

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022780.D
 Acq On : 23 Jun 2025 15:08
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 02:53:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	475581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	797167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	372652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	542659	102.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.460%#	
35) Dibromofluoromethane	7.628	113	500461	103.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 206.460%#	
50) Toluene-d8	10.103	98	2012122	104.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 209.180%#	
62) 4-Bromofluorobenzene	12.402	95	673658	108.931	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 217.860%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	383820	94.381	ug/l	97
3) Chloromethane	2.062	50	721237	92.877	ug/l	96
4) Vinyl Chloride	2.196	62	944075	97.310	ug/l	100
5) Bromomethane	2.580	94	723247	94.826	ug/l	100
6) Chloroethane	2.726	64	639835	98.113	ug/l	96
7) Trichlorofluoromethane	3.043	101	1072039	99.794	ug/l	98
8) Diethyl Ether	3.446	74	267488	100.816	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	467671	95.263	ug/l	99
10) Methyl Iodide	3.994	142	581464	108.785	ug/l	99
11) Tert butyl alcohol	4.854	59	184238	522.007	ug/l	99
12) 1,1-Dichloroethene	3.781	96	475211	98.719	ug/l	96
13) Acrolein	3.647	56	232931	486.701	ug/l	98
14) Allyl chloride	4.372	41	751070	101.438	ug/l	100
15) Acrylonitrile	5.049	53	578586	522.657	ug/l	99
16) Acetone	3.866	43	454852	453.380	ug/l	93
17) Carbon Disulfide	4.098	76	1545558	99.386	ug/l	99
18) Methyl Acetate	4.379	43	336182	101.185	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	1388952	105.967	ug/l	99
20) Methylene Chloride	4.604	84	549956	86.802	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	552497	100.424	ug/l	93
22) Diisopropyl ether	6.012	45	1716130	104.367	ug/l	98
23) Vinyl Acetate	5.951	43	4870879	536.357	ug/l	100
24) 1,1-Dichloroethane	5.909	63	1003848	101.070	ug/l	99
25) 2-Butanone	6.884	43	743716	509.343	ug/l	98
26) 2,2-Dichloropropane	6.878	77	821294	98.646	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	653863	102.279	ug/l	99
28) Bromochloromethane	7.238	49	421499	100.943	ug/l	98
29) Tetrahydrofuran	7.256	42	489018	530.386	ug/l	99
30) Chloroform	7.415	83	1031414	100.825	ug/l	99
31) Cyclohexane	7.695	56	860538	94.387	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	892886	101.003	ug/l	99
36) 1,1-Dichloropropene	7.829	75	745473	101.447	ug/l	100
37) Ethyl Acetate	6.982	43	335415	105.778	ug/l	98
38) Carbon Tetrachloride	7.811	117	784957	101.239	ug/l	99
39) Methylcyclohexane	9.103	83	969618	101.963	ug/l	97
40) Benzene	8.073	78	2338781	103.518	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	172503	86.232	ug/l	90
42) 1,2-Dichloroethane	8.152	62	644142	104.044	ug/l	100
43) Isopropyl Acetate	8.195	43	703942	106.813	ug/l	99
44) Trichloroethene	8.859	130	573927	101.178	ug/l	94
45) 1,2-Dichloropropane	9.140	63	543704	102.824	ug/l	100
46) Dibromomethane	9.225	93	308843	102.889	ug/l	99
47) Bromodichloromethane	9.420	83	803009	103.743	ug/l	99
48) Methyl methacrylate	9.219	41	348723	110.068	ug/l	99
49) 1,4-Dioxane	9.225	88	74032	2087.539	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	1833298	547.404	ug/l	100
52) Toluene	10.170	92	1522485	106.816	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	754526	108.342	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	860746	106.593	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	407343	104.800	ug/l	99
56) Ethyl methacrylate	10.432	69	592646	113.331	ug/l	99
57) 1,3-Dichloropropane	10.713	76	705449	104.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	1439247	506.517	ug/l	99
59) 2-Hexanone	10.755	43	1250090	549.018	ug/l	99
60) Dibromochloromethane	10.908	129	535327	106.627	ug/l	99
61) 1,2-Dibromoethane	11.012	107	388631	106.848	ug/l	99
64) Tetrachloroethene	10.646	164	674360	100.198	ug/l	98
65) Chlorobenzene	11.438	112	1610361	102.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	559842	105.587	ug/l	99
67) Ethyl Benzene	11.511	91	2906187	105.662	ug/l	99
68) m/p-Xylenes	11.627	106	2278768	214.327	ug/l	99
69) o-Xylene	11.950	106	1082170	108.020	ug/l	99
70) Styrene	11.963	104	1865505	111.168	ug/l	99
71) Bromoform	12.127	173	321083	108.756	ug/l #	98
73) Isopropylbenzene	12.249	105	2764621	100.312	ug/l	99
74) N-amyl acetate	12.066	43	667613	107.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	442467	99.615	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	642049	163.612	ug/l #	100
77) Bromobenzene	12.530	156	631186	101.040	ug/l	99
78) n-propylbenzene	12.590	91	3318659	99.735	ug/l	99
79) 2-Chlorotoluene	12.676	91	1904783	101.319	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	2286529	102.773	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	157671	104.703	ug/l	94
82) 4-Chlorotoluene	12.773	91	2025702	102.582	ug/l	99
83) tert-Butylbenzene	12.993	119	1990057	101.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	2310931	103.747	ug/l	99
85) sec-Butylbenzene	13.170	105	2993511	101.400	ug/l	99
86) p-Isopropyltoluene	13.285	119	2565197	104.416	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	1304649	103.989	ug/l	100
88) 1,4-Dichlorobenzene	13.359	146	1259287	101.046	ug/l	100
89) n-Butylbenzene	13.609	91	2355349	101.924	ug/l	99
90) Hexachloroethane	13.877	117	487480	99.627	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	1129471	102.157	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	75666	100.453	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	648932	103.955	ug/l	99
94) Hexachlorobutadiene	15.017	225	334737	94.827	ug/l	99
95) Naphthalene	15.139	128	1263808	111.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	559578	103.737	ug/l	99

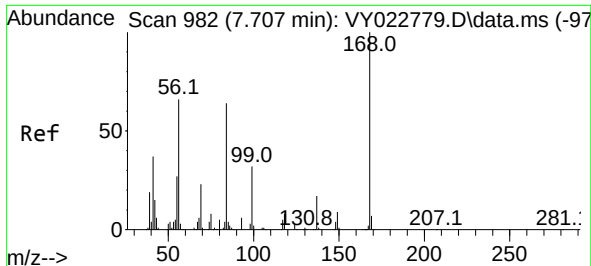
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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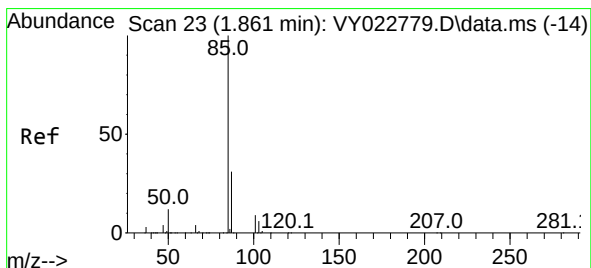
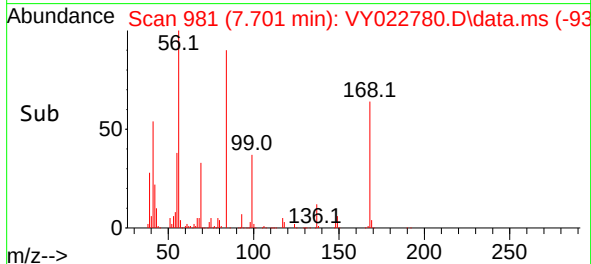
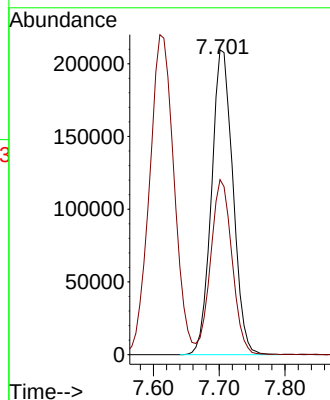
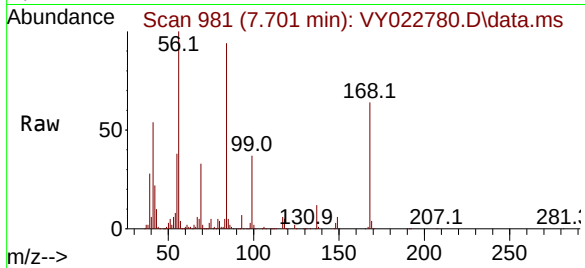
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

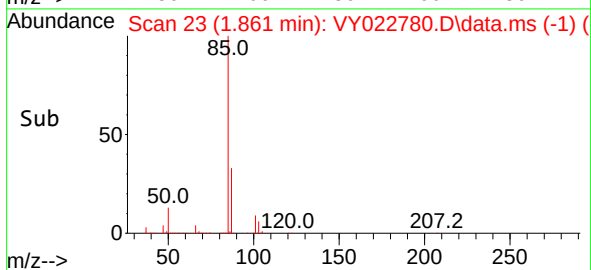
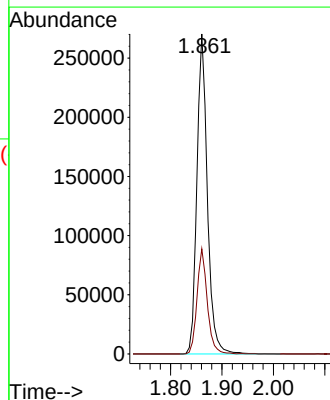
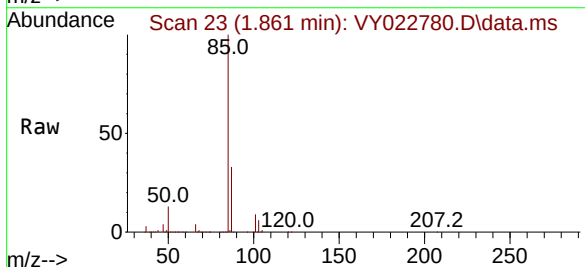
Instrument :
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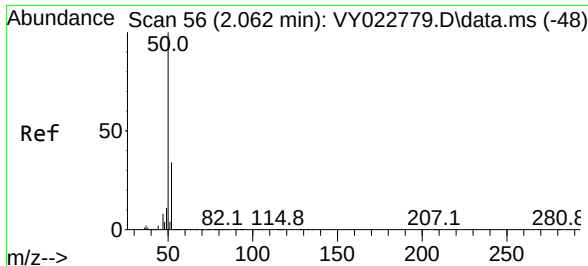
Tgt Ion:168 Resp: 475581
Ion Ratio Lower Upper
168 100
99 57.4 44.6 66.8



#2
Dichlorodifluoromethane
Concen: 94.381 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 85 Resp: 383820
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.7

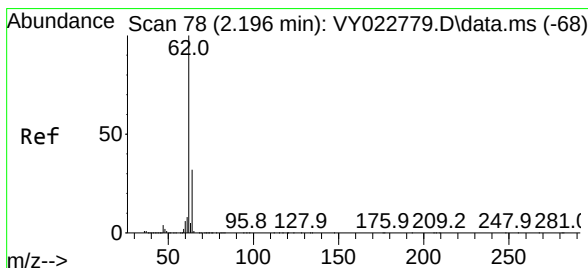
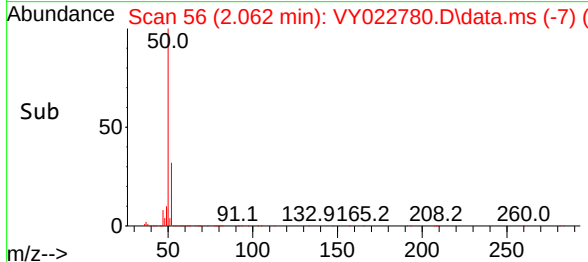
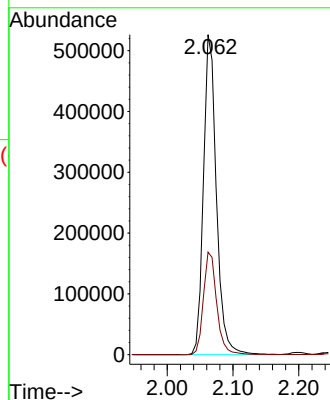
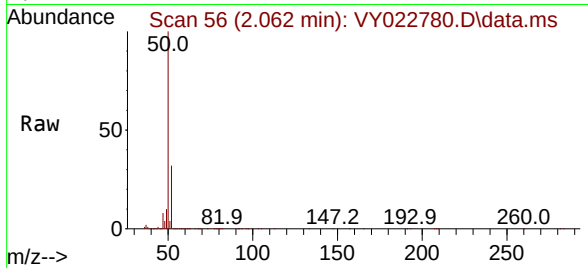




#3
Chloromethane
Concen: 92.877 ug/l
RT: 2.062 min Scan# 56
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

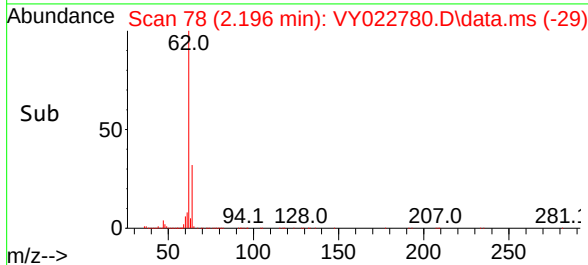
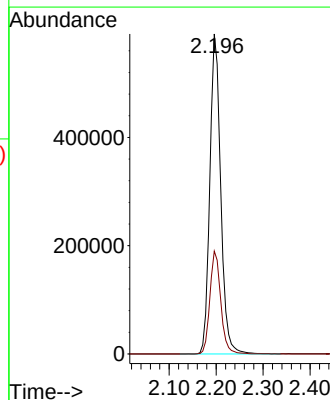
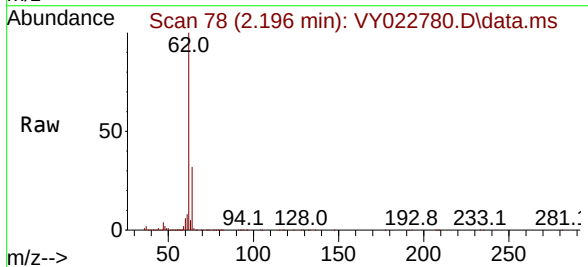
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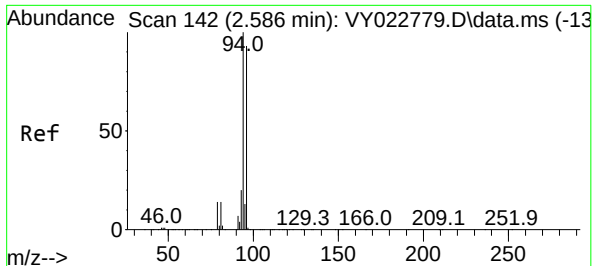
Tgt Ion: 50 Resp: 721237
Ion Ratio Lower Upper
50 100
52 32.0 27.5 41.3



#4
Vinyl Chloride
Concen: 97.310 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 62 Resp: 944075
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

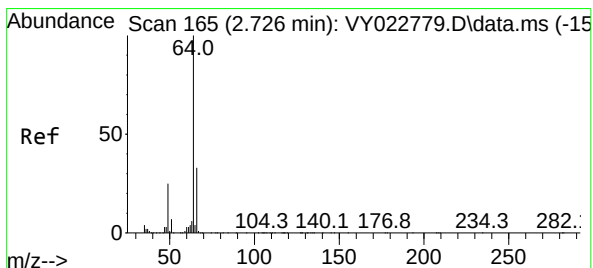
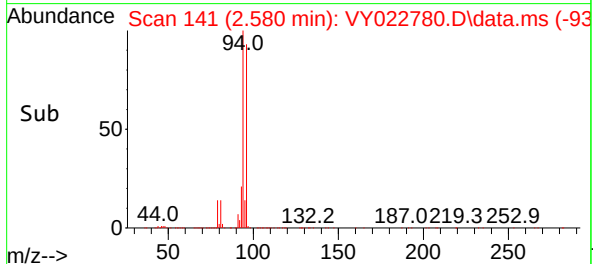
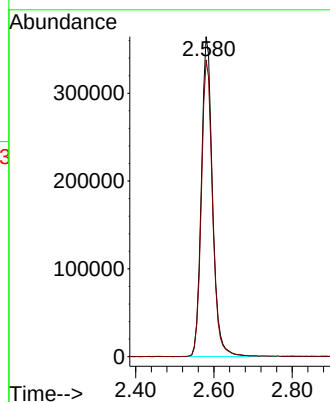
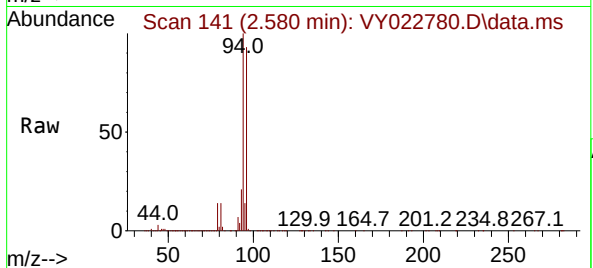




#5
Bromomethane
Concen: 94.826 ug/l
RT: 2.580 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

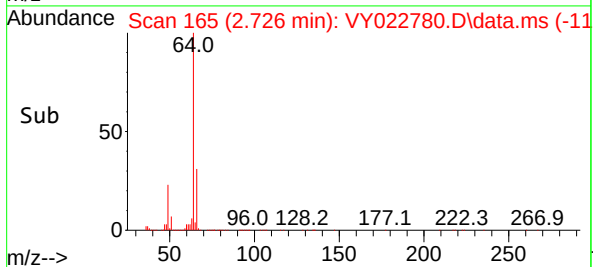
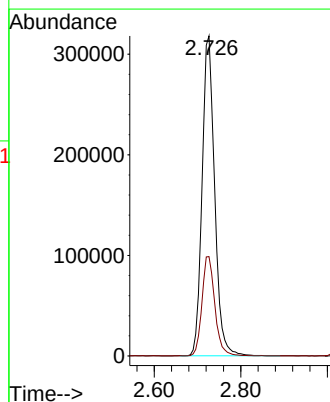
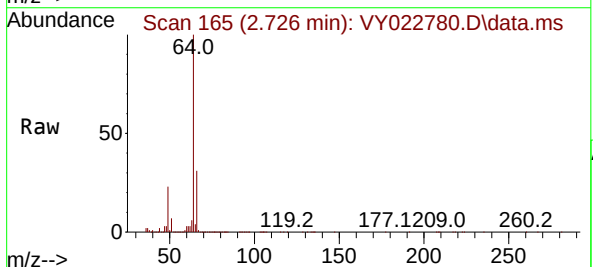
Instrument :
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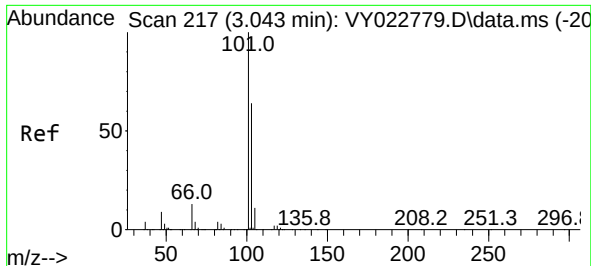
Tgt Ion: 94 Resp: 723247
Ion Ratio Lower Upper
94 100
96 92.8 74.3 111.5



#6
Chloroethane
Concen: 98.113 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 64 Resp: 639835
Ion Ratio Lower Upper
64 100
66 31.0 26.6 39.8

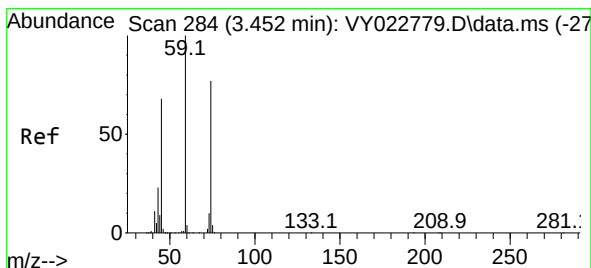
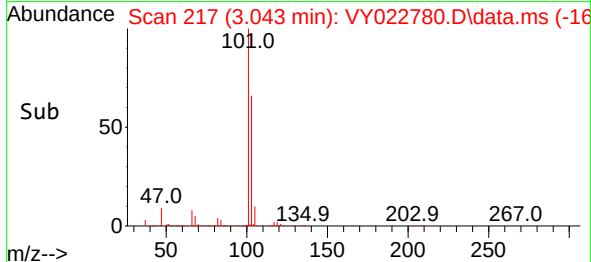
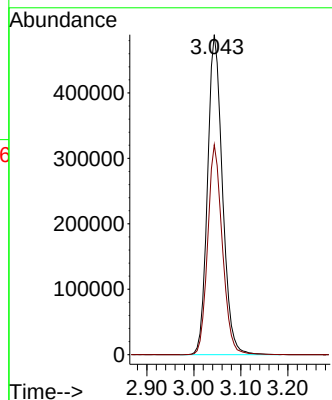
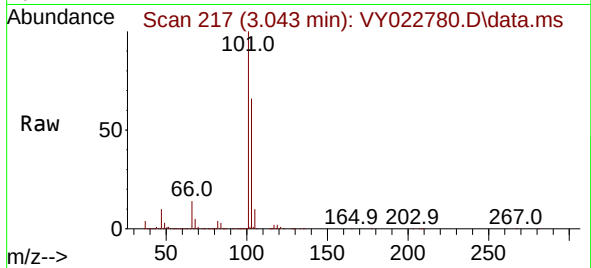




#7
Trichlorofluoromethane
Concen: 99.794 ug/l
RT: 3.043 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

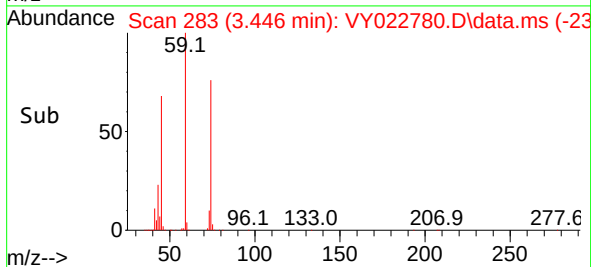
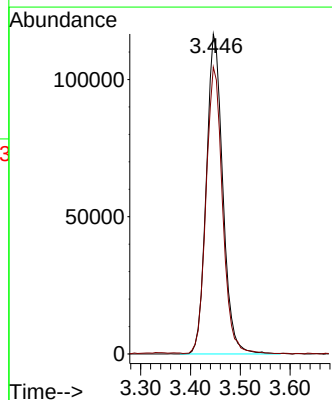
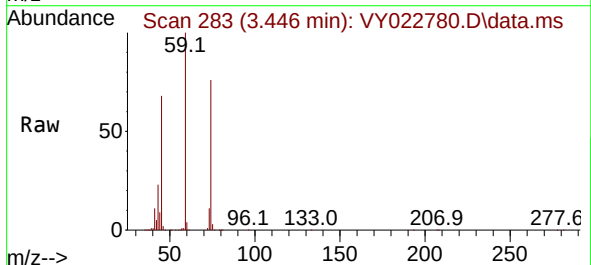
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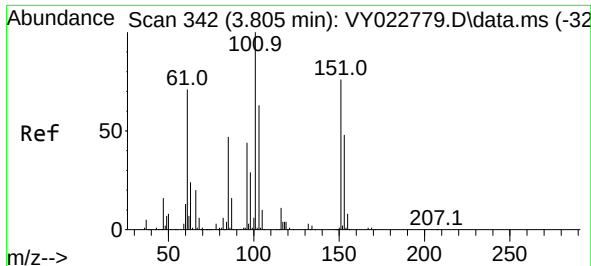
Tgt Ion:101 Resp: 1072039
Ion Ratio Lower Upper
101 100
103 65.6 51.1 76.7



#8
Diethyl Ether
Concen: 100.816 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 74 Resp: 267488
Ion Ratio Lower Upper
74 100
45 89.7 45.0 134.8

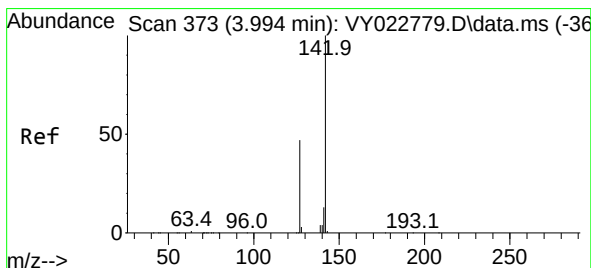
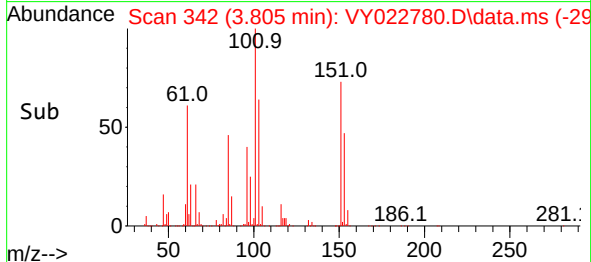
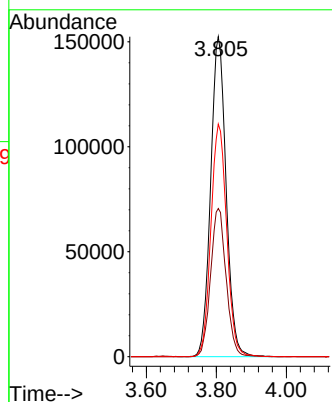
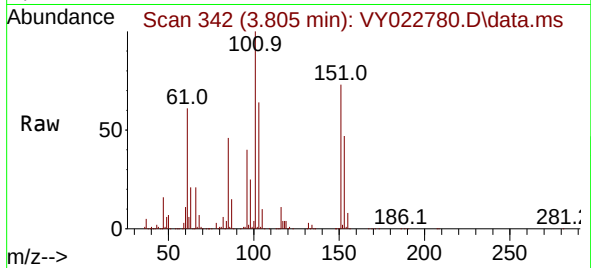




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.263 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

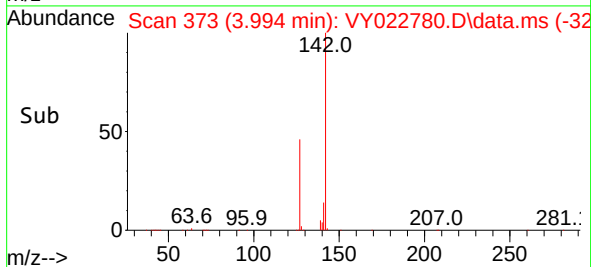
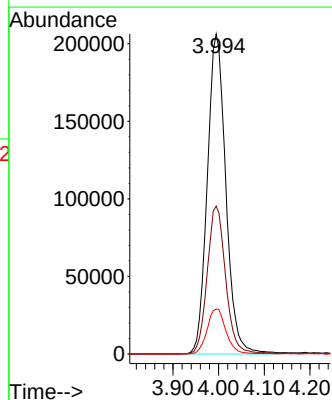
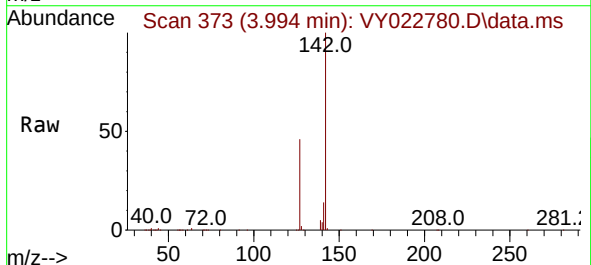
Instrument :
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ClientSampleId :
VSTDIC100

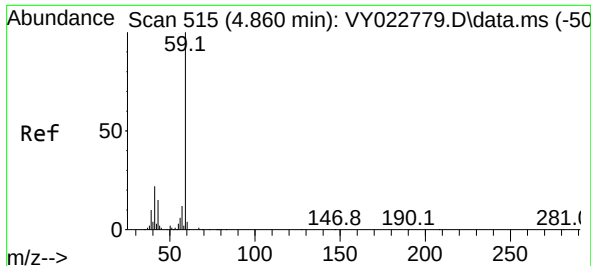
Tgt Ion:101 Resp: 467671
Ion Ratio Lower Upper
101 100
85 46.7 37.3 55.9
151 74.2 60.2 90.4



#10
Methyl Iodide
Concen: 108.785 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion:142 Resp: 581464
Ion Ratio Lower Upper
142 100
127 46.1 36.5 54.7
141 14.4 11.4 17.2

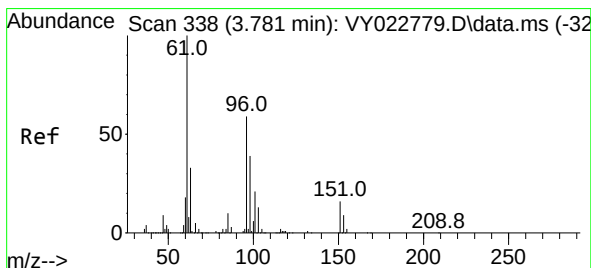
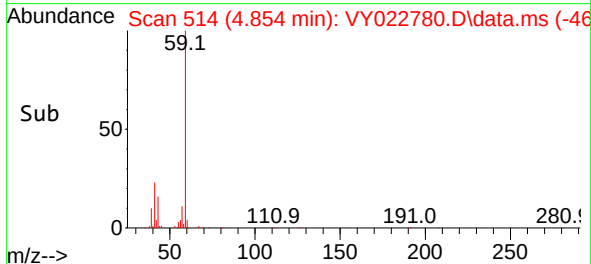
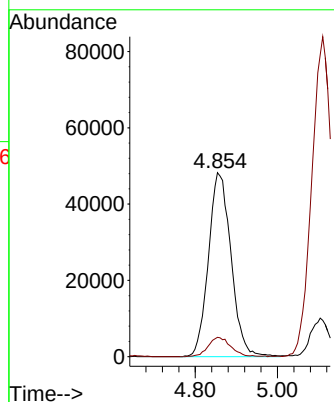
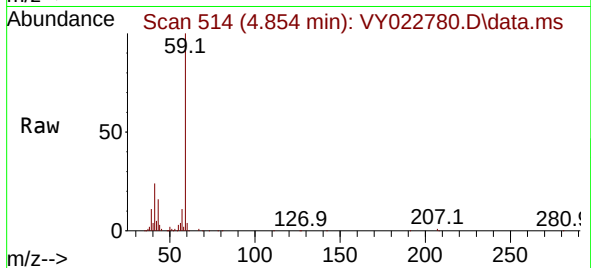




#11
Tert butyl alcohol
Concen: 522.007 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

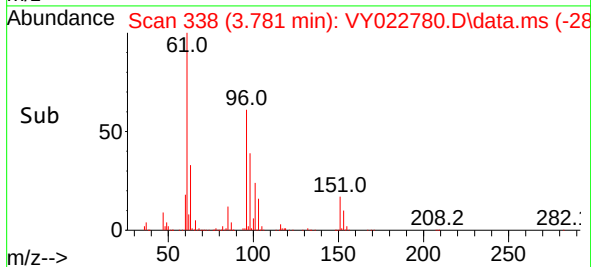
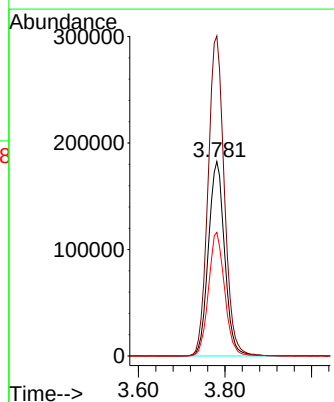
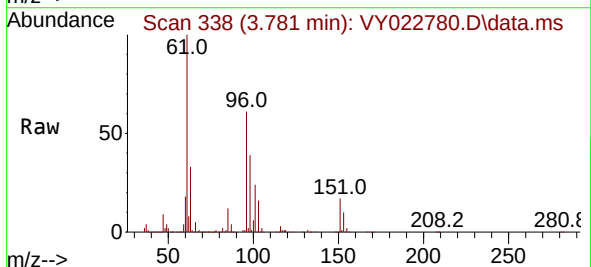
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

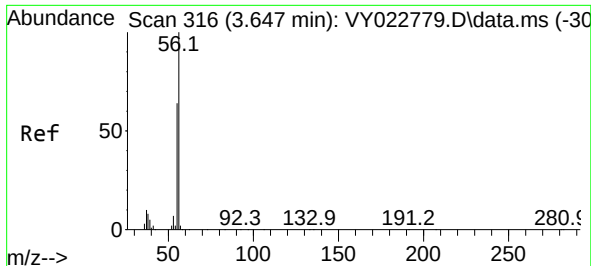
Tgt Ion: 59 Resp: 184238
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 98.719 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 96 Resp: 475211
Ion Ratio Lower Upper
96 100
61 164.6 135.8 203.6
98 63.5 53.0 79.4

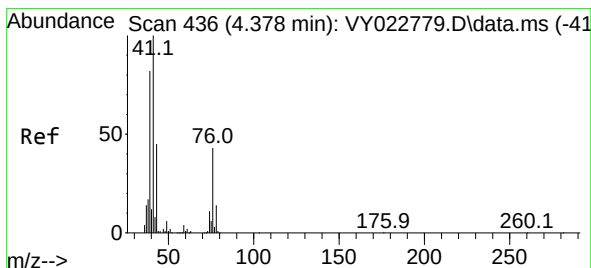
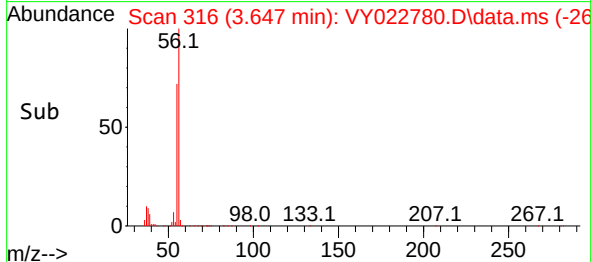
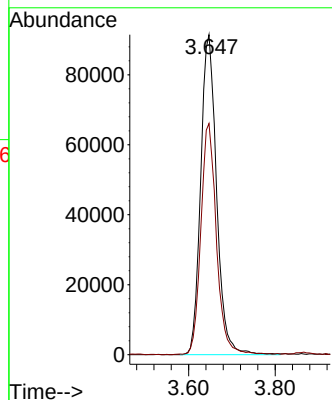
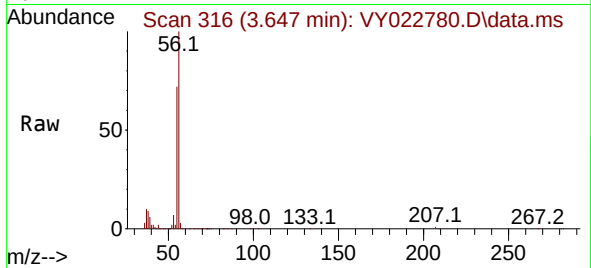




#13
Acrolein
Concen: 486.701 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

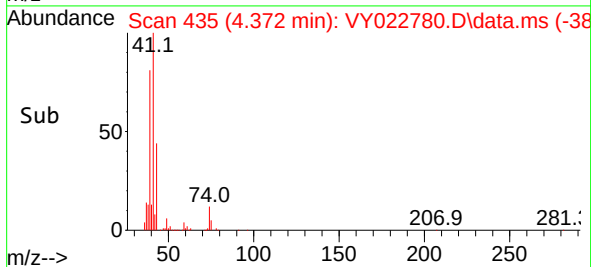
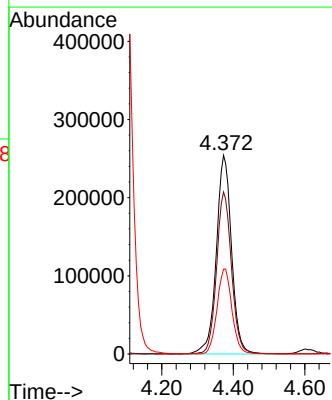
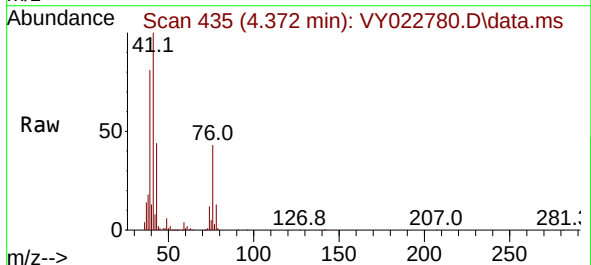
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

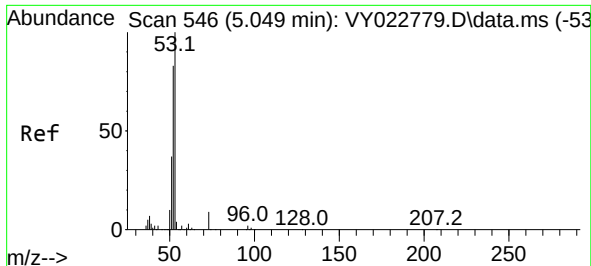
Tgt Ion: 56 Resp: 232931
Ion Ratio Lower Upper
56 100
55 71.1 55.4 83.2



#14
Allyl chloride
Concen: 101.438 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 41 Resp: 751070
Ion Ratio Lower Upper
41 100
39 79.9 63.9 95.9
76 41.6 33.0 49.4

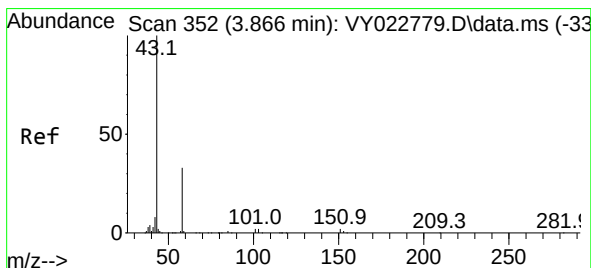
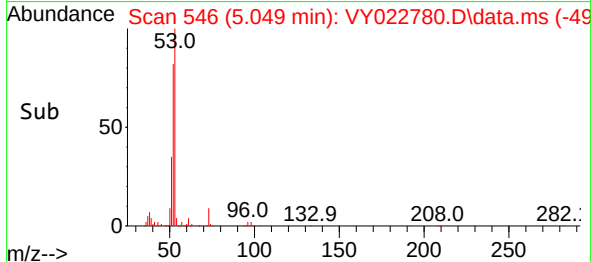
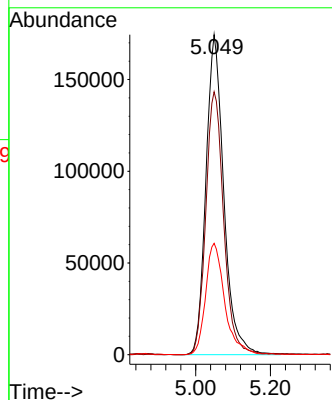
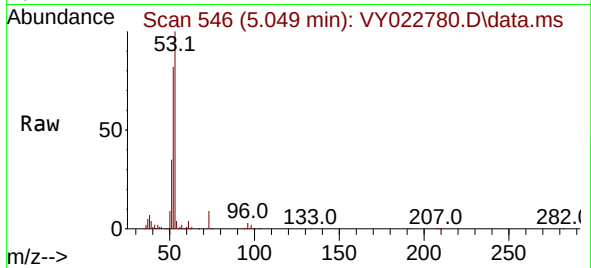




#15
Acrylonitrile
Concen: 522.657 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

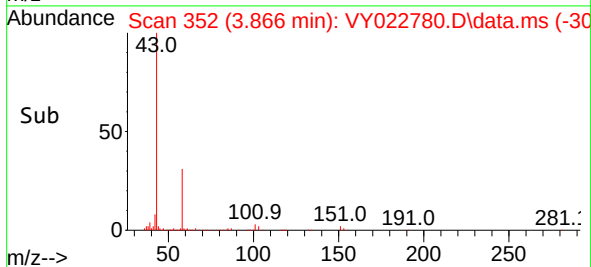
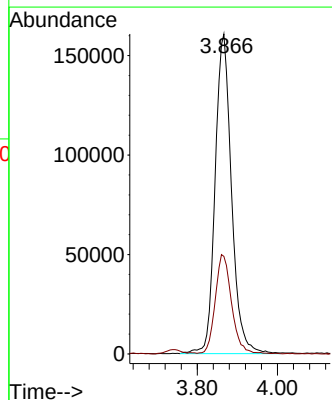
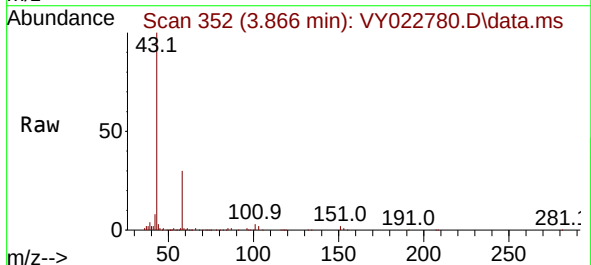
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

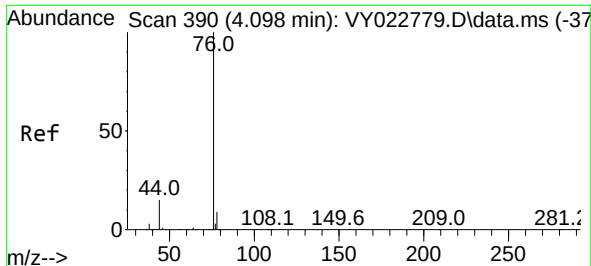
Tgt Ion: 53 Resp: 578586
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 37.3 30.1 45.1



#16
Acetone
Concen: 453.380 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 43 Resp: 454852
Ion Ratio Lower Upper
43 100
58 30.4 27.7 41.5

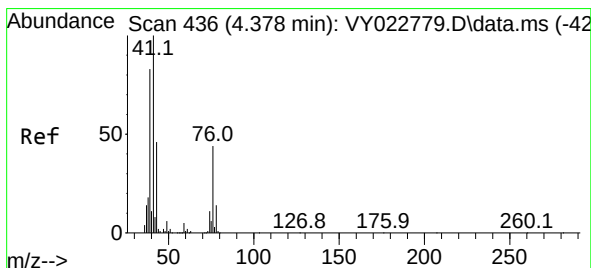
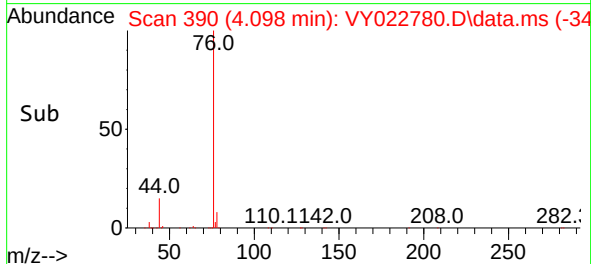
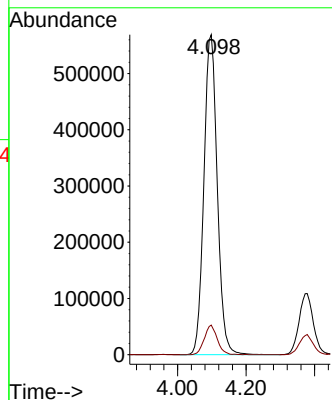
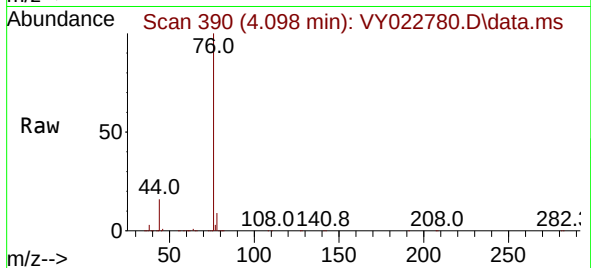




#17
Carbon Disulfide
Concen: 99.386 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

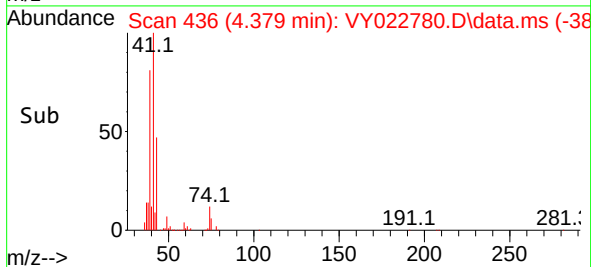
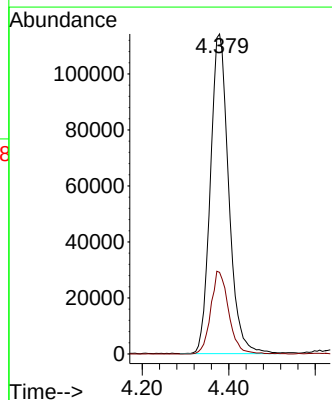
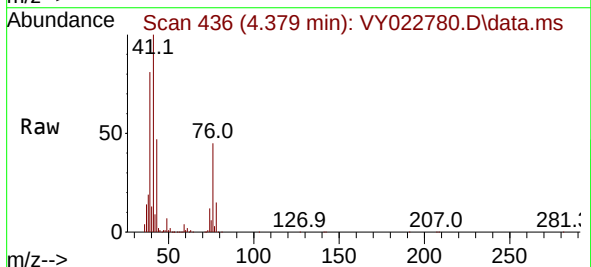
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

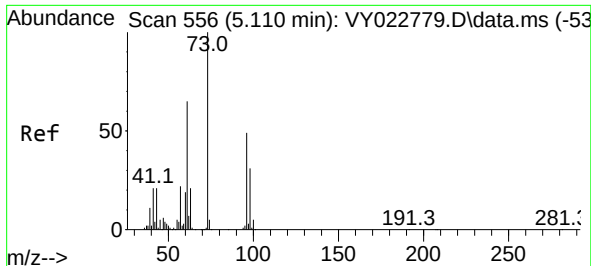
Tgt Ion: 76 Resp: 1545558
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 101.185 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 43 Resp: 336182
Ion Ratio Lower Upper
43 100
74 25.1 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 105.967 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

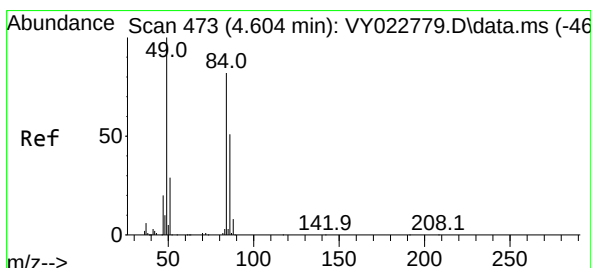
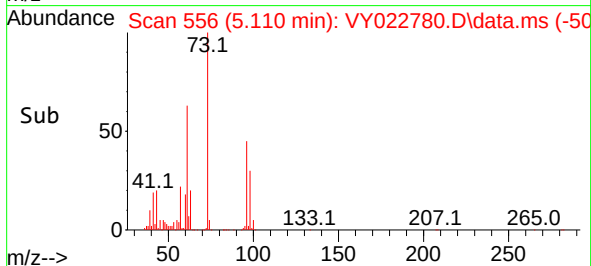
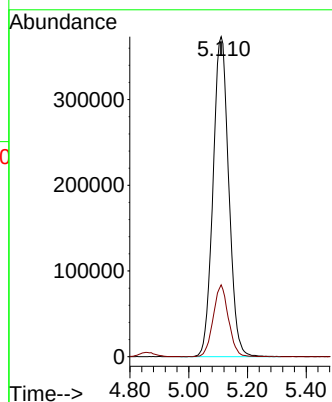
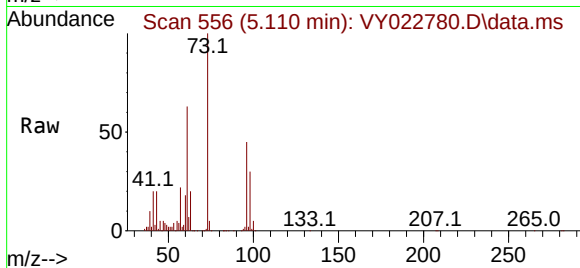
VSTDIC100

Tgt Ion: 73 Resp: 1388952

Ion Ratio Lower Upper

73 100

57 22.5 17.7 26.5



#20

Methylene Chloride

Concen: 86.802 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Tgt Ion: 84 Resp: 549956

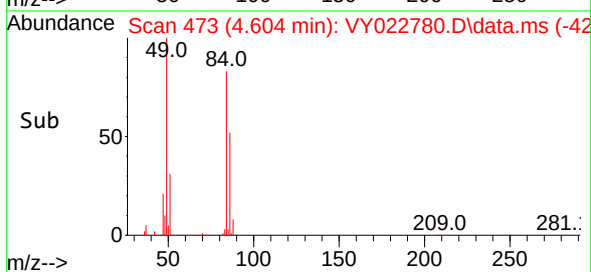
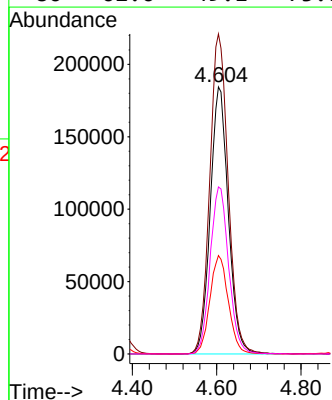
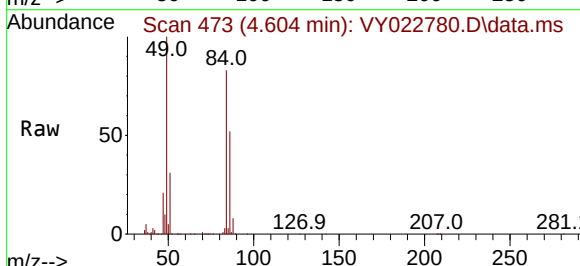
Ion Ratio Lower Upper

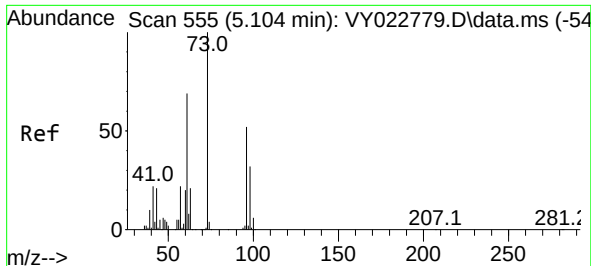
84 100

49 119.9 97.2 145.8

51 36.8 27.8 41.8

86 62.6 49.1 73.7

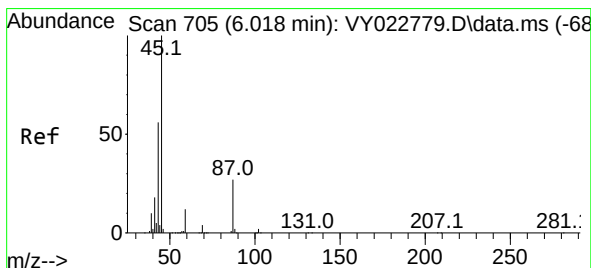
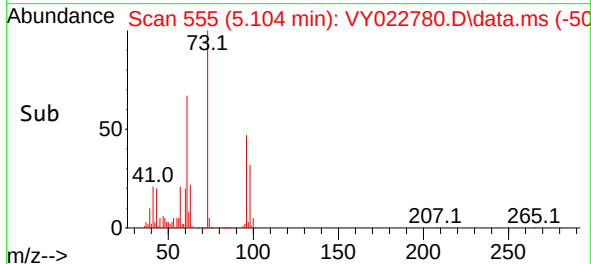
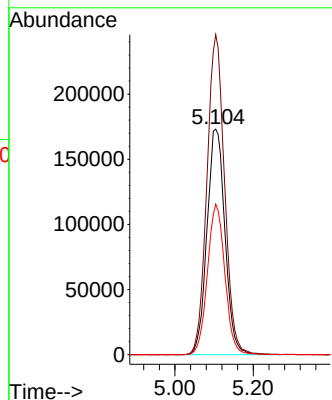
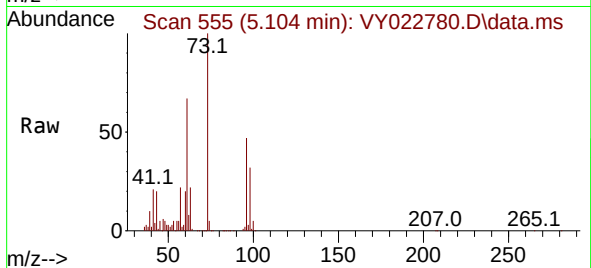




#21
trans-1,2-Dichloroethene
Concen: 100.424 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

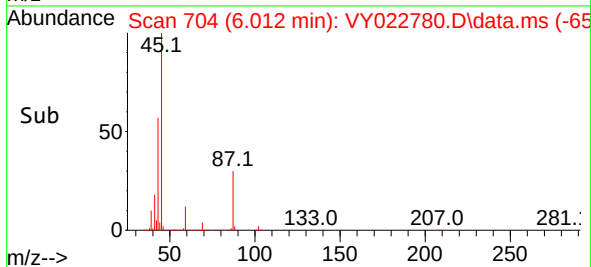
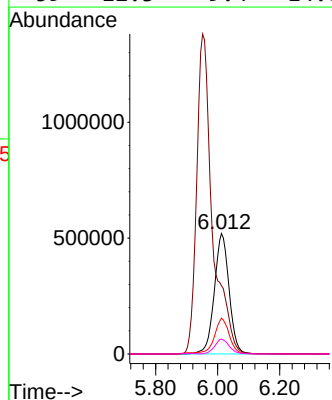
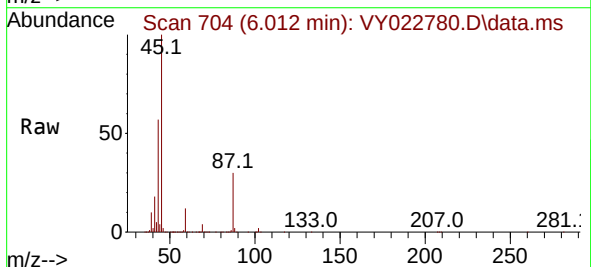
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

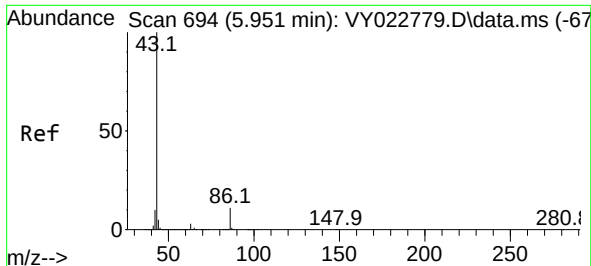
Tgt Ion: 96 Resp: 552497
Ion Ratio Lower Upper
96 100
61 141.9 107.2 160.8
98 66.8 49.1 73.7



#22
Diisopropyl ether
Concen: 104.367 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 45 Resp: 1716130
Ion Ratio Lower Upper
45 100
43 56.5 44.6 66.8
87 29.8 22.2 33.2
59 12.3 9.4 14.0

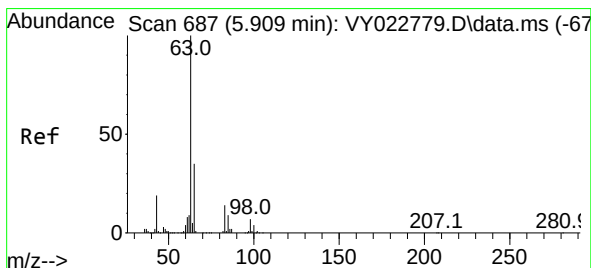
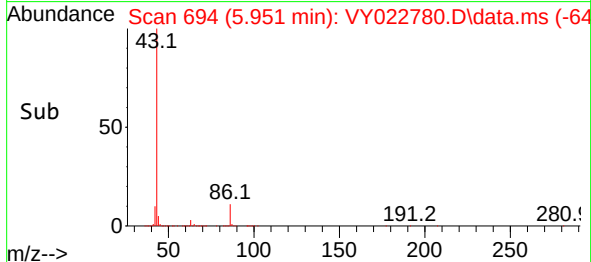
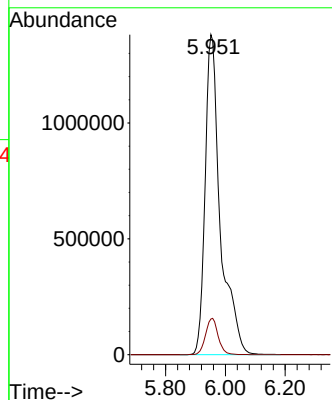
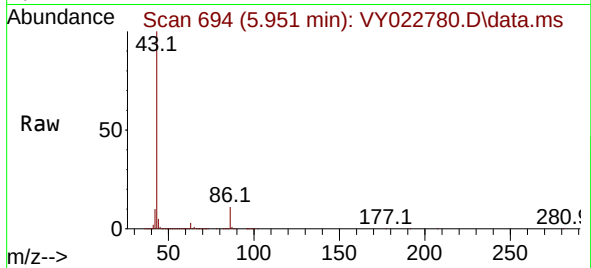




#23
 Vinyl Acetate
 Concen: 536.357 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY022780.D
 Acq: 23 Jun 2025 15:08

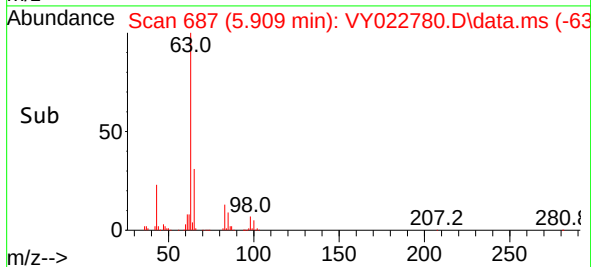
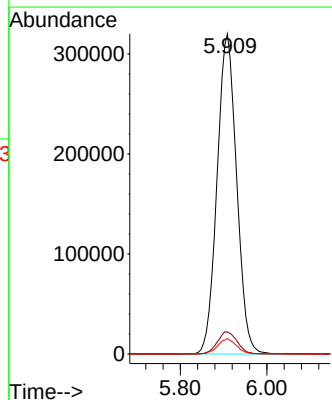
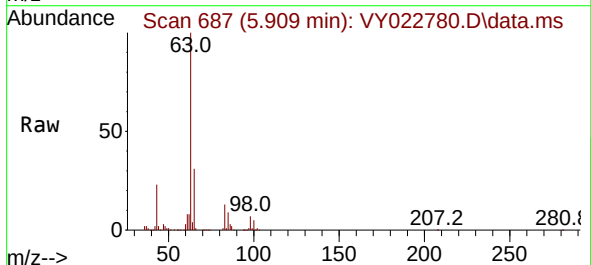
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

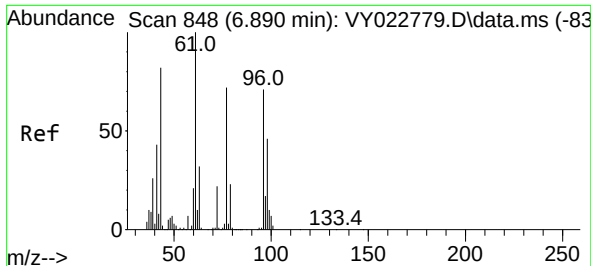
Tgt Ion: 43 Resp: 4870879
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 101.070 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY022780.D
 Acq: 23 Jun 2025 15:08

Tgt Ion: 63 Resp: 1003848
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.8 2.1 6.5

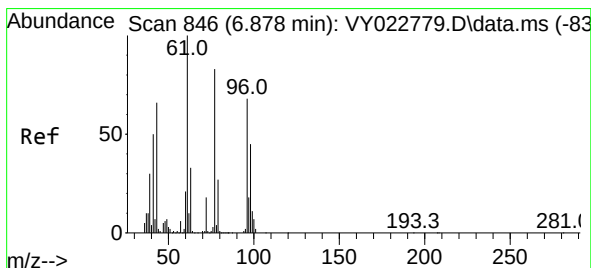
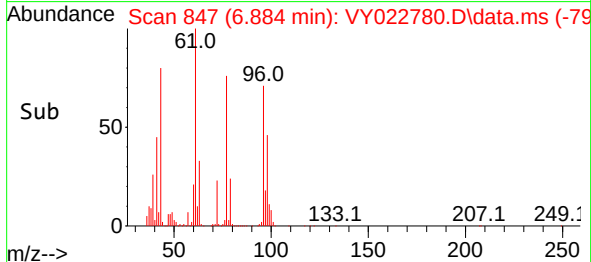
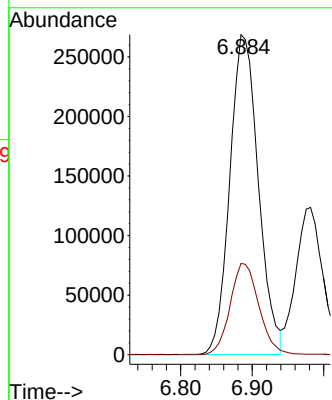
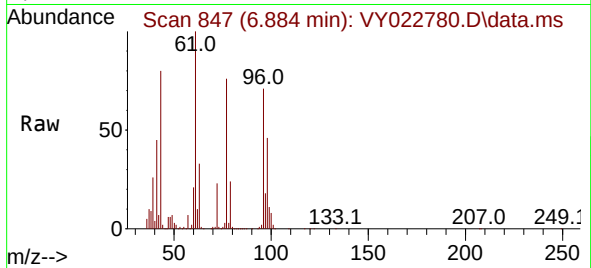




#25
2-Butanone
Concen: 509.343 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

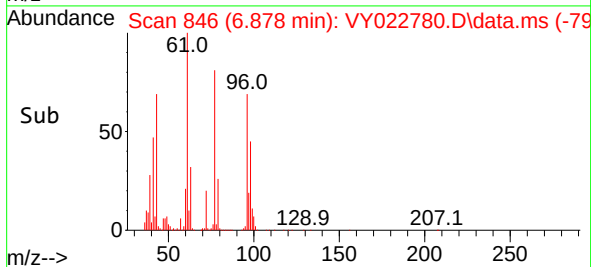
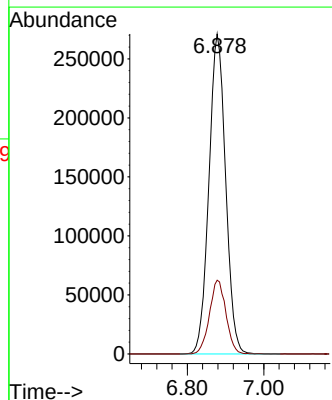
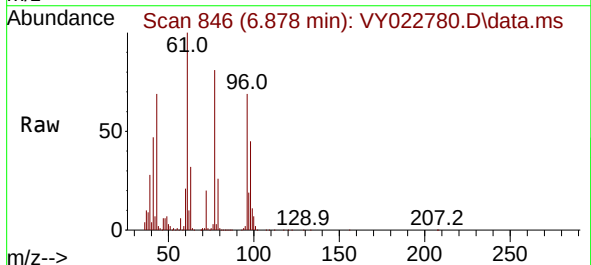
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

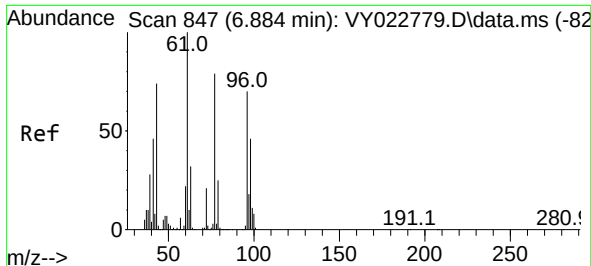
Tgt Ion: 43 Resp: 743716
Ion Ratio Lower Upper
43 100
72 28.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 98.646 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 77 Resp: 821294
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 102.279 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

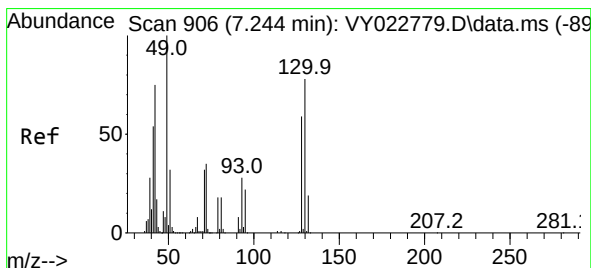
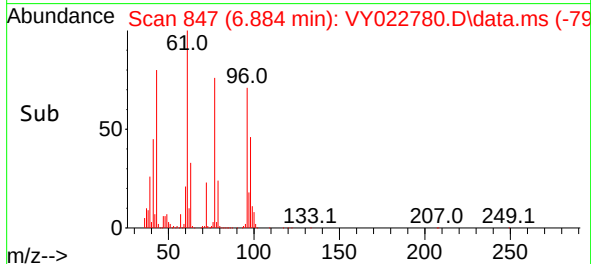
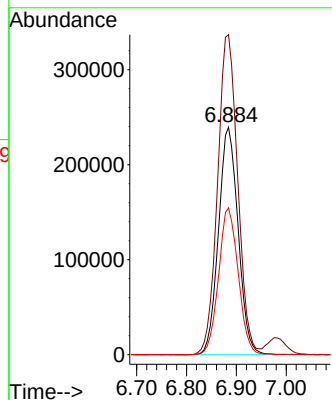
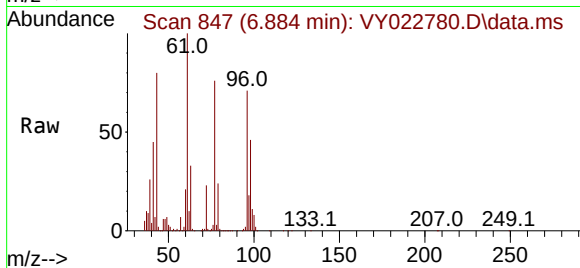
Tgt Ion: 96 Resp: 653863

Ion Ratio Lower Upper

96 100

61 144.6 0.0 291.6

98 64.7 0.0 130.8



#28

Bromochloromethane

Concen: 100.943 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

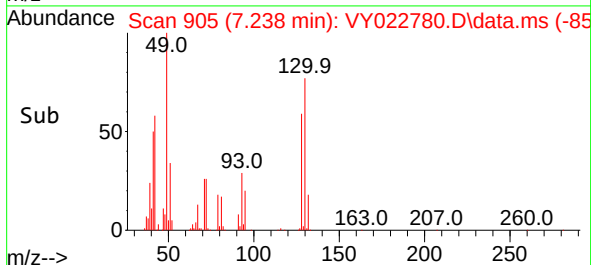
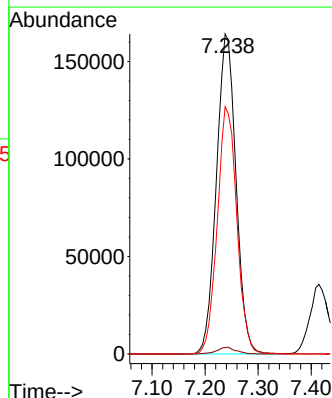
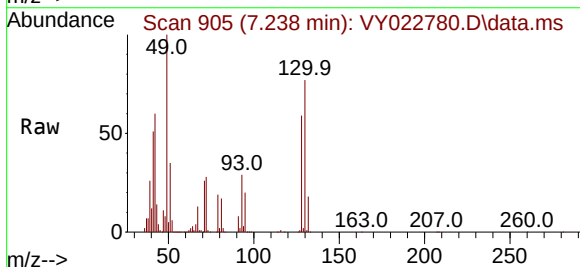
Tgt Ion: 49 Resp: 421499

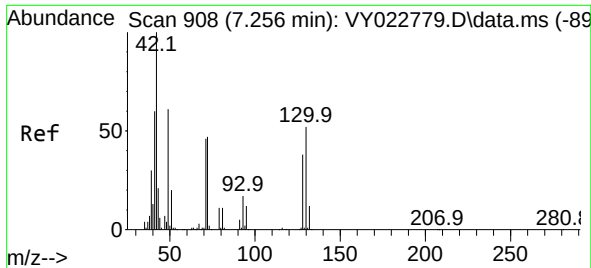
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 77.0 59.9 89.9

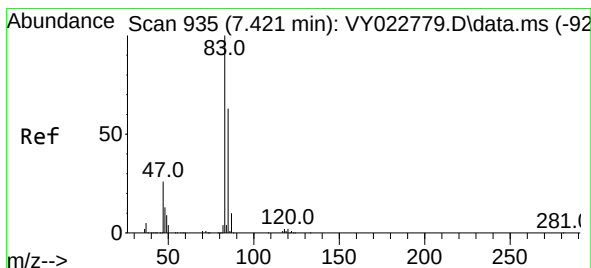
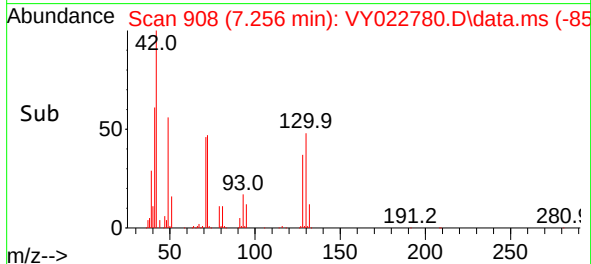
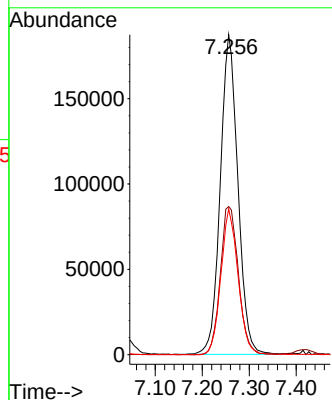
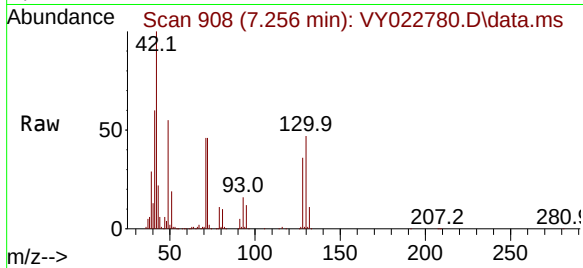




#29
Tetrahydrofuran
Concen: 530.386 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

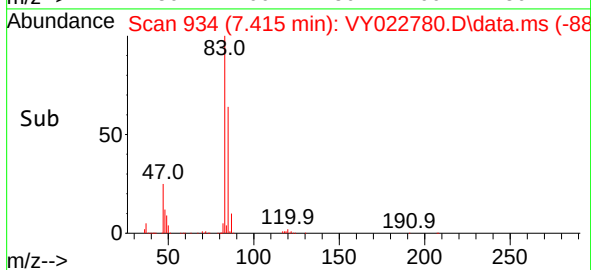
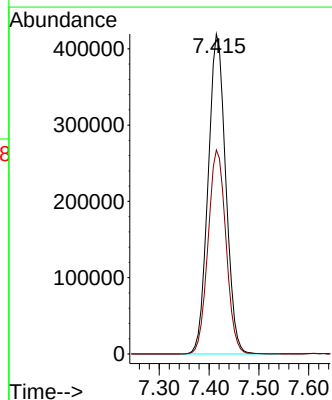
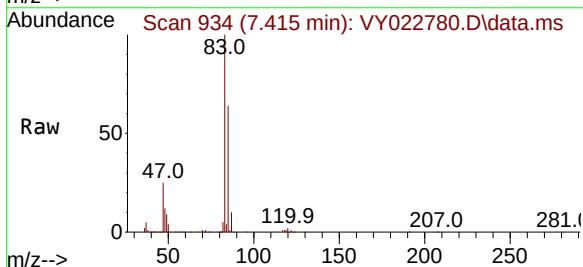
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

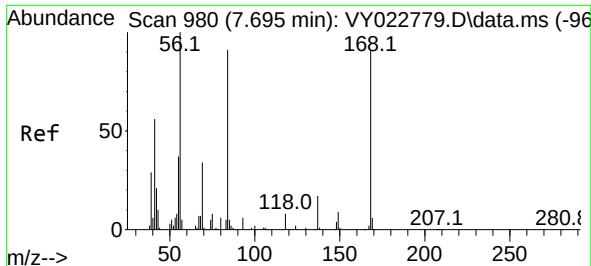
Tgt Ion: 42 Resp: 489018
Ion Ratio Lower Upper
42 100
72 47.7 37.4 56.2
71 44.4 35.4 53.2



#30
Chloroform
Concen: 100.825 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 83 Resp: 1031414
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1

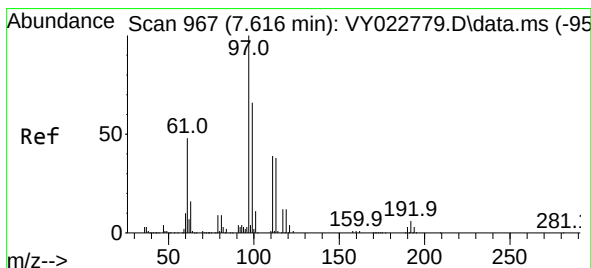
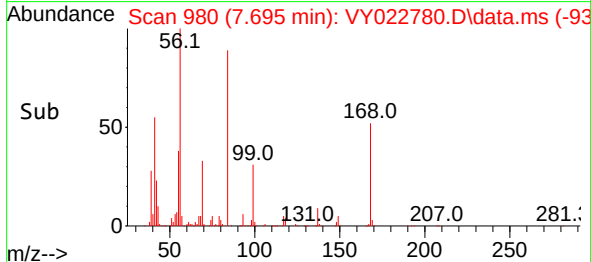
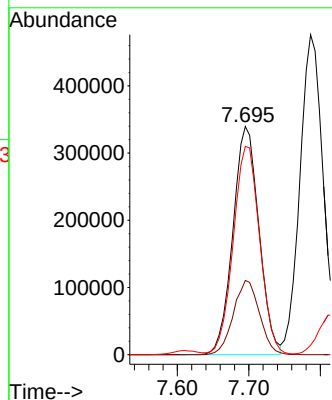
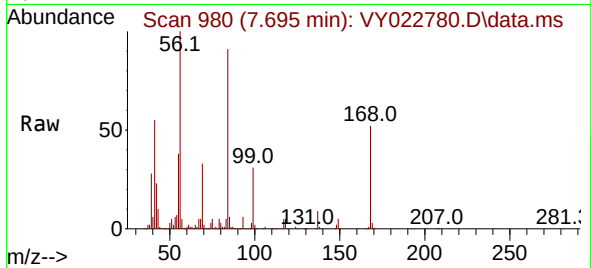




#31
Cyclohexane
Concen: 94.387 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

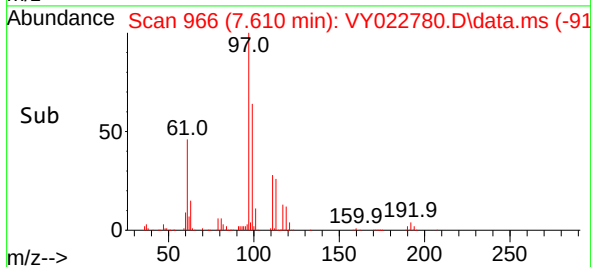
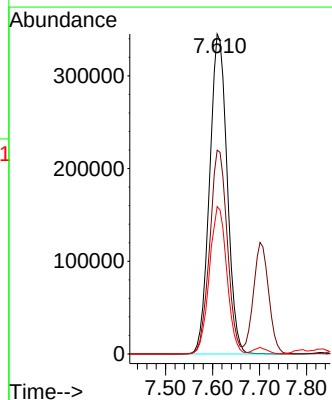
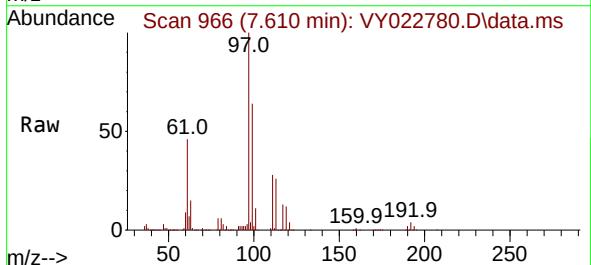
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

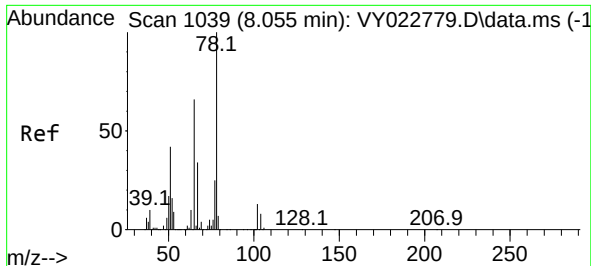
Tgt Ion: 56 Resp: 860538
Ion Ratio Lower Upper
56 100
69 32.5 27.4 41.0
84 89.6 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 101.003 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 97 Resp: 892886
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 45.9 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 102.235 ug/l

RT: 8.055 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

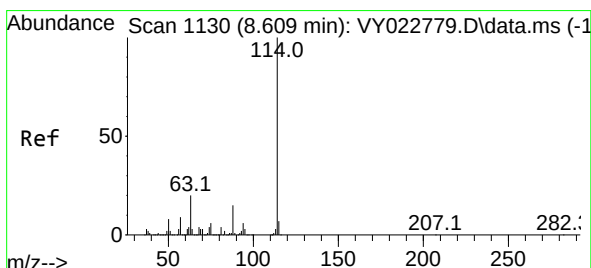
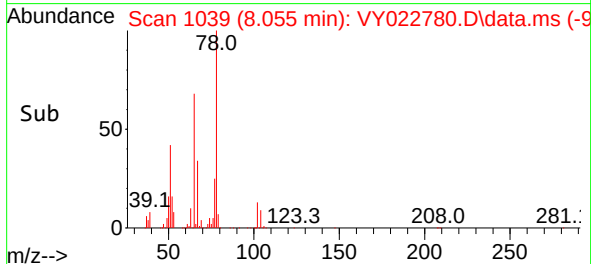
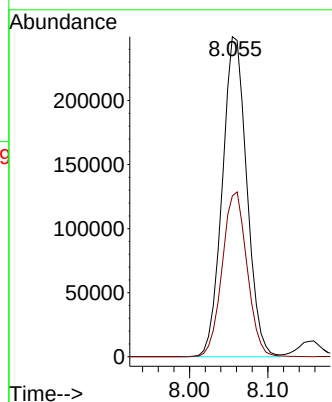
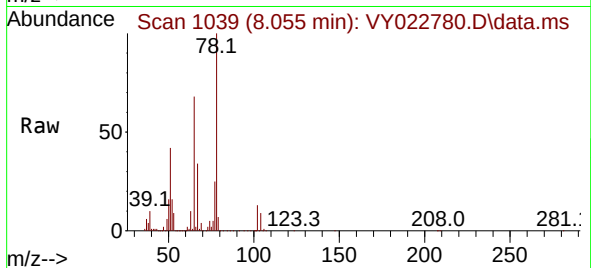
VSTDICC100

Tgt Ion: 65 Resp: 542659

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

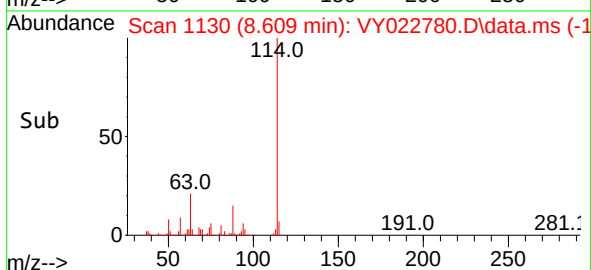
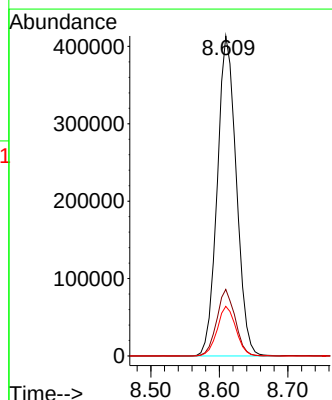
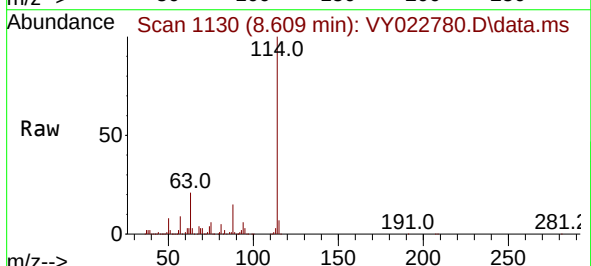
Tgt Ion:114 Resp: 797167

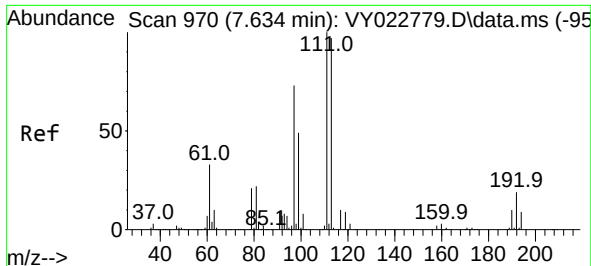
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

88 15.5 0.0 30.4

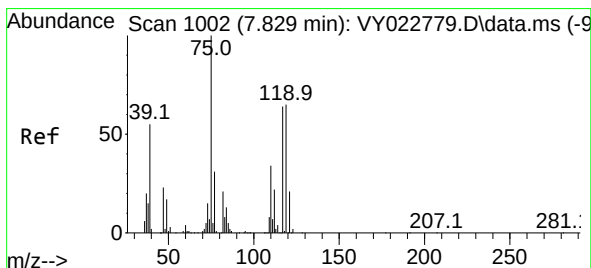
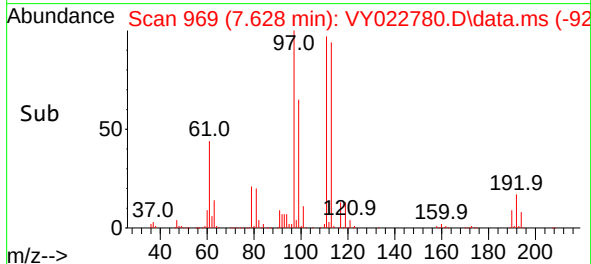
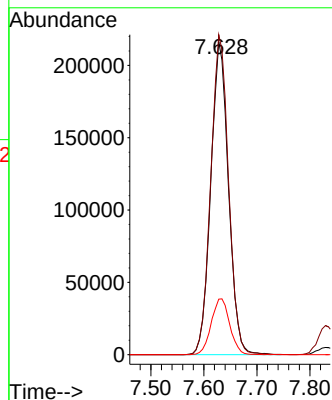
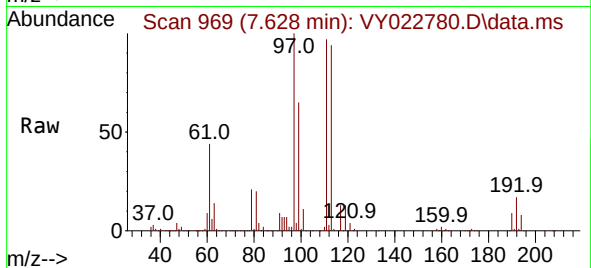




#35
Dibromofluoromethane
Concen: 103.231 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

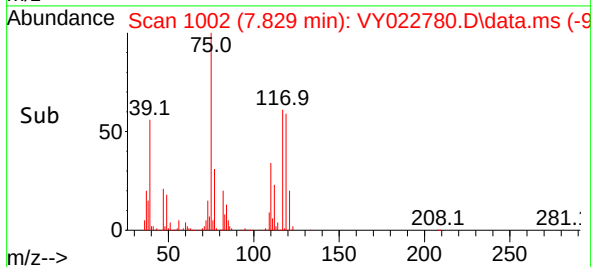
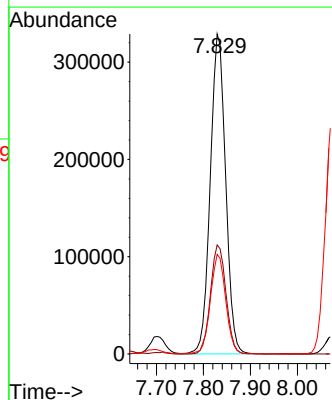
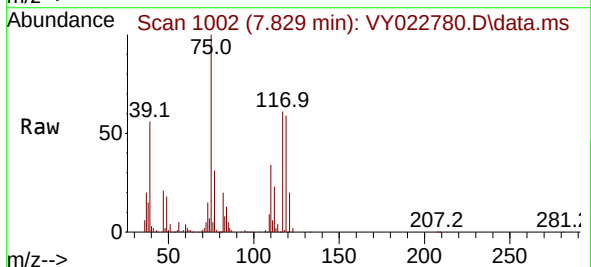
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

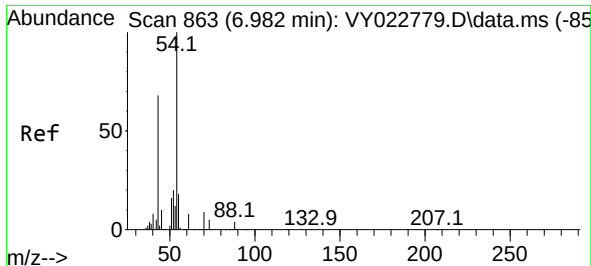
Tgt Ion:113 Resp: 500461
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 101.447 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 75 Resp: 745473
Ion Ratio Lower Upper
75 100
110 34.4 17.3 52.0
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 105.778 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

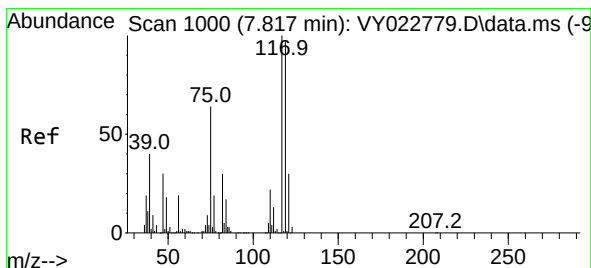
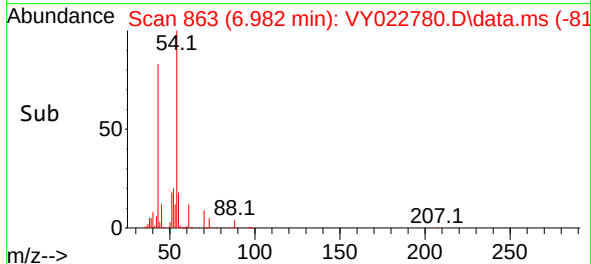
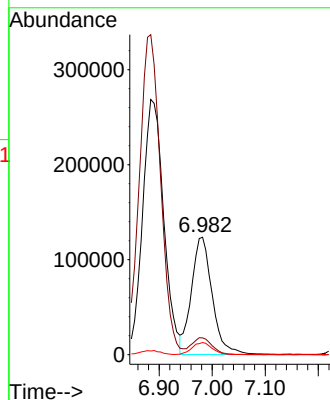
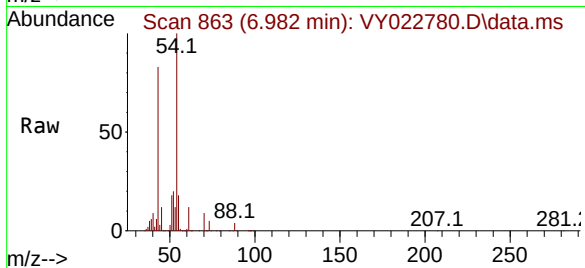
Tgt Ion: 43 Resp: 335415

Ion Ratio Lower Upper

43 100

61 13.6 11.7 17.5

70 10.2 8.5 12.7



#38

Carbon Tetrachloride

Concen: 101.239 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

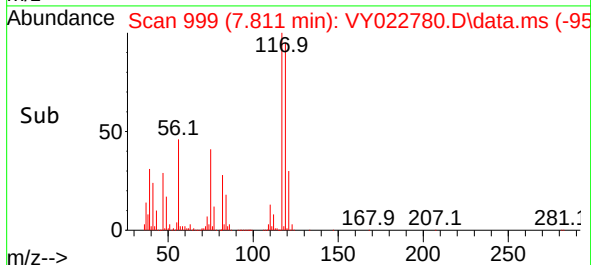
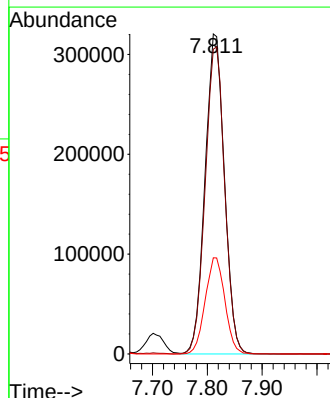
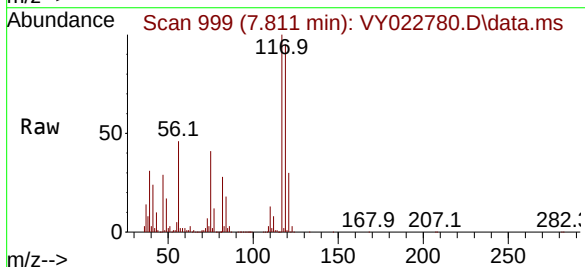
Tgt Ion: 117 Resp: 784957

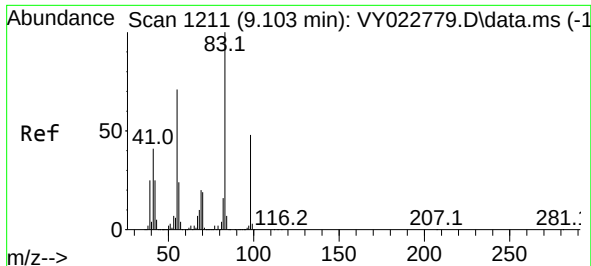
Ion Ratio Lower Upper

117 100

119 95.2 77.5 116.3

121 30.1 24.1 36.1





#39

Methylcyclohexane

Concen: 101.963 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

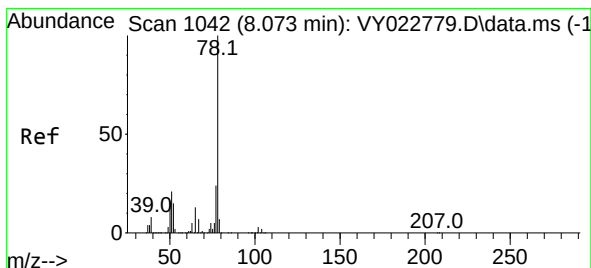
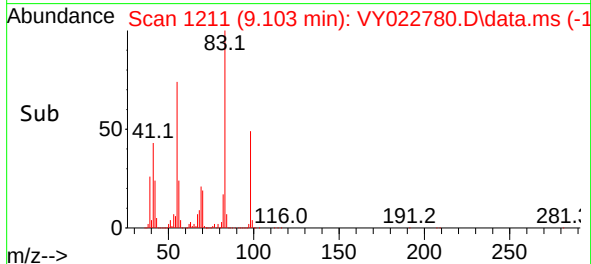
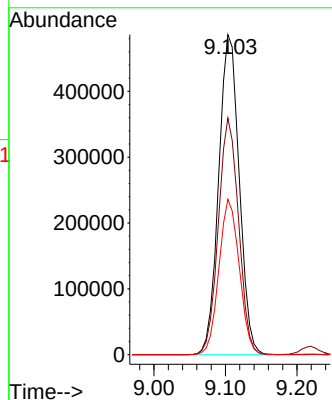
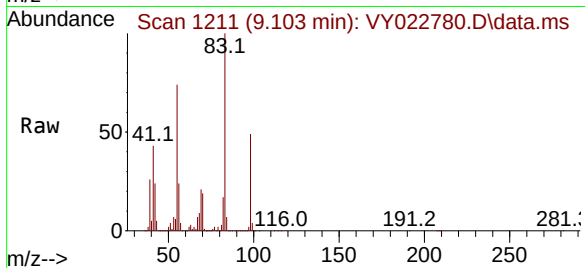
Tgt Ion: 83 Resp: 969618

Ion Ratio Lower Upper

83 100

55 73.9 56.6 84.8

98 48.6 38.1 57.1



#40

Benzene

Concen: 103.518 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY022780.D

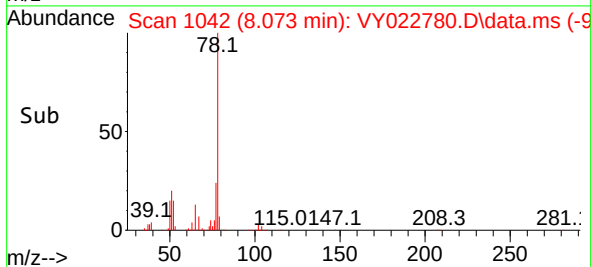
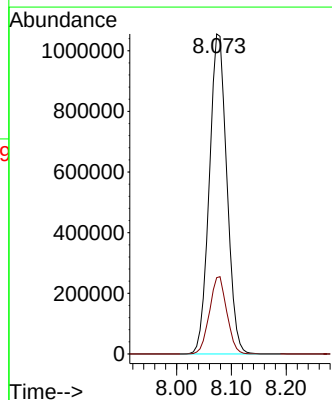
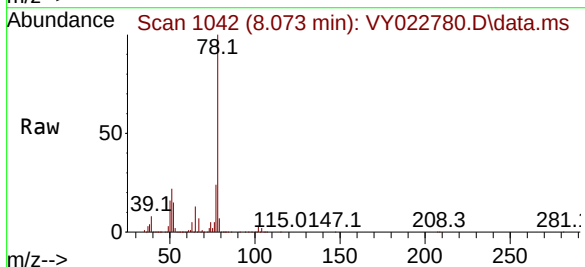
Acq: 23 Jun 2025 15:08

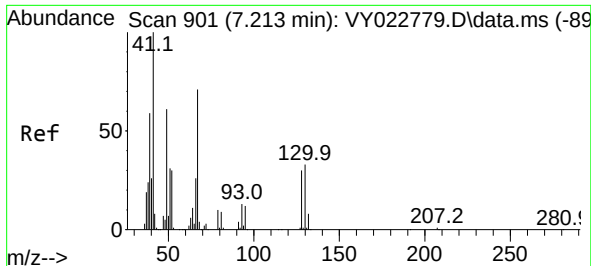
Tgt Ion: 78 Resp: 2338781

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

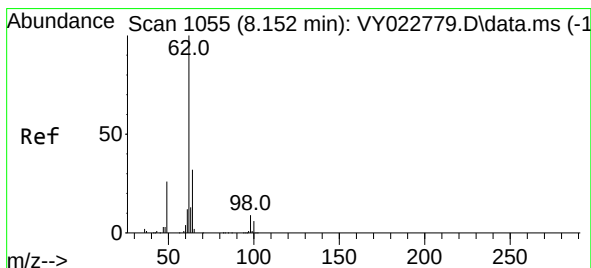
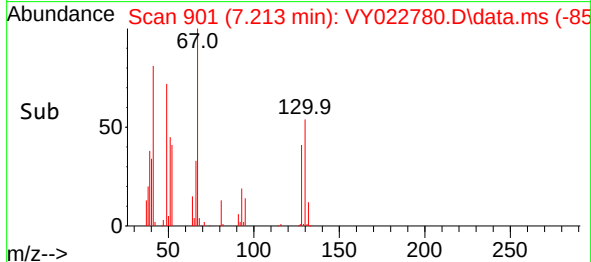
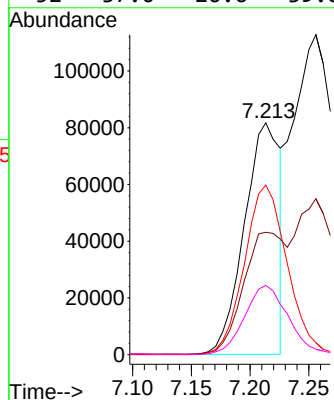
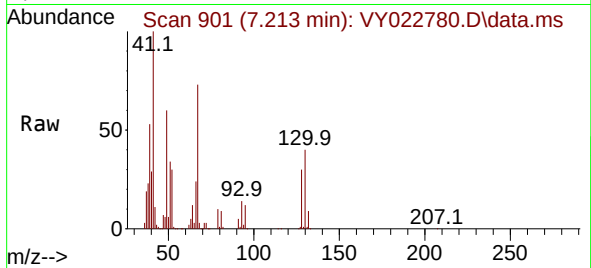




#41
Methacrylonitrile
Concen: 86.232 ug/l
RT: 7.213 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

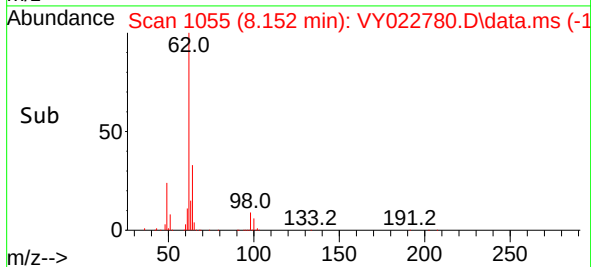
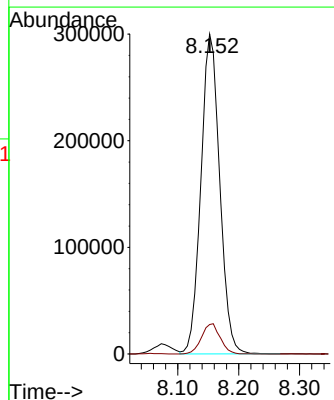
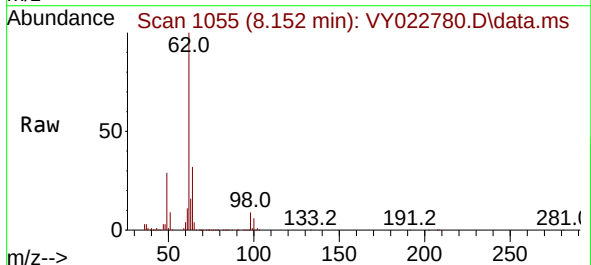
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

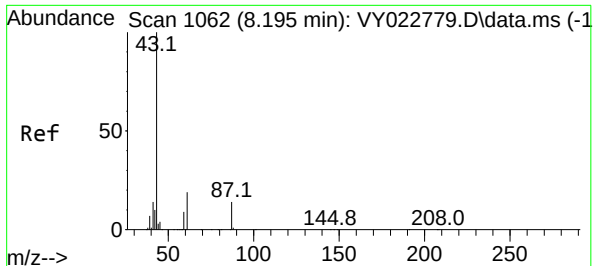
Tgt Ion: 41 Resp: 172503
Ion Ratio Lower Upper
41 100
39 63.3 44.7 67.1
67 88.2 63.1 94.7
52 37.0 26.6 39.8



#42
1,2-Dichloroethane
Concen: 104.044 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 62 Resp: 644142
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6

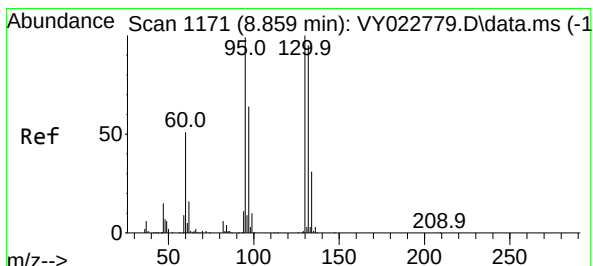
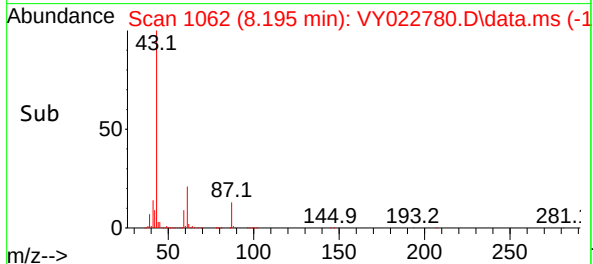
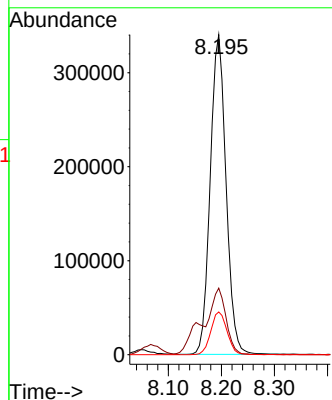
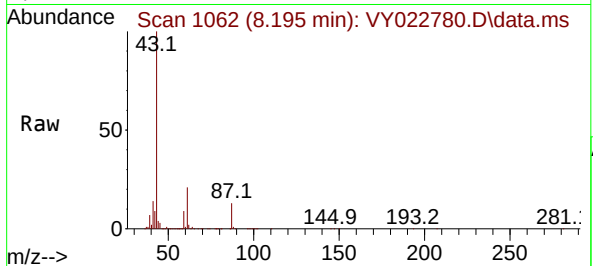




#43
Isopropyl Acetate
Concen: 106.813 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

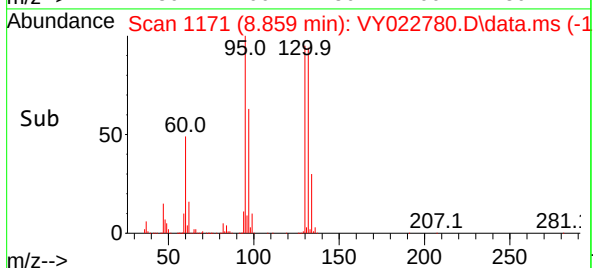
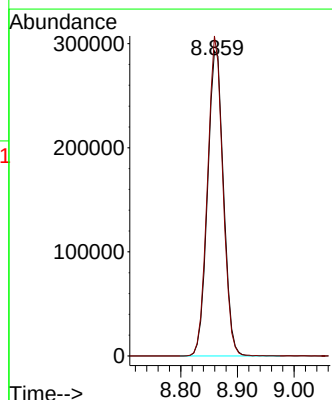
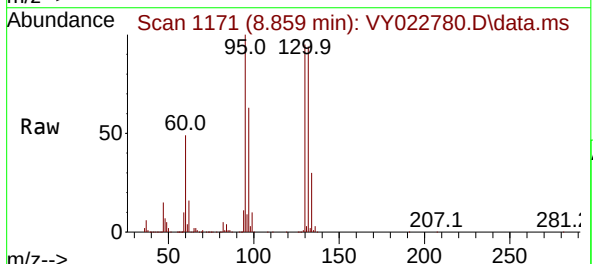
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

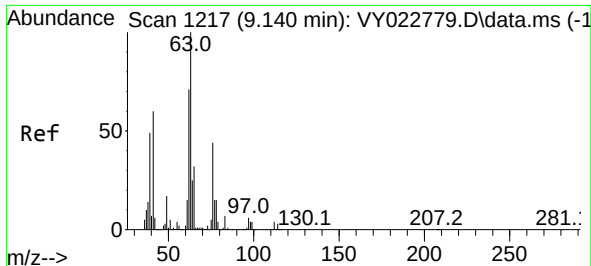
Tgt Ion: 43 Resp: 703942
Ion Ratio Lower Upper
43 100
61 19.9 16.7 25.1
87 13.8 11.0 16.4



#44
Trichloroethene
Concen: 101.178 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion:130 Resp: 573927
Ion Ratio Lower Upper
130 100
95 104.9 0.0 197.2





#45

1,2-Dichloropropane

Concen: 102.824 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

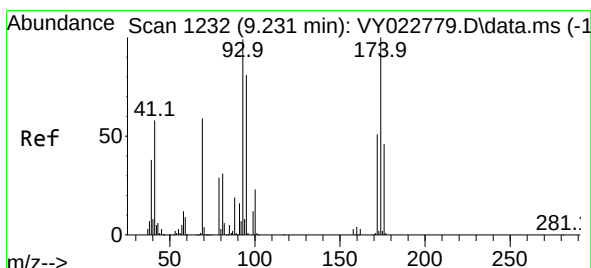
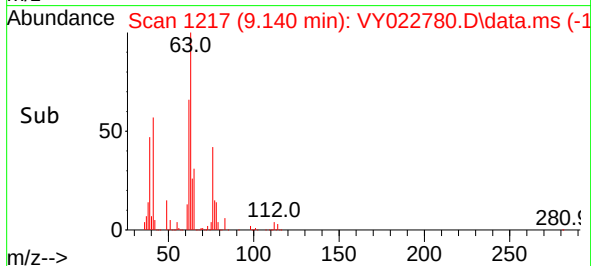
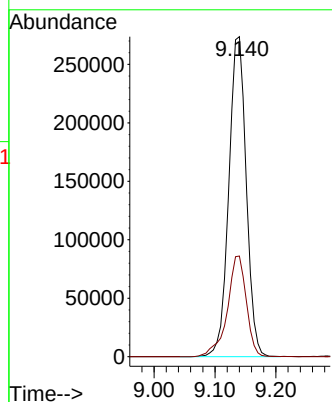
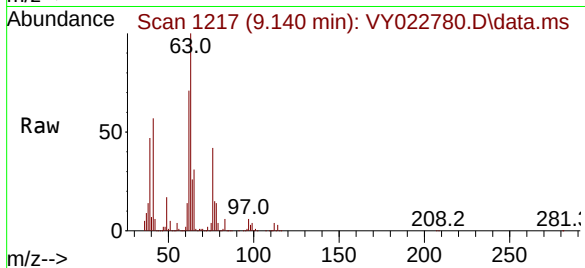
VSTDIC100

Tgt Ion: 63 Resp: 543704

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 102.889 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

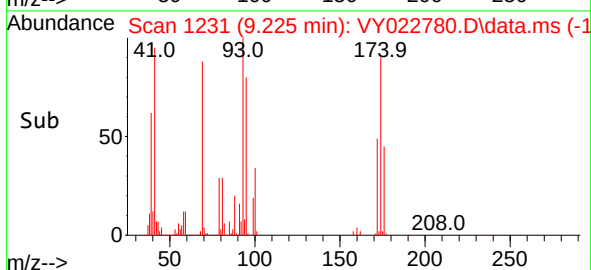
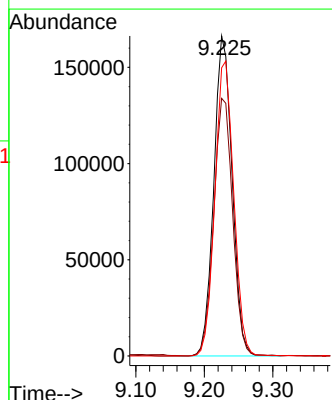
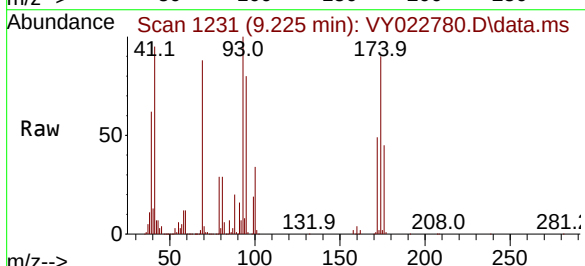
Tgt Ion: 93 Resp: 308843

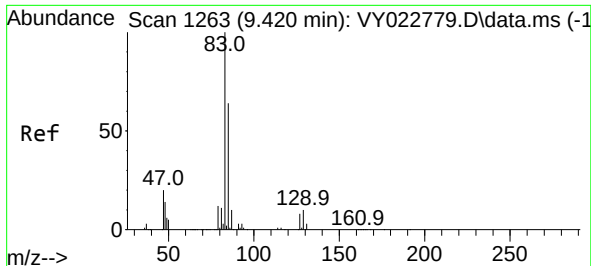
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 94.6 76.7 115.1

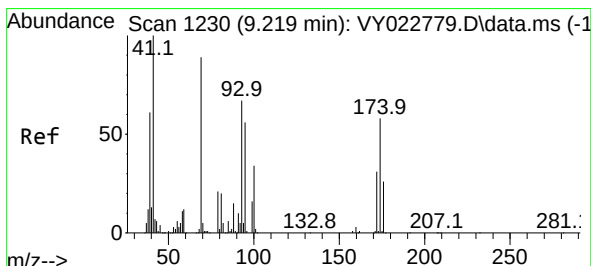
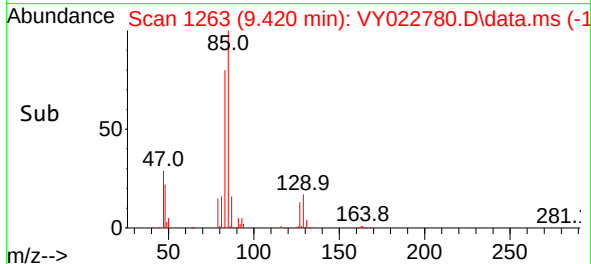
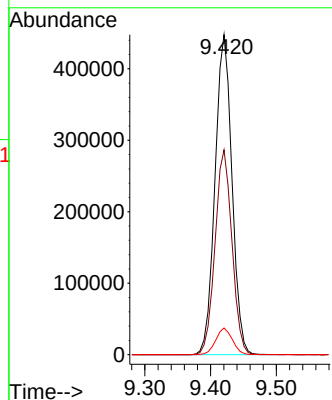
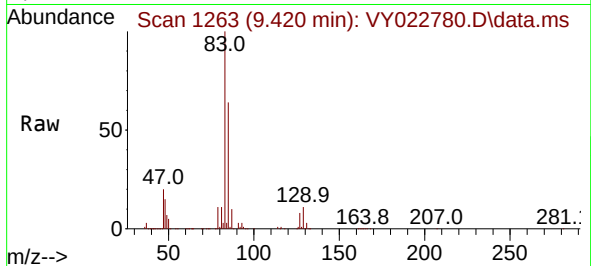




#47
Bromodichloromethane
Concen: 103.743 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

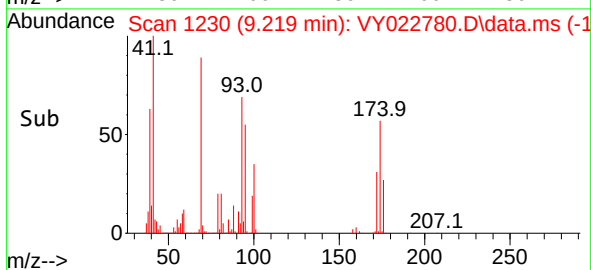
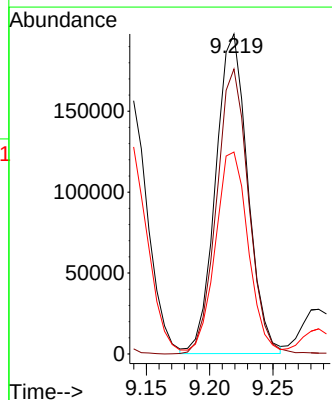
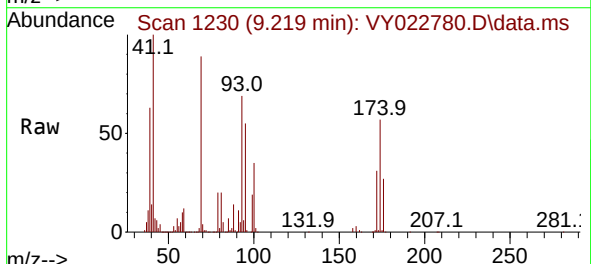
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

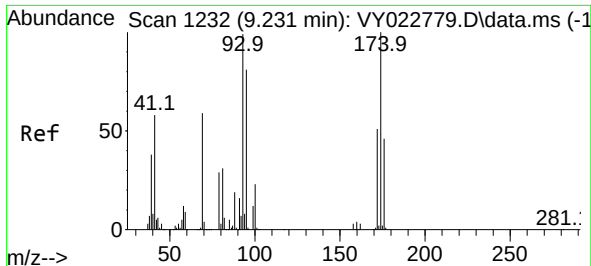
Tgt Ion: 83 Resp: 803009
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 110.068 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 41 Resp: 348723
Ion Ratio Lower Upper
41 100
69 89.2 70.6 105.8
39 62.1 50.2 75.4





#49

1,4-Dioxane

Concen: 2087.539 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

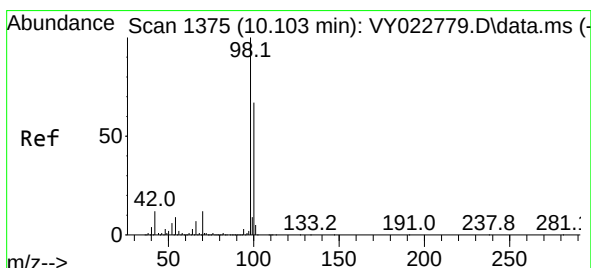
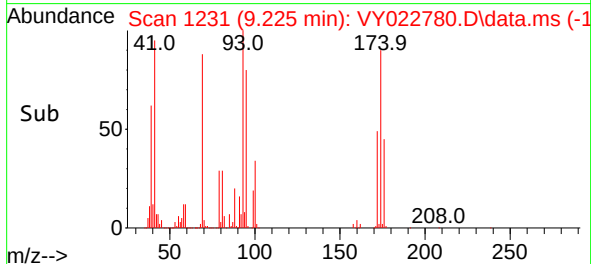
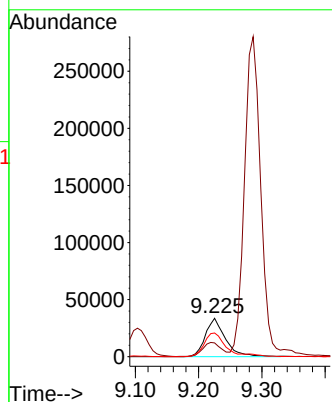
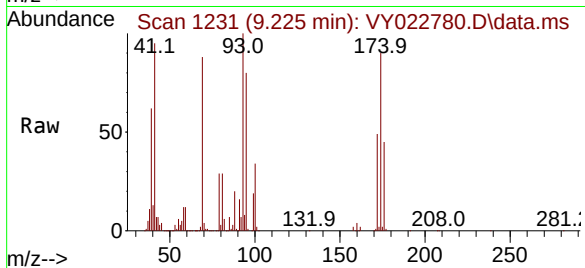
Tgt Ion: 88 Resp: 74032

Ion Ratio Lower Upper

88 100

43 35.0 27.6 41.4

58 68.5 50.6 75.8



#50

Toluene-d8

Concen: 104.594 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022780.D

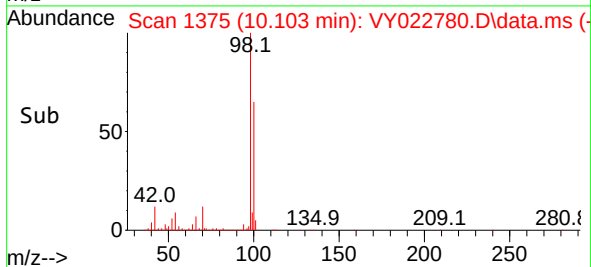
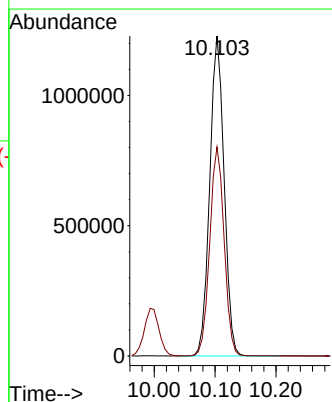
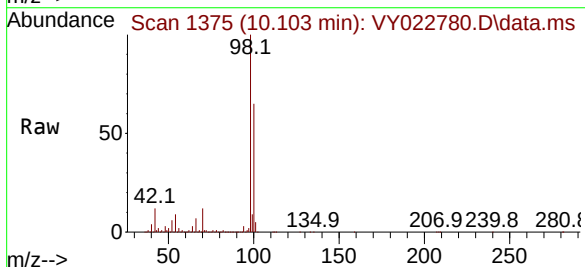
Acq: 23 Jun 2025 15:08

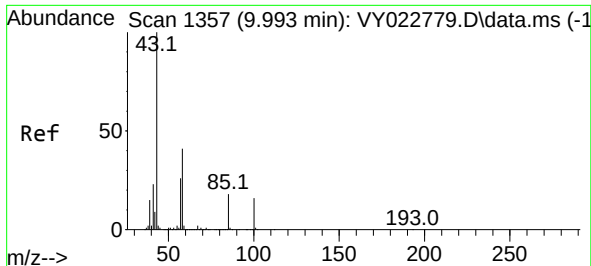
Tgt Ion: 98 Resp: 2012122

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4

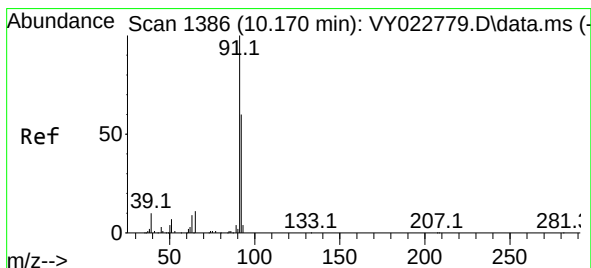
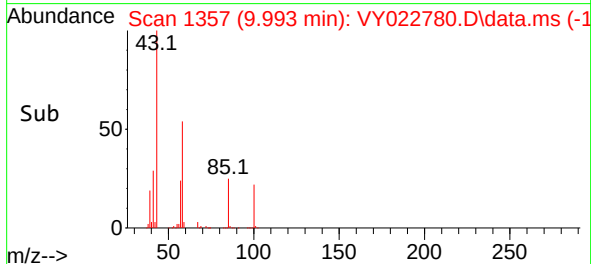
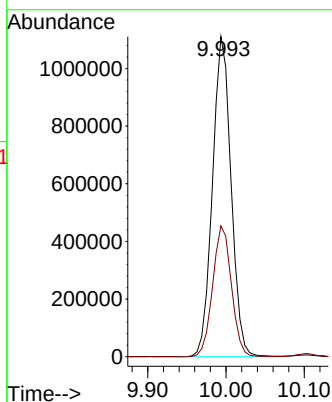
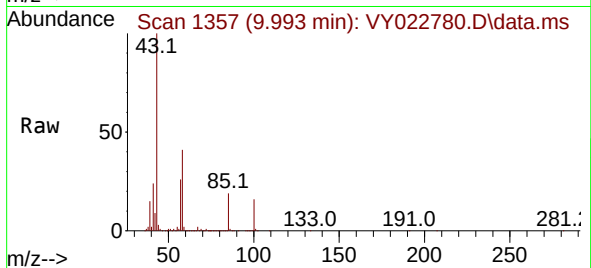




#51
4-Methyl-2-Pentanone
Concen: 547.404 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

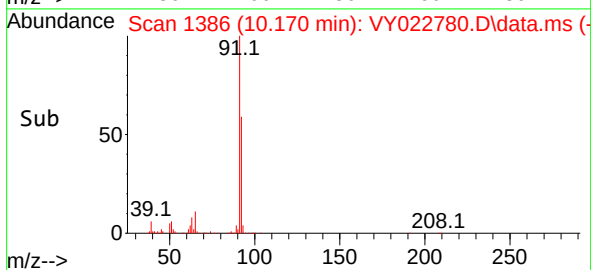
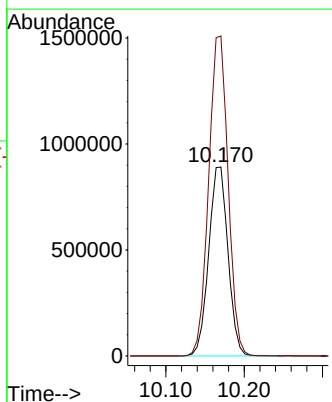
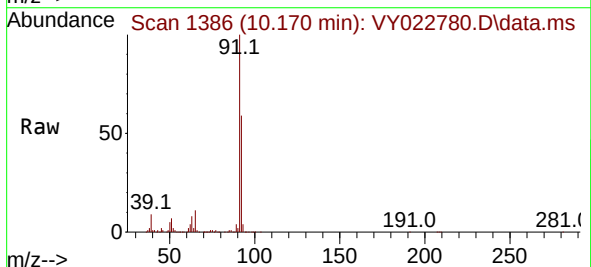
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

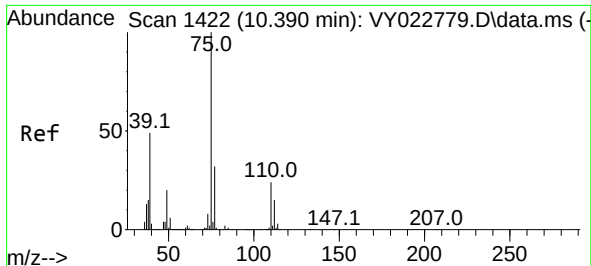
Tgt Ion: 43 Resp: 1833298
Ion Ratio Lower Upper
43 100
58 41.2 32.9 49.3



#52
Toluene
Concen: 106.816 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 92 Resp: 1522485
Ion Ratio Lower Upper
92 100
91 170.9 137.2 205.8

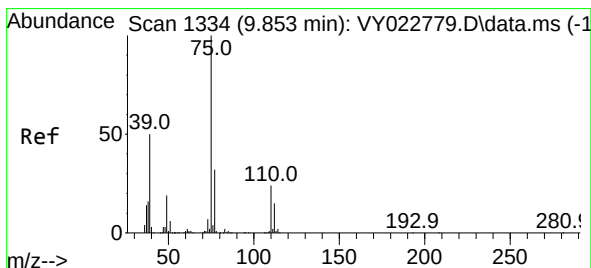
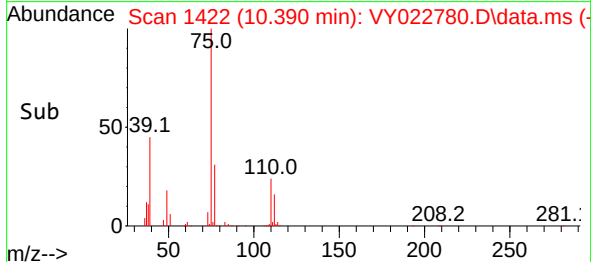
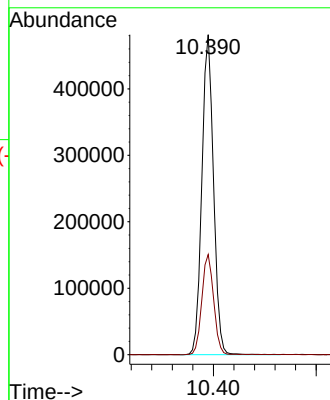
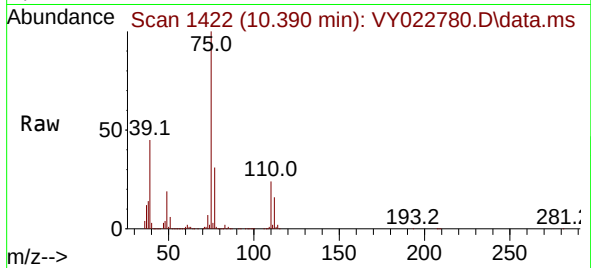




#53
 t-1,3-Dichloropropene
 Concen: 108.342 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022780.D
 Acq: 23 Jun 2025 15:08

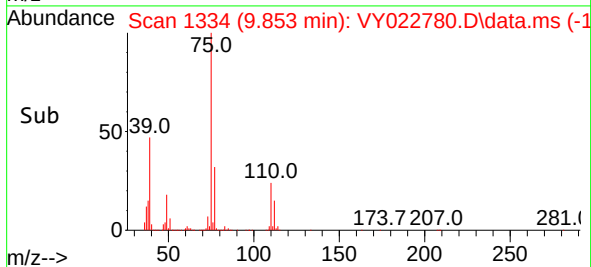
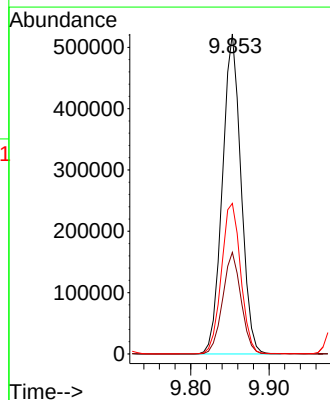
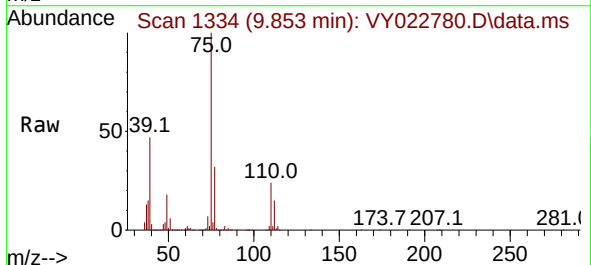
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

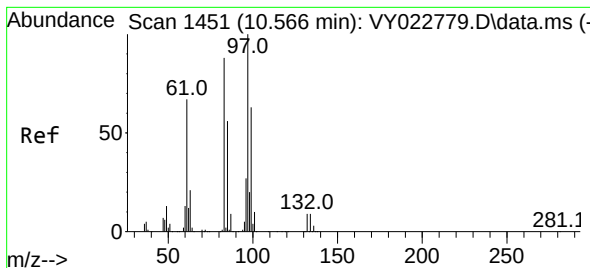
Tgt Ion: 75 Resp: 754526
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 106.593 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022780.D
 Acq: 23 Jun 2025 15:08

Tgt Ion: 75 Resp: 860746
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 47.0 40.2 60.2



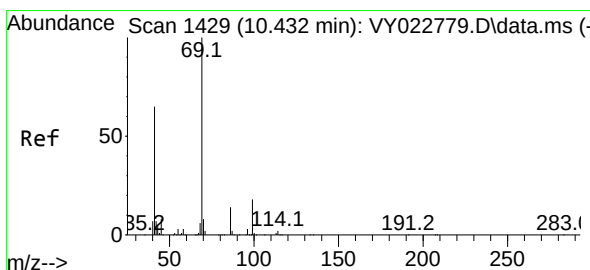
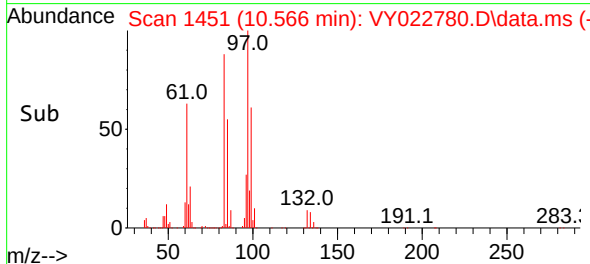
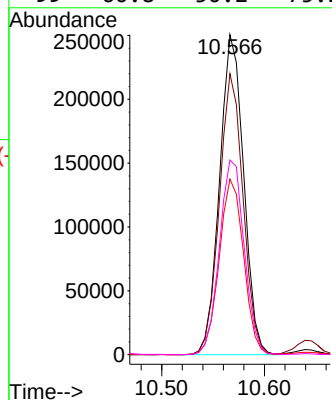
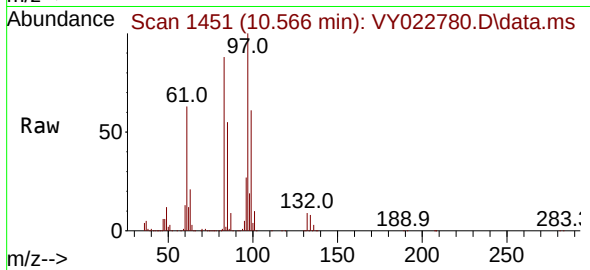


#55
1,1,2-Trichloroethane
Concen: 104.800 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 407343

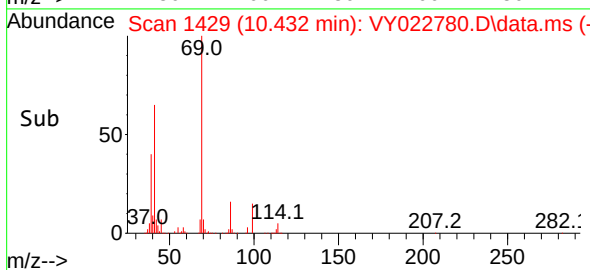
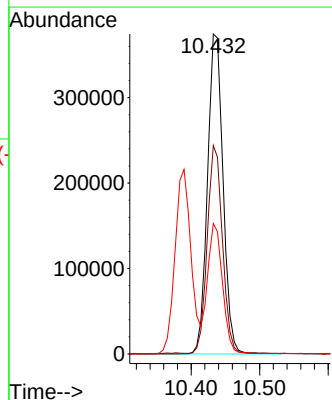
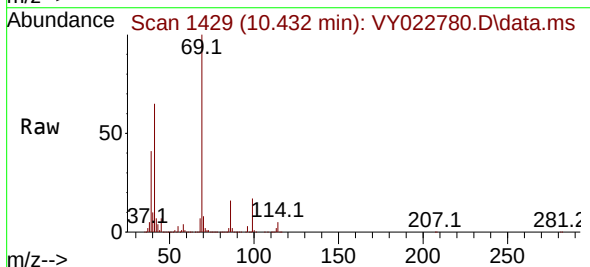
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.6	106.0
85	54.9	45.0	67.4
99	60.8	50.2	75.2

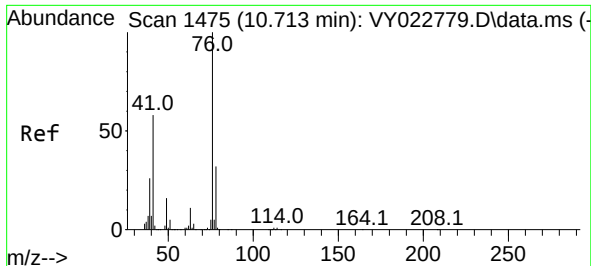


#56
Ethyl methacrylate
Concen: 113.331 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 69 Resp: 592646

Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.2	76.8
39	38.9	31.4	47.2





#57

1,3-Dichloropropane

Concen: 104.027 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

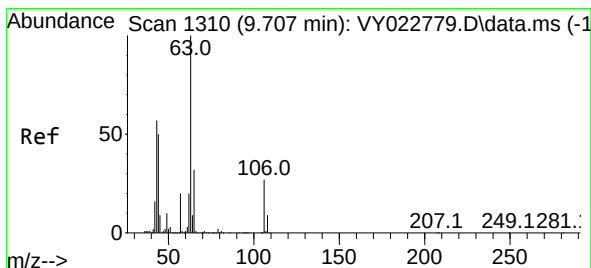
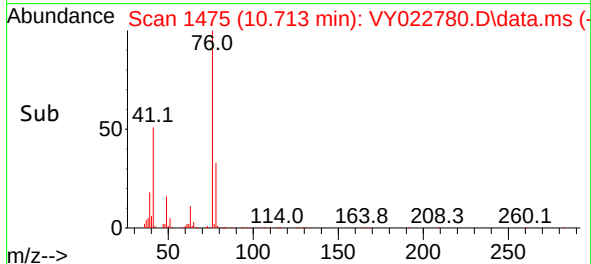
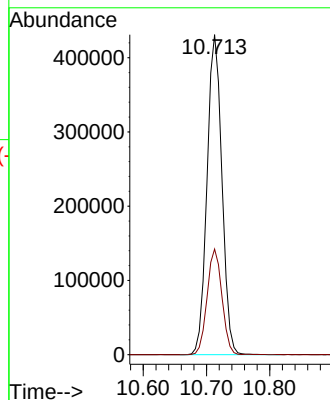
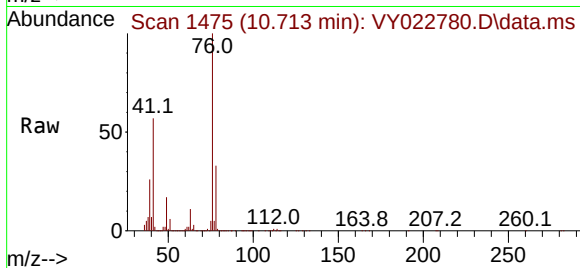
VSTDIC100

Tgt Ion: 76 Resp: 705449

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 506.517 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022780.D

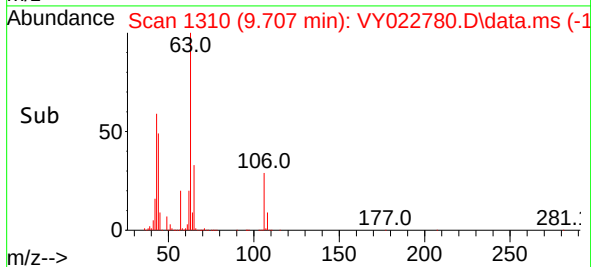
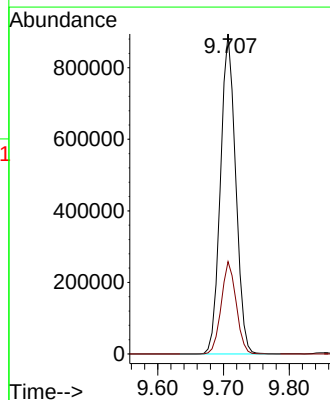
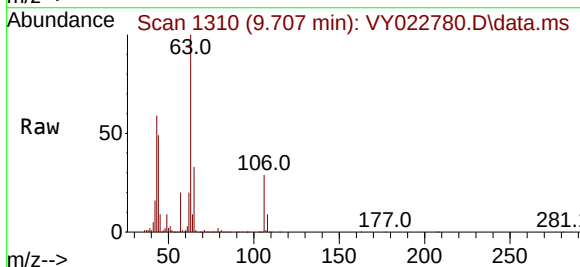
Acq: 23 Jun 2025 15:08

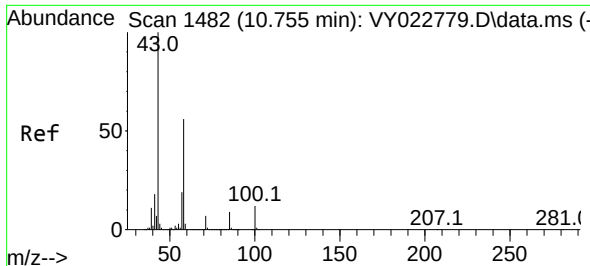
Tgt Ion: 63 Resp: 1439247

Ion Ratio Lower Upper

63 100

106 28.3 22.3 33.5

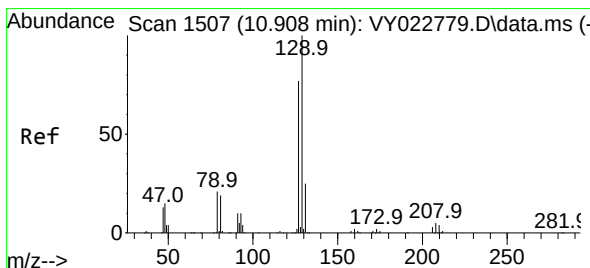
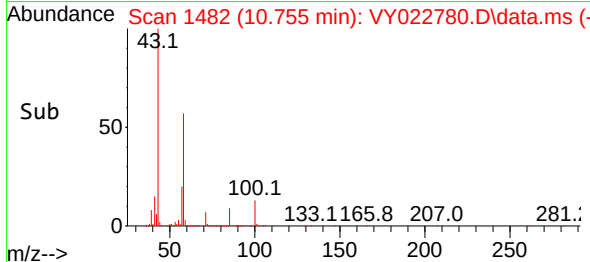
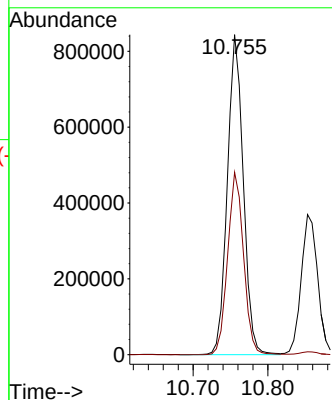
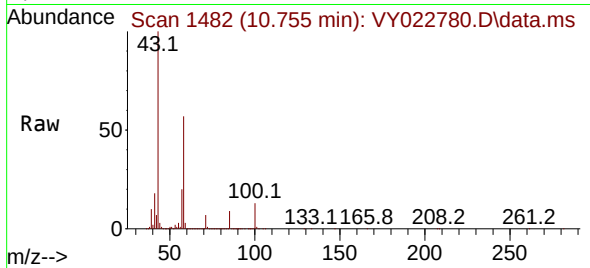




#59
2-Hexanone
Concen: 549.018 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

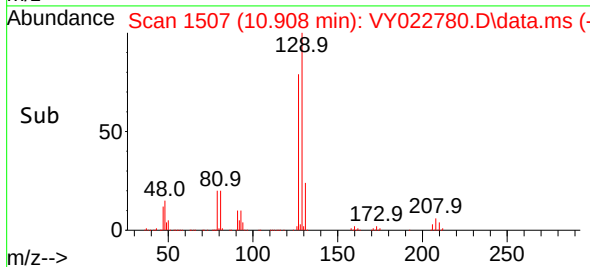
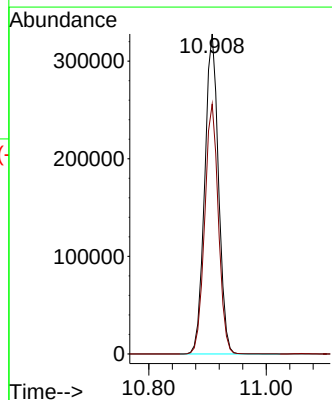
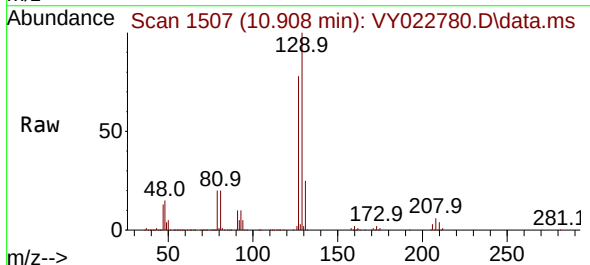
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

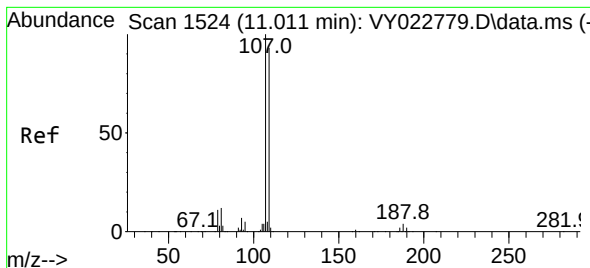
Tgt Ion: 43 Resp: 1250090
Ion Ratio Lower Upper
43 100
58 57.0 28.0 83.9



#60
Dibromochloromethane
Concen: 106.627 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 129 Resp: 535327
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1

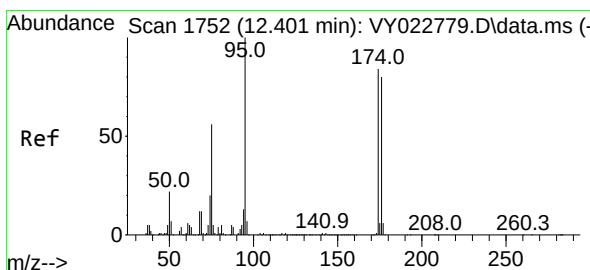
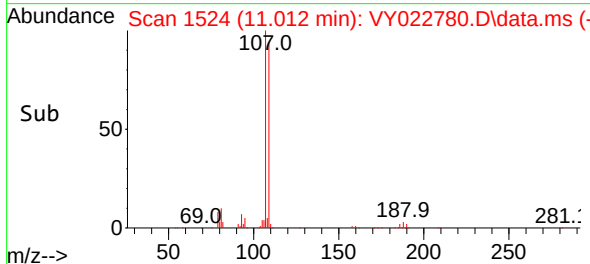
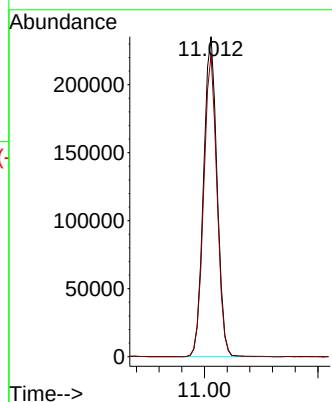
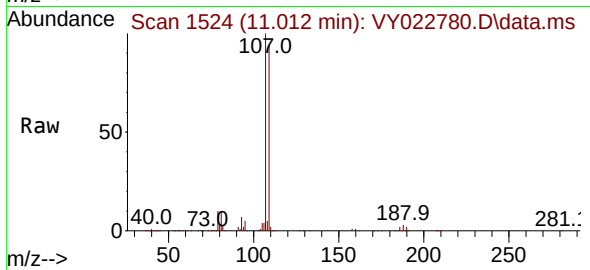




#61
1,2-Dibromoethane
Concen: 106.848 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

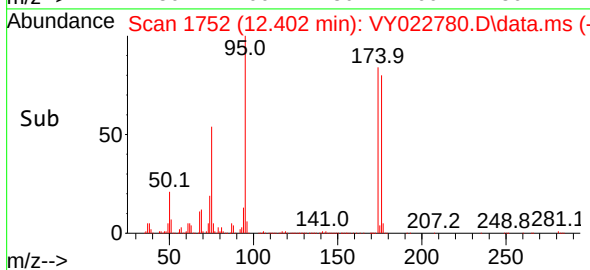
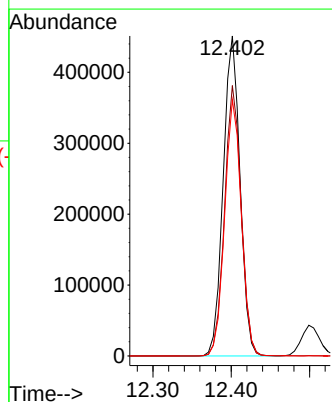
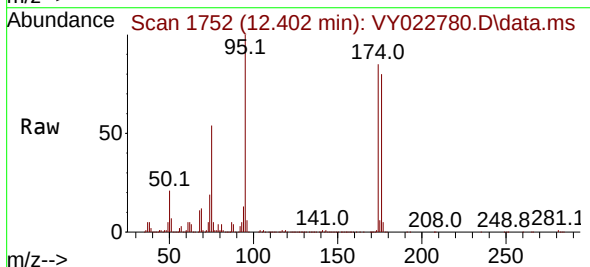
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

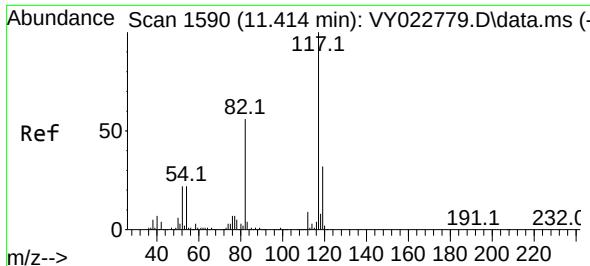
Tgt Ion:107 Resp: 388631
Ion Ratio Lower Upper
107 100
109 92.8 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 108.931 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 95 Resp: 673658
Ion Ratio Lower Upper
95 100
174 83.8 0.0 168.2
176 79.5 0.0 160.8

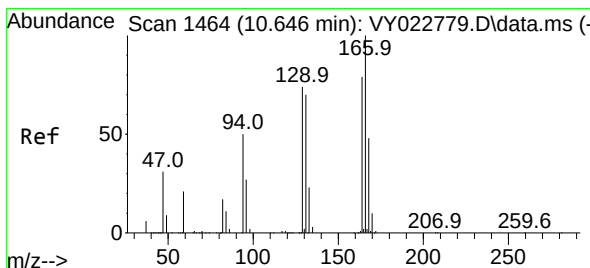
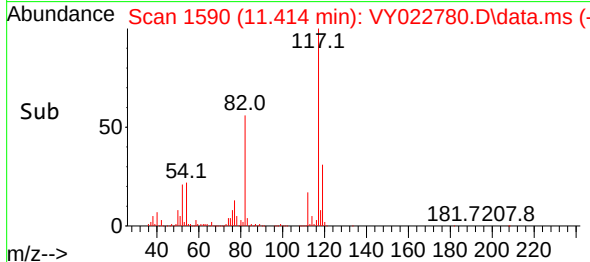
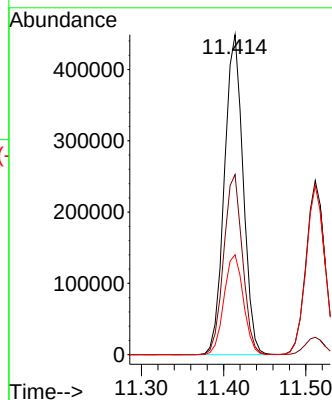
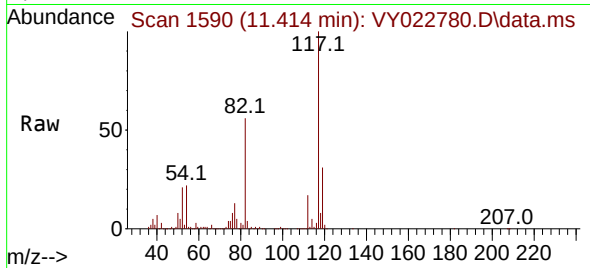




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

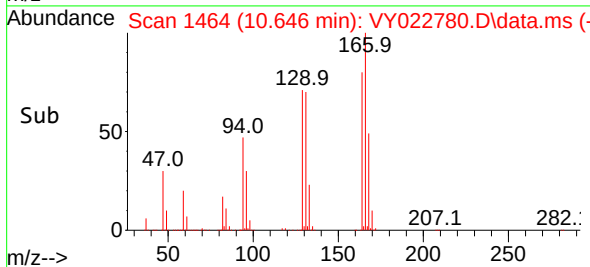
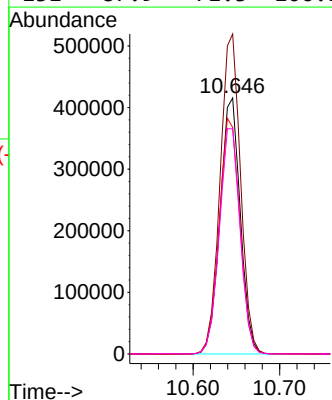
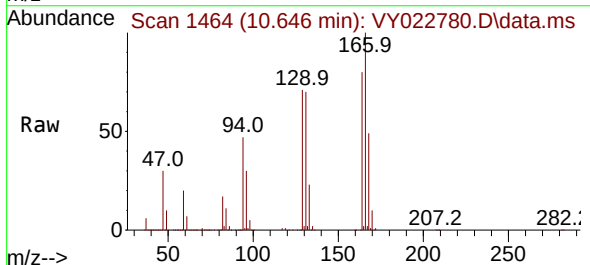
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

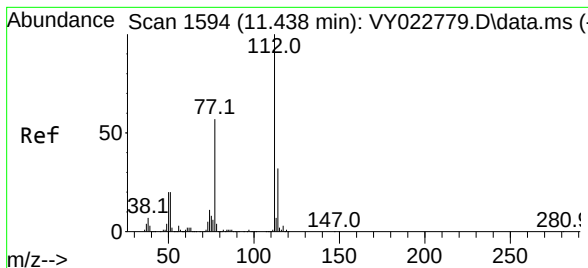
Tgt Ion:117 Resp: 712427
Ion Ratio Lower Upper
117 100
82 56.3 45.1 67.7
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 100.198 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion:164 Resp: 674360
Ion Ratio Lower Upper
164 100
166 125.0 101.2 151.8
129 88.5 74.7 112.1
131 87.9 71.3 106.9

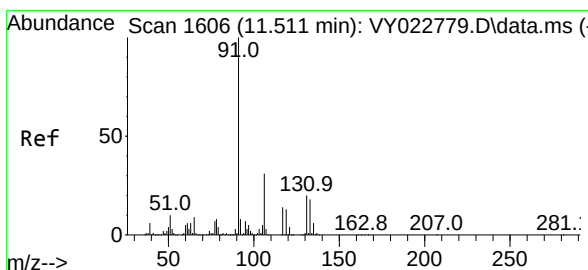
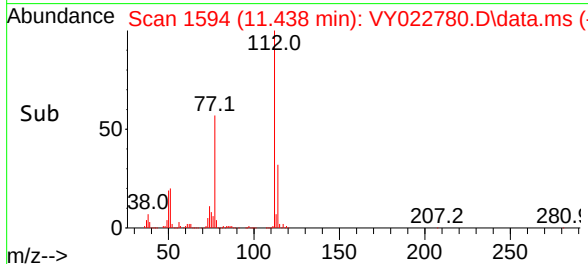
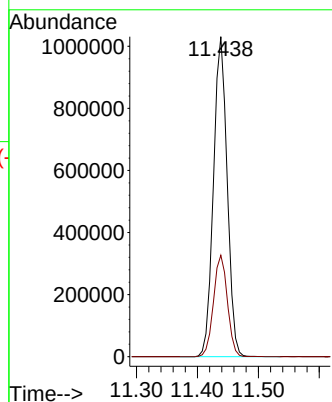
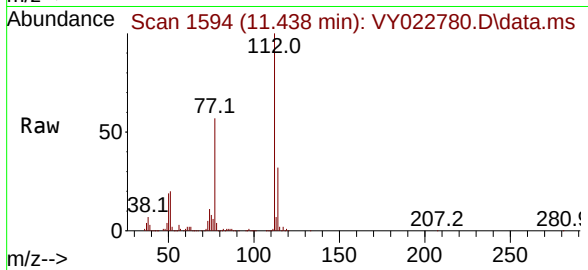




#65
Chlorobenzene
Concen: 102.870 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

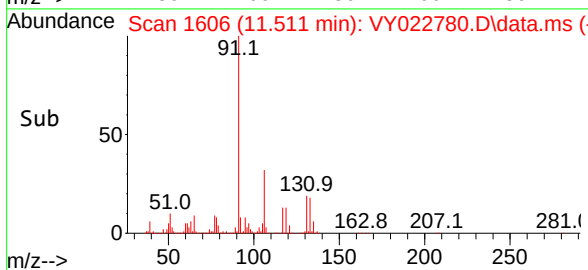
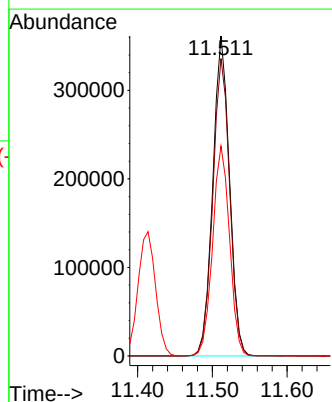
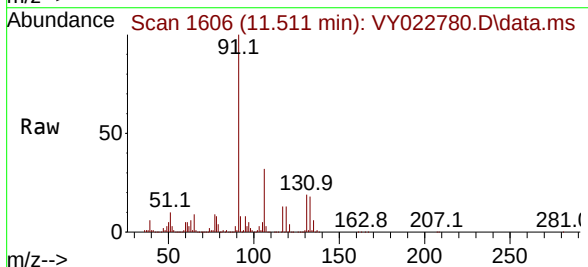
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

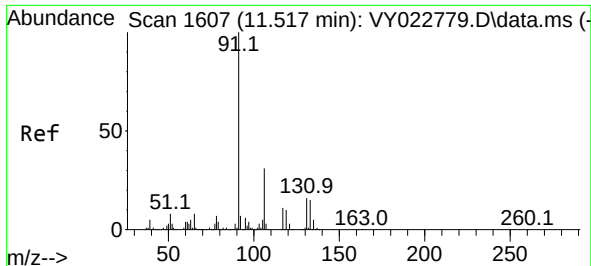
Tgt Ion:112 Resp: 1610361
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 105.587 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion:131 Resp: 559842
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.9
119 66.5 32.9 98.7





#67

Ethyl Benzene

Concen: 105.662 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

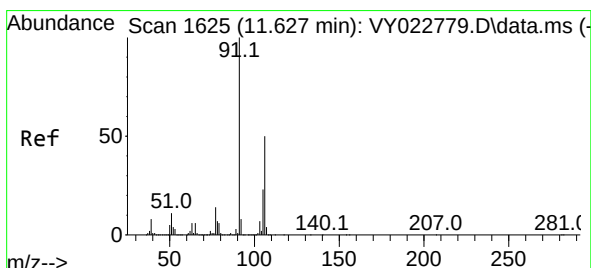
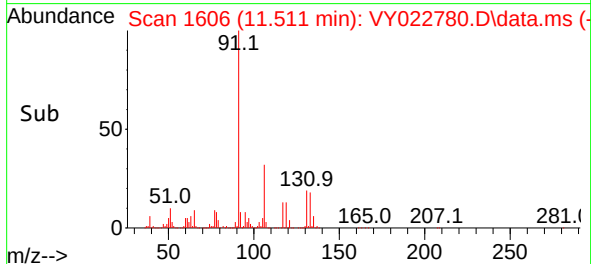
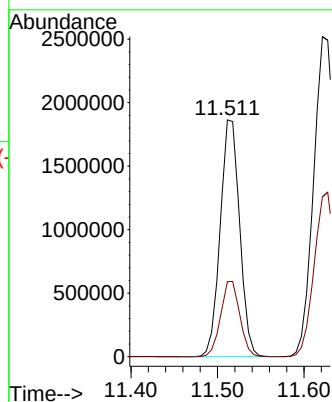
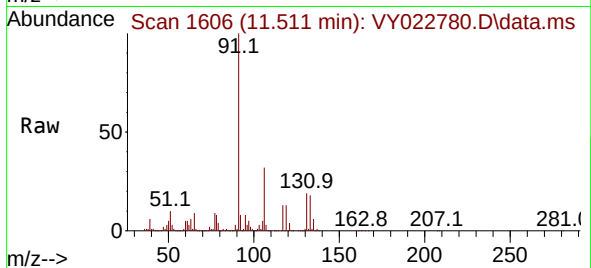
VSTDIC100

Tgt Ion: 91 Resp: 2906187

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 214.327 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022780.D

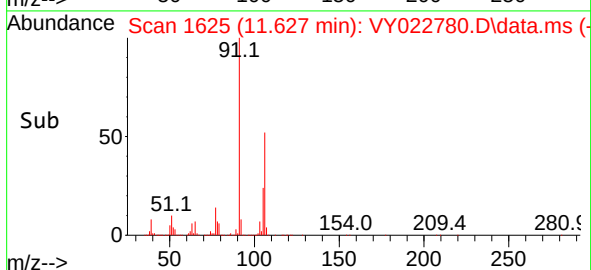
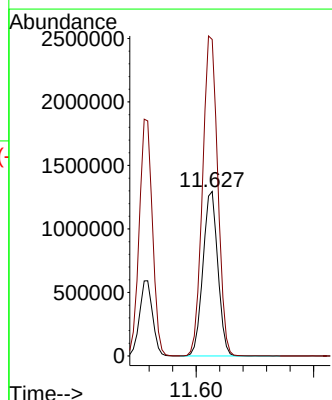
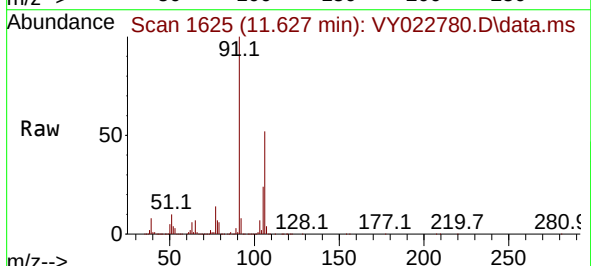
Acq: 23 Jun 2025 15:08

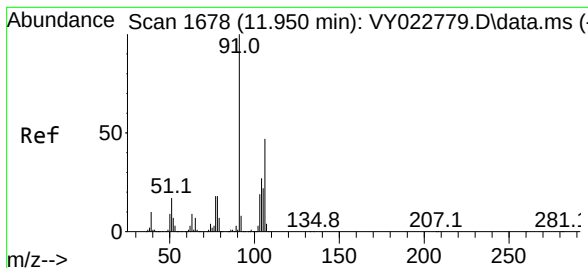
Tgt Ion:106 Resp: 2278768

Ion Ratio Lower Upper

106 100

91 198.8 160.4 240.6

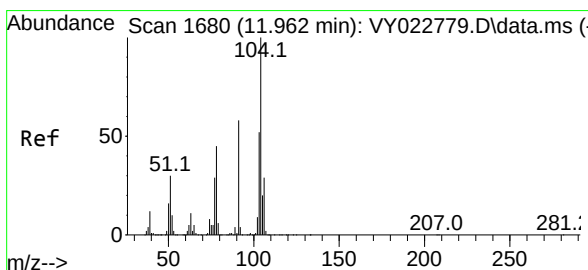
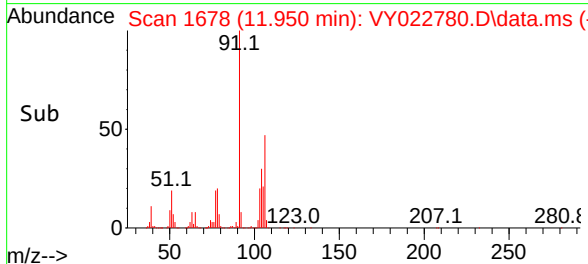
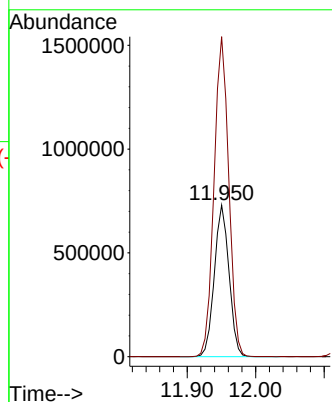
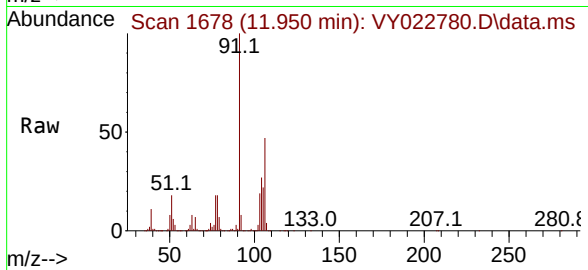




#69
o-Xylene
Concen: 108.020 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

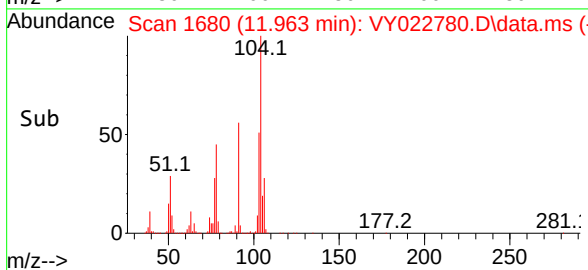
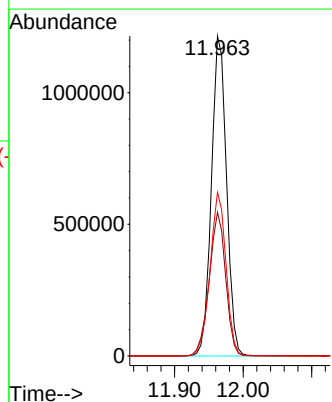
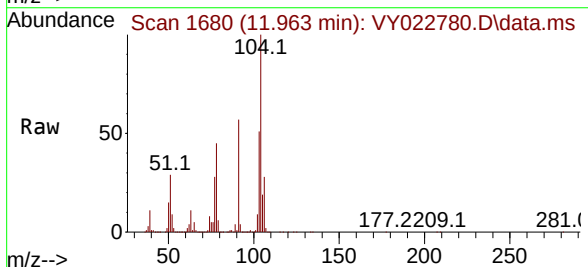
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

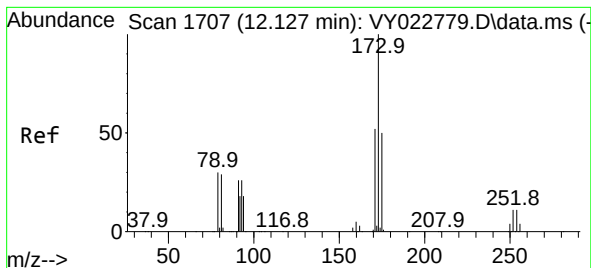
Tgt Ion:106 Resp: 1082170
Ion Ratio Lower Upper
106 100
91 212.1 106.9 320.8



#70
Styrene
Concen: 111.168 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion:104 Resp: 1865505
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 54.2 43.7 65.5





#71

Bromoform

Concen: 108.756 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

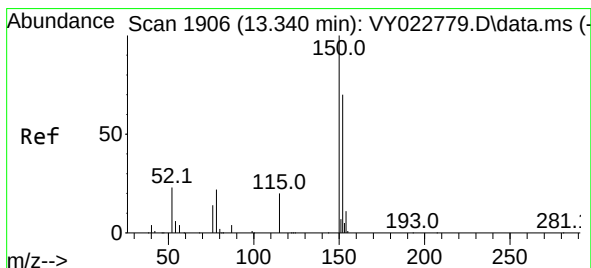
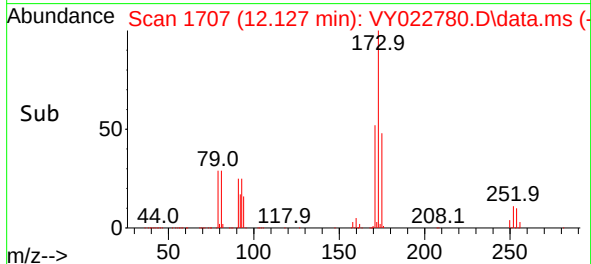
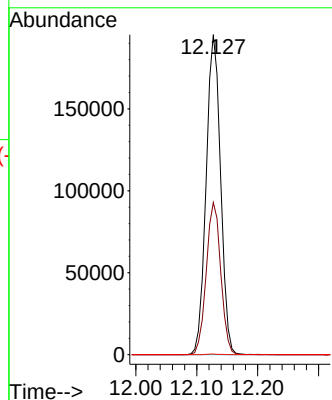
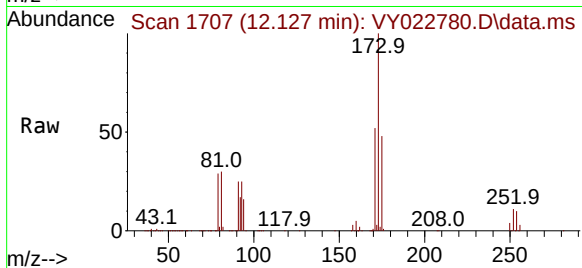
Tgt Ion:173 Resp: 321083

Ion Ratio Lower Upper

173 100

175 47.8 24.5 73.5

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

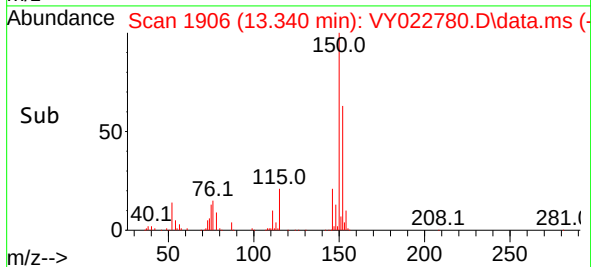
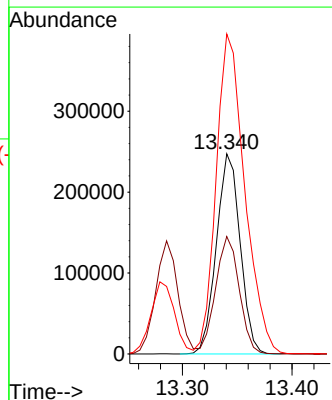
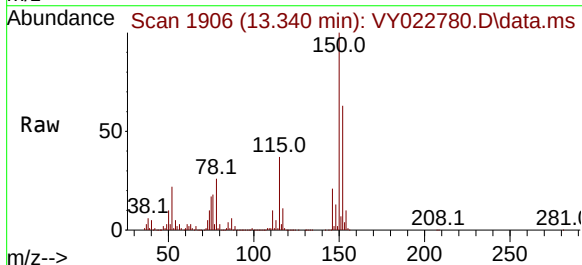
Tgt Ion:152 Resp: 372652

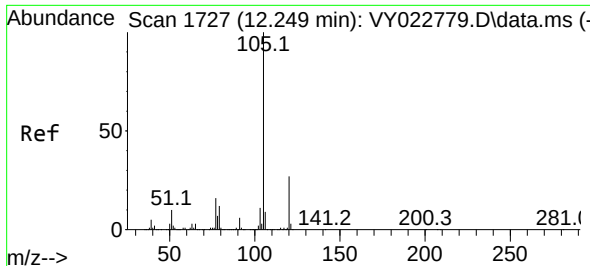
Ion Ratio Lower Upper

152 100

115 58.6 28.1 84.3

150 192.4 0.0 346.4

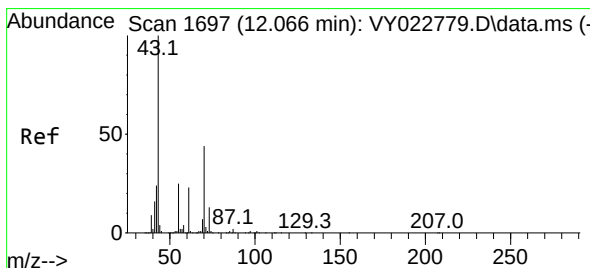
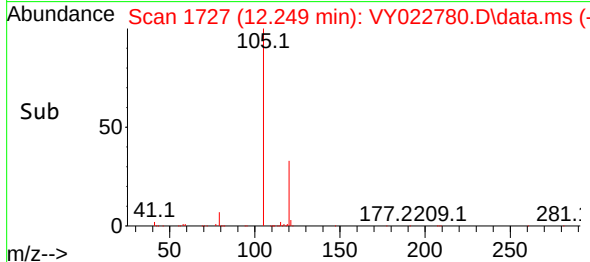
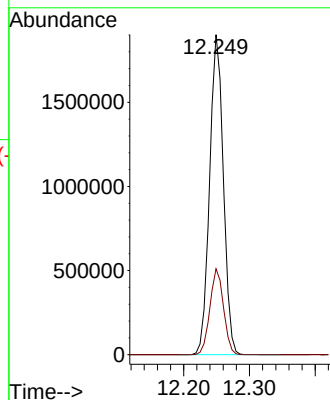
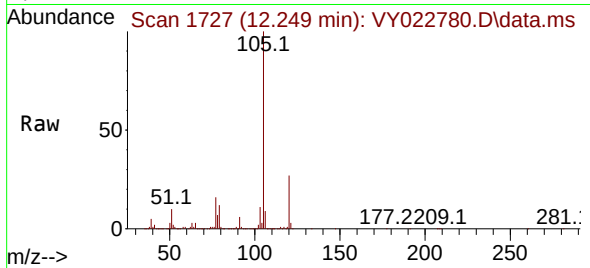




#73
Isopropylbenzene
Concen: 100.312 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

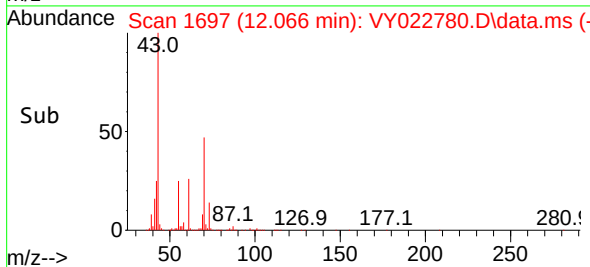
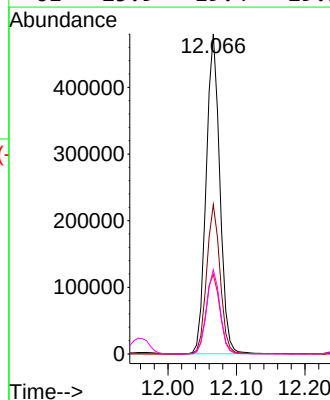
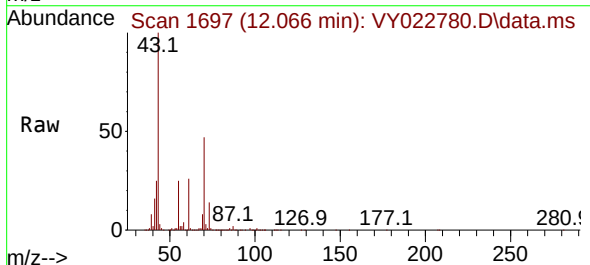
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

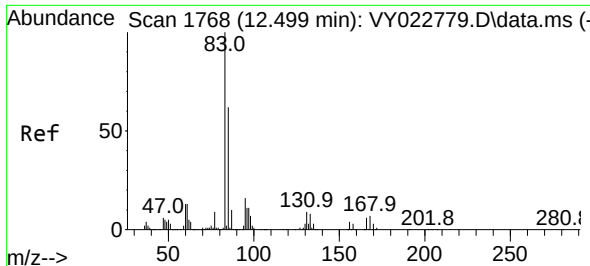
Tgt Ion:105 Resp: 2764621
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 107.920 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 43 Resp: 667613
Ion Ratio Lower Upper
43 100
70 46.1 35.8 53.6
55 25.6 19.9 29.9
61 25.9 19.4 29.2

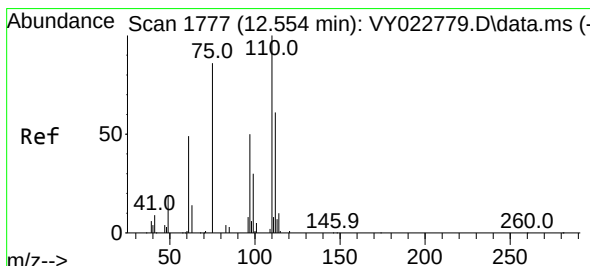
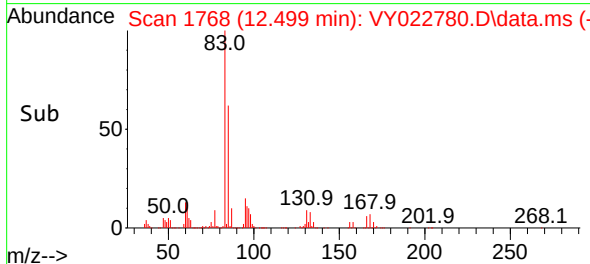
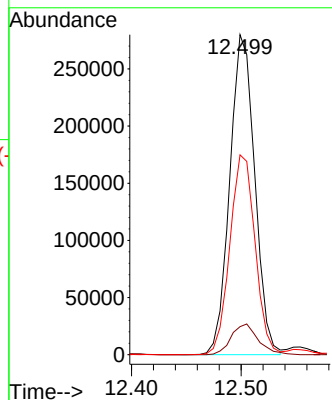
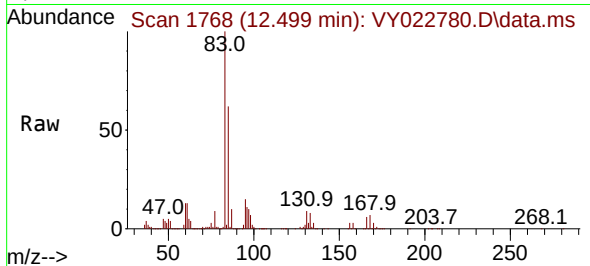




#75
1,1,2,2-Tetrachloroethane
Concen: 99.615 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

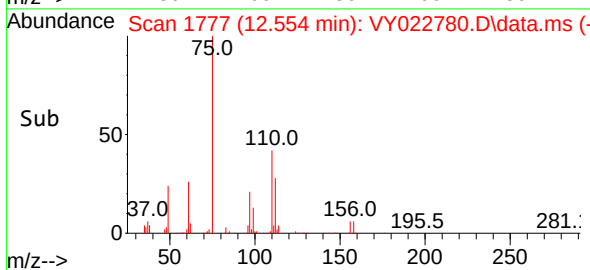
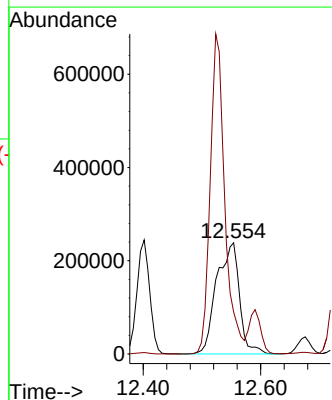
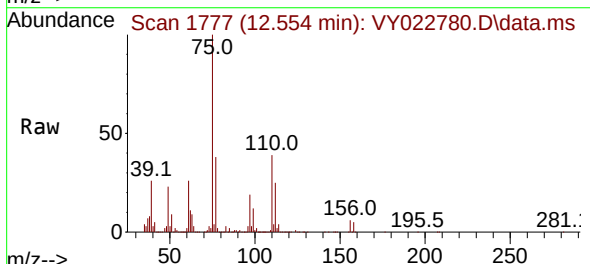
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

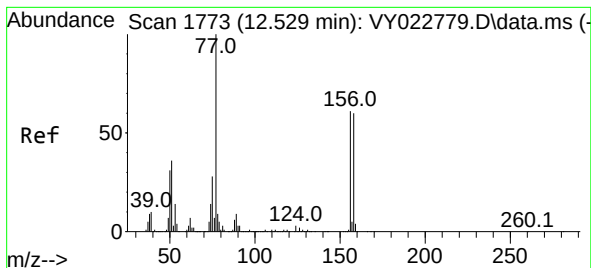
Tgt Ion: 83 Resp: 442467
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 63.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 163.612 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 75 Resp: 642049
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.040 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

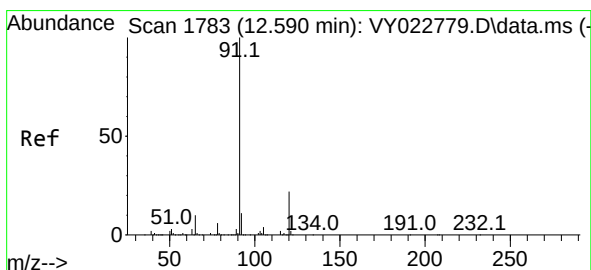
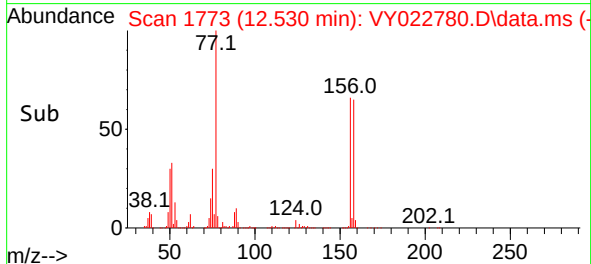
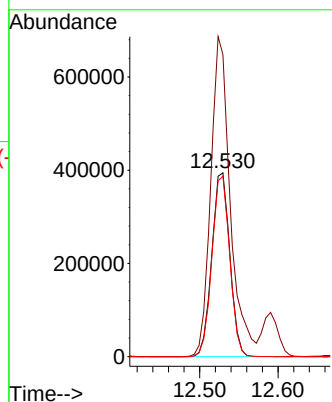
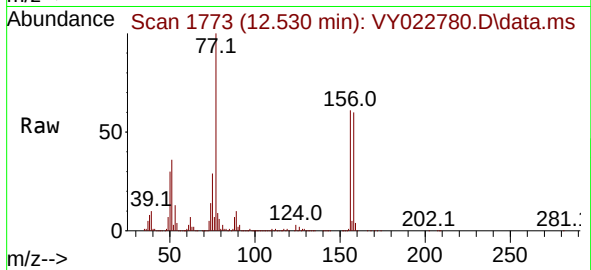
Tgt Ion:156 Resp: 631186

Ion Ratio Lower Upper

156 100

77 188.0 93.4 280.2

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 99.735 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022780.D

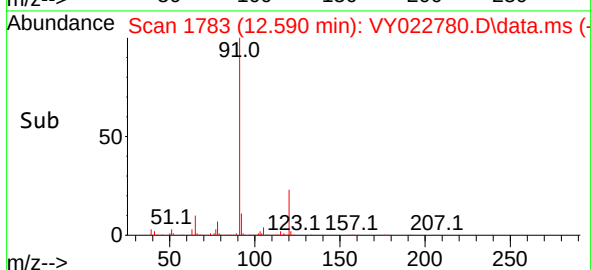
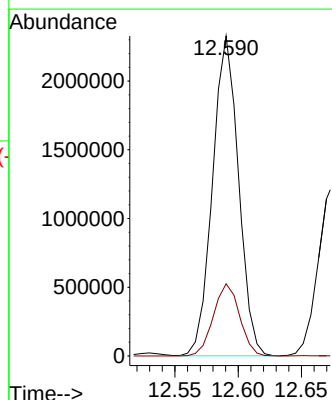
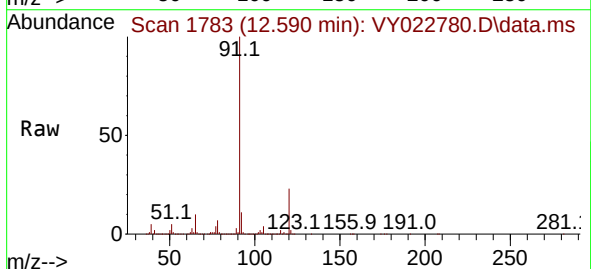
Acq: 23 Jun 2025 15:08

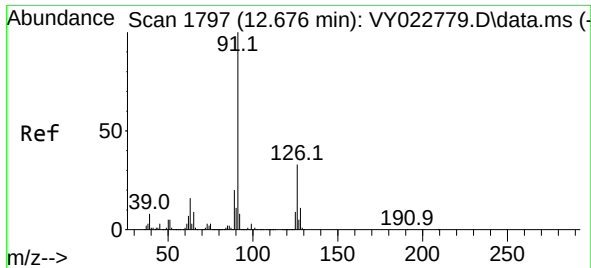
Tgt Ion: 91 Resp: 3318659

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8

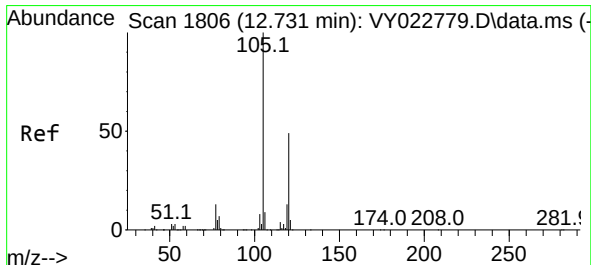
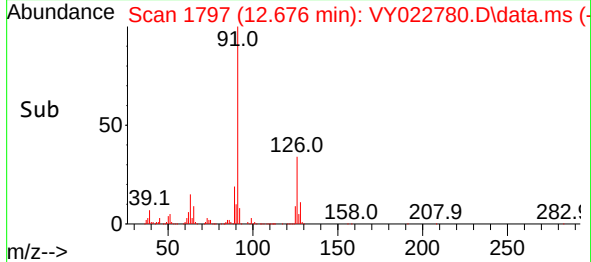
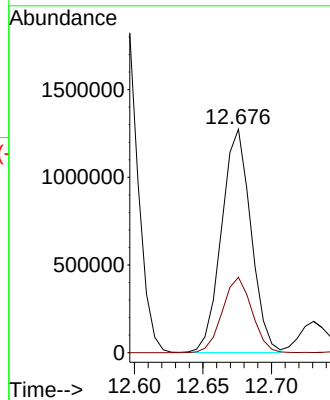
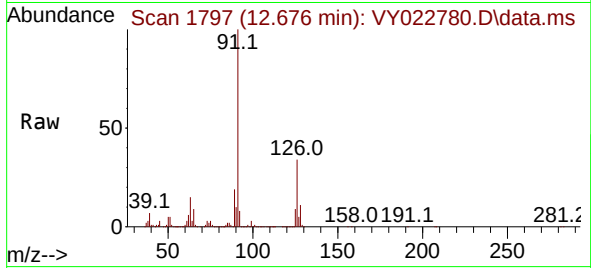




#79
2-Chlorotoluene
Concen: 101.319 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

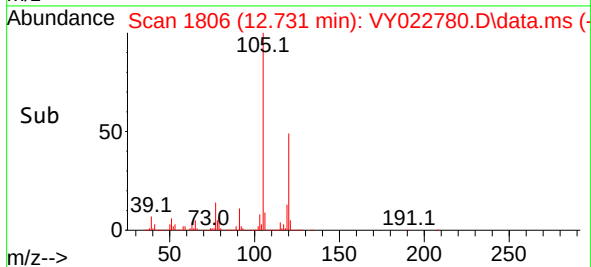
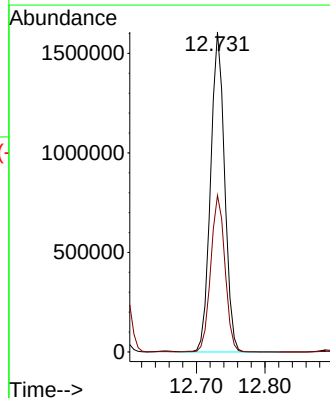
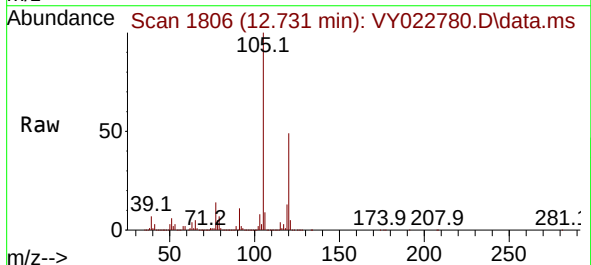
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

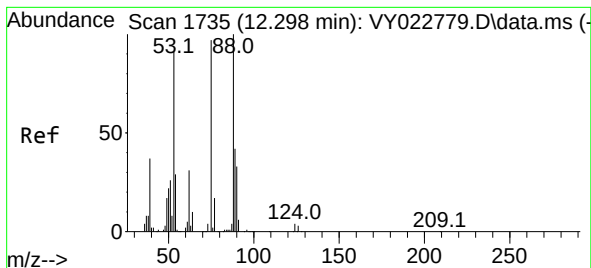
Tgt Ion: 91 Resp: 1904783
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 102.773 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 105 Resp: 2286529
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.3

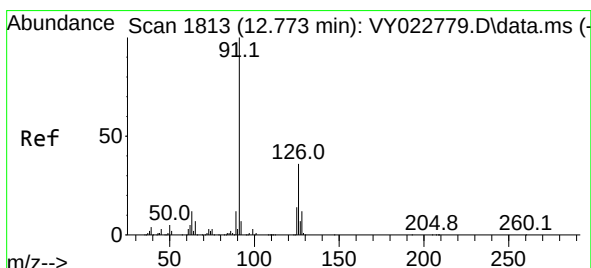
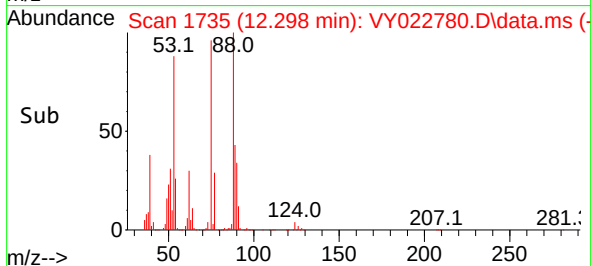
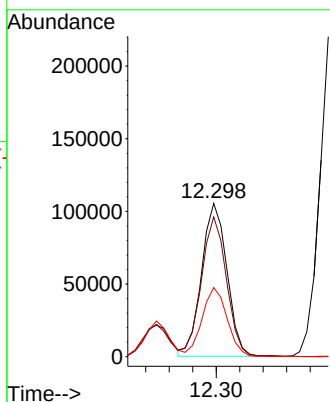
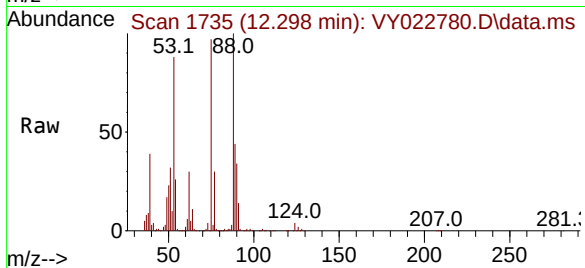




#81
trans-1,4-Dichloro-2-butene
Concen: 104.703 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

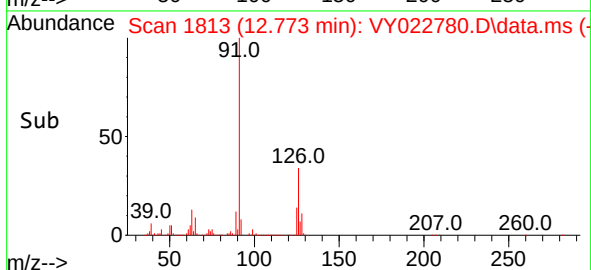
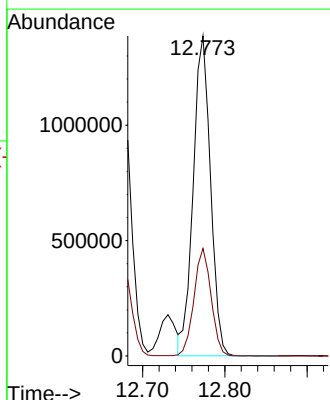
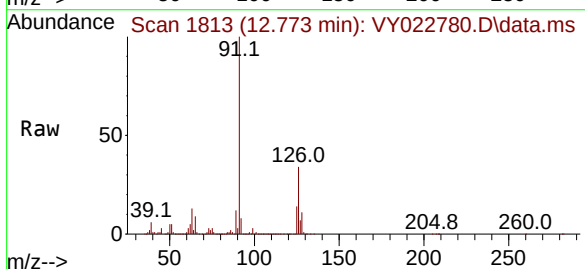
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

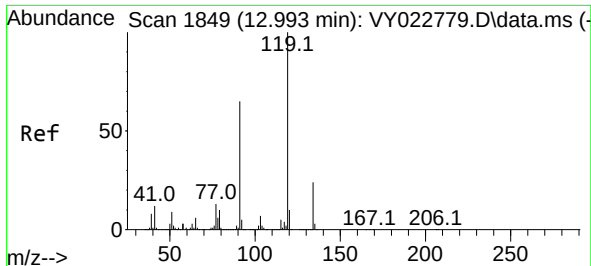
Tgt Ion: 75 Resp: 157671
Ion Ratio Lower Upper
75 100
53 91.3 79.7 119.5
89 44.7 36.8 55.2



#82
4-Chlorotoluene
Concen: 102.582 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 91 Resp: 2025702
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.7

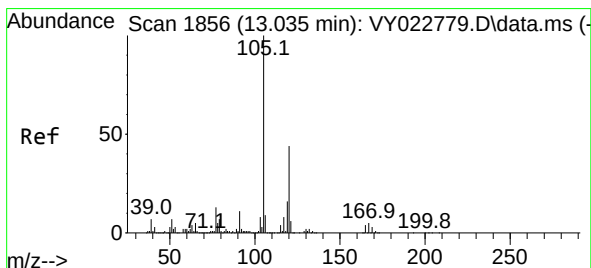
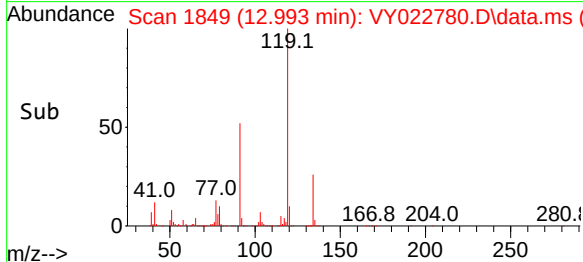
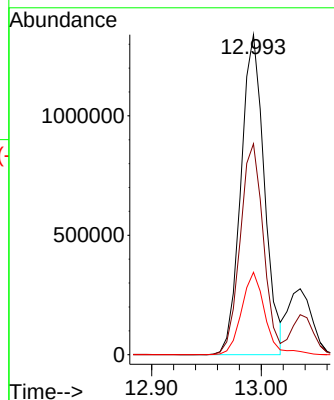
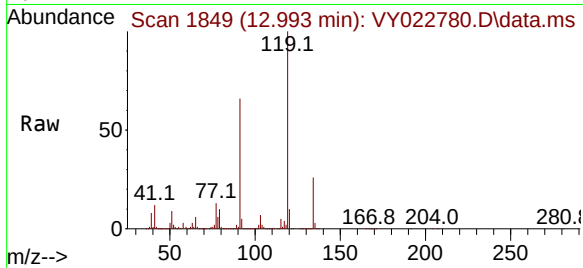




#83
tert-Butylbenzene
Concen: 101.425 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

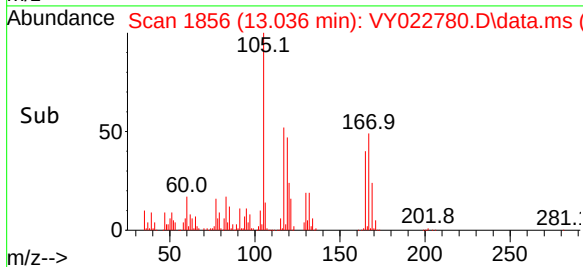
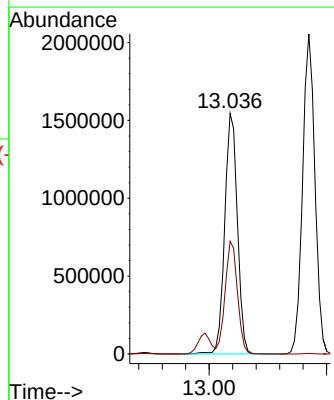
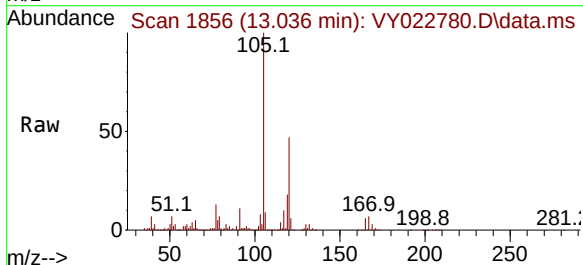
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

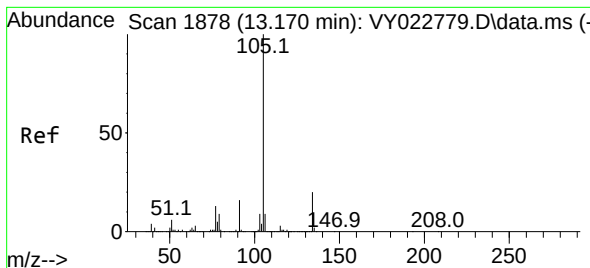
Tgt Ion:119 Resp: 1990057
Ion Ratio Lower Upper
119 100
91 65.3 32.6 98.0
134 25.8 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 103.747 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion:105 Resp: 2310931
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 101.400 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

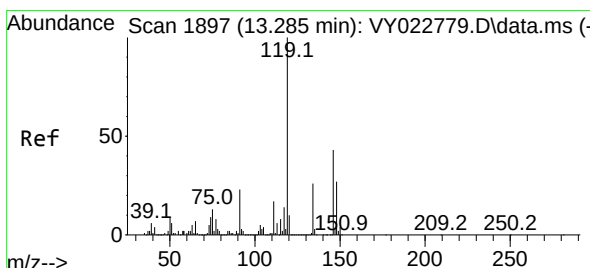
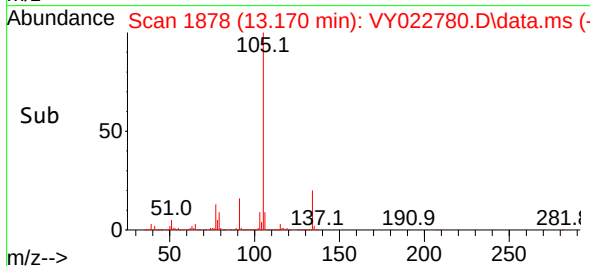
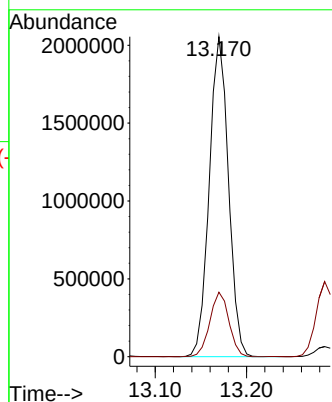
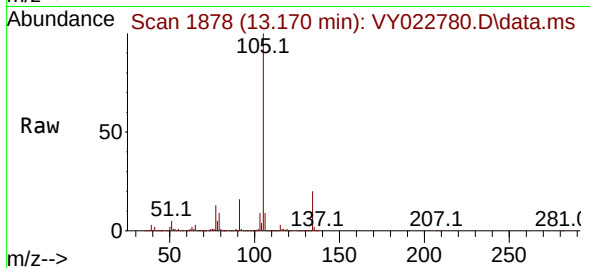
VSTDIC100

Tgt Ion:105 Resp: 2993511

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 104.416 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

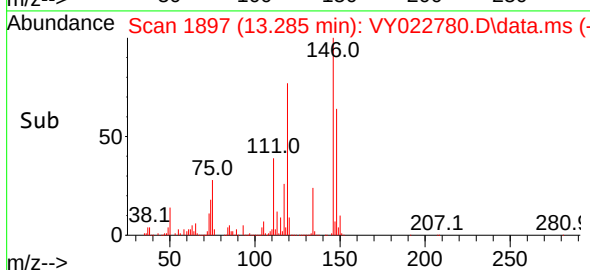
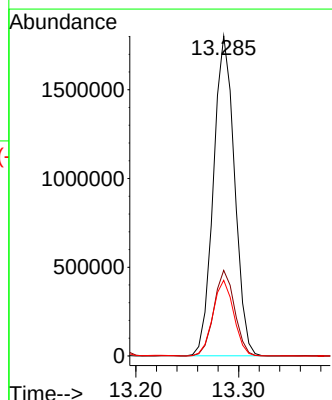
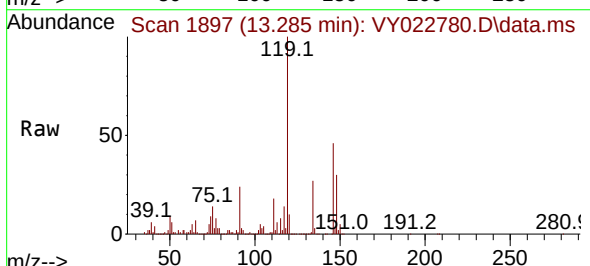
Tgt Ion:119 Resp: 2565197

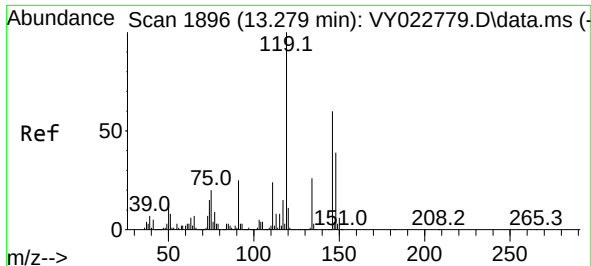
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 103.989 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

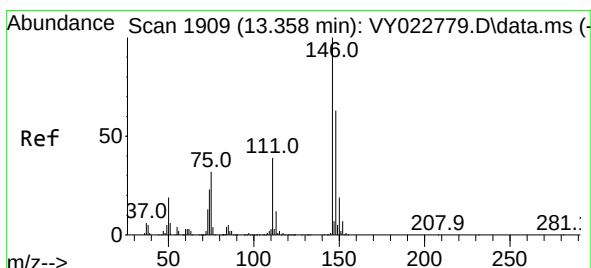
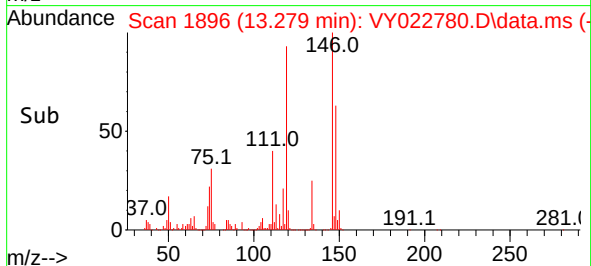
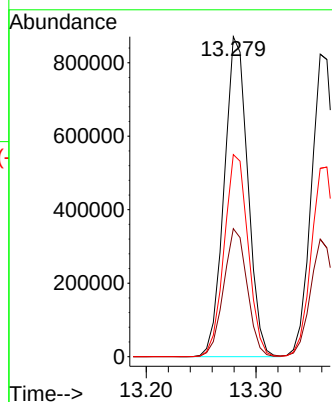
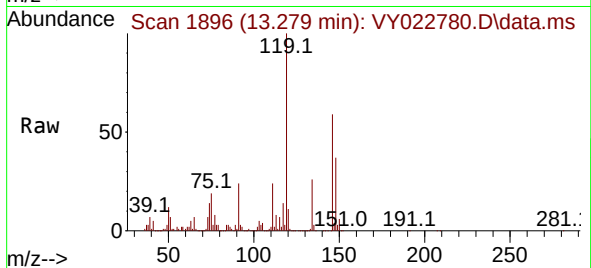
Tgt Ion:146 Resp: 1304649

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 101.046 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

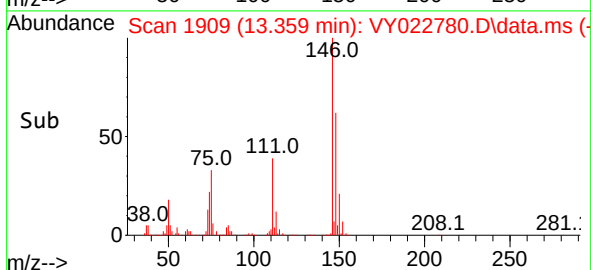
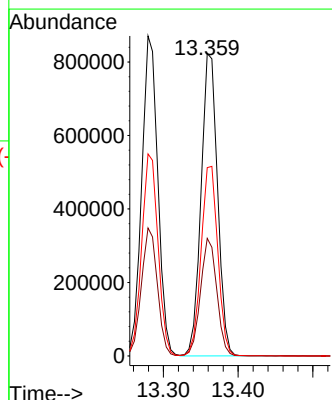
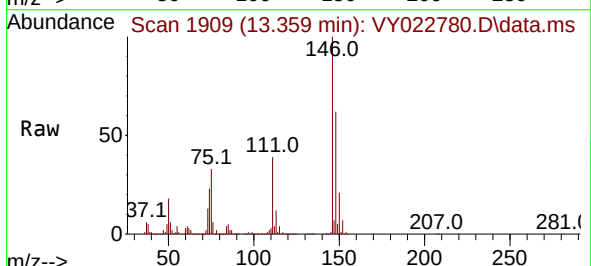
Tgt Ion:146 Resp: 1259287

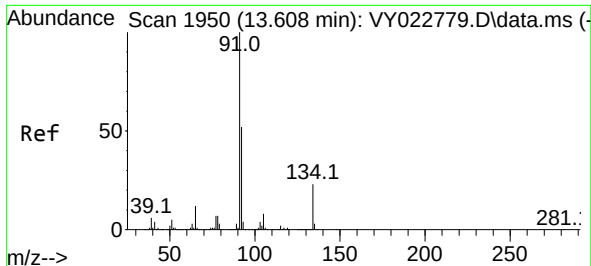
Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.9

148 63.7 31.7 95.1

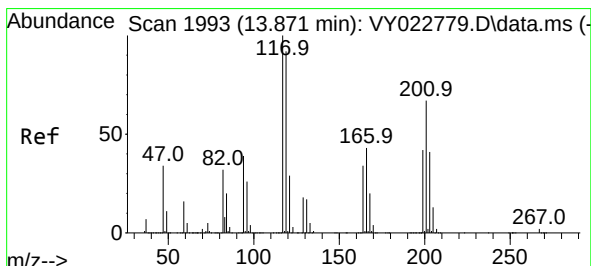
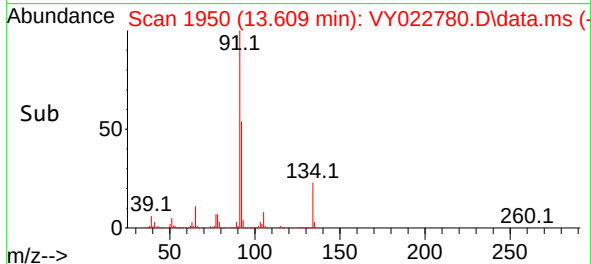
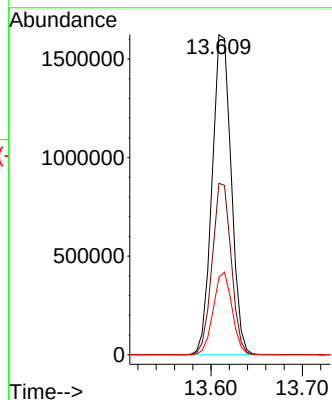
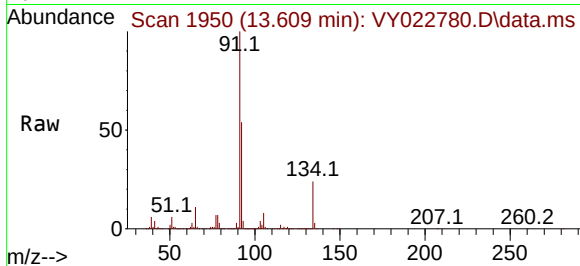




#89
n-Butylbenzene
Concen: 101.924 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

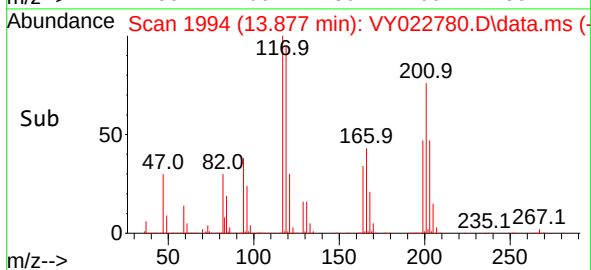
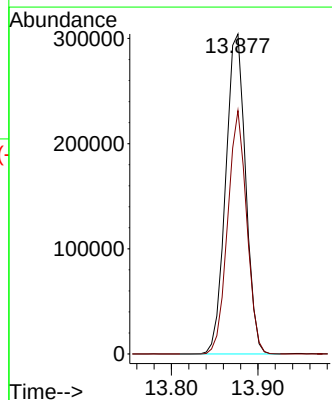
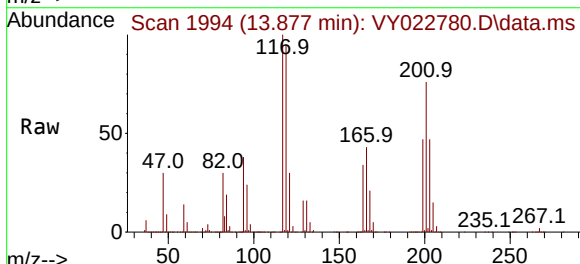
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

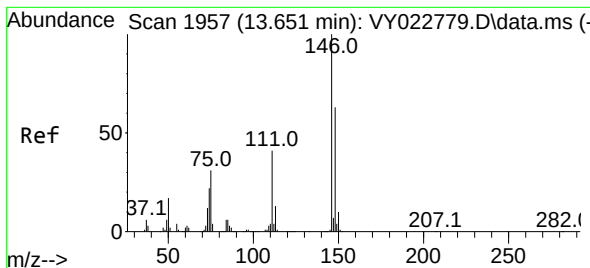
Tgt Ion: 91 Resp: 2355349
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 25.4 12.2 36.6



#90
Hexachloroethane
Concen: 99.627 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY022780.D
Acq: 23 Jun 2025 15:08

Tgt Ion: 117 Resp: 487480
Ion Ratio Lower Upper
117 100
201 72.5 35.5 106.7

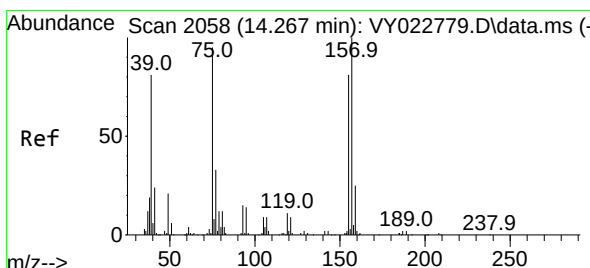
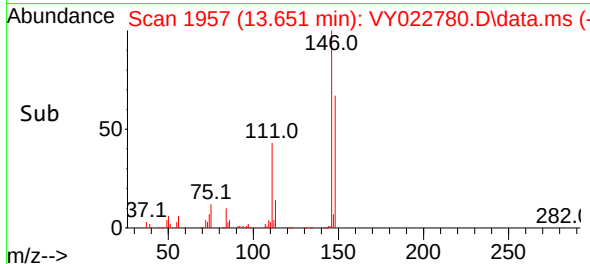
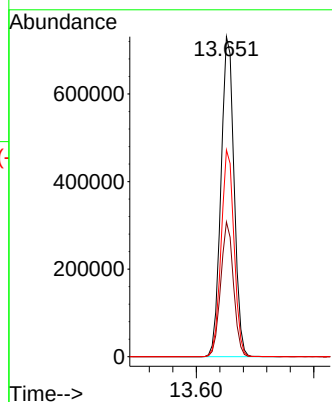
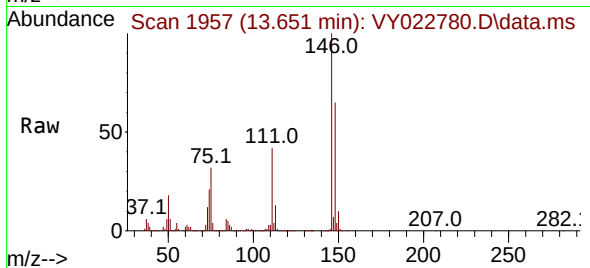




#91
 1,2-Dichlorobenzene
 Concen: 102.157 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY022780.D
 Acq: 23 Jun 2025 15:08

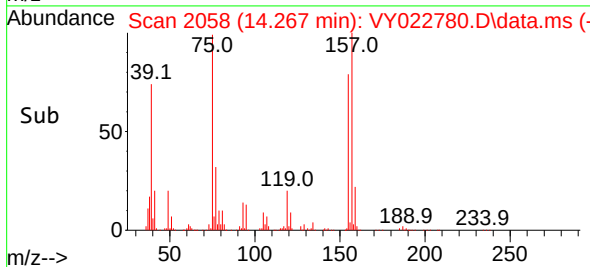
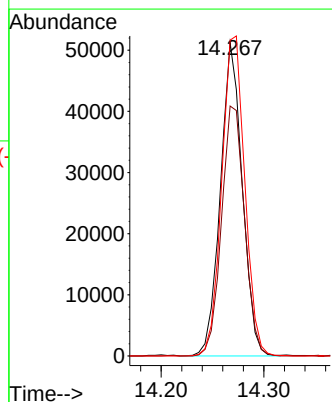
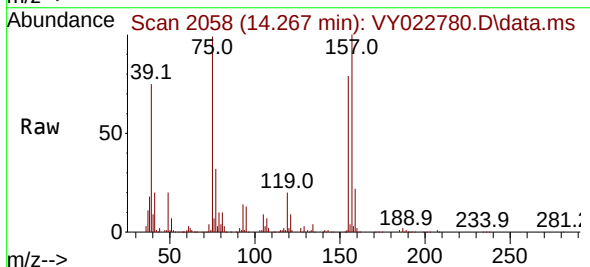
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

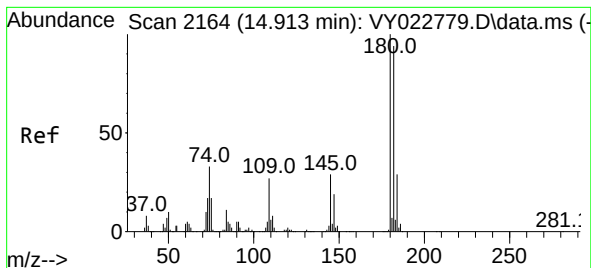
Tgt Ion:146 Resp: 1129471
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.6
 148 63.7 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.453 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY022780.D
 Acq: 23 Jun 2025 15:08

Tgt Ion: 75 Resp: 75666
 Ion Ratio Lower Upper
 75 100
 155 83.6 41.6 124.9
 157 107.4 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 103.955 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

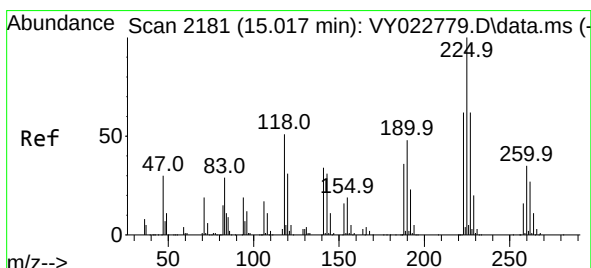
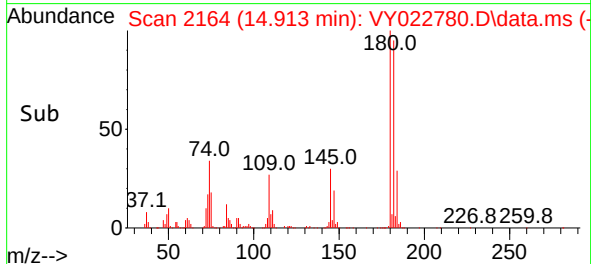
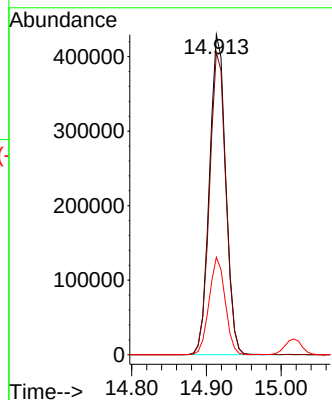
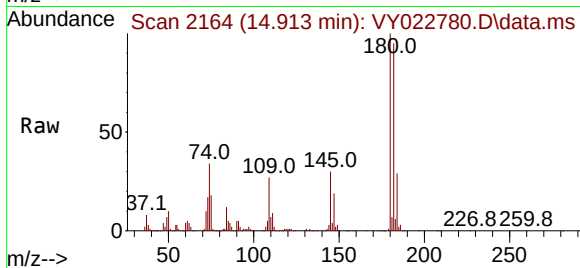
Tgt Ion:180 Resp: 648932

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.4

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 94.827 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

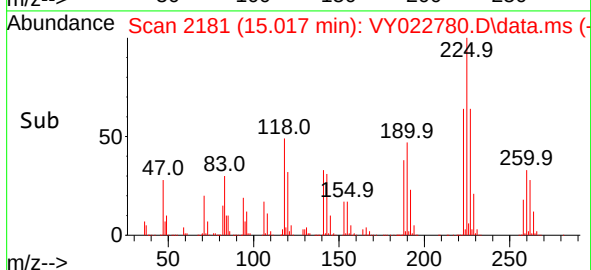
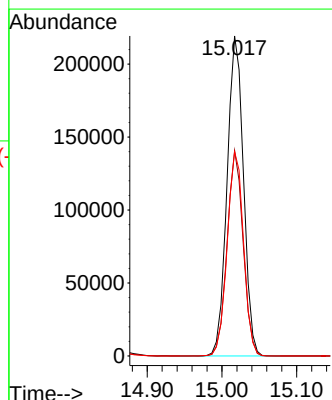
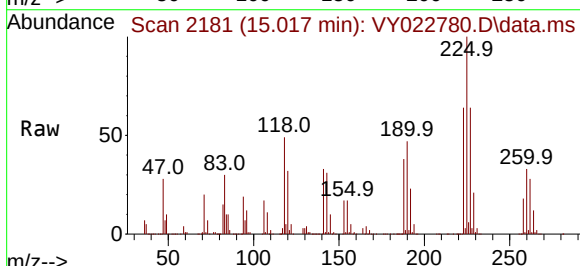
Tgt Ion:225 Resp: 334737

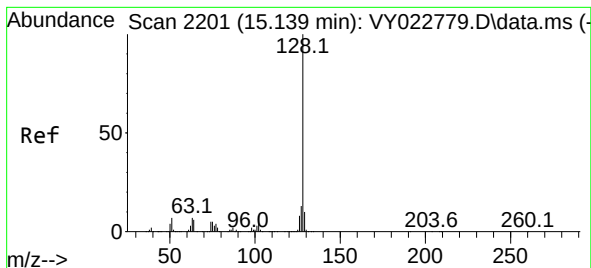
Ion Ratio Lower Upper

225 100

223 62.9 30.9 92.5

227 63.7 31.6 94.8





#95

Naphthalene

Concen: 111.955 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Instrument :

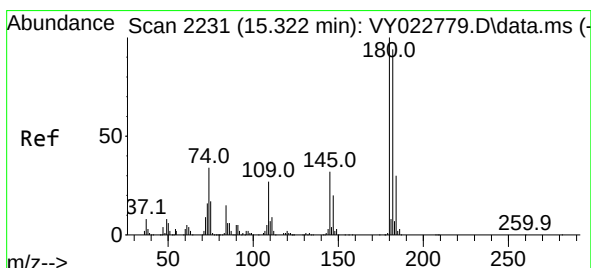
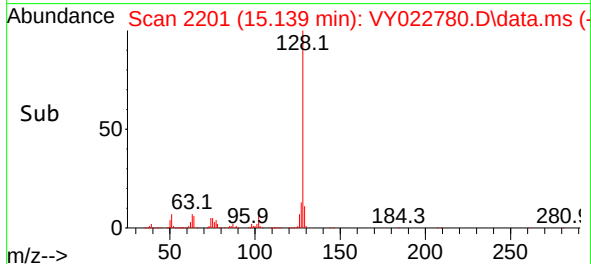
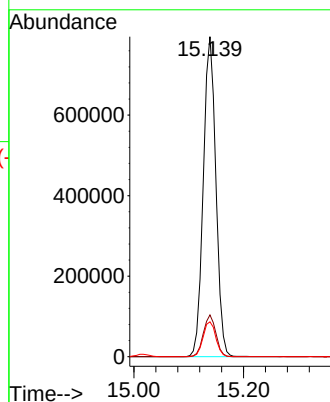
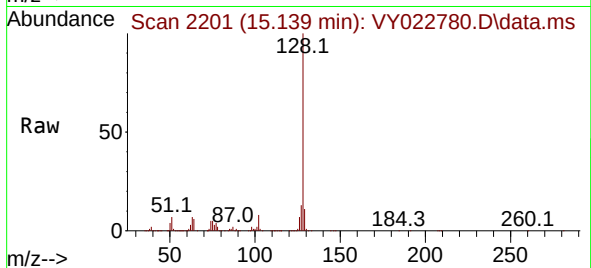
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 1263808

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 103.737 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022780.D

Acq: 23 Jun 2025 15:08

Tgt Ion:180 Resp: 559578

Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.7	140.1
145	31.5	15.8	47.4

