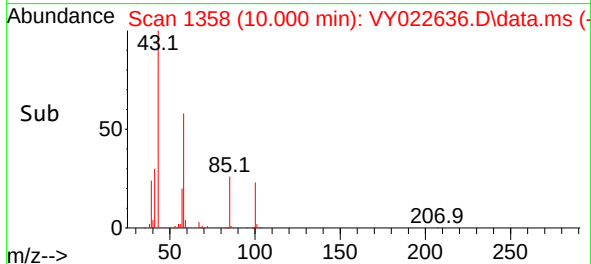
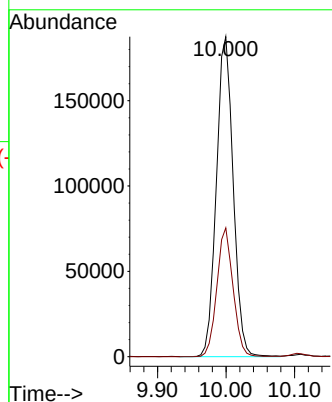
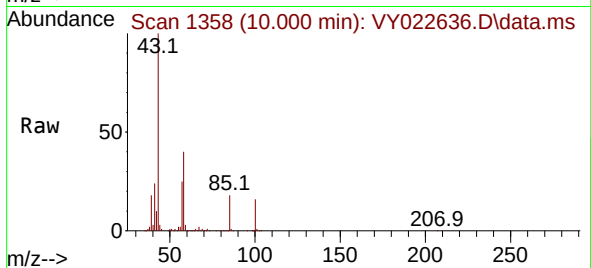




#51
4-Methyl-2-Pentanone
Concen: 270.216 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

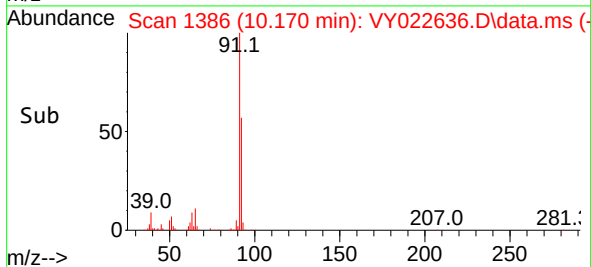
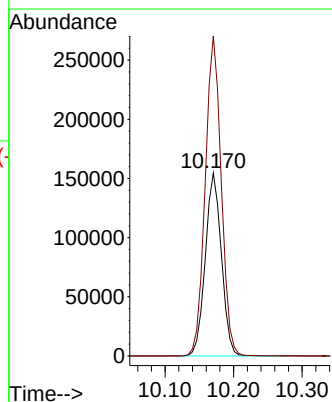
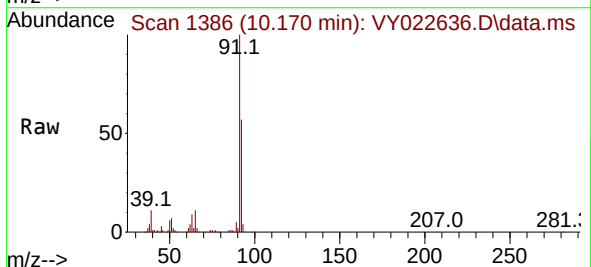
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

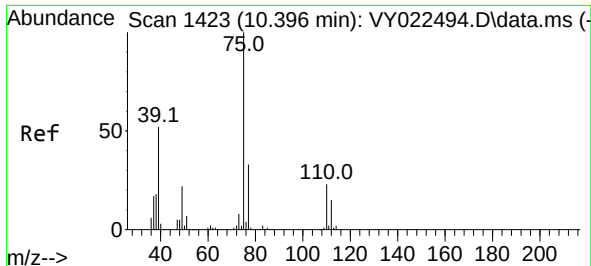
Tgt Ion: 43 Resp: 318450
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6



#52
Toluene
Concen: 55.449 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 92 Resp: 252594
Ion Ratio Lower Upper
92 100
91 174.4 139.0 208.4

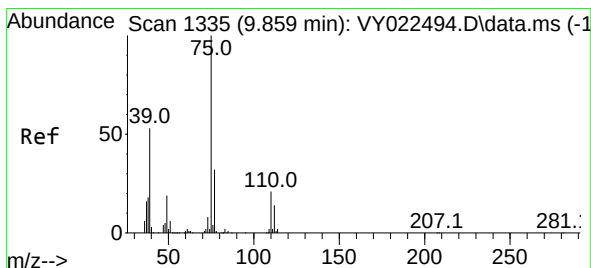
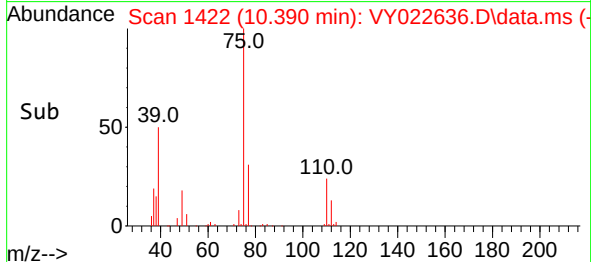
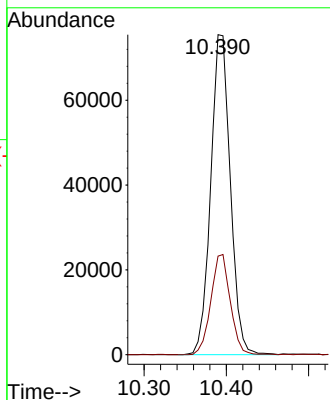
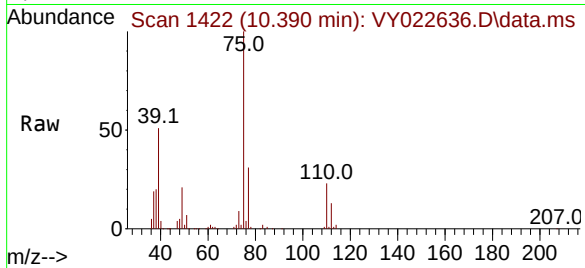




#53
t-1,3-Dichloropropene
Concen: 54.584 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

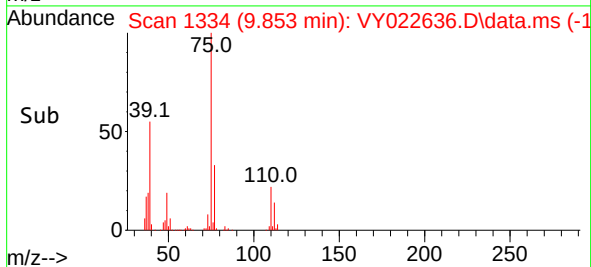
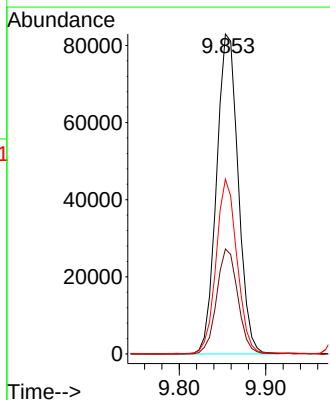
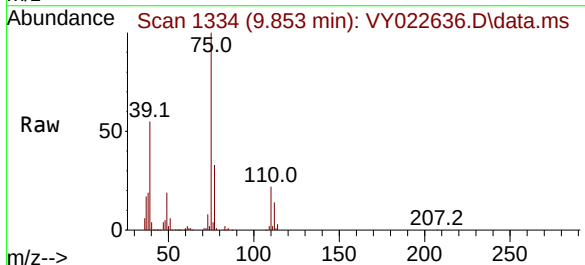
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

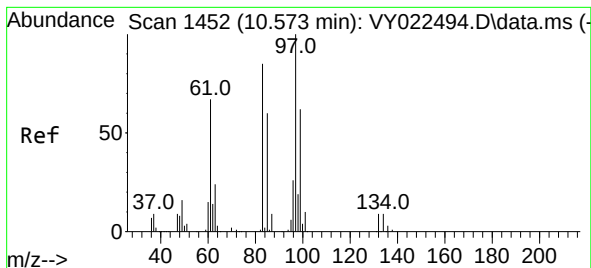
Tgt Ion: 75 Resp: 124985
Ion Ratio Lower Upper
75 100
77 30.8 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 54.077 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 75 Resp: 144139
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 54.4 42.7 64.1

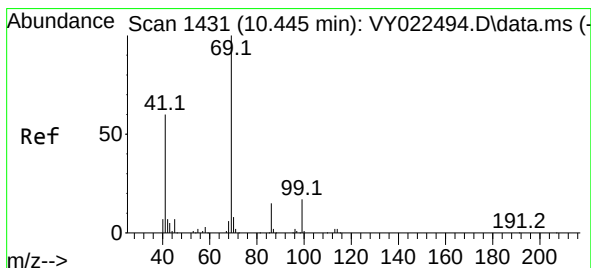
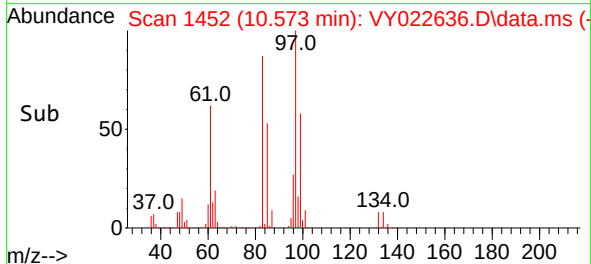
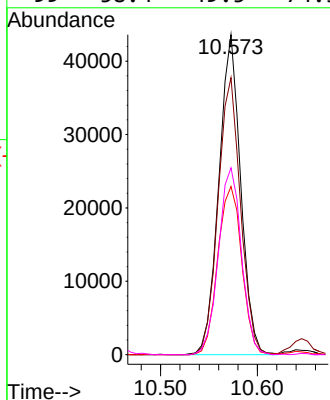
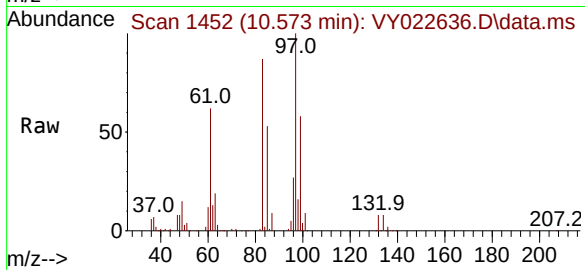




#55
1,1,2-Trichloroethane
Concen: 55.564 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

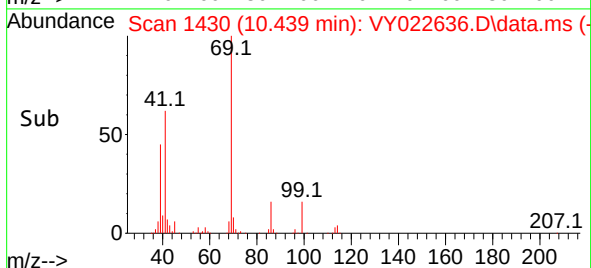
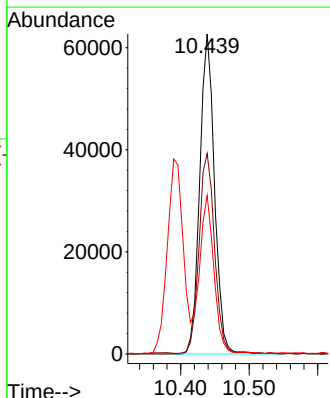
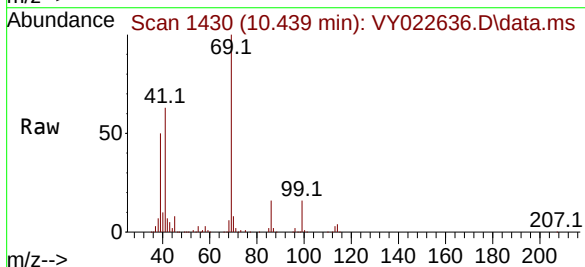
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

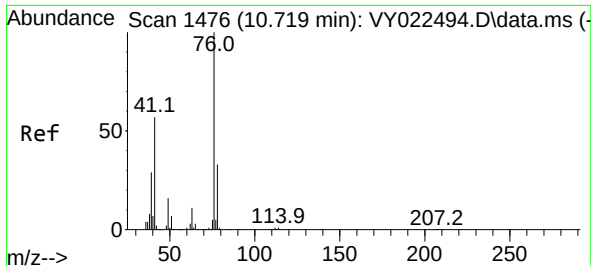
Tgt Ion: 97	Resp: 68286
Ion Ratio	Lower Upper
97 100	
83 86.5	68.1 102.1
85 52.5	48.2 72.2
99 58.4	49.5 74.3



#56
Ethyl methacrylate
Concen: 53.051 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 69	Resp: 94232
Ion Ratio	Lower Upper
69 100	
41 65.5	52.2 78.2
39 47.3	36.7 55.1





#57

1,3-Dichloropropane

Concen: 55.610 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

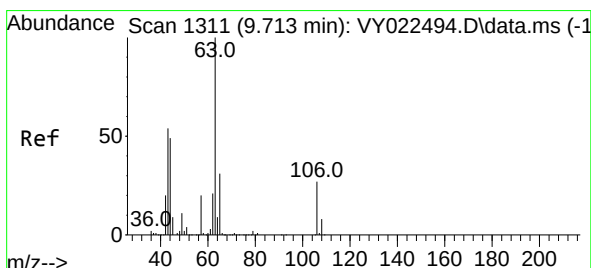
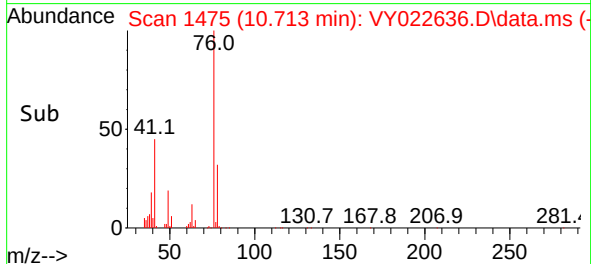
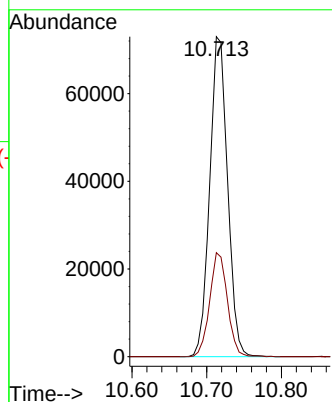
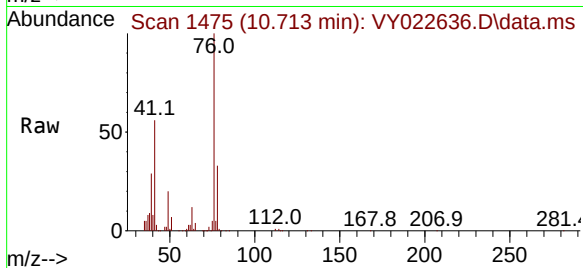
VSTDCCC050EC

Tgt Ion: 76 Resp: 121130

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 278.392 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022636.D

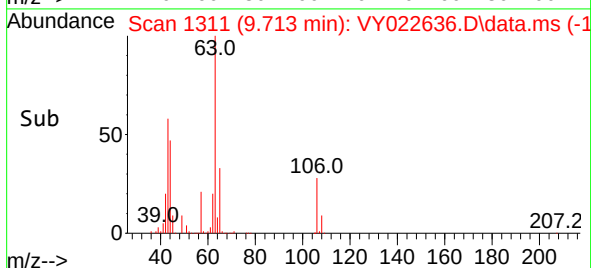
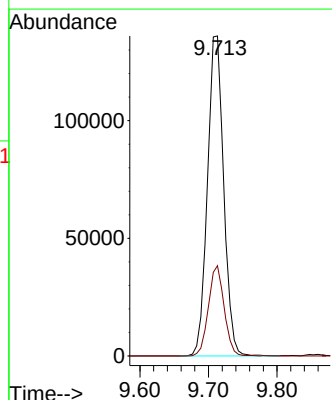
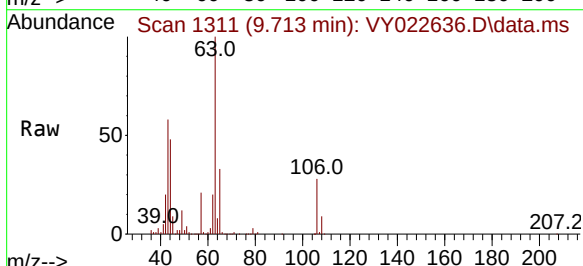
Acq: 09 Jun 2025 17:52

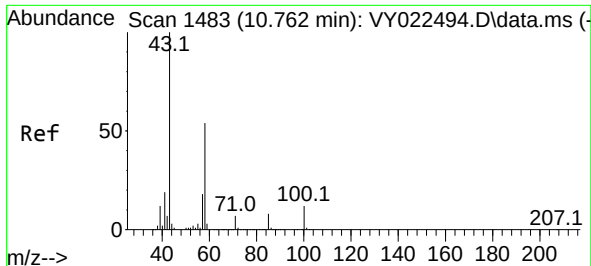
Tgt Ion: 63 Resp: 224511

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4





#59

2-Hexanone

Concen: 263.991 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

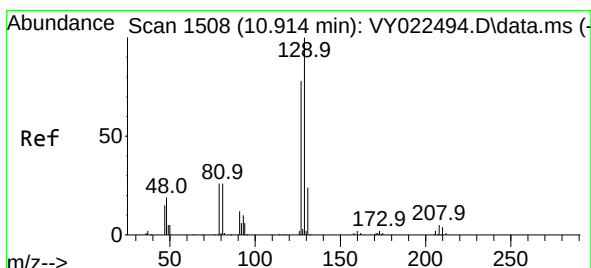
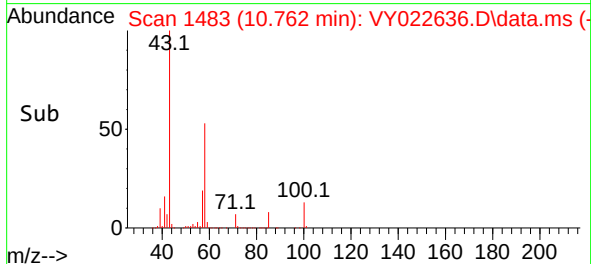
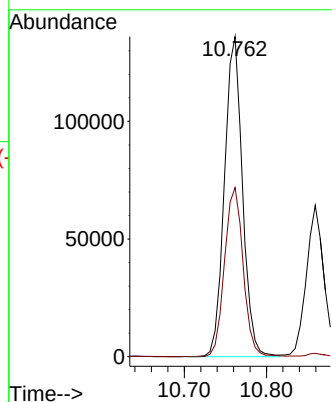
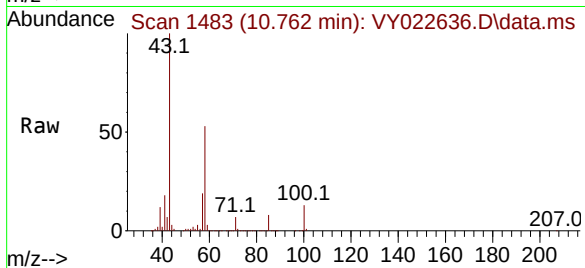
VSTDCCC050EC

Tgt Ion: 43 Resp: 208070

Ion Ratio Lower Upper

43 100

58 54.5 27.3 81.8



#60

Dibromochloromethane

Concen: 54.957 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY022636.D

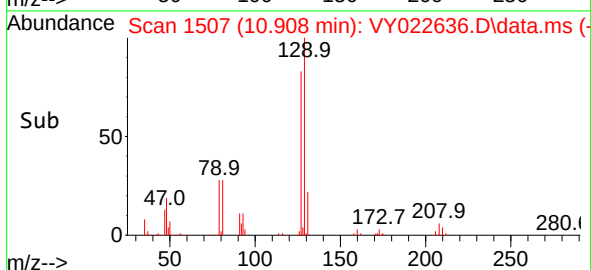
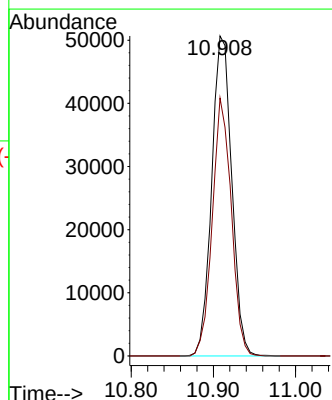
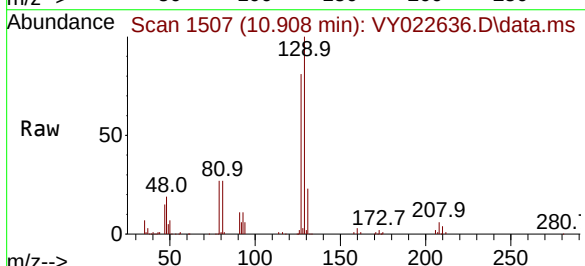
Acq: 09 Jun 2025 17:52

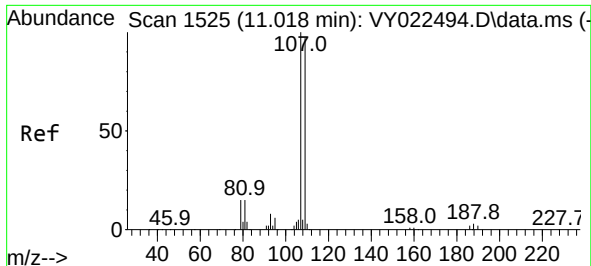
Tgt Ion: 129 Resp: 85832

Ion Ratio Lower Upper

129 100

127 76.2 39.1 117.2

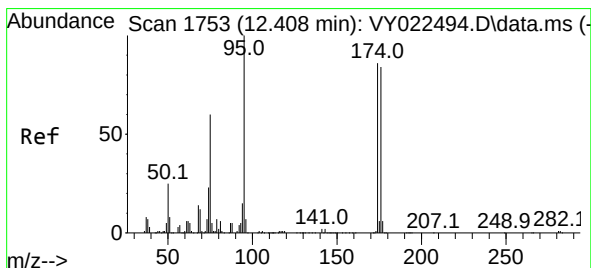
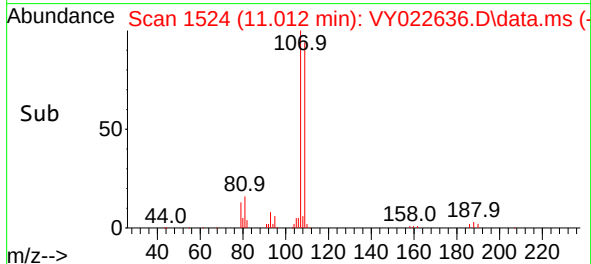
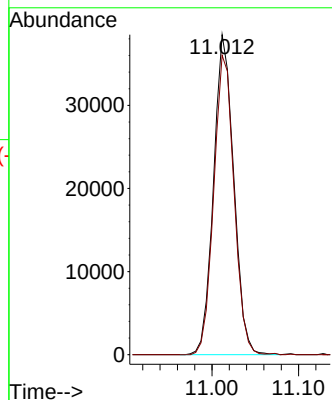
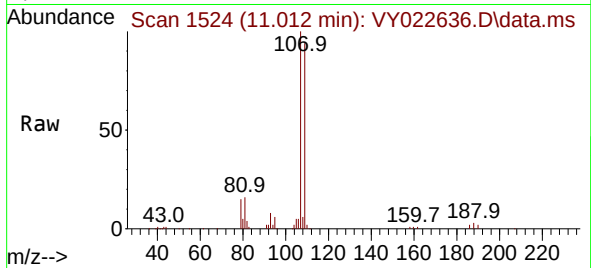




#61
1,2-Dibromoethane
Concen: 55.654 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

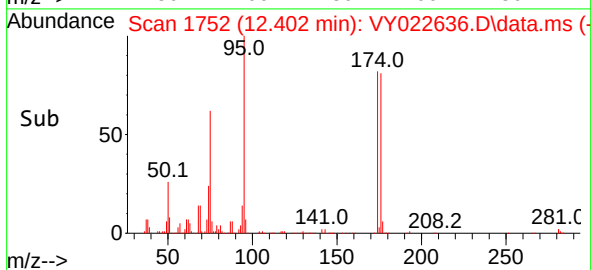
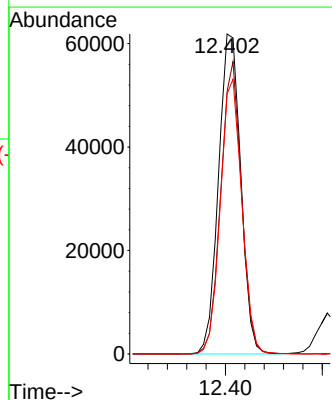
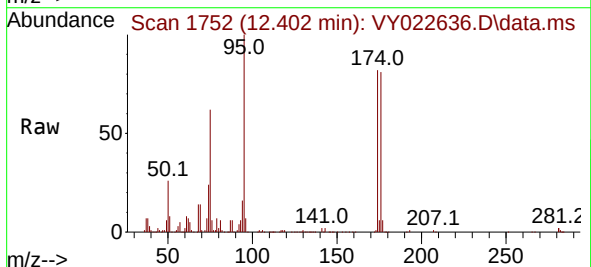
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

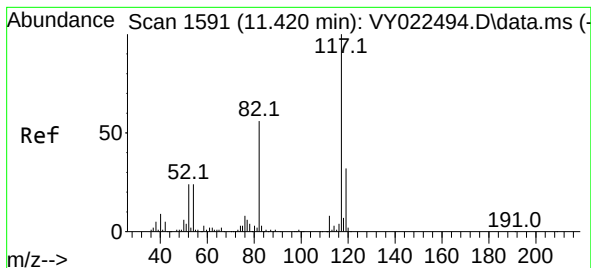
Tgt Ion:107 Resp: 62340
Ion Ratio Lower Upper
107 100
109 94.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 54.129 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 95 Resp: 98542
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 83.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

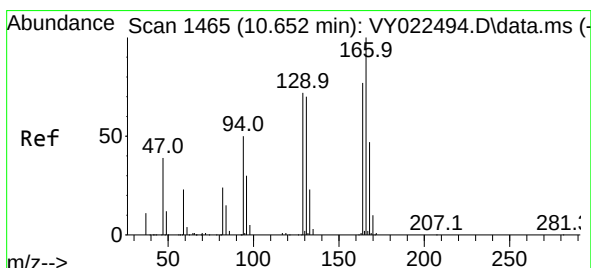
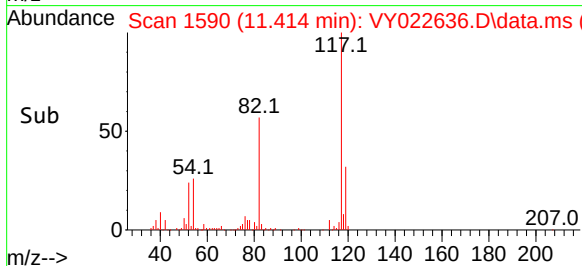
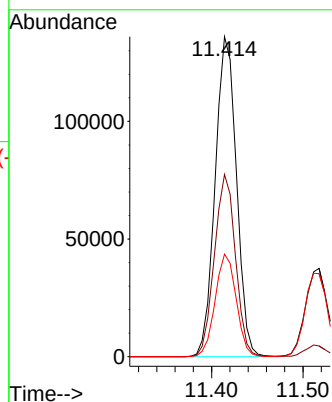
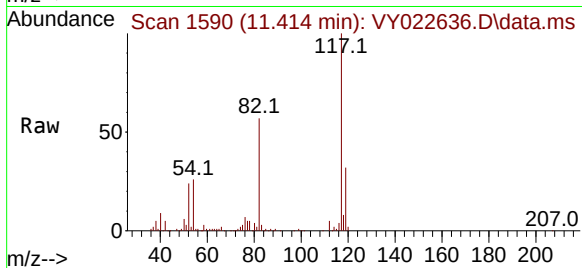
Tgt Ion:117 Resp: 220561

Ion Ratio Lower Upper

117 100

82 56.9 44.6 66.8

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 56.276 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Tgt Ion:164 Resp: 106773

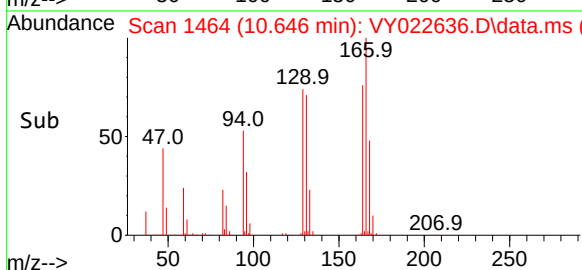
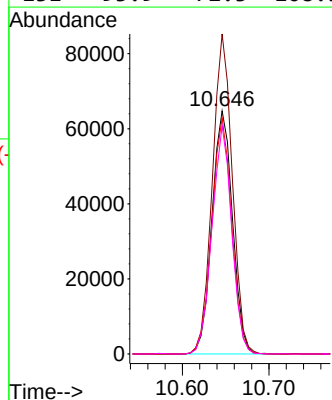
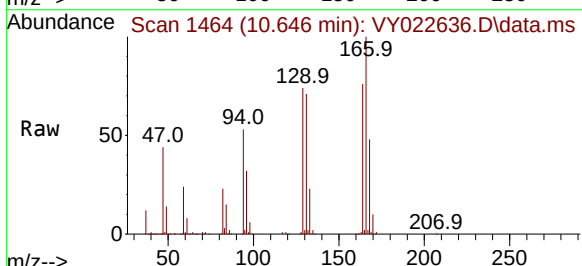
Ion Ratio Lower Upper

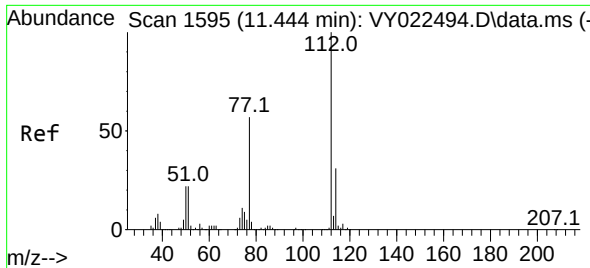
164 100

166 131.7 104.0 156.0

129 97.0 74.5 111.7

131 93.9 72.3 108.5

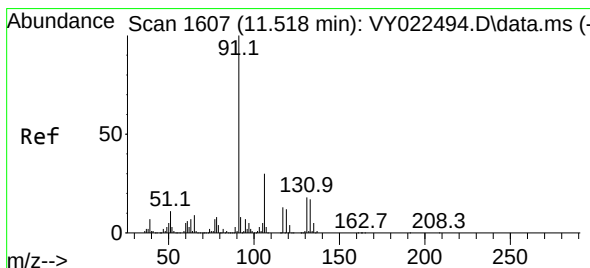
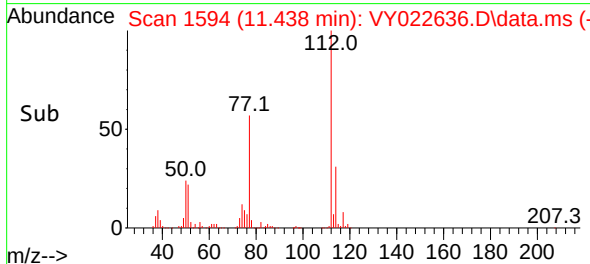
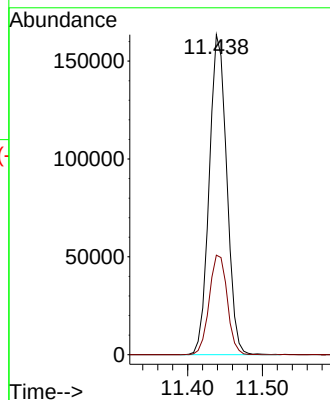
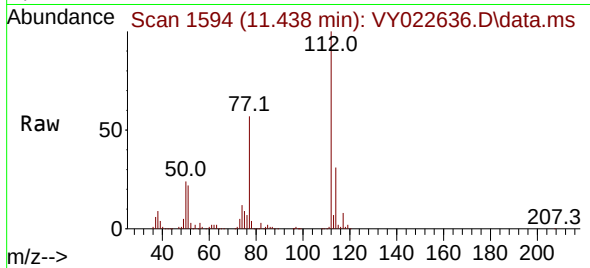




#65
Chlorobenzene
Concen: 54.563 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

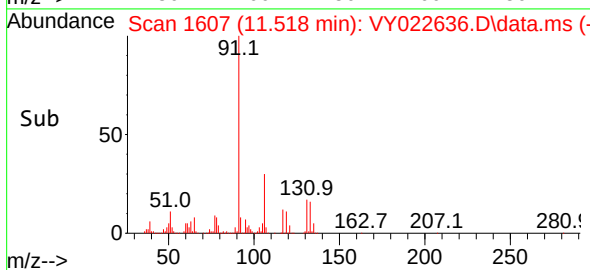
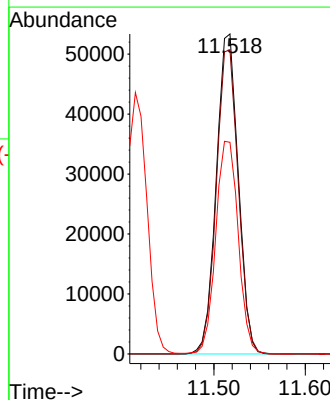
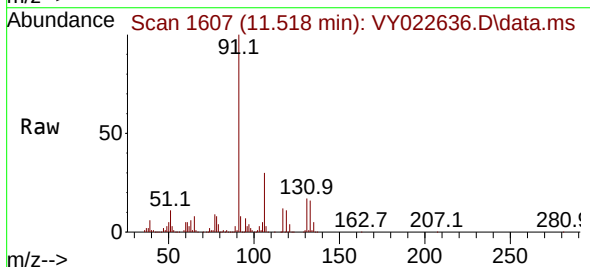
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

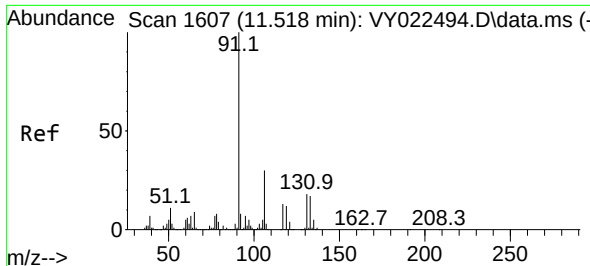
Tgt Ion:112 Resp: 266309
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.287 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion:131 Resp: 89259
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 68.1 33.1 99.3

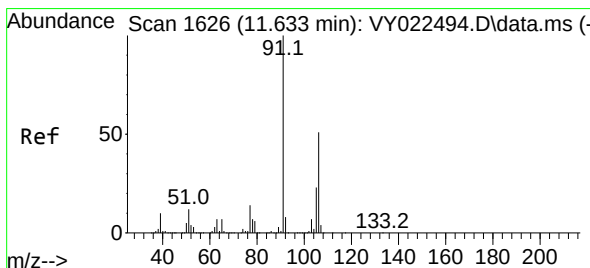
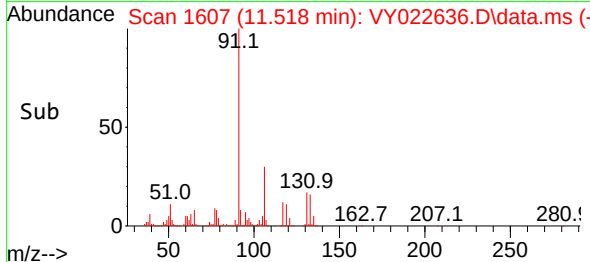
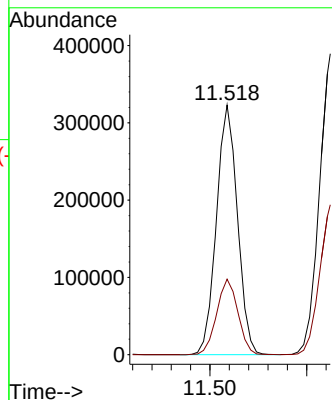
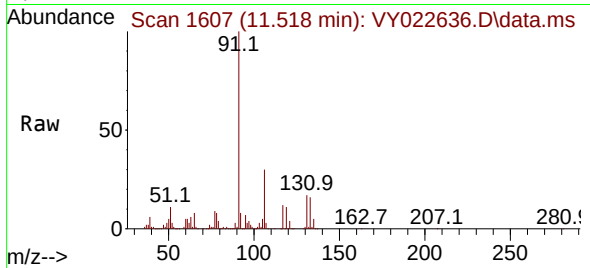




#67
Ethyl Benzene
Concen: 53.720 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

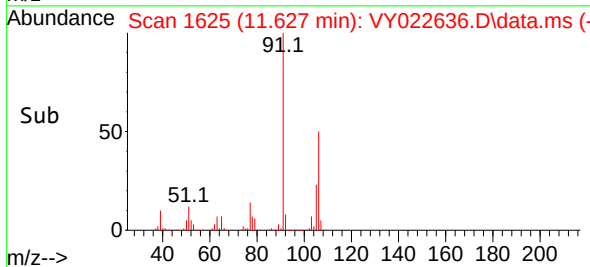
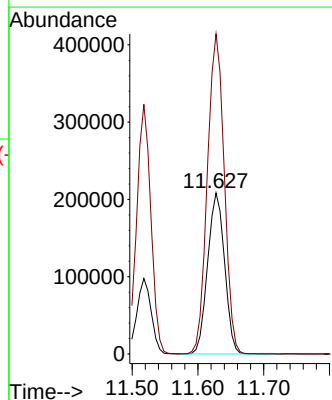
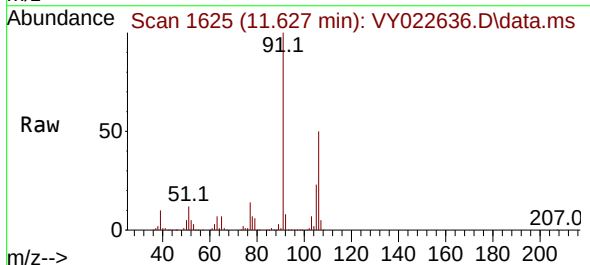
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

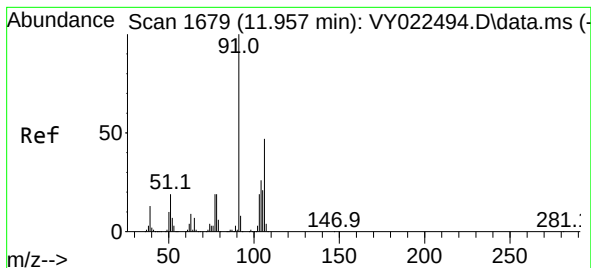
Tgt Ion: 91 Resp: 486310
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 108.620 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 106 Resp: 372759
Ion Ratio Lower Upper
106 100
91 198.1 159.4 239.0

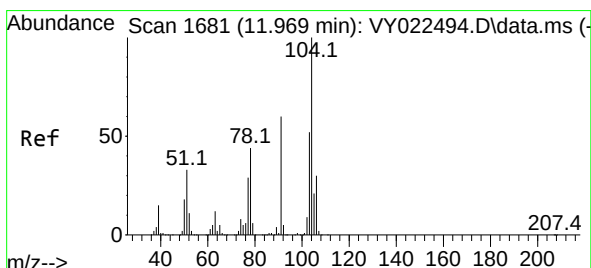
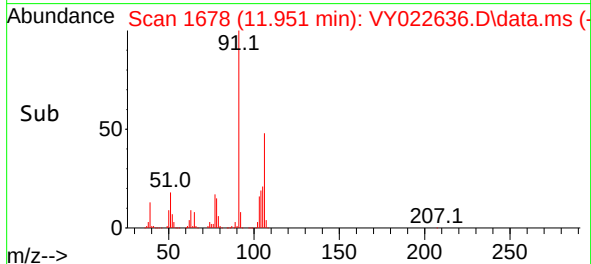
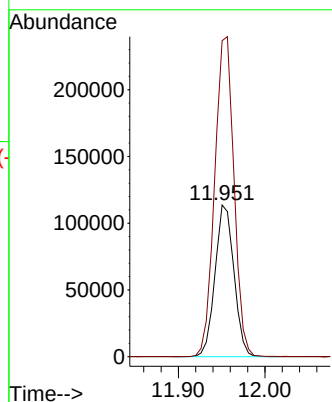
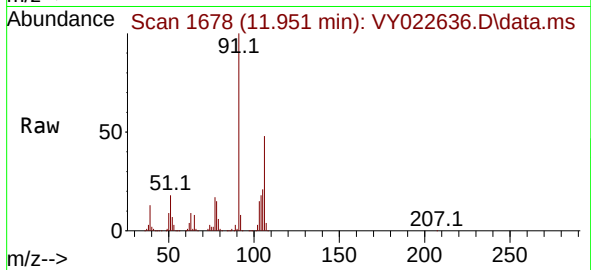




#69
o-Xylene
Concen: 53.637 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

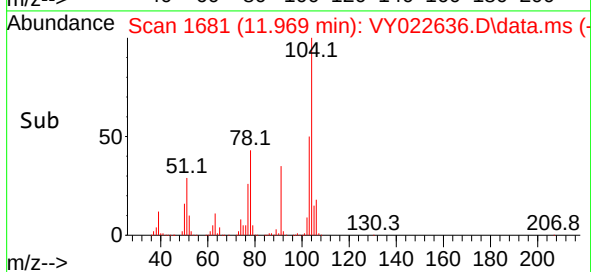
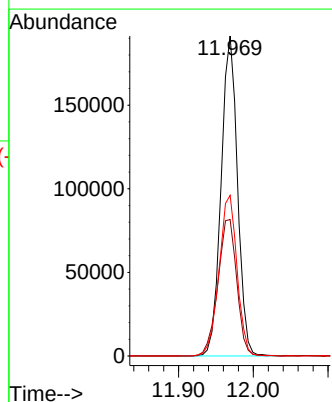
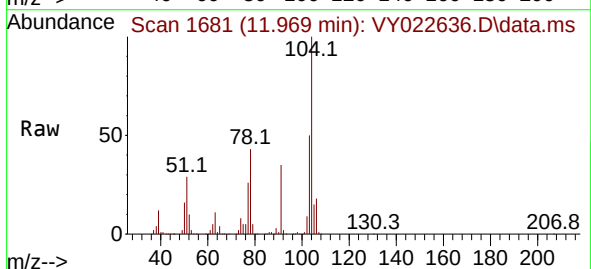
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

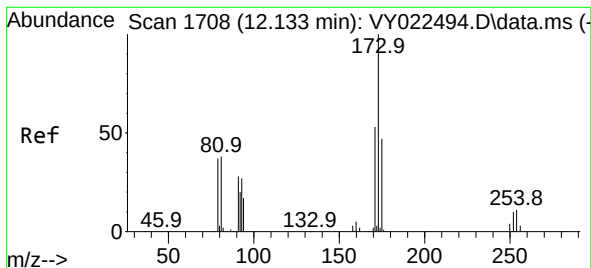
Tgt Ion:106 Resp: 172578
Ion Ratio Lower Upper
106 100
91 215.4 105.8 317.3



#70
Styrene
Concen: 54.973 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion:104 Resp: 292377
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 55.2 44.1 66.1





#71

Bromoform

Concen: 53.296 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

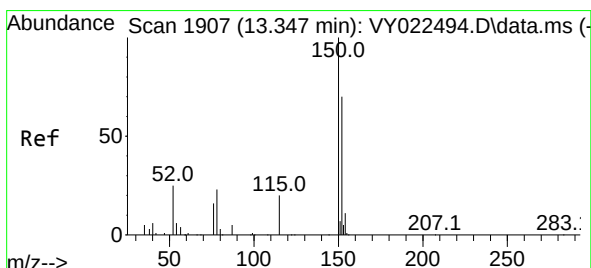
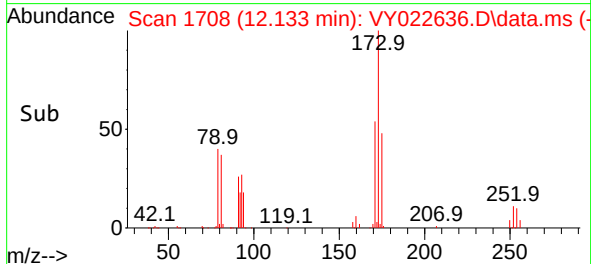
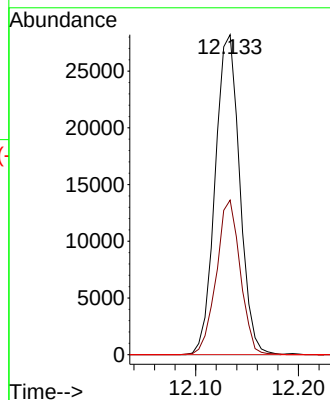
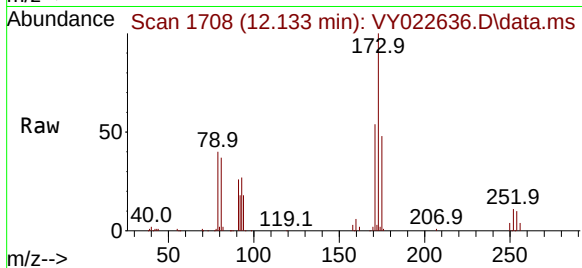
Tgt Ion:173 Resp: 46631

Ion Ratio Lower Upper

173 100

175 47.2 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

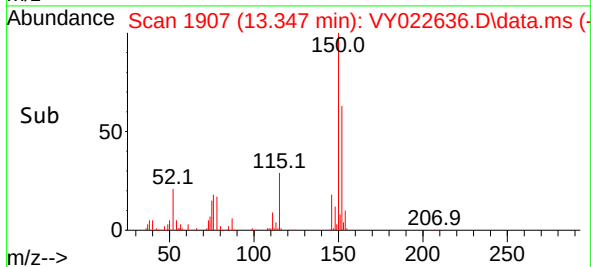
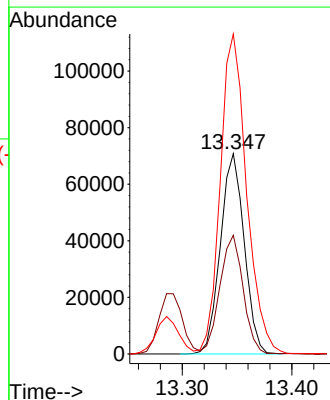
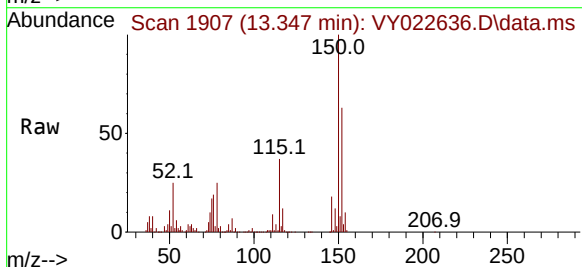
Tgt Ion:152 Resp: 106875

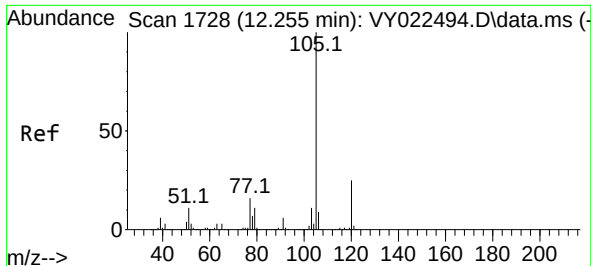
Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

150 176.6 0.0 349.6

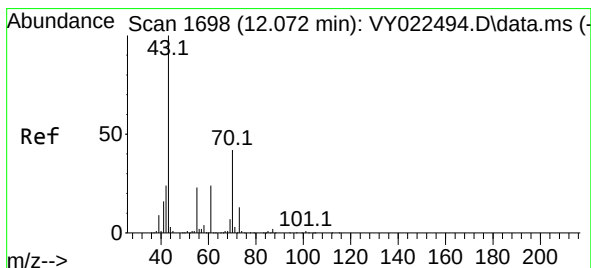
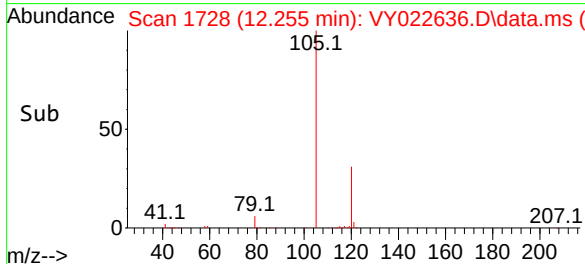
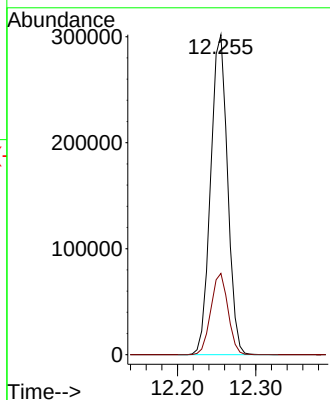
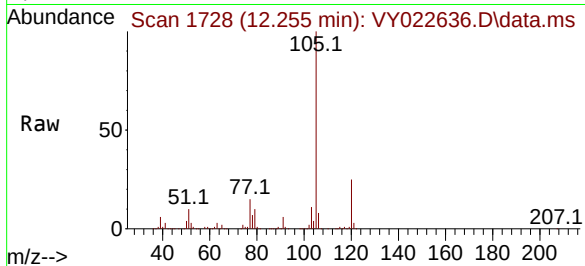




#73
Isopropylbenzene
Concen: 51.588 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

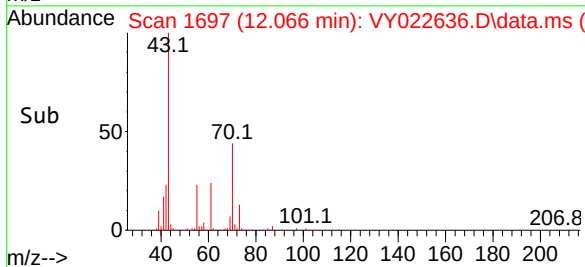
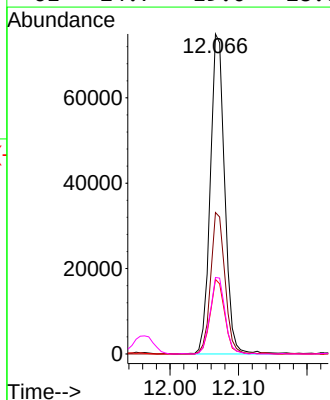
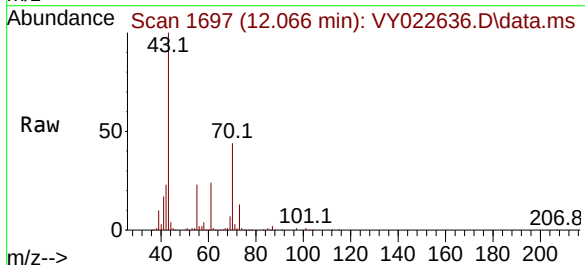
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

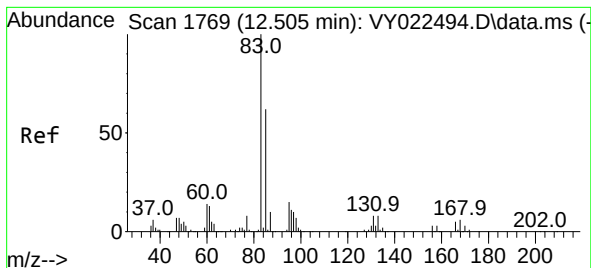
Tgt Ion:105 Resp: 452653
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 49.459 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 43 Resp: 109500
Ion Ratio Lower Upper
43 100
70 43.8 34.2 51.2
55 23.5 18.2 27.4
61 24.7 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 50.901 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

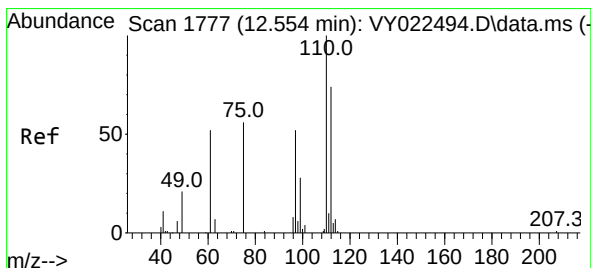
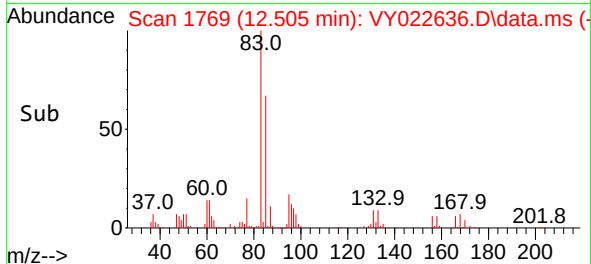
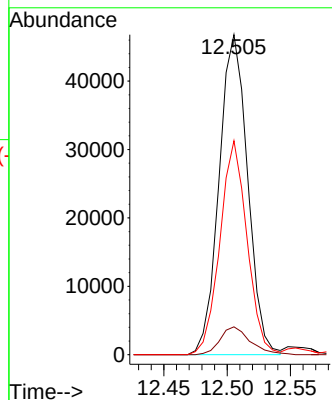
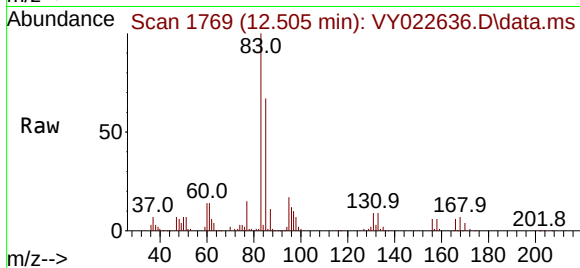
Tgt Ion: 83 Resp: 73303

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 63.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 84.977 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022636.D

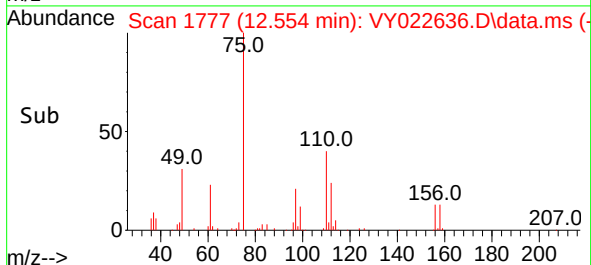
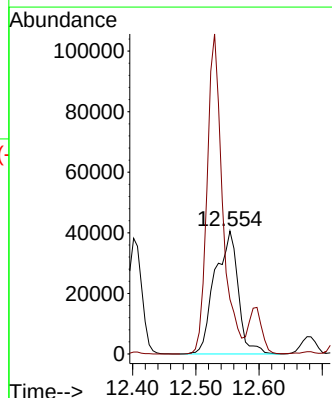
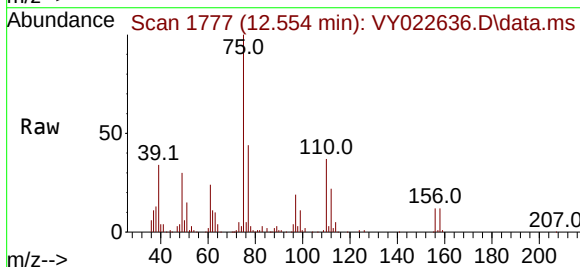
Acq: 09 Jun 2025 17:52

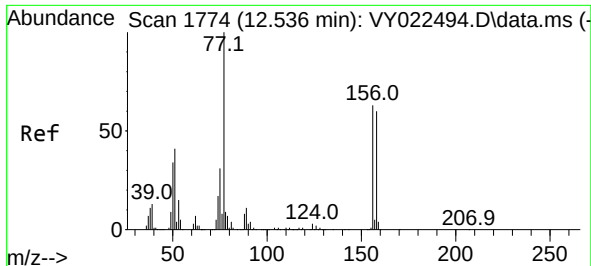
Tgt Ion: 75 Resp: 103901

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

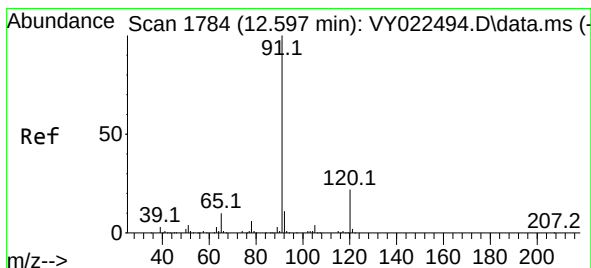
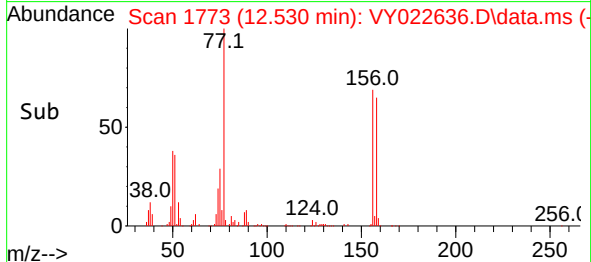
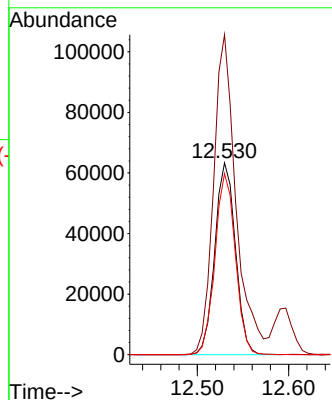
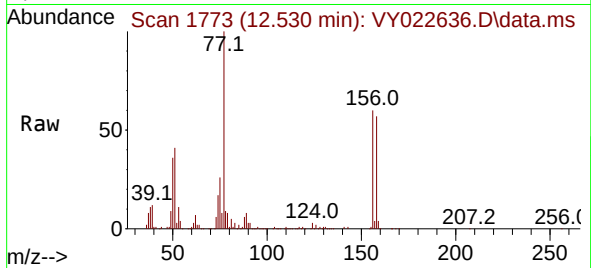




#77
Bromobenzene
Concen: 53.636 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

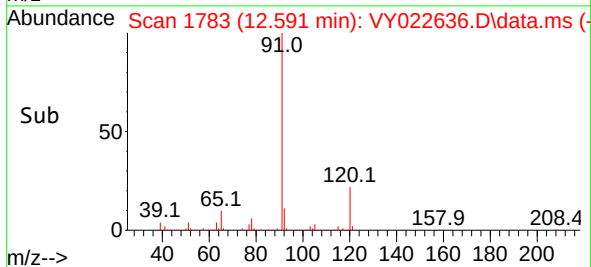
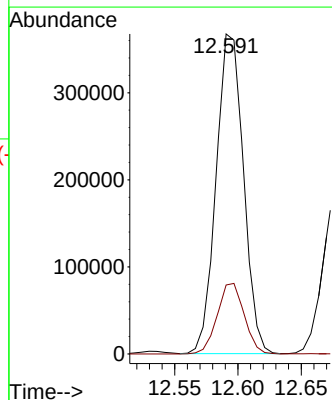
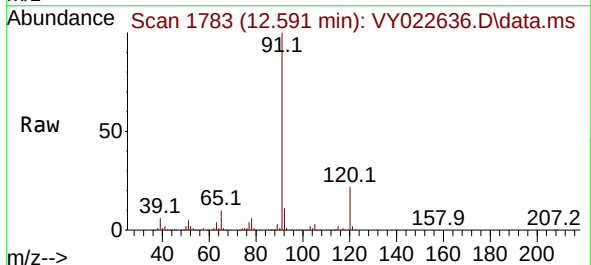
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

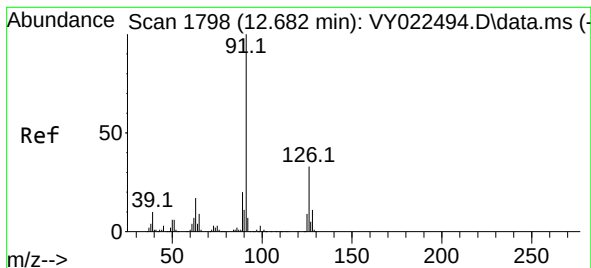
Tgt Ion:156 Resp: 99313
Ion Ratio Lower Upper
156 100
77 181.0 94.0 282.1
158 93.3 48.2 144.6



#78
n-propylbenzene
Concen: 51.532 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 91 Resp: 552268
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 52.084 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

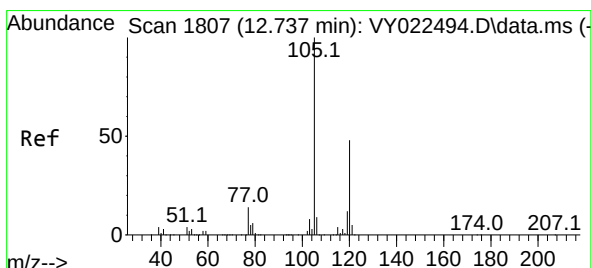
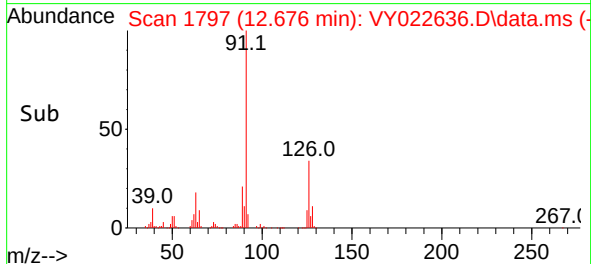
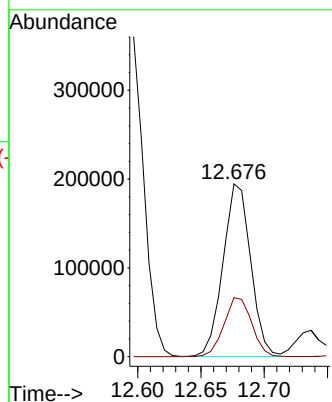
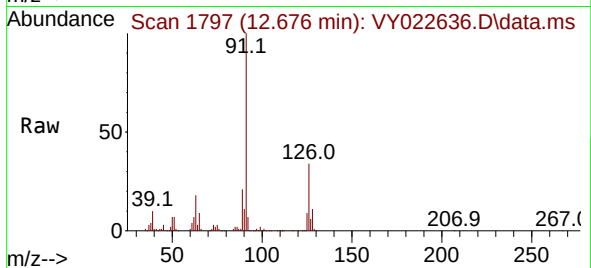
VSTDCCC050EC

Tgt Ion: 91 Resp: 295842

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 51.686 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022636.D

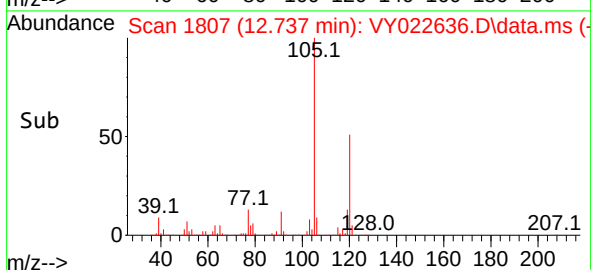
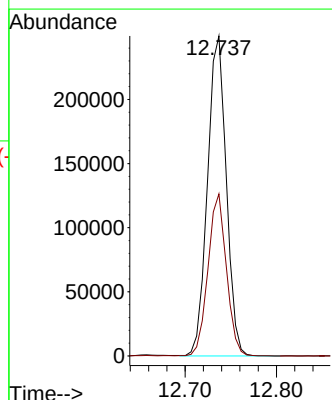
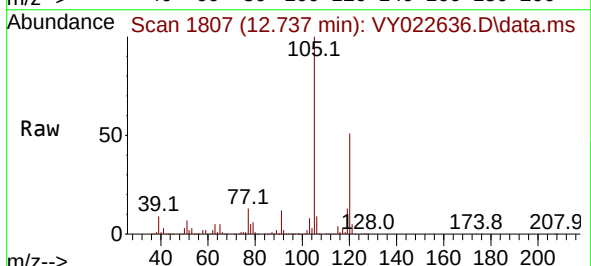
Acq: 09 Jun 2025 17:52

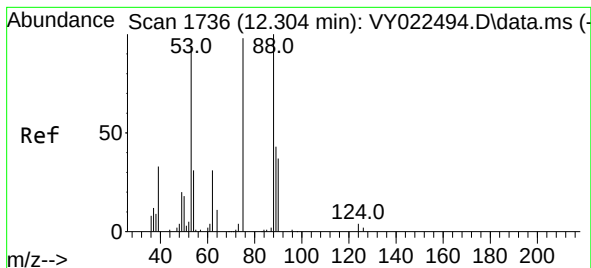
Tgt Ion:105 Resp: 356048

Ion Ratio Lower Upper

105 100

120 49.6 24.1 72.4

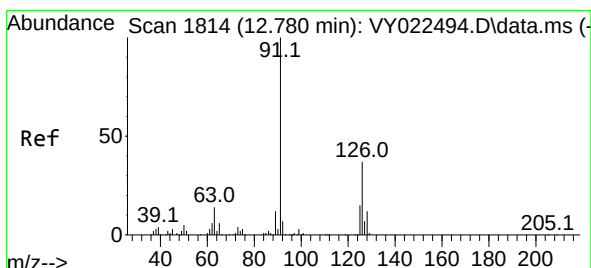
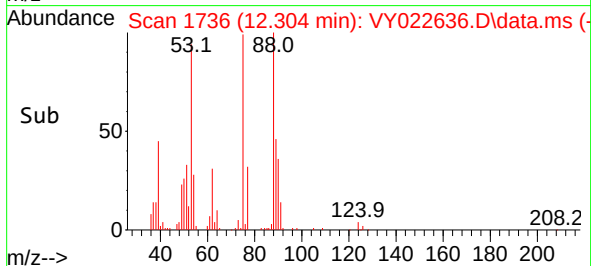
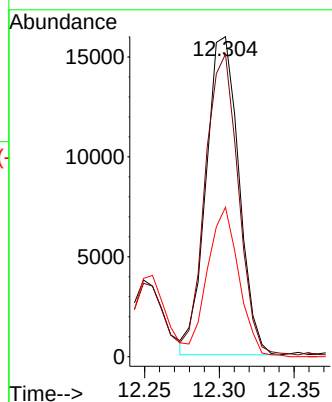
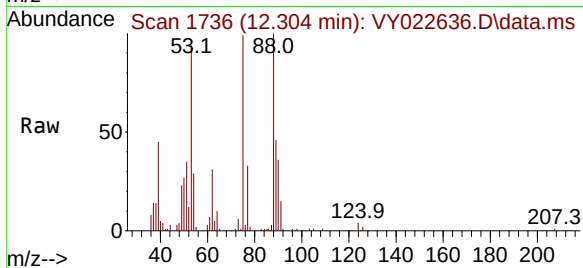




#81
trans-1,4-Dichloro-2-butene
Concen: 48.096 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

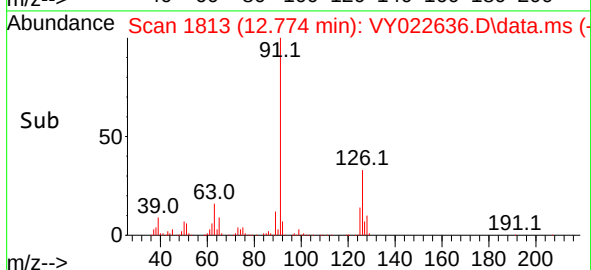
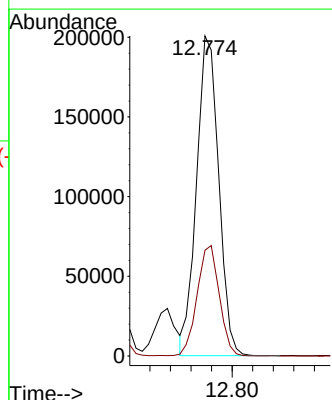
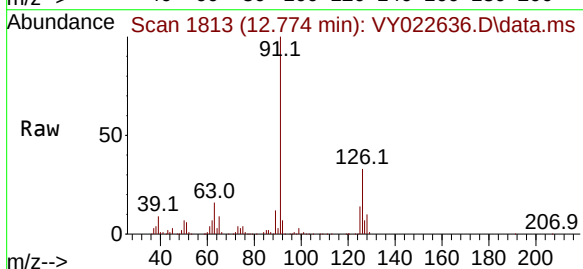
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

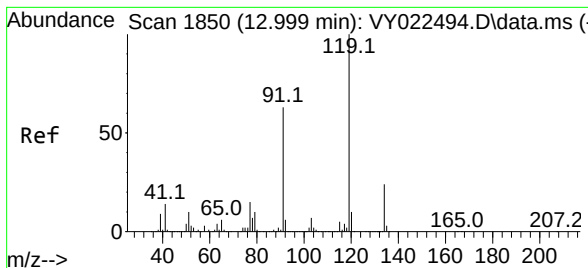
Tgt Ion: 75 Resp: 24351
Ion Ratio Lower Upper
75 100
53 95.5 78.5 117.7
89 44.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 51.326 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022636.D
Acq: 09 Jun 2025 17:52

Tgt Ion: 91 Resp: 300746
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9





#83

tert-Butylbenzene

Concen: 52.212 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

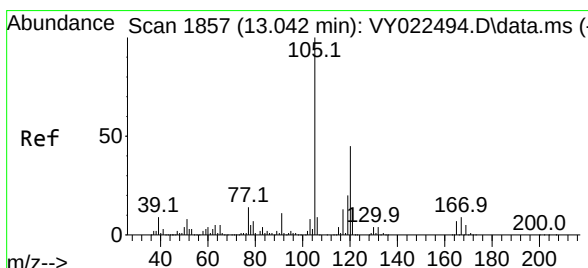
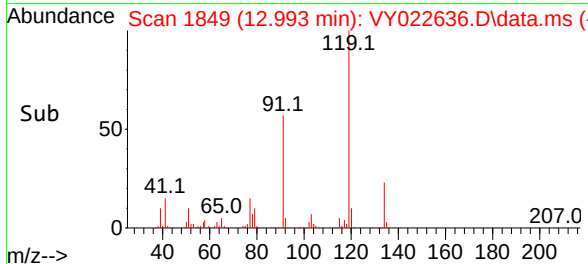
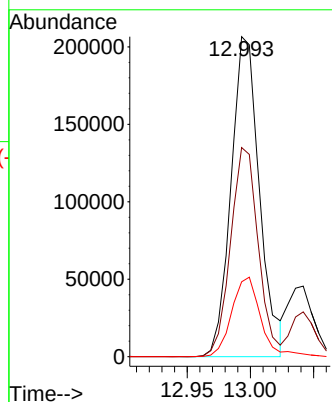
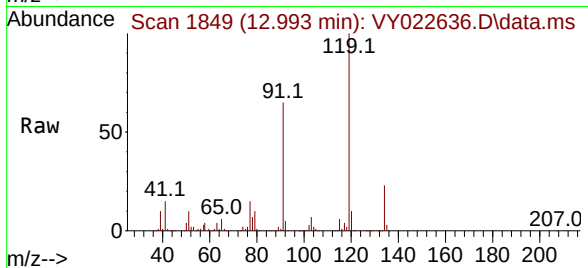
Tgt Ion:119 Resp: 322813

Ion Ratio Lower Upper

119 100

91 63.8 32.1 96.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.500 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022636.D

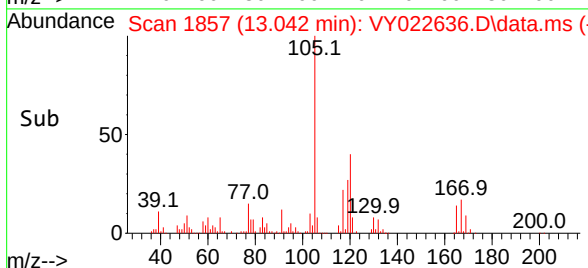
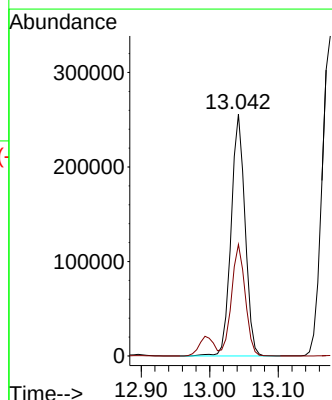
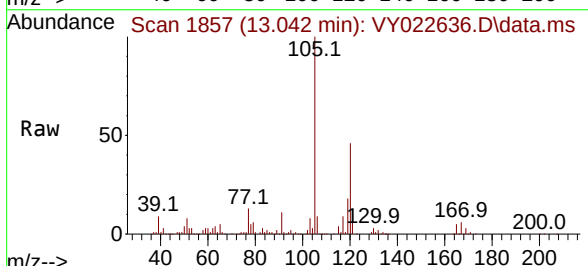
Acq: 09 Jun 2025 17:52

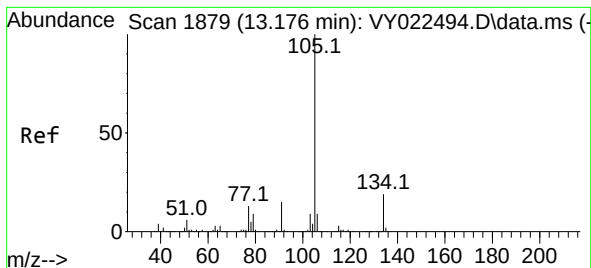
Tgt Ion:105 Resp: 361717

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.403 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

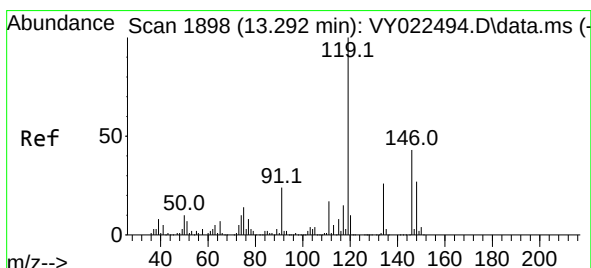
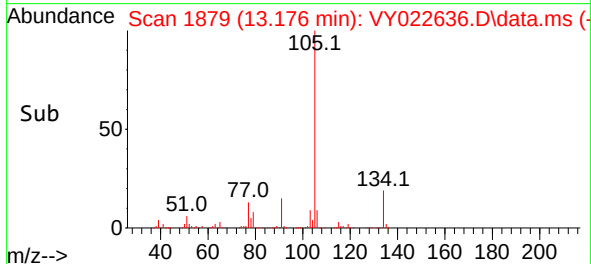
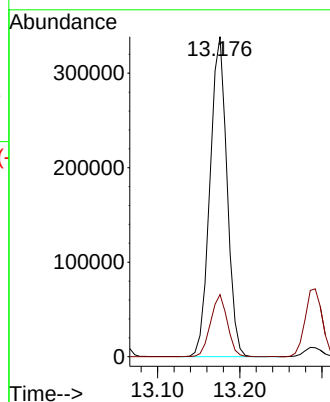
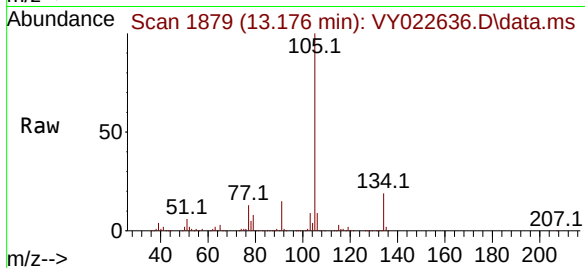
VSTDCCC050EC

Tgt Ion:105 Resp: 486738

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.652 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

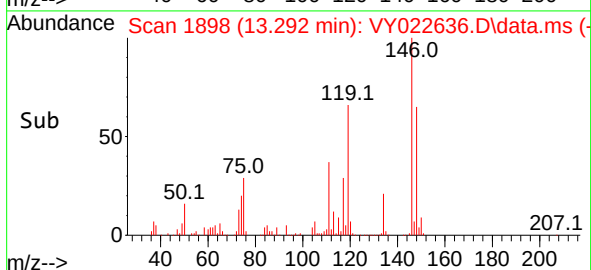
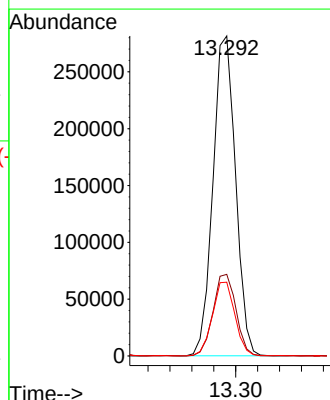
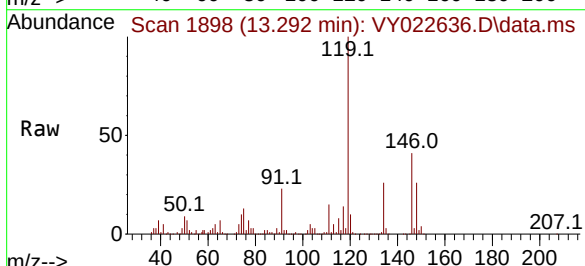
Tgt Ion:119 Resp: 403150

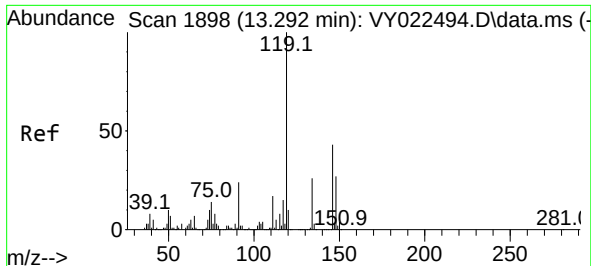
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 53.471 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

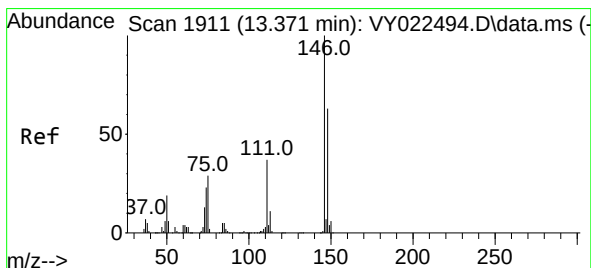
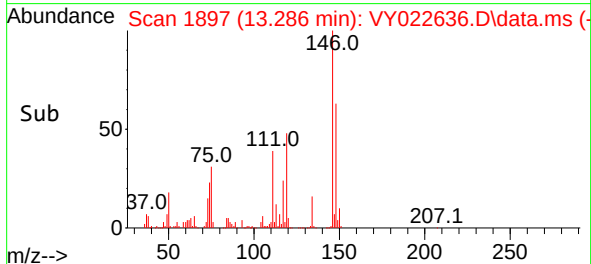
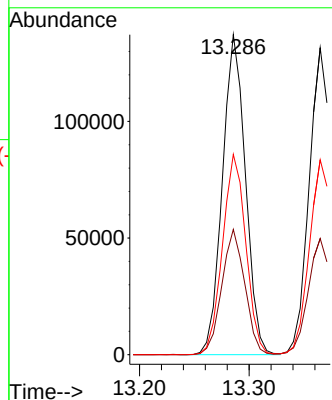
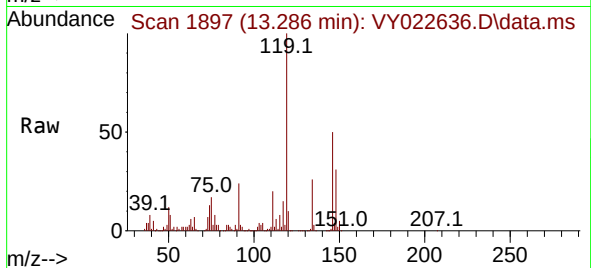
Tgt Ion:146 Resp: 200600

Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.2

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 52.631 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

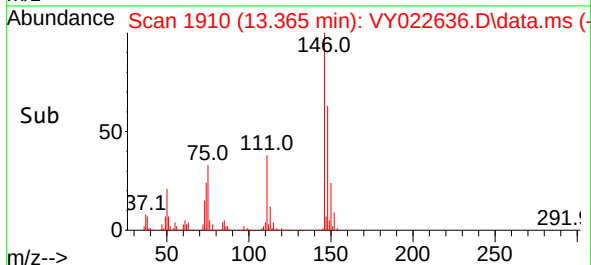
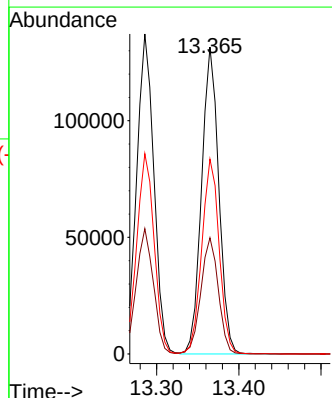
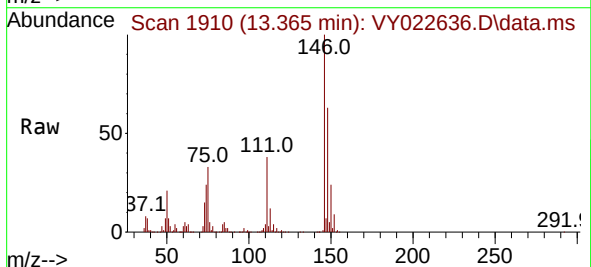
Tgt Ion:146 Resp: 191507

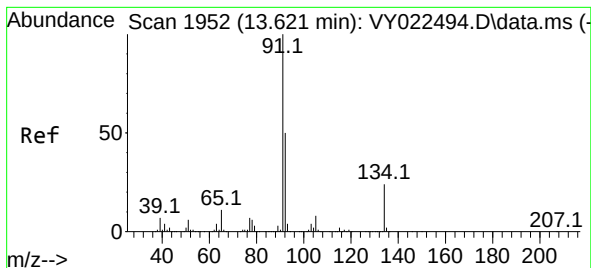
Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 51.632 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

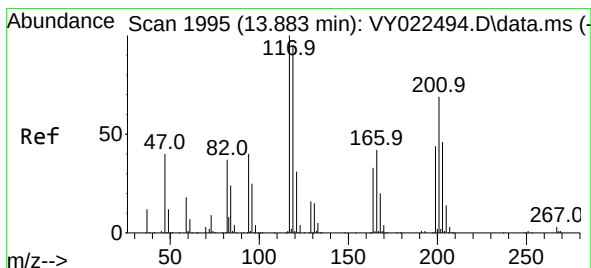
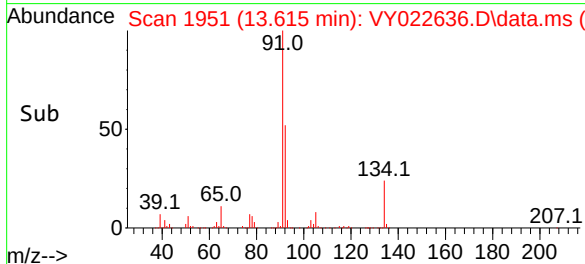
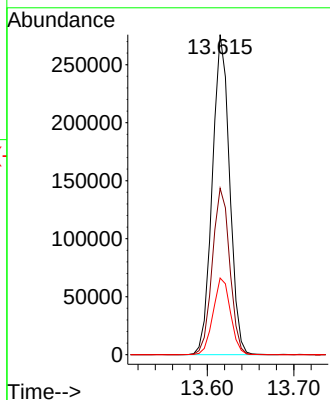
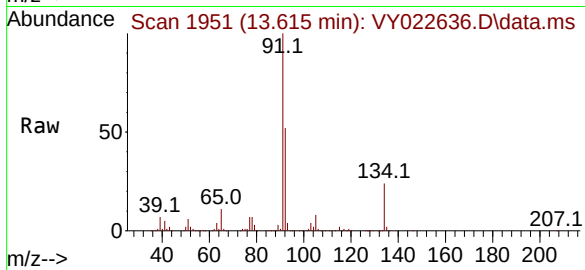
Tgt Ion: 91 Resp: 382346

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 52.291 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022636.D

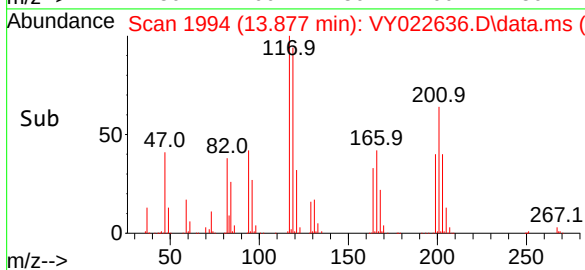
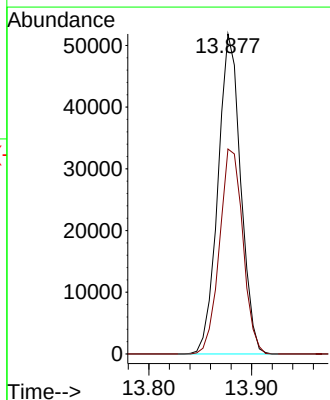
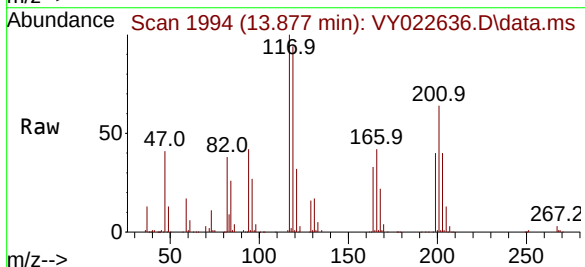
Acq: 09 Jun 2025 17:52

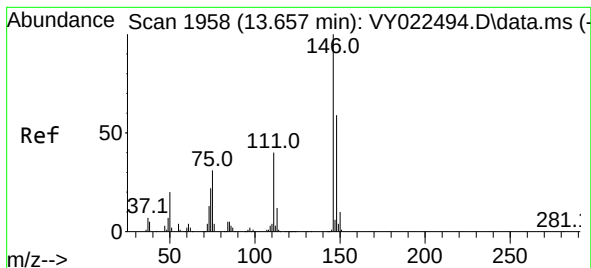
Tgt Ion: 117 Resp: 79458

Ion Ratio Lower Upper

117 100

201 65.9 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 53.448 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

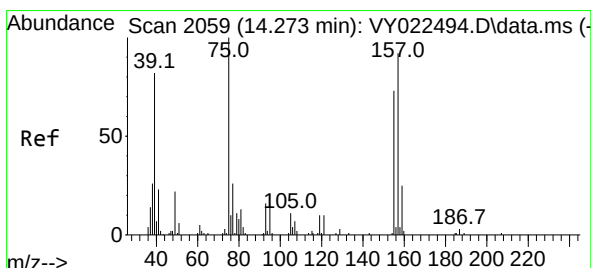
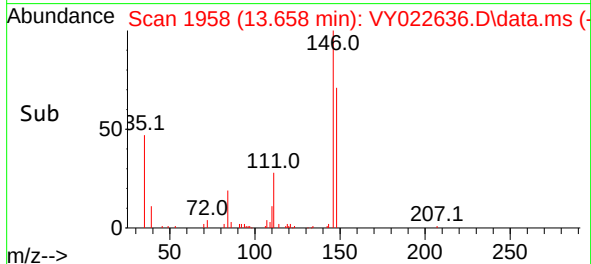
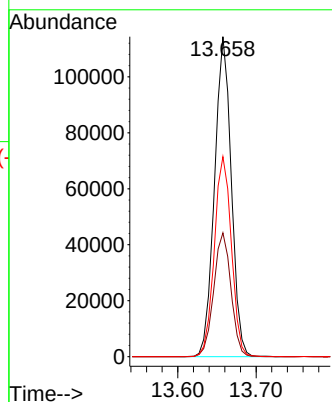
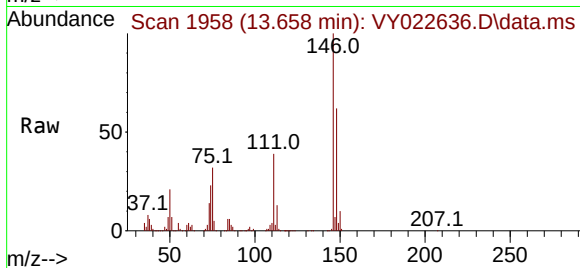
Tgt Ion:146 Resp: 170243

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.6

148 63.6 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.551 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

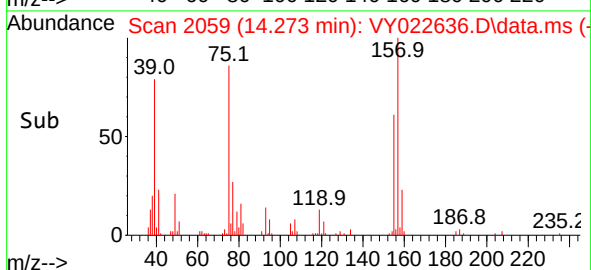
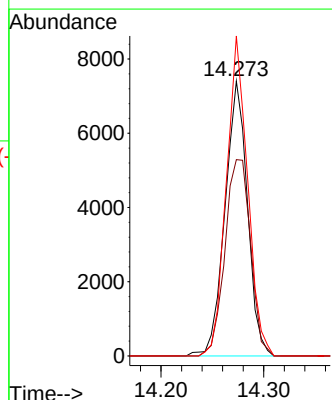
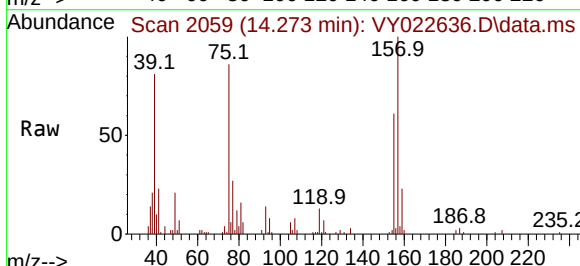
Tgt Ion: 75 Resp: 11228

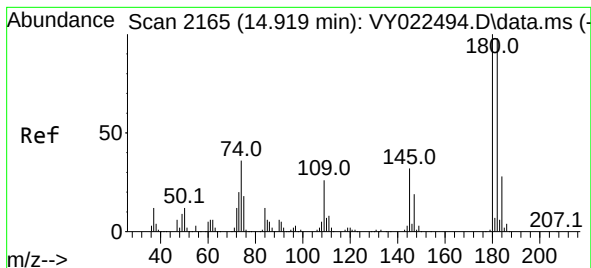
Ion Ratio Lower Upper

75 100

155 81.3 39.9 119.6

157 110.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.751 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

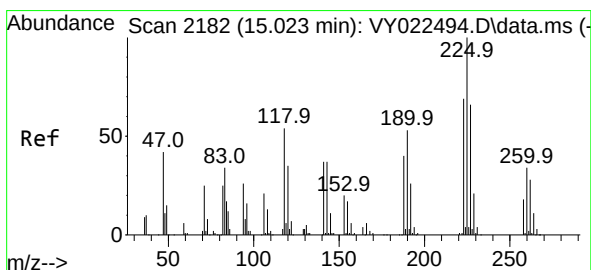
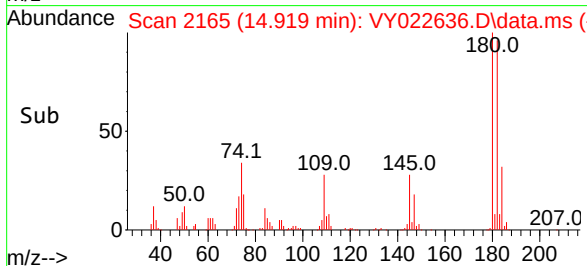
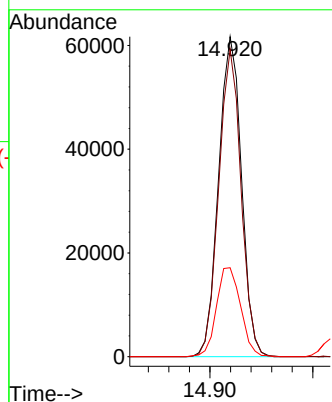
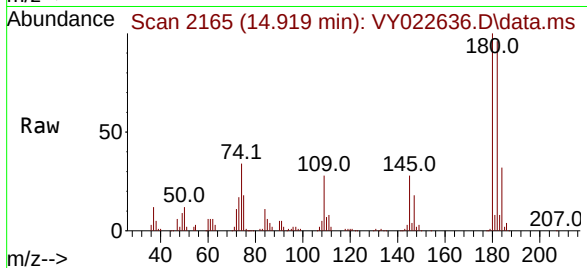
Tgt Ion:180 Resp: 95113

Ion Ratio Lower Upper

180 100

182 94.0 48.4 145.3

145 29.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 52.523 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

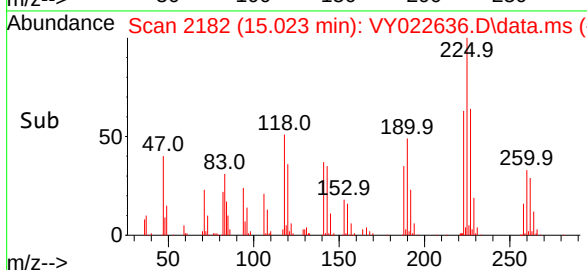
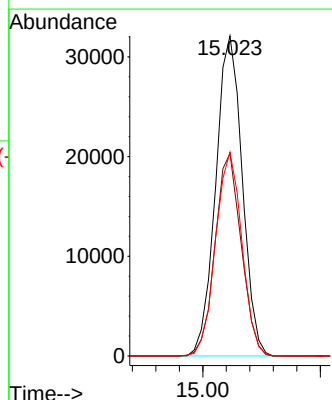
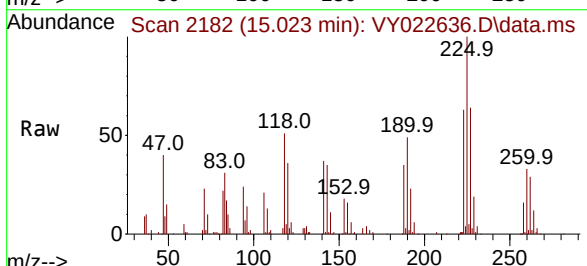
Tgt Ion:225 Resp: 50360

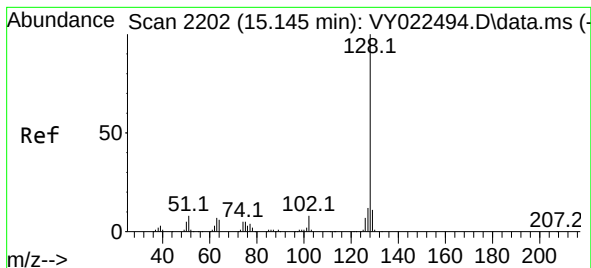
Ion Ratio Lower Upper

225 100

223 62.3 32.5 97.4

227 63.2 32.3 96.9





#95

Naphthalene

Concen: 55.747 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

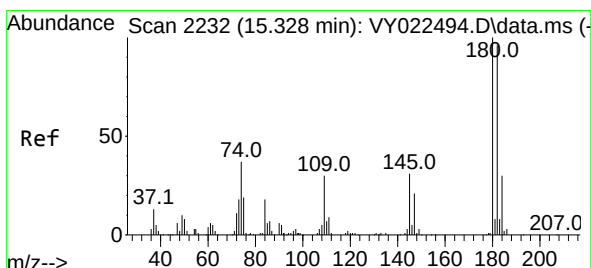
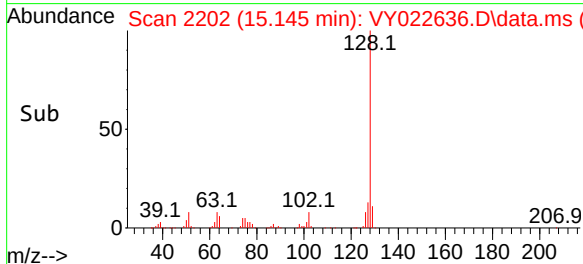
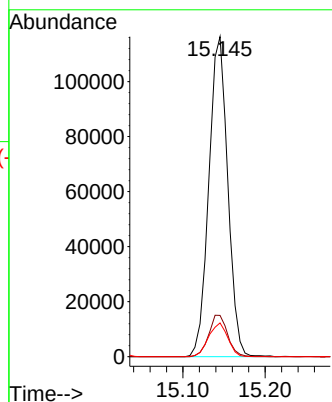
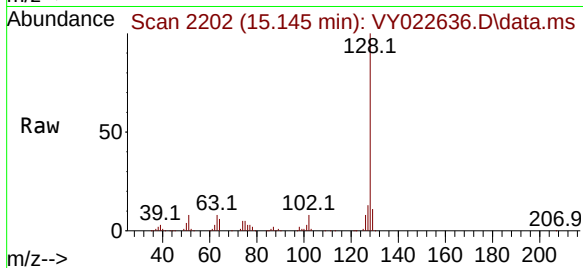
Tgt Ion:128 Resp: 185841

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.375 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022636.D

Acq: 09 Jun 2025 17:52

Tgt Ion:180 Resp: 80952

Ion Ratio Lower Upper

180 100

182 97.6 47.1 141.3

145 32.2 15.2 45.6

