

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022995.D
 Acq On : 18 Jul 2025 12:49
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 19 01:34:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:28:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	507576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	818041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	713048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	341818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	759333	147.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 295.560%#	
35) Dibromofluoromethane	7.634	113	769587	148.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 296.620%#	
50) Toluene-d8	10.103	98	3030762	147.281	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 294.560%#	
62) 4-Bromofluorobenzene	12.401	95	996296	153.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 307.600%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	554056	128.556	ug/l	99
3) Chloromethane	2.068	50	1009184	137.710	ug/l	99
4) Vinyl Chloride	2.208	62	1262771	136.010	ug/l	99
5) Bromomethane	2.586	94	965846	144.140	ug/l	99
6) Chloroethane	2.732	64	863223	139.213	ug/l	96
7) Trichlorofluoromethane	3.056	101	1472609	136.637	ug/l	98
8) Diethyl Ether	3.458	74	405153	143.632	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	757731	133.835	ug/l	99
10) Methyl Iodide	4.000	142	917876	156.057	ug/l	99
11) Tert butyl alcohol	4.866	59	250970	803.224	ug/l	99
12) 1,1-Dichloroethene	3.787	96	755004	139.985	ug/l	98
13) Acrolein	3.653	56	64898	460.788	ug/l	95
14) Allyl chloride	4.385	41	1226641	149.283	ug/l	99
15) Acrylonitrile	5.055	53	849674	795.253	ug/l	99
16) Acetone	3.872	43	612358	657.446	ug/l	100
17) Carbon Disulfide	4.104	76	2245565	137.375	ug/l	99
18) Methyl Acetate	4.385	43	554000	175.686	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	2069795	159.995	ug/l	100
20) Methylene Chloride	4.616	84	875539	150.366	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	874496	145.658	ug/l	99
22) Diisopropyl ether	6.018	45	2698023	154.774	ug/l	99
23) Vinyl Acetate	5.957	43	7048997	802.533	ug/l	100
24) 1,1-Dichloroethane	5.915	63	1599724	146.106	ug/l	99
25) 2-Butanone	6.896	43	1064091	796.353	ug/l	100
26) 2,2-Dichloropropane	6.884	77	1381568	143.975	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	1045626	151.118	ug/l	100
28) Bromochloromethane	7.244	49	628281	147.946	ug/l	99
29) Tetrahydrofuran	7.262	42	706173	834.735	ug/l	98
30) Chloroform	7.421	83	1598800	144.750	ug/l	99
31) Cyclohexane	7.701	56	1397744	136.623	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	1442504	143.937	ug/l	99
36) 1,1-Dichloropropene	7.835	75	1177815	144.097	ug/l	99
37) Ethyl Acetate	6.982	43	463547	152.699	ug/l	99
38) Carbon Tetrachloride	7.817	117	1277517	143.863	ug/l	99
39) Methylcyclohexane	9.109	83	1558807	147.341	ug/l	99
40) Benzene	8.079	78	3629855	147.493	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	262546	163.855	ug/l	98
42) 1,2-Dichloroethane	8.158	62	921582	150.515	ug/l	99
43) Isopropyl Acetate	8.195	43	995083	165.022	ug/l #	87
44) Trichloroethene	8.865	130	899565	142.310	ug/l	99
45) 1,2-Dichloropropane	9.140	63	849889	147.880	ug/l	99
46) Dibromomethane	9.231	93	457164	153.894	ug/l	99
47) Bromodichloromethane	9.420	83	1229904	149.779	ug/l	100
48) Methyl methacrylate	9.219	41	497091	170.750	ug/l	99
49) 1,4-Dioxane	9.225	88	105601	3372.404	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	2619935	856.011	ug/l	98
52) Toluene	10.170	92	2355369	153.936	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	1145266	162.478	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	1347461	158.600	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	609925	156.212	ug/l	98
56) Ethyl methacrylate	10.438	69	862573	176.974	ug/l	98
57) 1,3-Dichloropropane	10.713	76	1054881	156.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	2122696	889.686	ug/l	100
59) 2-Hexanone	10.755	43	1763492	876.571	ug/l	97
60) Dibromochloromethane	10.908	129	812760	158.968	ug/l	100
61) 1,2-Dibromoethane	11.011	107	563050	158.800	ug/l	99
64) Tetrachloroethene	10.646	164	900940	123.614	ug/l	98
65) Chlorobenzene	11.438	112	2486956	147.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	869061	151.433	ug/l	100
67) Ethyl Benzene	11.517	91	4532458	151.974	ug/l	97
68) m/p-Xylenes	11.627	106	3508814	306.732	ug/l	97
69) o-Xylene	11.950	106	1670304	157.335	ug/l	98
70) Styrene	11.969	104	2815907	161.930	ug/l	99
71) Bromoform	12.127	173	482482	165.606	ug/l #	99
73) Isopropylbenzene	12.249	105	4313254	148.835	ug/l	99
74) N-amyl acetate	12.066	43	927122	169.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	687614	163.959	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	923324	214.628	ug/l #	100
77) Bromobenzene	12.529	156	955644	152.042	ug/l	99
78) n-propylbenzene	12.590	91	5048339	146.282	ug/l	98
79) 2-Chlorotoluene	12.676	91	2867994	147.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	3422881	149.755	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	231166	161.650	ug/l	96
82) 4-Chlorotoluene	12.773	91	2923682	149.351	ug/l	100
83) tert-Butylbenzene	12.993	119	3090226	149.676	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	3425217	152.237	ug/l	99
85) sec-Butylbenzene	13.170	105	4523782	146.212	ug/l	99
86) p-Isopropyltoluene	13.285	119	3849059	153.178	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	1918495	151.247	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	1805316	147.117	ug/l	100
89) n-Butylbenzene	13.615	91	3463857	149.387	ug/l	99
90) Hexachloroethane	13.877	117	755795	145.277	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	1610657	150.536	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	100462	161.332	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	886472	157.179	ug/l	100
94) Hexachlorobutadiene	15.017	225	482621	135.733	ug/l	99
95) Naphthalene	15.139	128	1635113	180.758	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	738766	158.643	ug/l	99

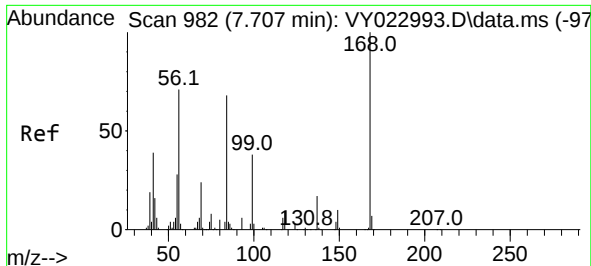
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Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:28:30 2025
Response via : Initial Calibration

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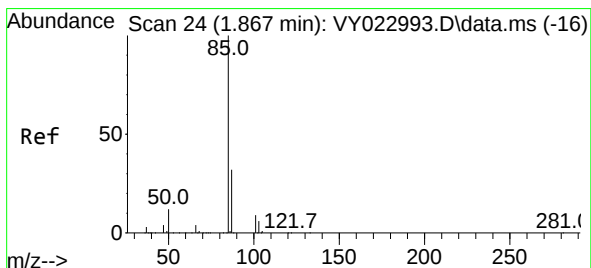
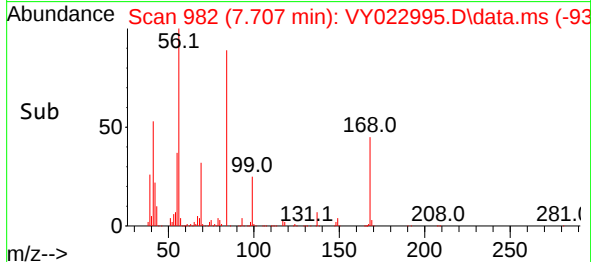
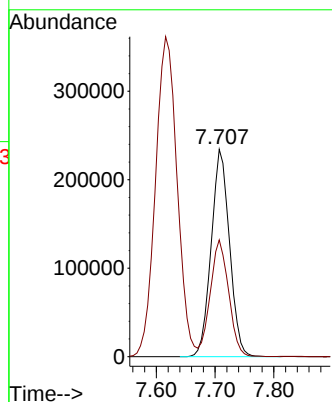
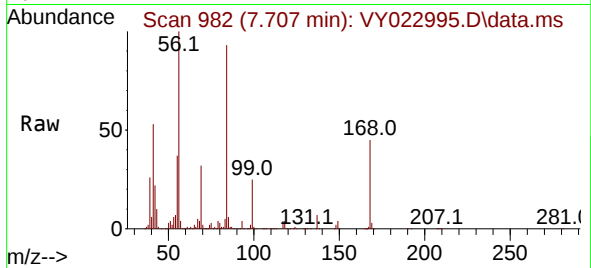
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

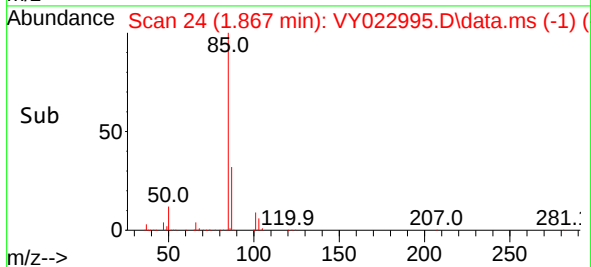
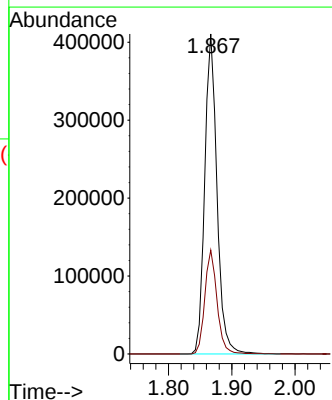
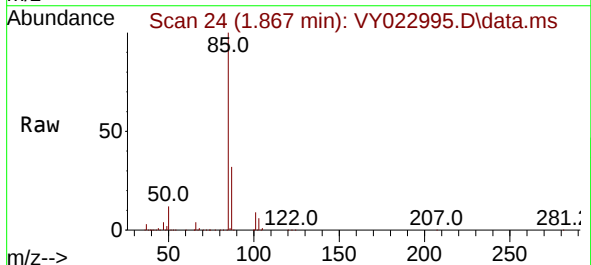
Instrument :
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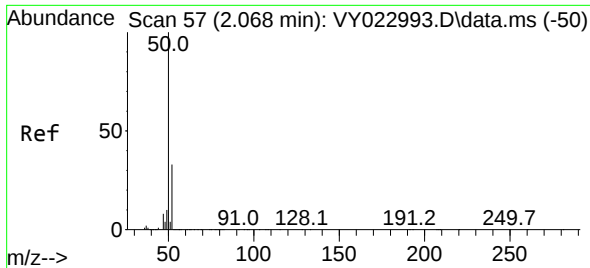
Tgt Ion:168 Resp: 507576
Ion Ratio Lower Upper
168 100
99 56.2 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 128.556 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 85 Resp: 554056
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9

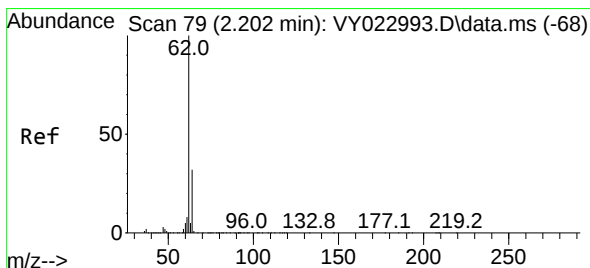
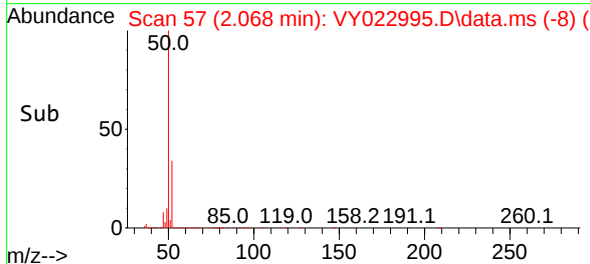
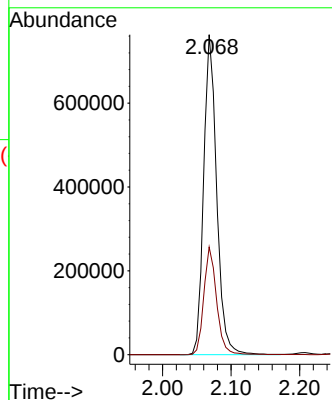
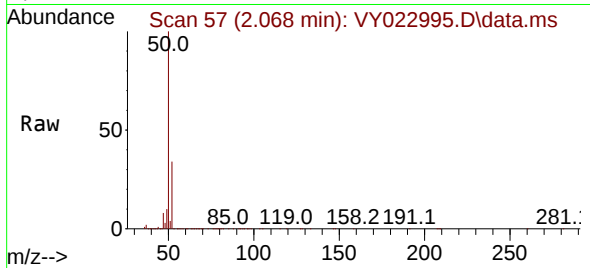




#3
Chloromethane
Concen: 137.710 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

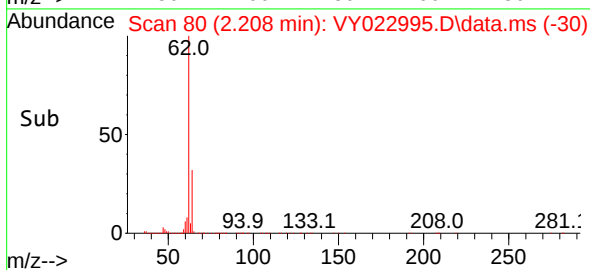
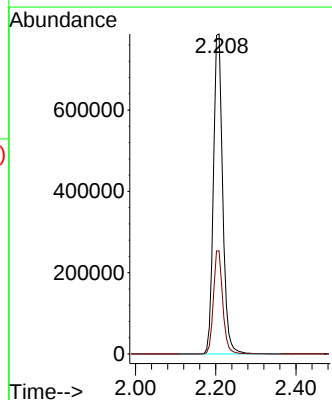
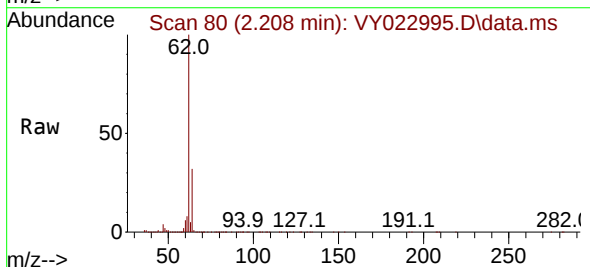
Instrument :
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ClientSampleId :
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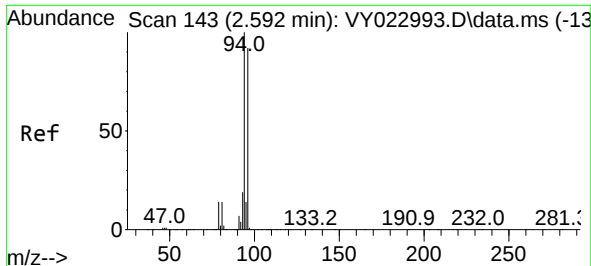
Tgt Ion: 50 Resp: 1009184
Ion Ratio Lower Upper
50 100
52 33.6 26.6 39.8



#4
Vinyl Chloride
Concen: 136.010 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 62 Resp: 1262771
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8

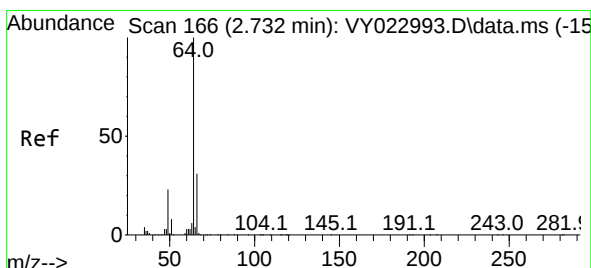
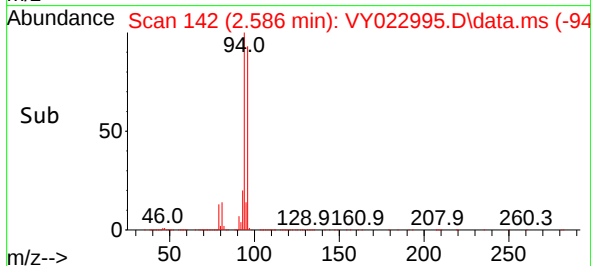
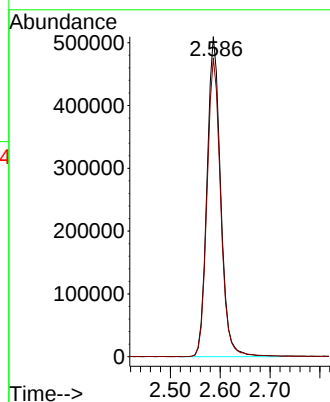
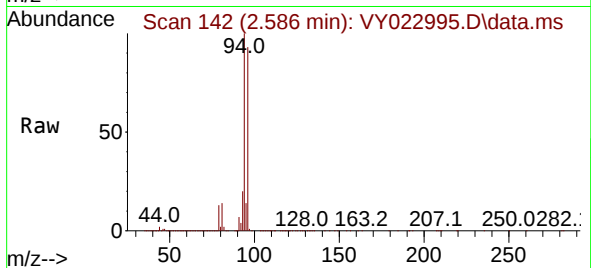




#5
Bromomethane
Concen: 144.140 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

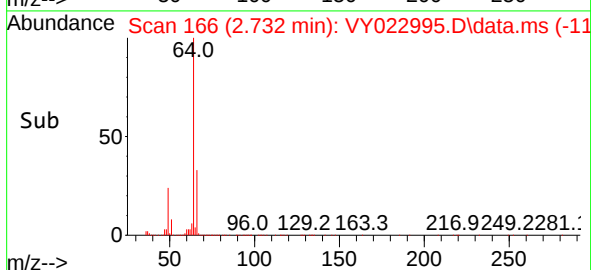
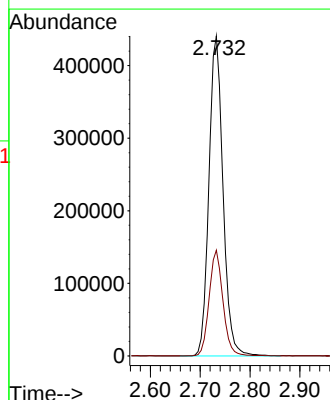
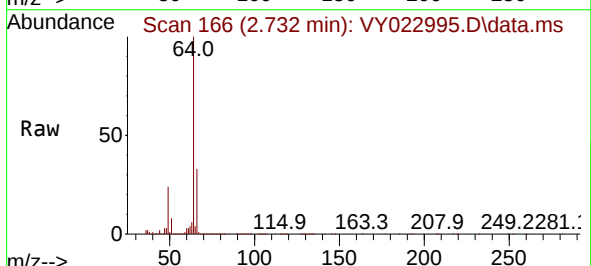
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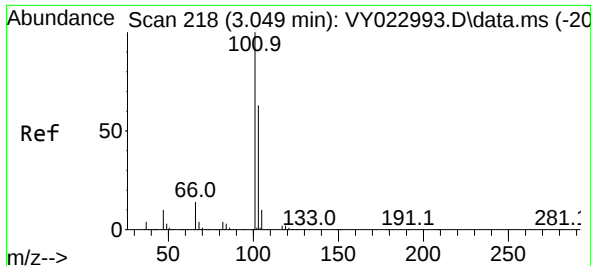
Tgt Ion: 94 Resp: 965846
Ion Ratio Lower Upper
94 100
96 93.4 73.9 110.9



#6
Chloroethane
Concen: 139.213 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 64 Resp: 863223
Ion Ratio Lower Upper
64 100
66 33.0 24.9 37.3

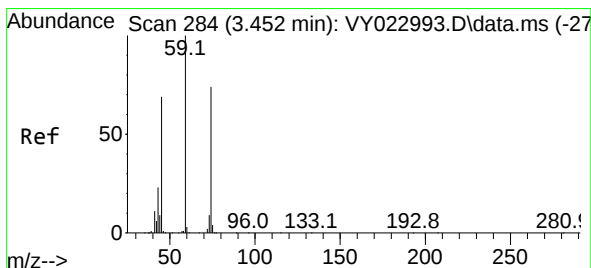
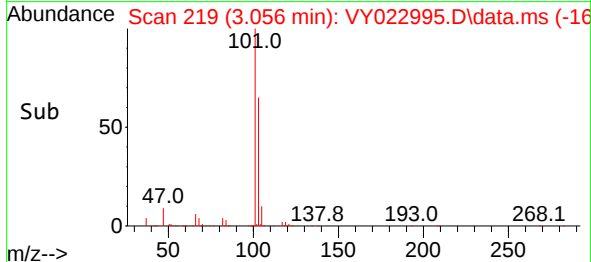
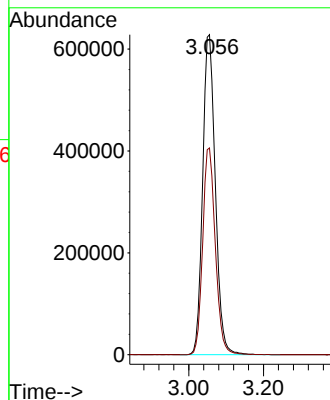
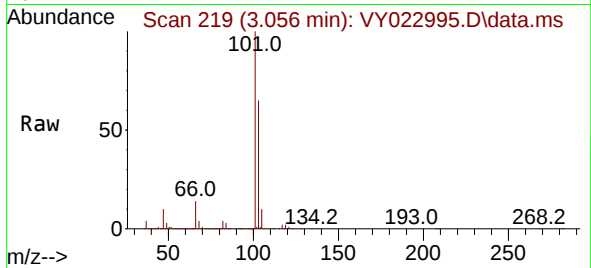




#7
Trichlorofluoromethane
Concen: 136.637 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

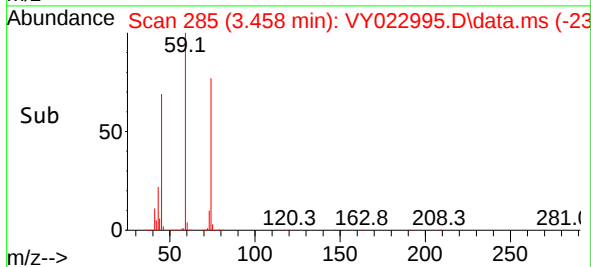
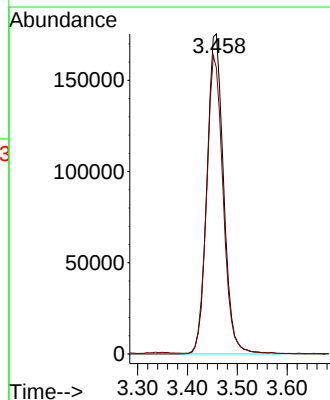
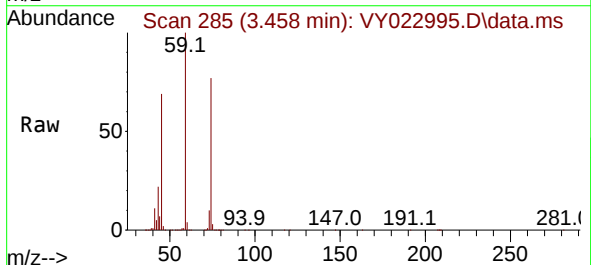
Instrument :
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ClientSampleId :
VSTDIC150

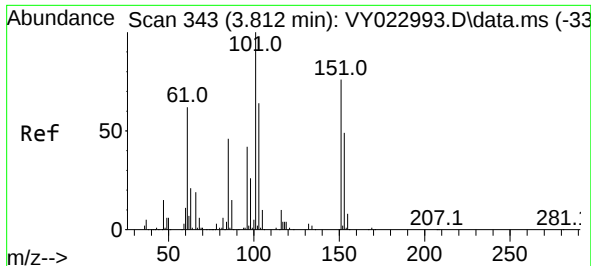
Tgt Ion:101 Resp: 1472609
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1



#8
Diethyl Ether
Concen: 143.632 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 74 Resp: 405153
Ion Ratio Lower Upper
74 100
45 92.8 45.1 135.2

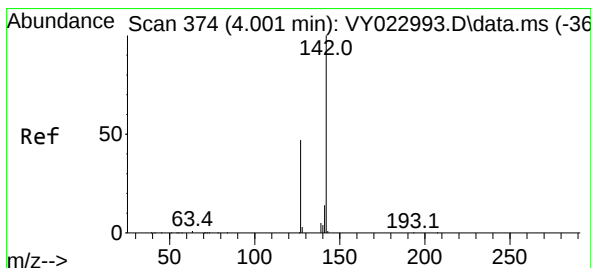
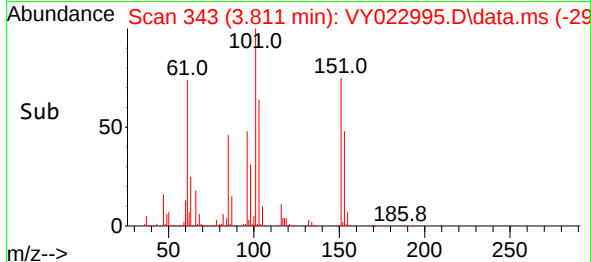
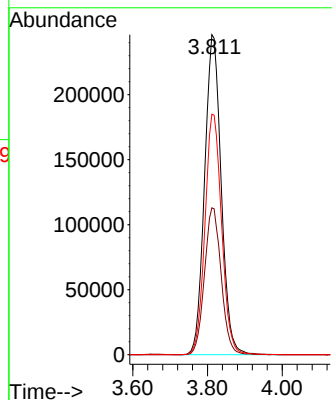
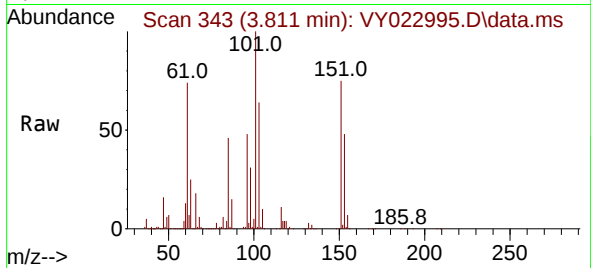




#9
1,1,2-Trichlorotrifluoroethane
Concen: 133.835 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022995.D
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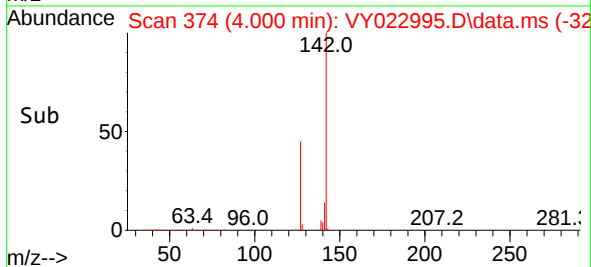
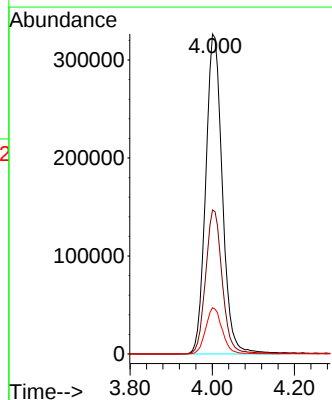
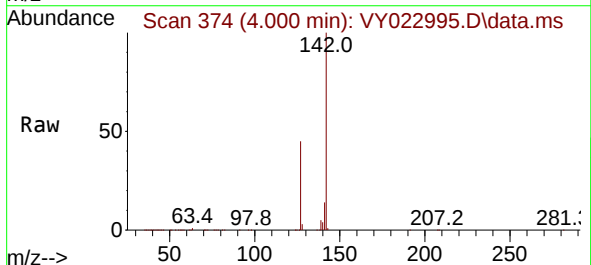
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

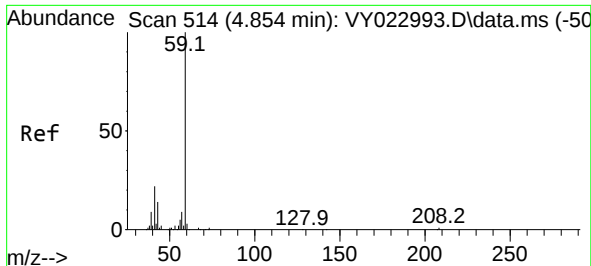
Tgt Ion:101 Resp: 757731
Ion Ratio Lower Upper
101 100
85 46.1 37.2 55.8
151 75.5 59.7 89.5



#10
Methyl Iodide
Concen: 156.057 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion:142 Resp: 917876
Ion Ratio Lower Upper
142 100
127 45.1 37.0 55.6
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 803.224 ug/l

RT: 4.866 min Scan# 514

Delta R.T. 0.012 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

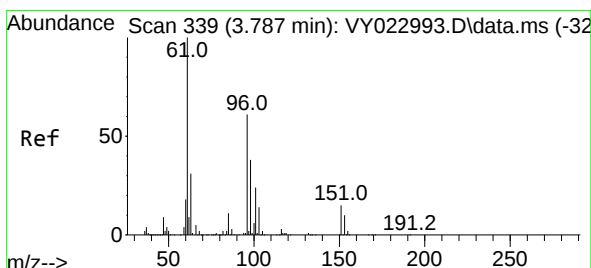
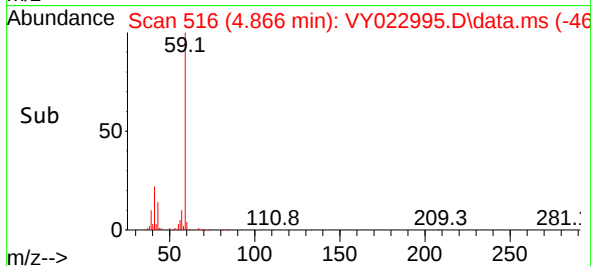
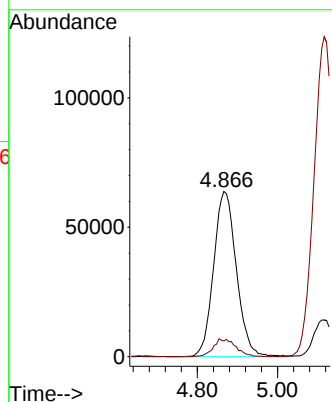
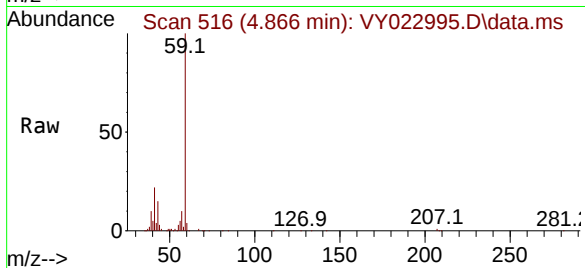
VSTDIC150

Tgt Ion: 59 Resp: 250970

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.2



#12

1,1-Dichloroethene

Concen: 139.985 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

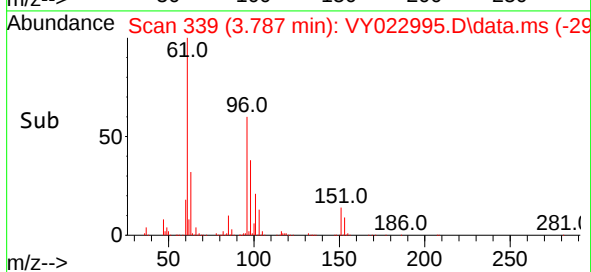
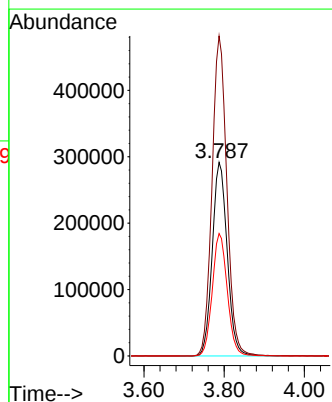
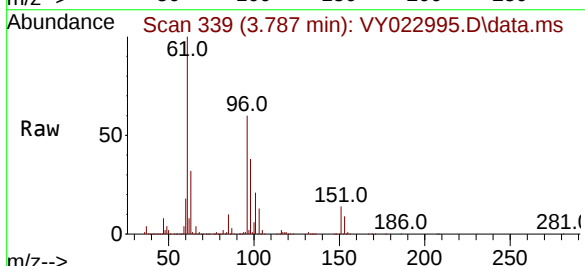
Tgt Ion: 96 Resp: 755004

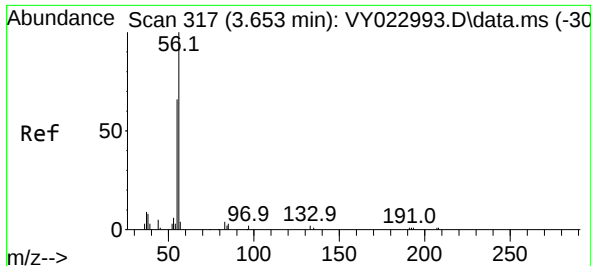
Ion Ratio Lower Upper

96 100

61 165.3 130.4 195.6

98 63.2 49.6 74.4

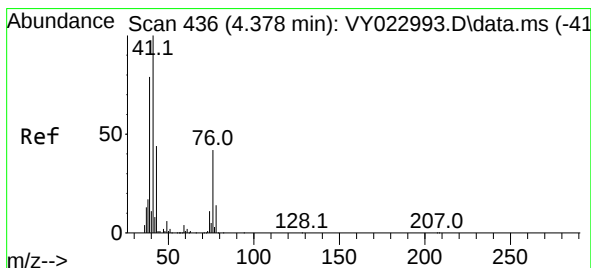
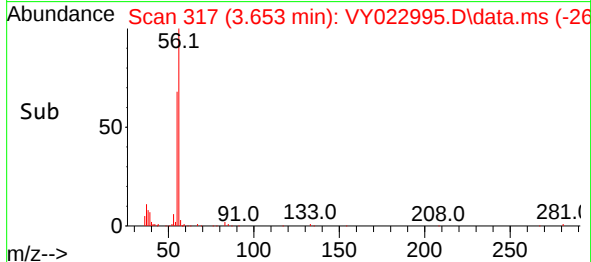
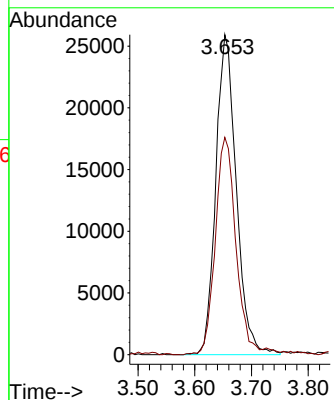
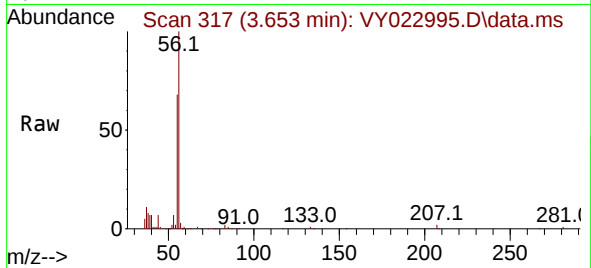




#13
Acrolein
Concen: 460.788 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

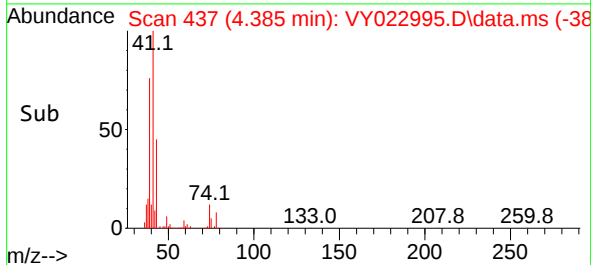
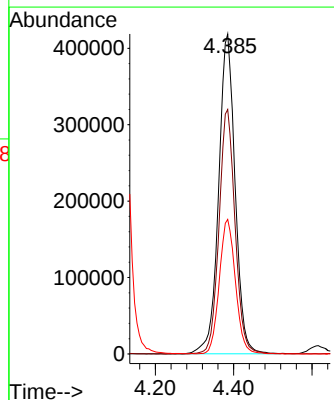
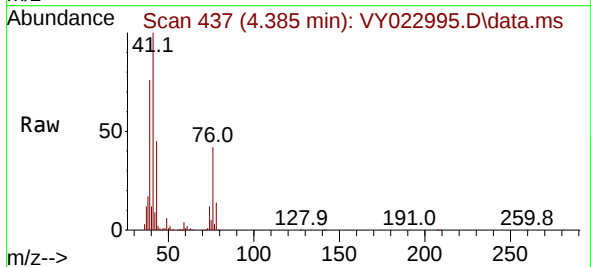
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

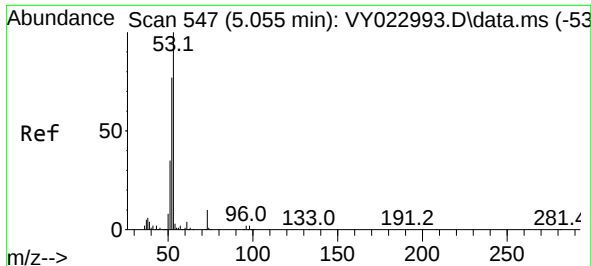
Tgt Ion: 56 Resp: 64898
Ion Ratio Lower Upper
56 100
55 68.0 57.8 86.6



#14
Allyl chloride
Concen: 149.283 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 41 Resp: 1226641
Ion Ratio Lower Upper
41 100
39 74.5 60.1 90.1
76 41.1 32.2 48.4

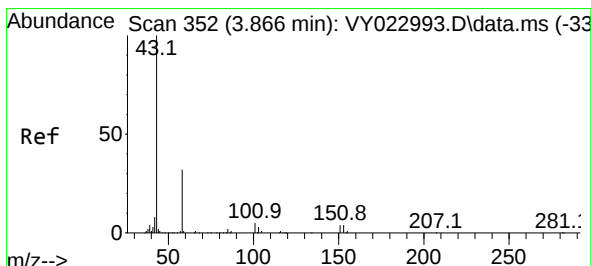
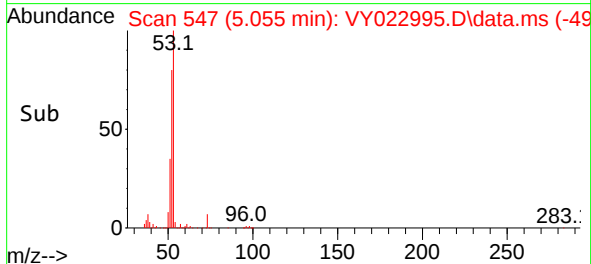
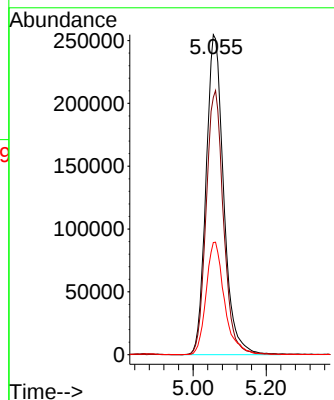
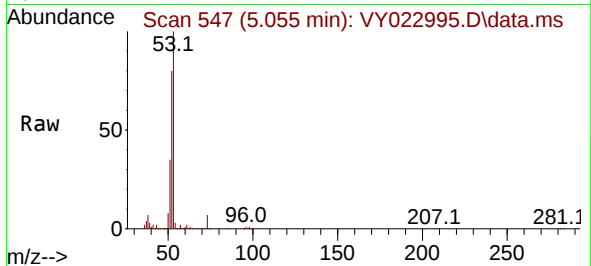




#15
Acrylonitrile
Concen: 795.253 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

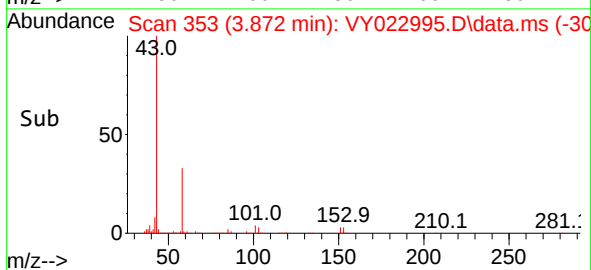
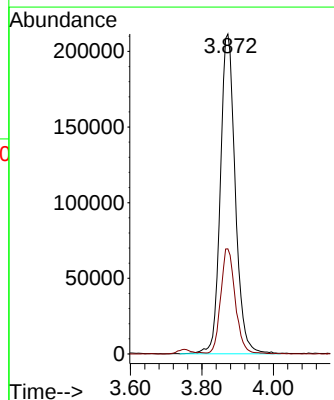
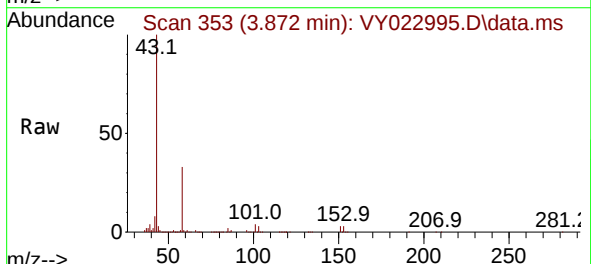
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

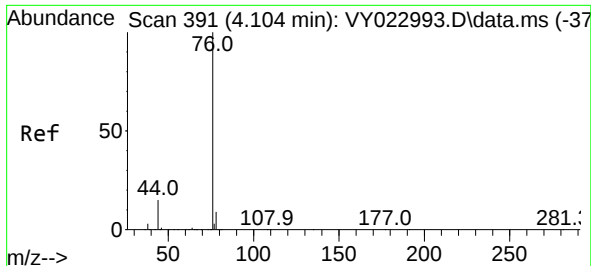
Tgt Ion: 53 Resp: 849674
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 36.8 30.3 45.5



#16
Acetone
Concen: 657.446 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 43 Resp: 612358
Ion Ratio Lower Upper
43 100
58 32.8 26.2 39.4

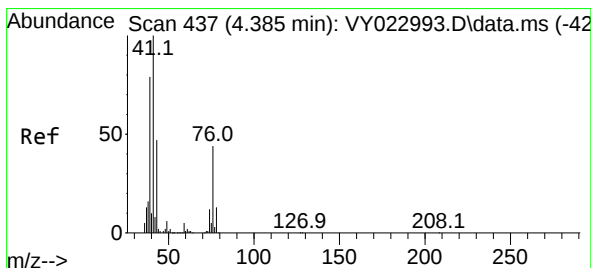
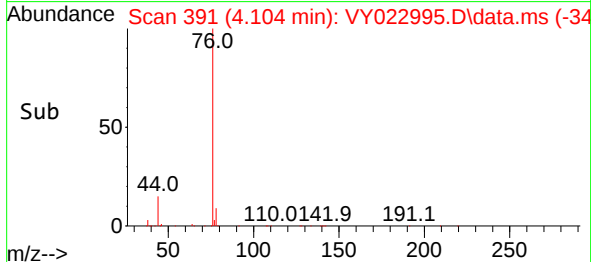
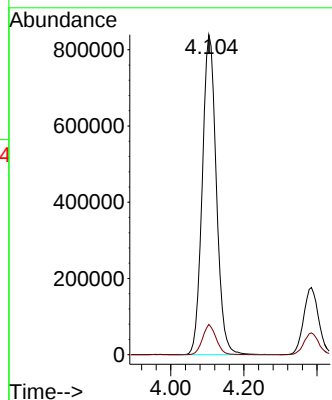
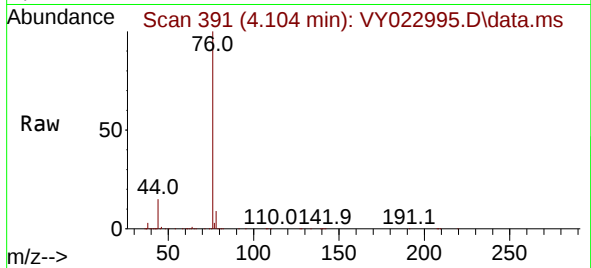




#17
Carbon Disulfide
Concen: 137.375 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

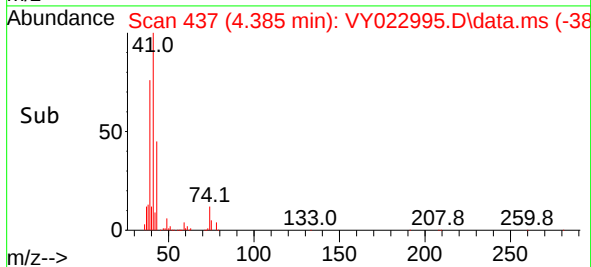
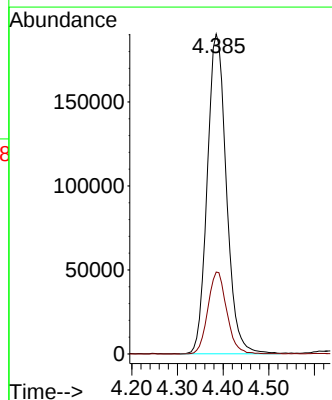
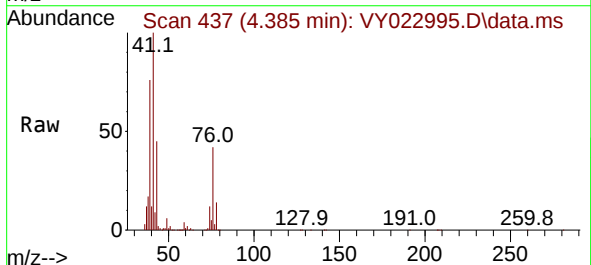
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

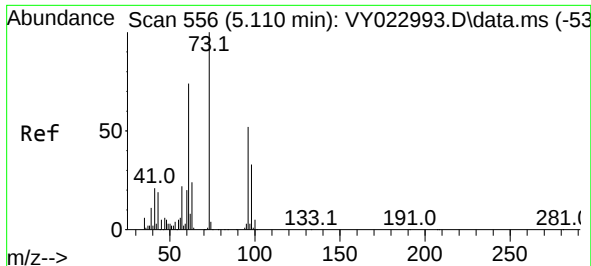
Tgt Ion: 76 Resp: 2245565
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 175.686 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 43 Resp: 554000
Ion Ratio Lower Upper
43 100
74 25.3 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 159.995 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

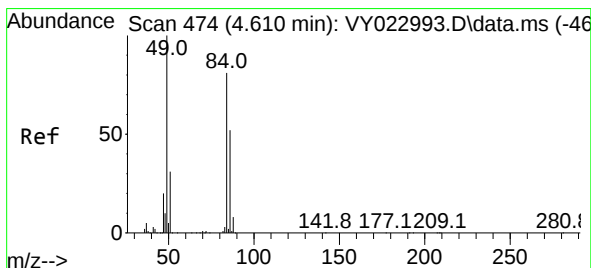
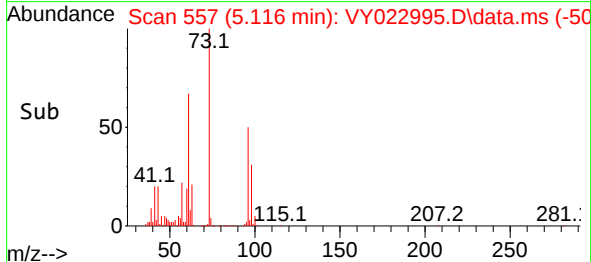
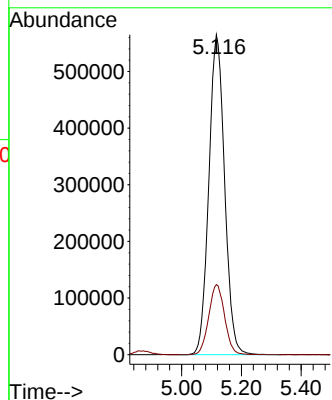
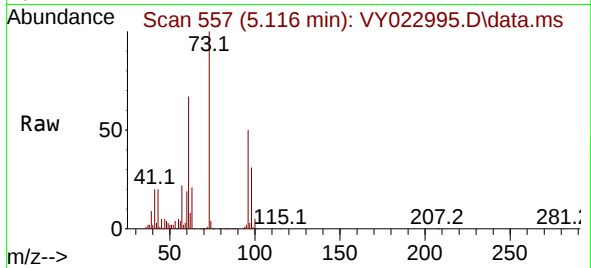
VSTDICC150

Tgt Ion: 73 Resp: 2069795

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.2



#20

Methylene Chloride

Concen: 150.366 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Tgt Ion: 84 Resp: 875539

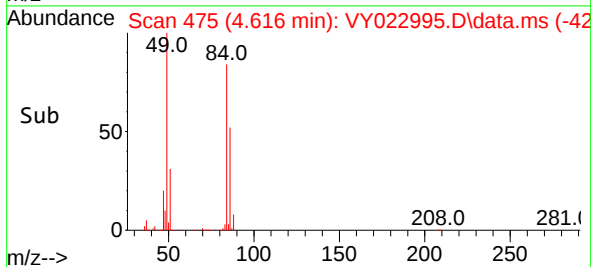
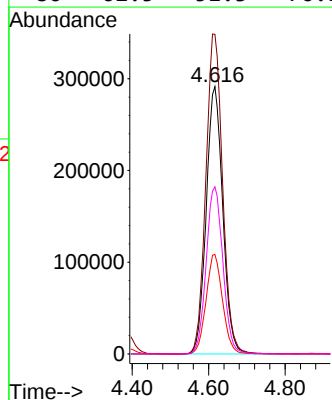
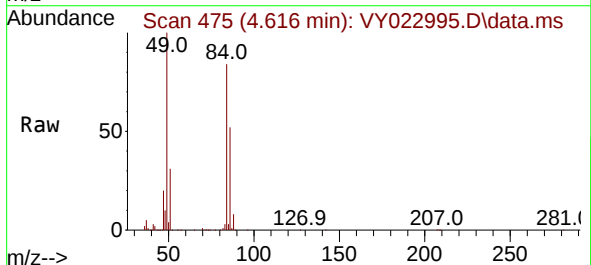
Ion Ratio Lower Upper

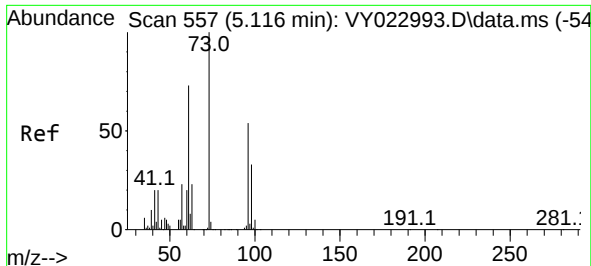
84 100

49 119.5 98.2 147.4

51 37.2 30.5 45.7

86 62.5 51.3 76.9

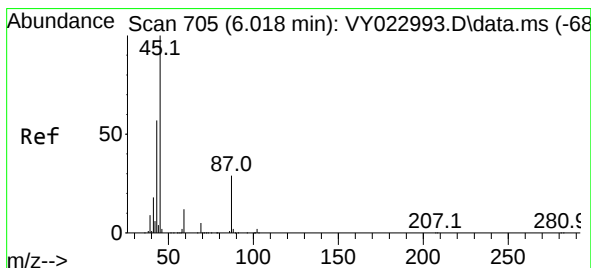
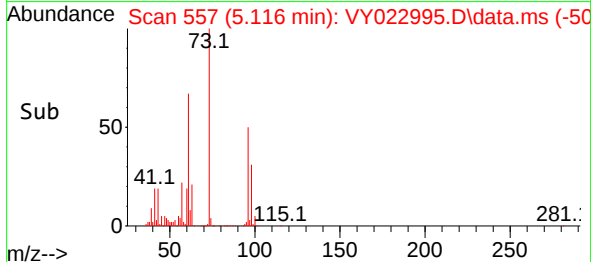
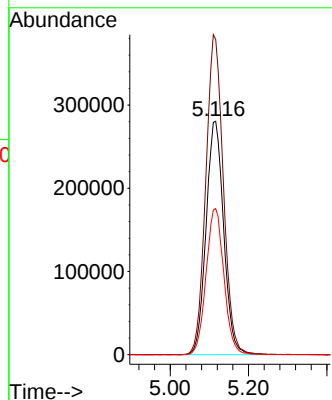
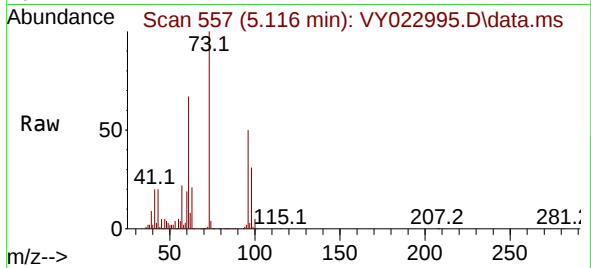




#21
trans-1,2-Dichloroethene
Concen: 145.658 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

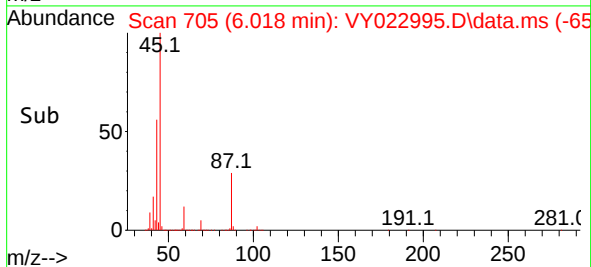
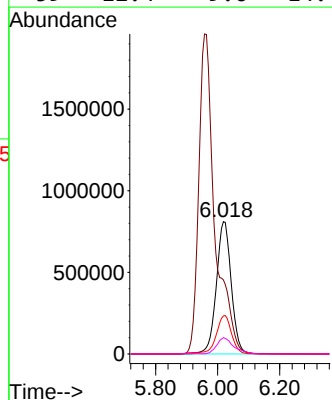
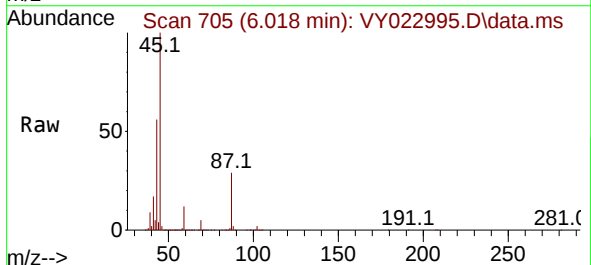
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 874496
Ion Ratio Lower Upper
96 100
61 135.0 107.4 161.2
98 62.6 49.3 73.9



#22
Diisopropyl ether
Concen: 154.774 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 45 Resp: 2698023
Ion Ratio Lower Upper
45 100
43 55.9 45.3 67.9
87 28.8 23.3 34.9
59 12.4 9.6 14.4

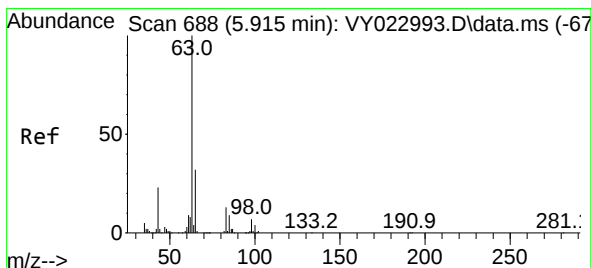
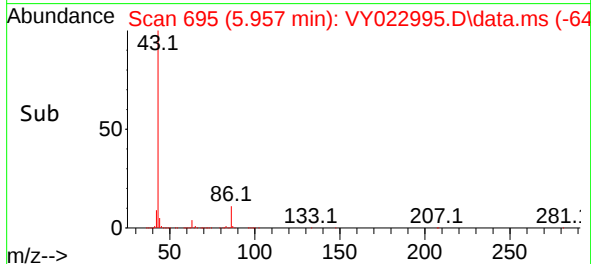
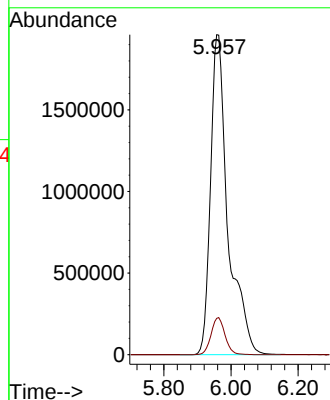
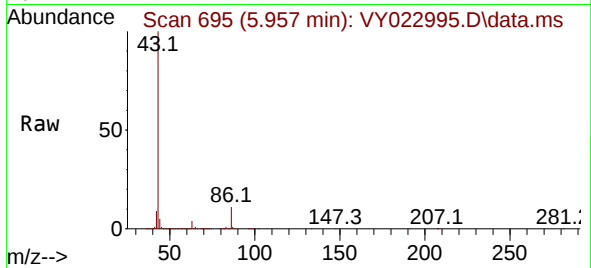




#23
 Vinyl Acetate
 Concen: 802.533 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

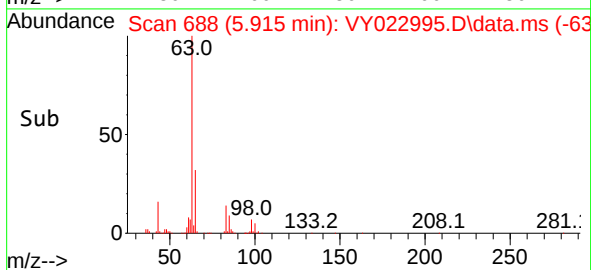
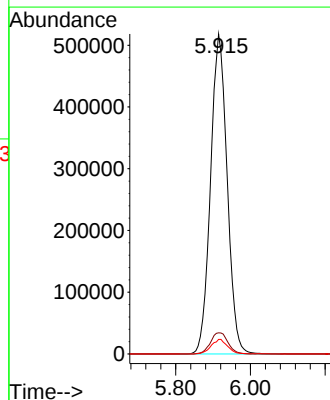
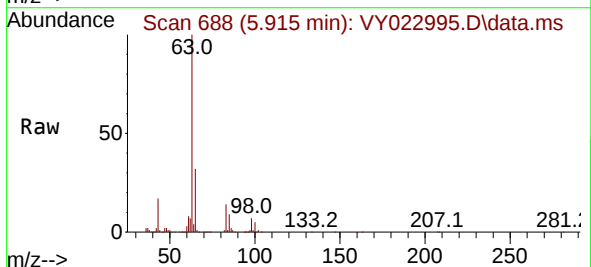
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

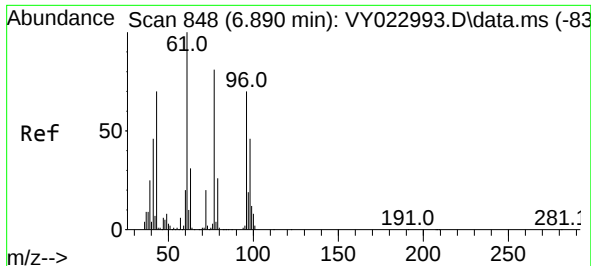
Tgt Ion: 43 Resp: 7048997
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 146.106 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

Tgt Ion: 63 Resp: 1599724
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.6 2.1 6.2

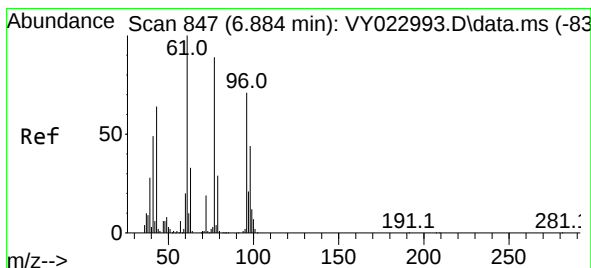
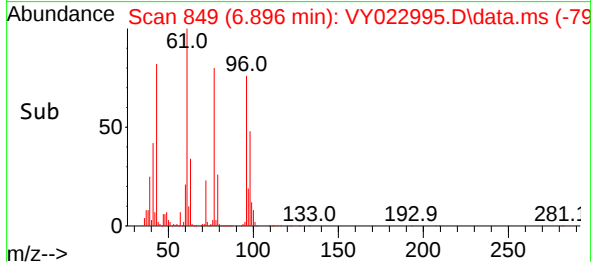
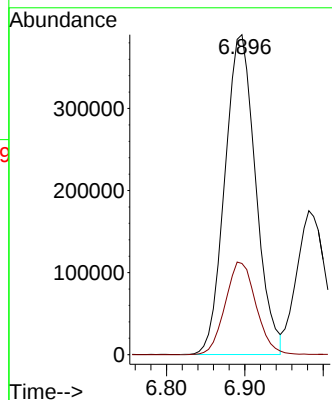
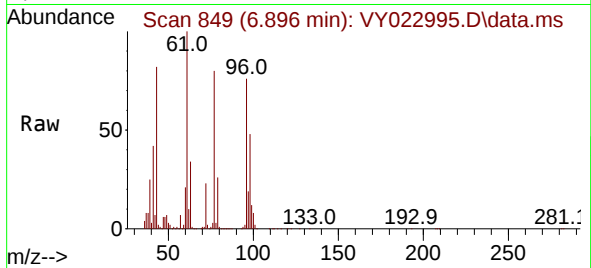




#25
2-Butanone
Concen: 796.353 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

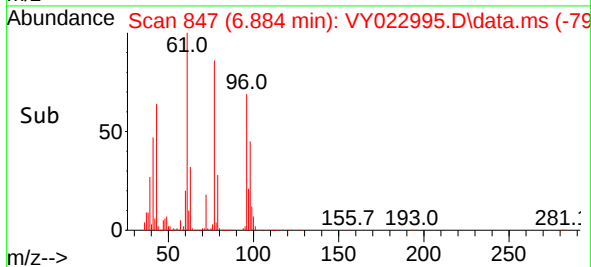
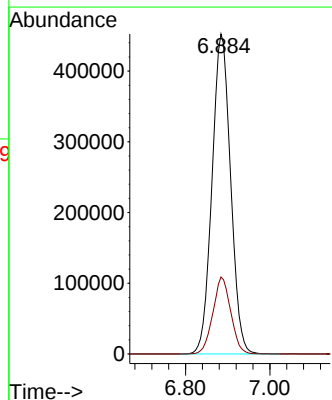
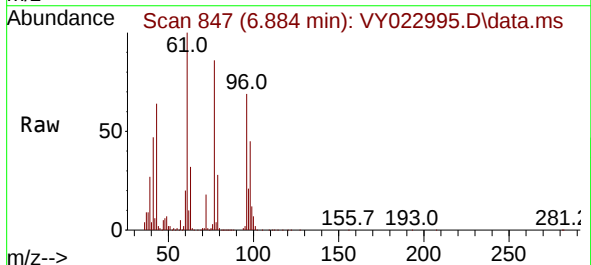
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

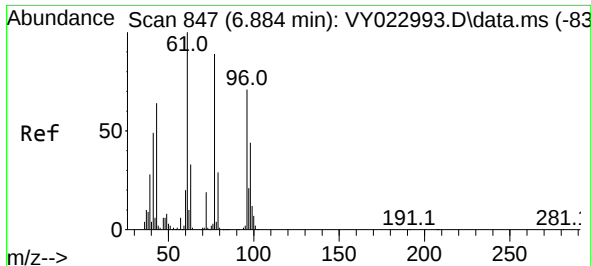
Tgt Ion: 43 Resp: 1064091
Ion Ratio Lower Upper
43 100
72 28.5 22.9 34.3



#26
2,2-Dichloropropane
Concen: 143.975 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 77 Resp: 1381568
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 151.118 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

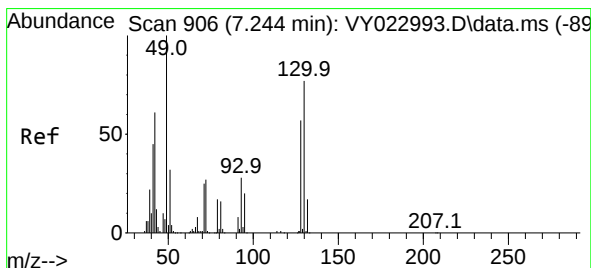
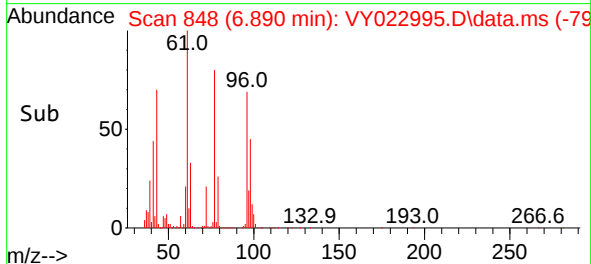
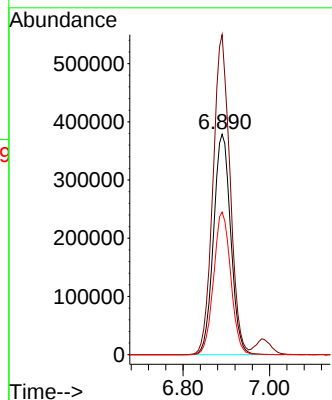
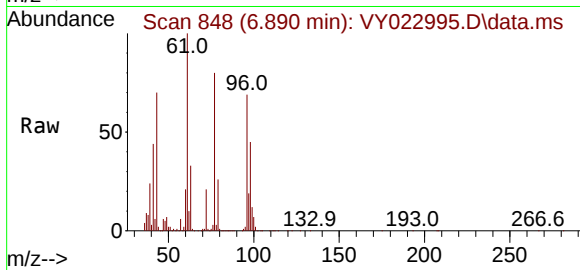
Tgt Ion: 96 Resp: 1045626

Ion Ratio Lower Upper

96 100

61 143.3 0.0 286.2

98 64.4 0.0 127.4



#28

Bromochloromethane

Concen: 147.946 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

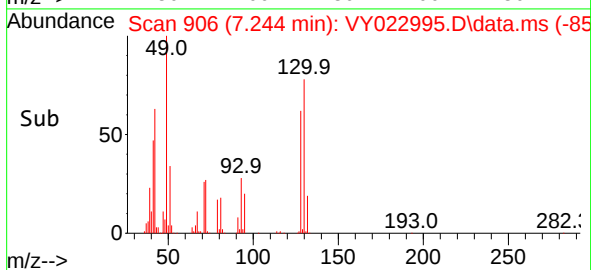
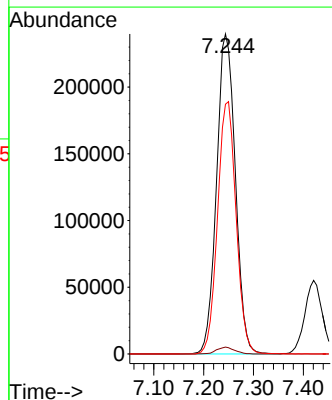
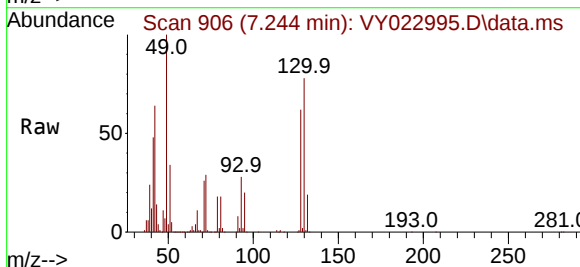
Tgt Ion: 49 Resp: 628281

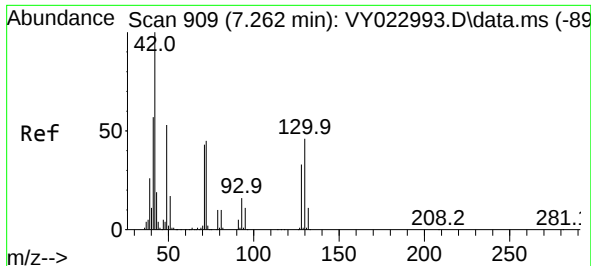
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 77.9 61.8 92.8





#29

Tetrahydrofuran

Concen: 834.735 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

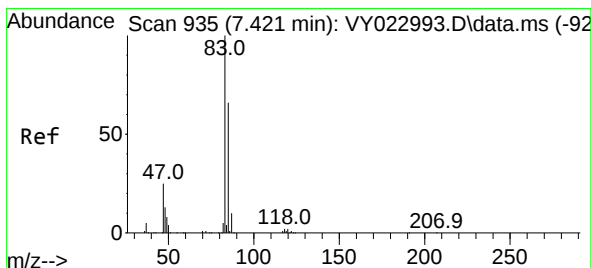
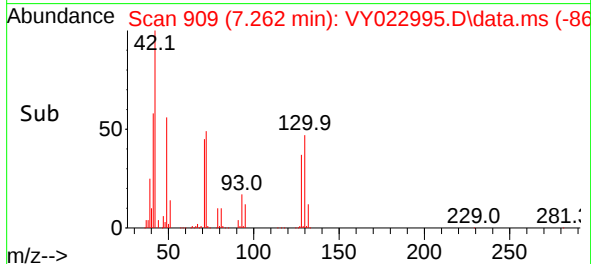
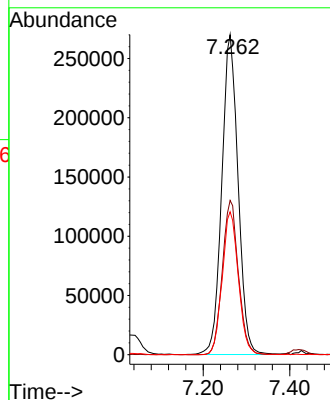
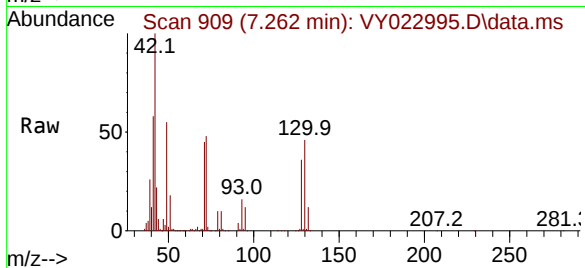
Tgt Ion: 42 Resp: 706173

Ion Ratio Lower Upper

42 100

72 47.6 37.5 56.3

71 44.2 34.2 51.4



#30

Chloroform

Concen: 144.750 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022995.D

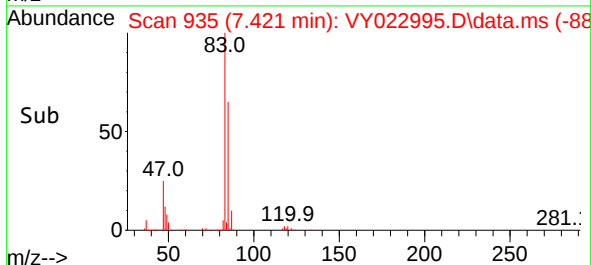
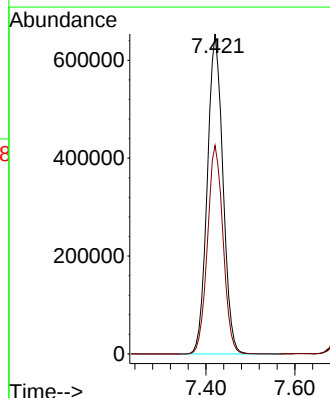
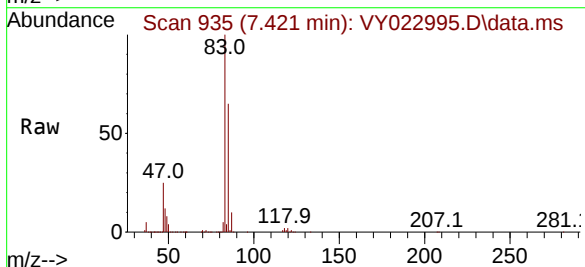
Acq: 18 Jul 2025 12:49

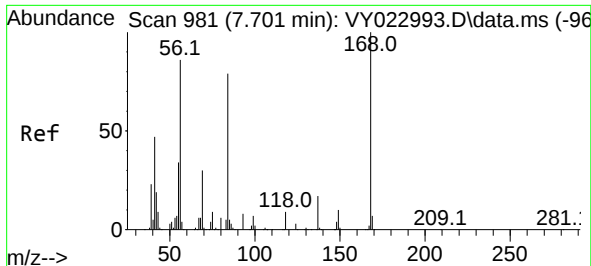
Tgt Ion: 83 Resp: 1598800

Ion Ratio Lower Upper

83 100

85 65.2 52.6 78.8

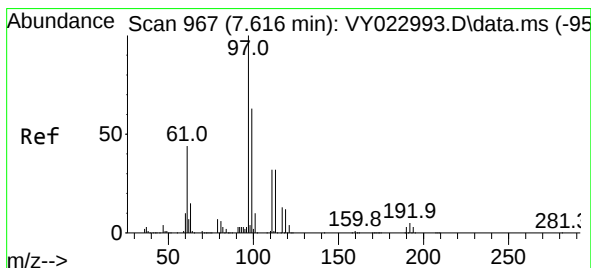
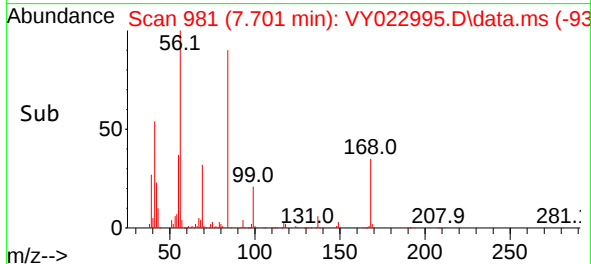
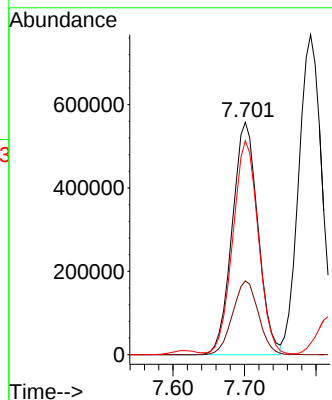
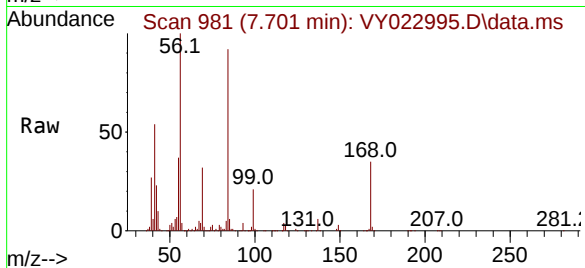




#31
Cyclohexane
Concen: 136.623 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

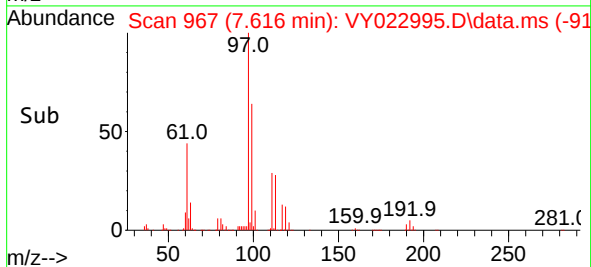
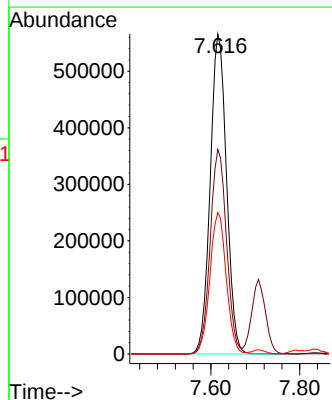
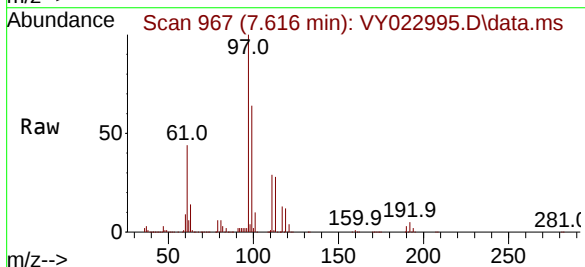
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

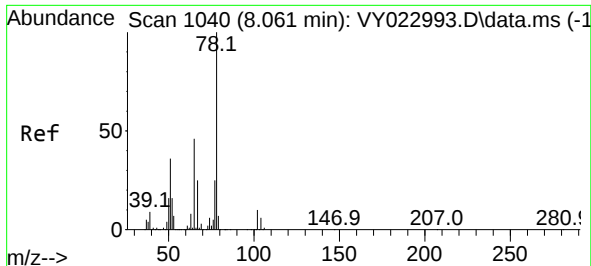
Tgt Ion: 56 Resp: 1397744
Ion Ratio Lower Upper
56 100
69 31.8 28.1 42.1
84 90.3 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 143.937 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 97 Resp: 1442504
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 44.3 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 147.778 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

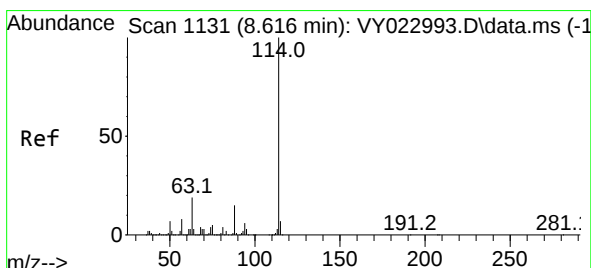
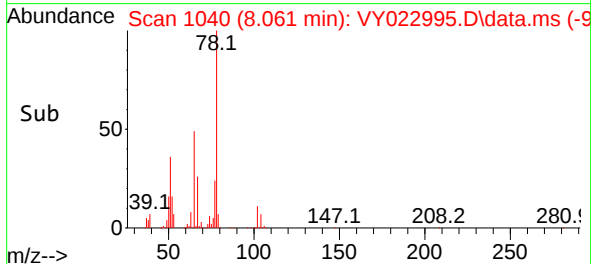
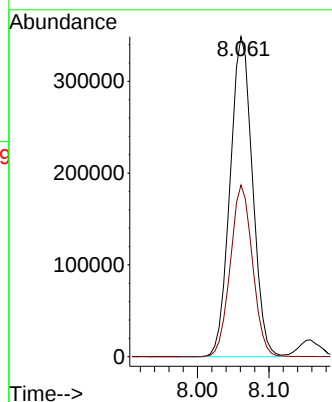
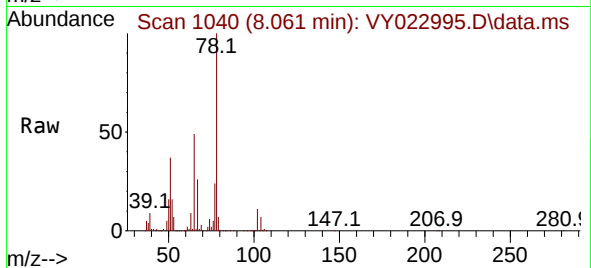
VSTDIC150

Tgt Ion: 65 Resp: 759333

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

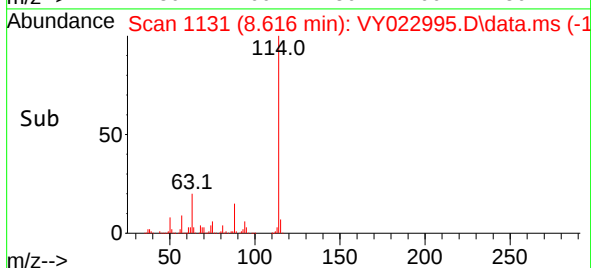
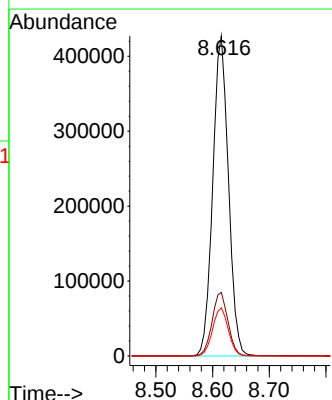
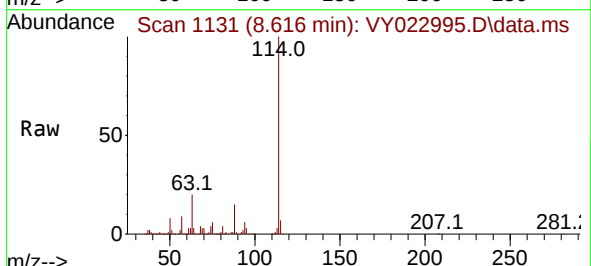
Tgt Ion: 114 Resp: 818041

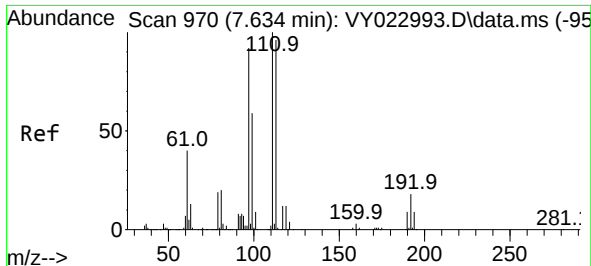
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 15.1 0.0 30.2

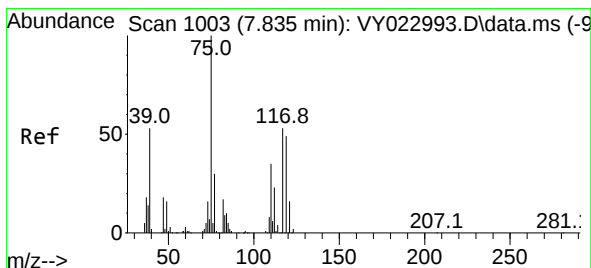
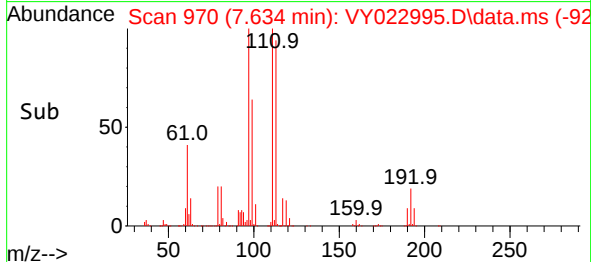
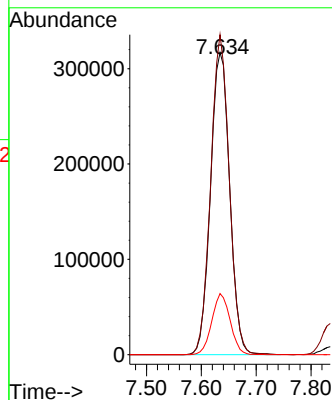
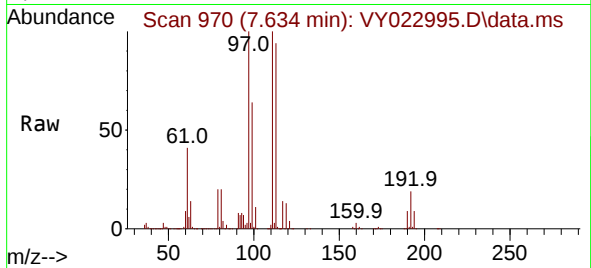




#35
Dibromofluoromethane
Concen: 148.308 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

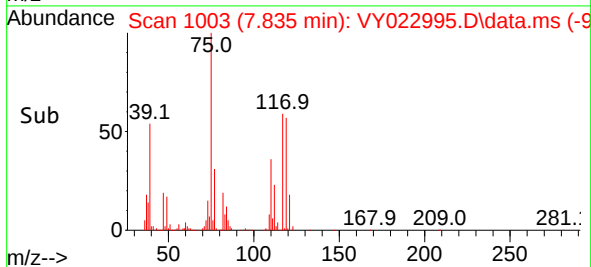
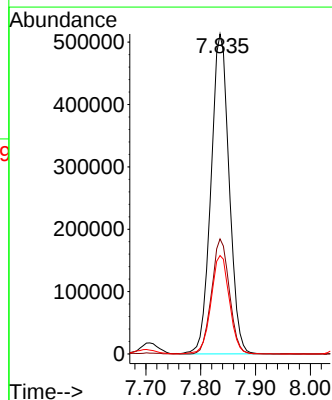
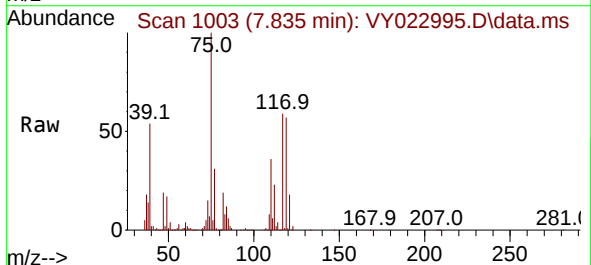
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

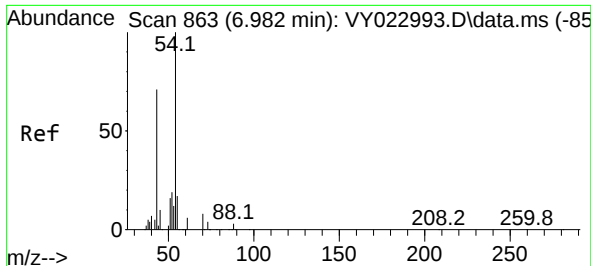
Tgt Ion:113 Resp: 769587
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 19.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 144.097 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 75 Resp: 1177815
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 31.0 24.6 37.0

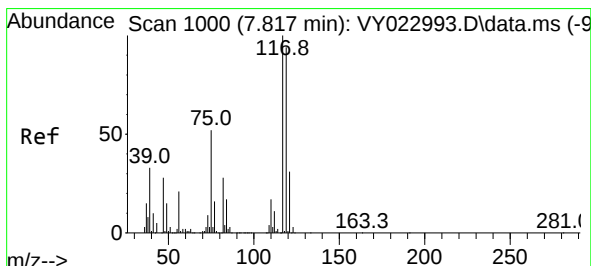
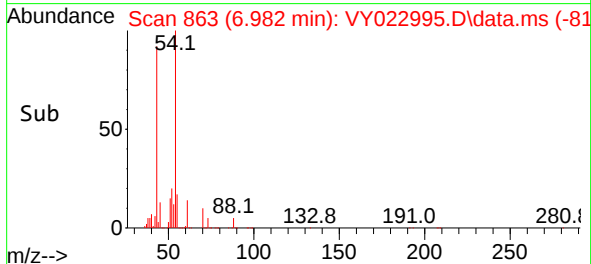
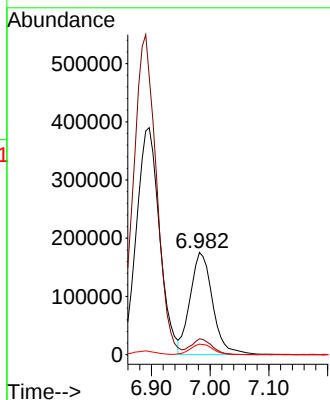
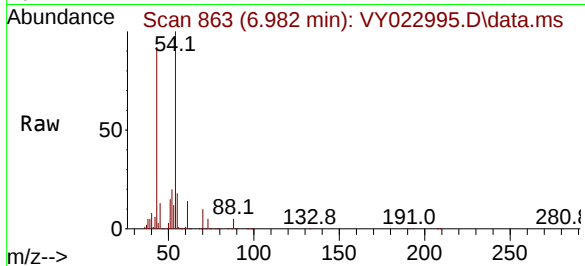




#37
Ethyl Acetate
Concen: 152.699 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

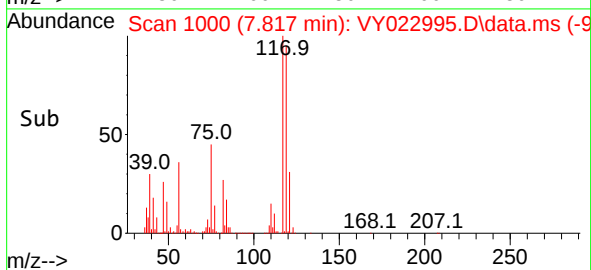
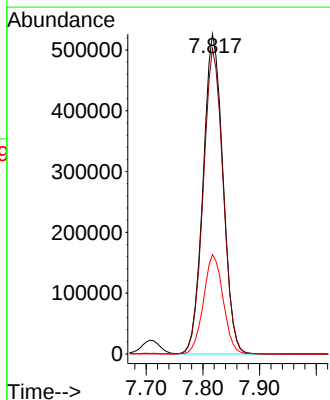
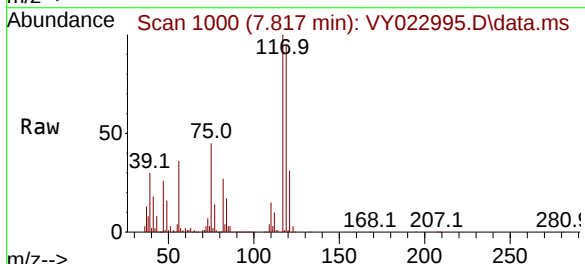
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

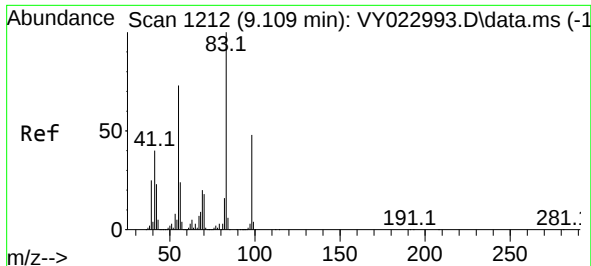
Tgt Ion: 43 Resp: 463547
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 10.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 143.863 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 117 Resp: 1277517
Ion Ratio Lower Upper
117 100
119 95.3 74.9 112.3
121 31.1 24.6 37.0





#39

Methylcyclohexane

Concen: 147.341 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

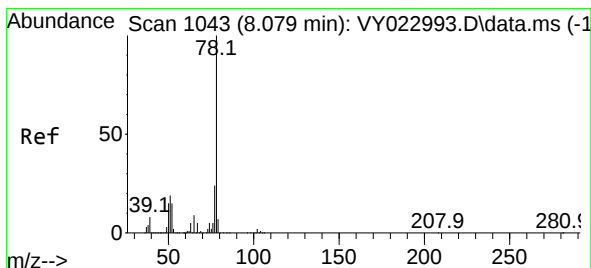
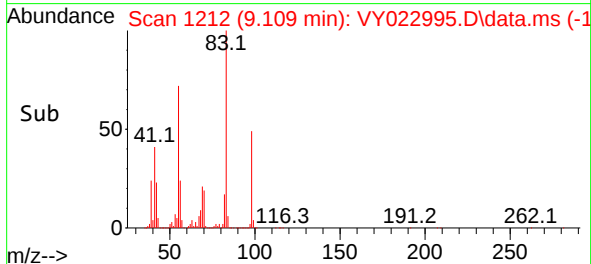
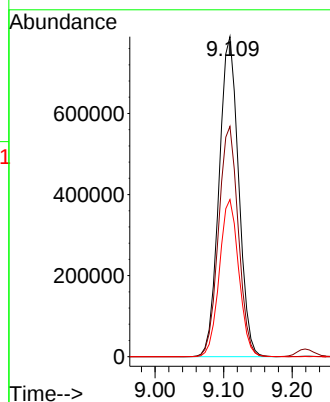
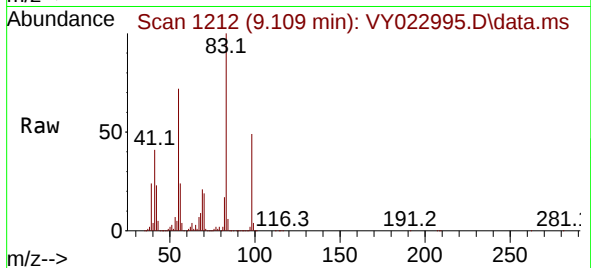
Tgt Ion: 83 Resp: 1558807

Ion Ratio Lower Upper

83 100

55 71.9 58.1 87.1

98 49.1 38.5 57.7



#40

Benzene

Concen: 147.493 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022995.D

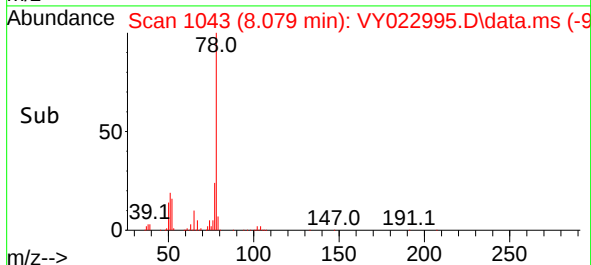
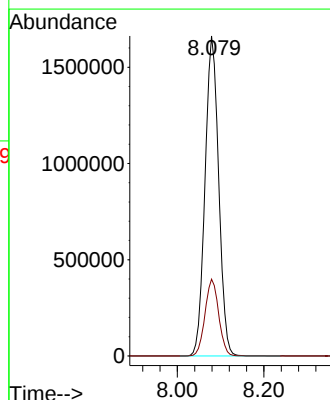
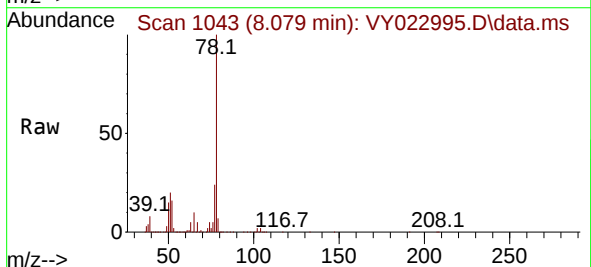
Acq: 18 Jul 2025 12:49

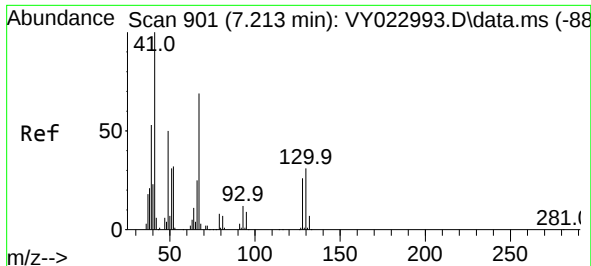
Tgt Ion: 78 Resp: 3629855

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

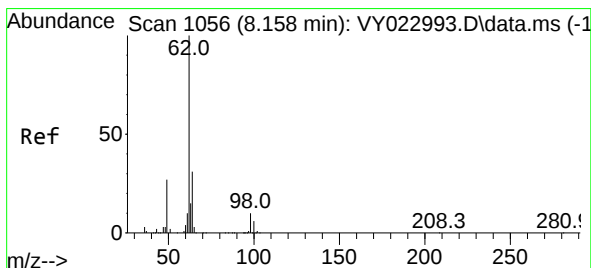
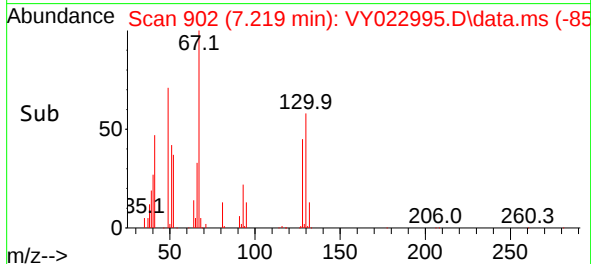
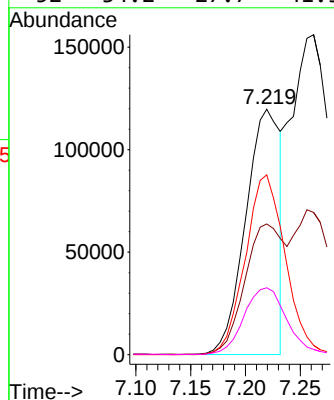
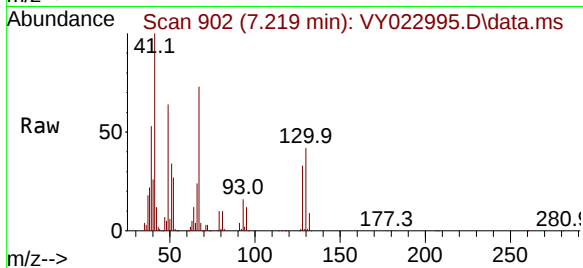




#41
Methacrylonitrile
Concen: 163.855 ug/l
RT: 7.219 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

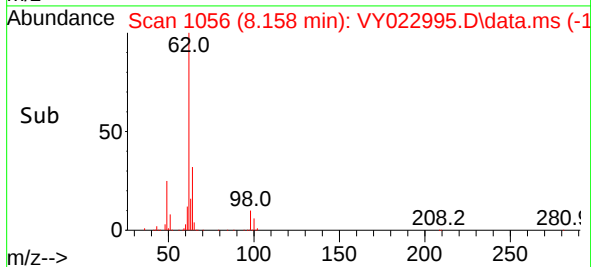
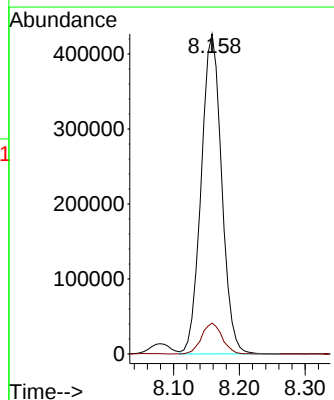
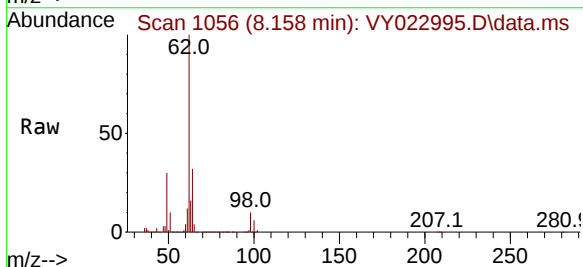
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

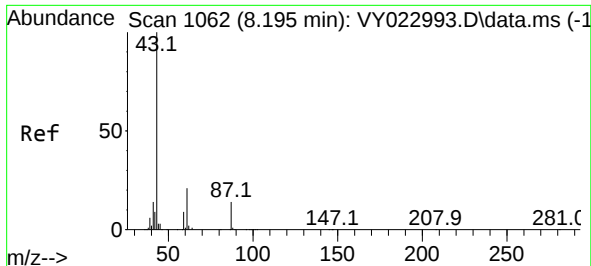
Tgt Ion: 41 Resp: 262546
Ion Ratio Lower Upper
41 100
39 61.6 50.0 75.0
67 85.1 65.4 98.2
52 34.2 27.7 41.5



#42
1,2-Dichloroethane
Concen: 150.515 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 62 Resp: 921582
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0

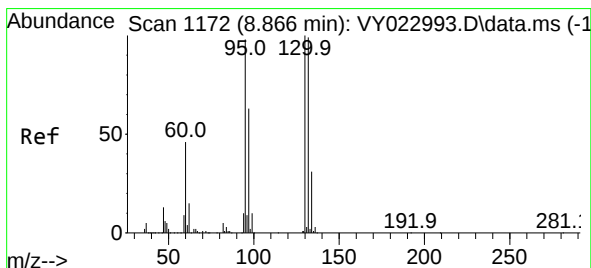
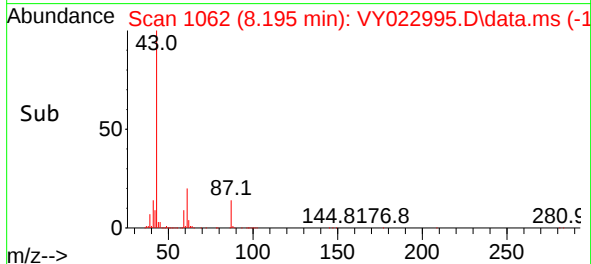
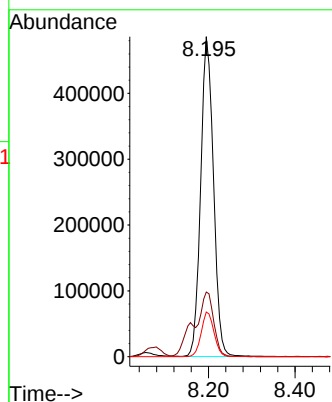
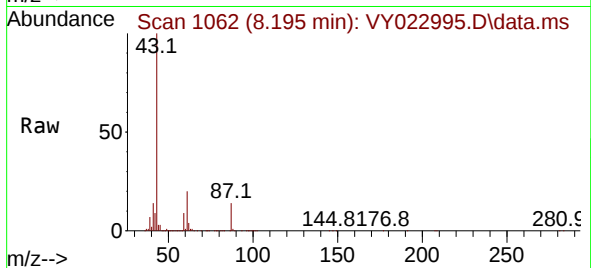




#43
Isopropyl Acetate
Concen: 165.022 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

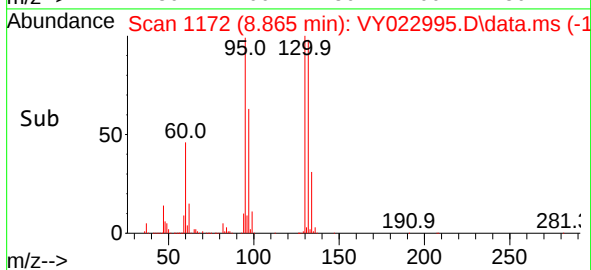
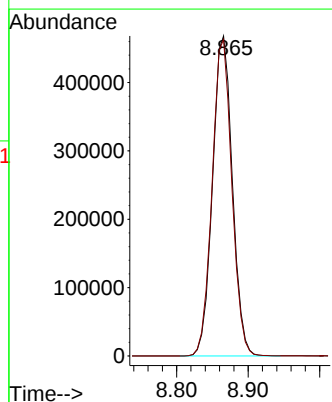
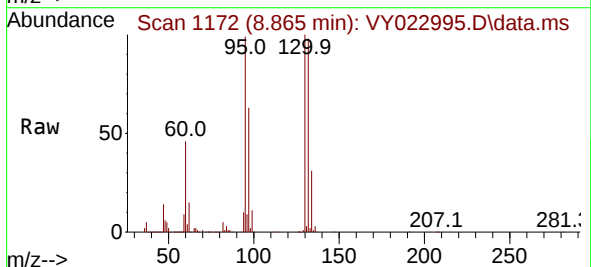
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

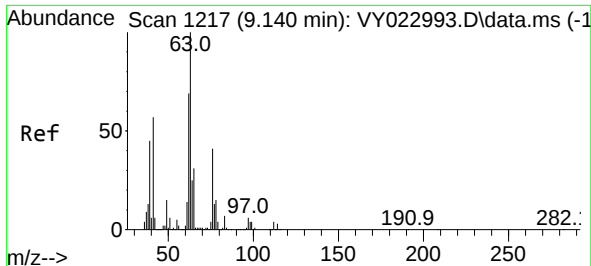
Tgt Ion: 43 Resp: 995083
Ion Ratio Lower Upper
43 100
61 21.0 25.0 37.4#
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 142.310 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion:130 Resp: 899565
Ion Ratio Lower Upper
130 100
95 98.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 147.880 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

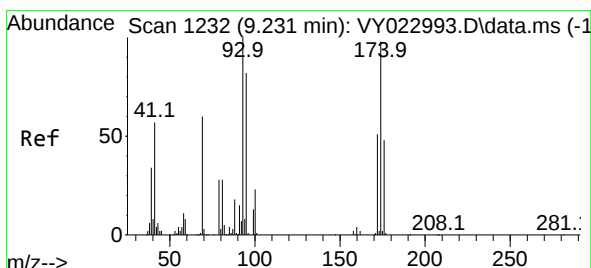
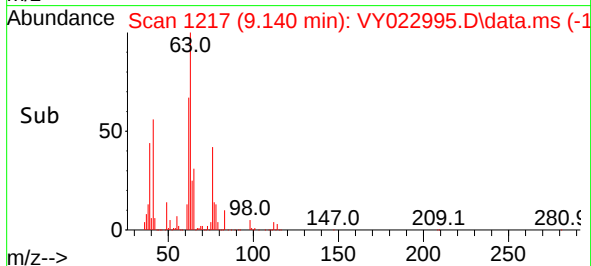
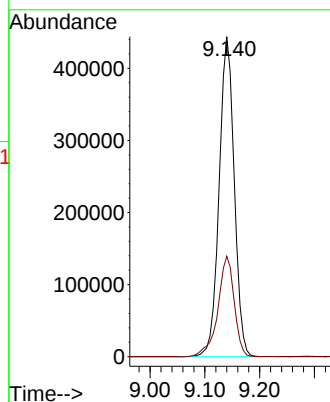
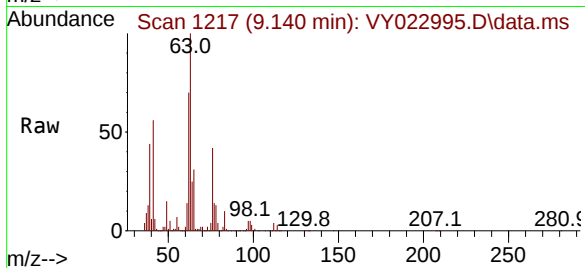
VSTDIC150

Tgt Ion: 63 Resp: 849889

Ion Ratio Lower Upper

63 100

65 31.4 24.6 37.0



#46

Dibromomethane

Concen: 153.894 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

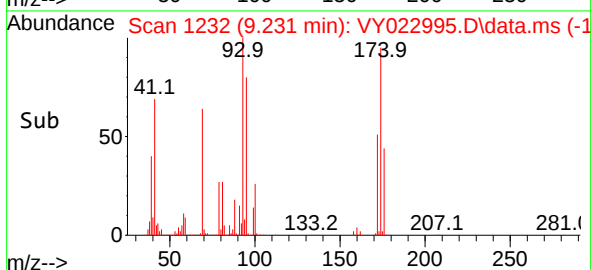
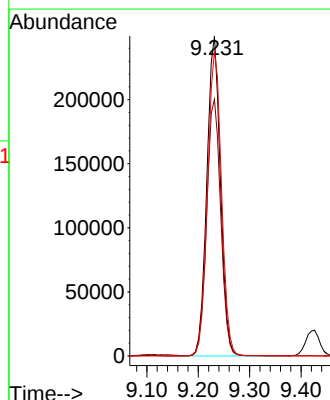
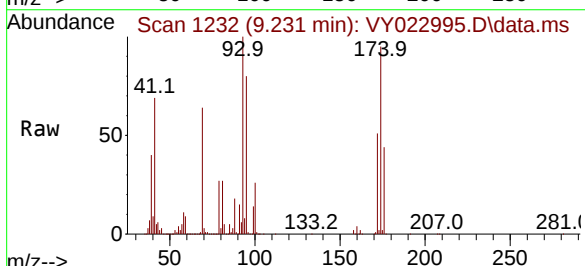
Tgt Ion: 93 Resp: 457164

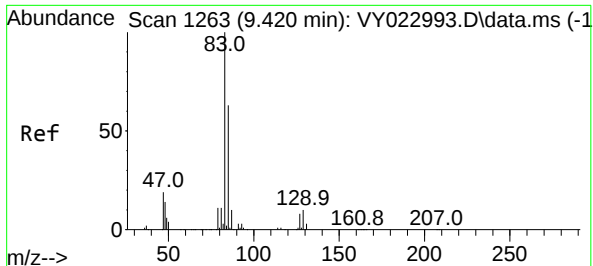
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 97.5 76.4 114.6

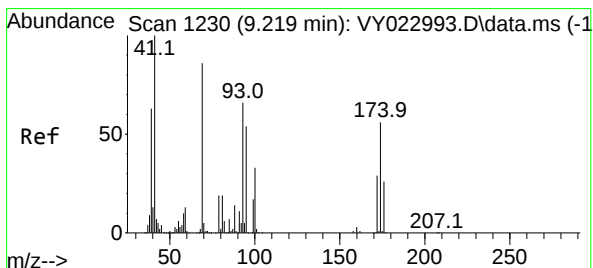
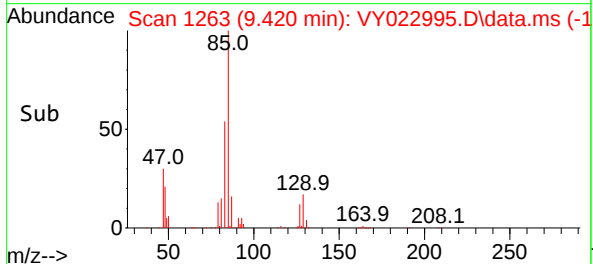
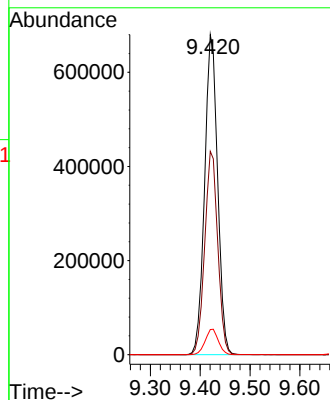
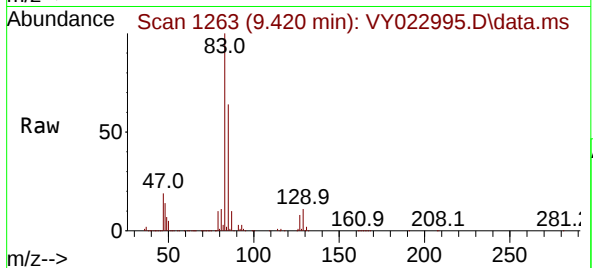




#47
Bromodichloromethane
Concen: 149.779 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

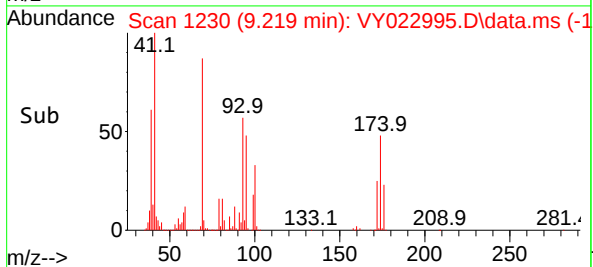
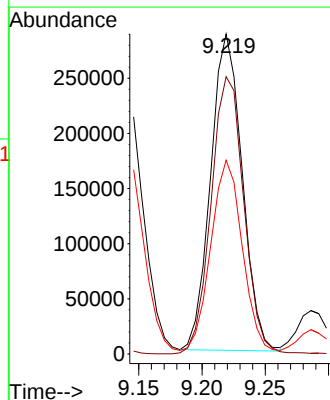
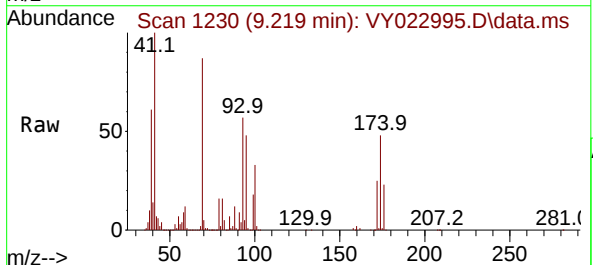
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

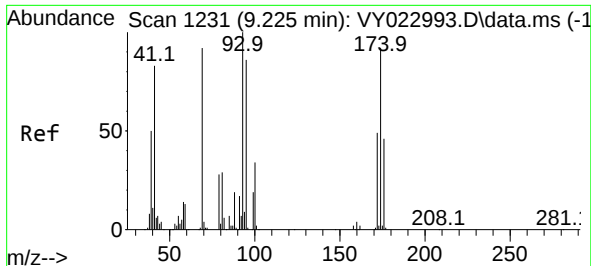
Tgt Ion: 83 Resp: 1229904
Ion Ratio Lower Upper
83 100
85 63.5 50.6 75.8
127 7.8 6.5 9.7



#48
Methyl methacrylate
Concen: 170.750 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 41 Resp: 497091
Ion Ratio Lower Upper
41 100
69 91.2 71.4 107.0
39 59.9 47.8 71.8





#49

1,4-Dioxane

Concen: 3372.404 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

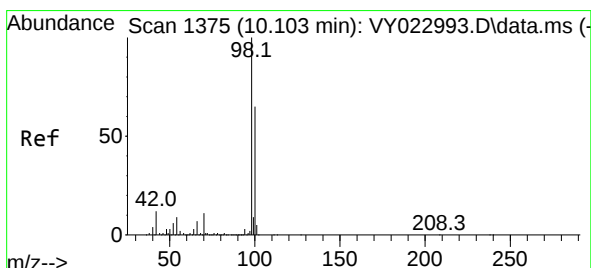
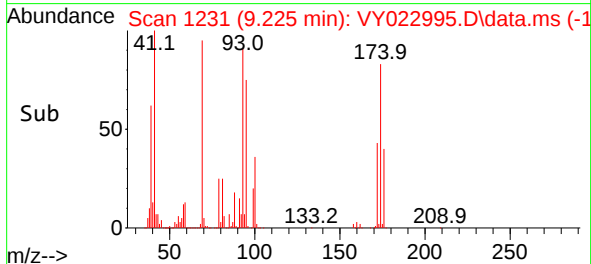
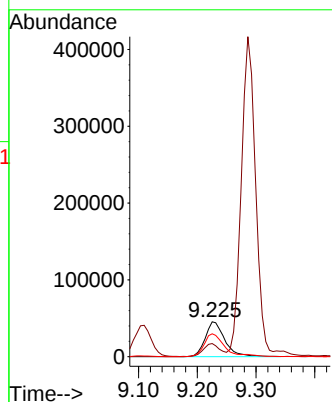
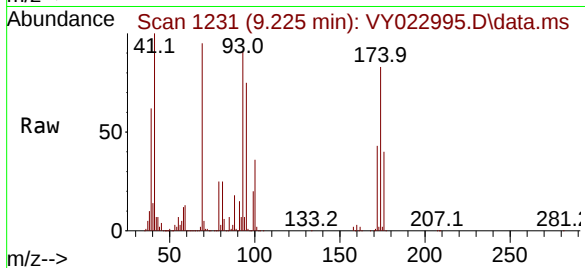
Tgt Ion: 88 Resp: 105601

Ion Ratio Lower Upper

88 100

43 31.8 28.7 43.1

58 69.2 59.8 89.6



#50

Toluene-d8

Concen: 147.281 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022995.D

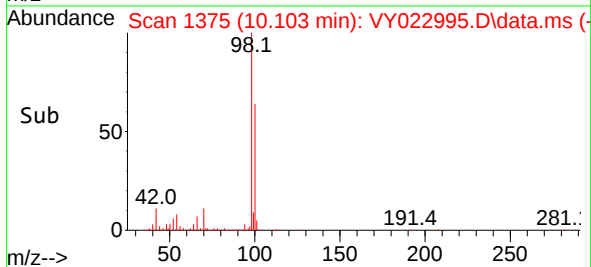
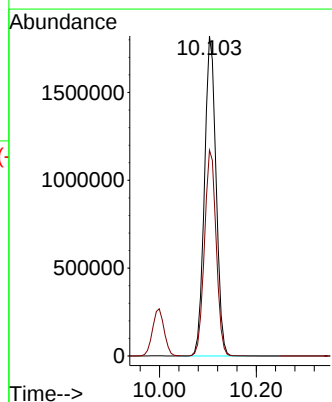
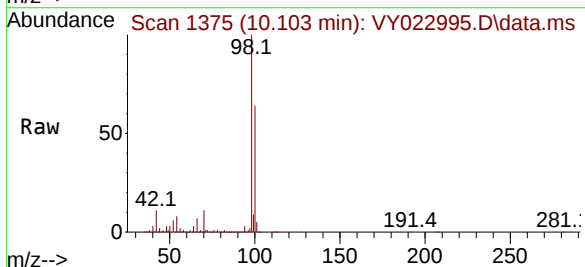
Acq: 18 Jul 2025 12:49

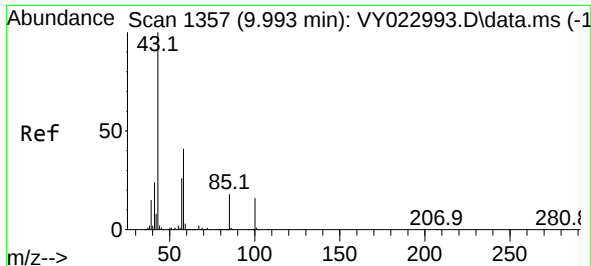
Tgt Ion: 98 Resp: 3030762

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

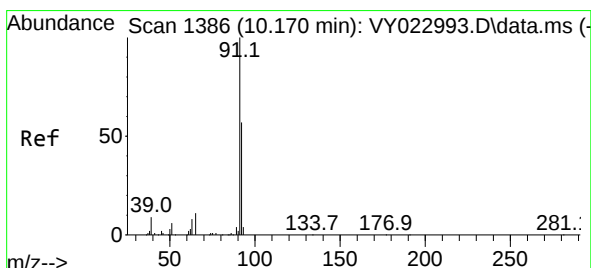
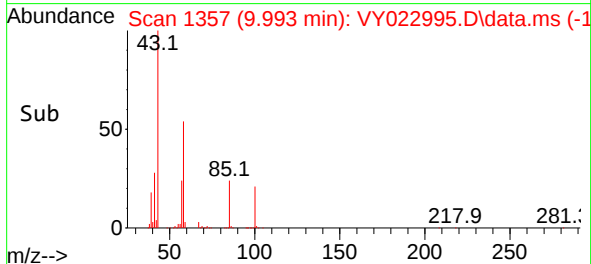
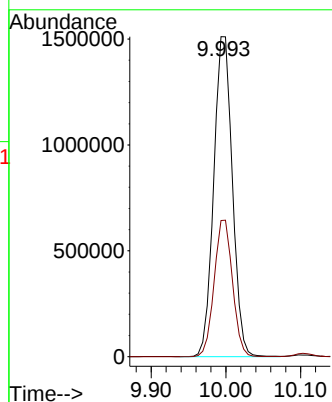
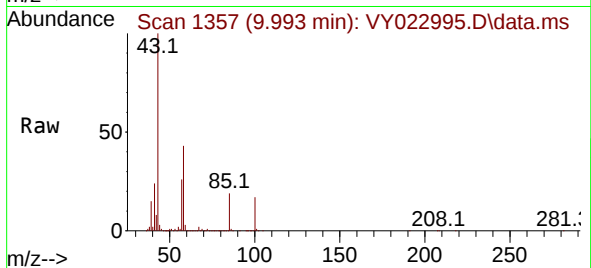




#51
4-Methyl-2-Pentanone
Concen: 856.011 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

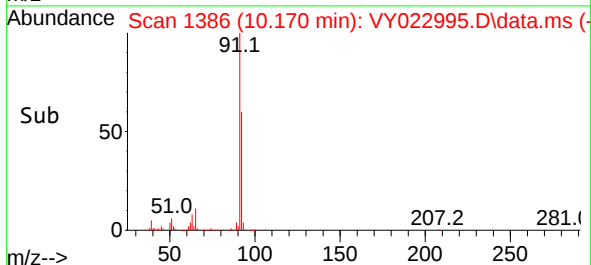
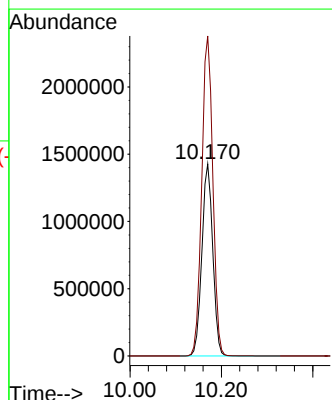
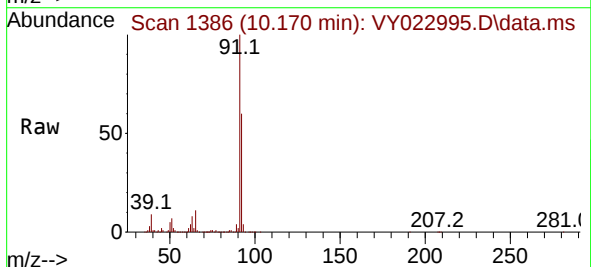
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

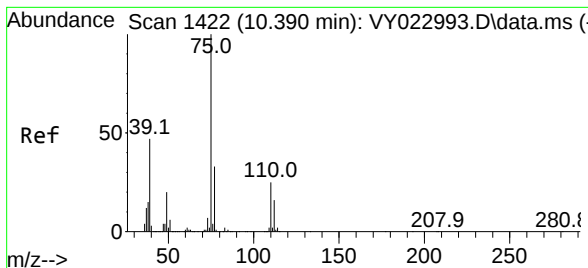
Tgt Ion: 43 Resp: 2619935
Ion Ratio Lower Upper
43 100
58 42.0 32.5 48.7



#52
Toluene
Concen: 153.936 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 92 Resp: 2355369
Ion Ratio Lower Upper
92 100
91 169.8 137.8 206.6

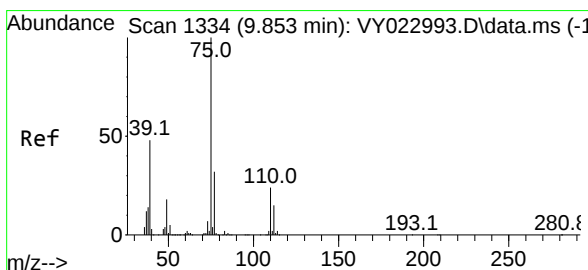
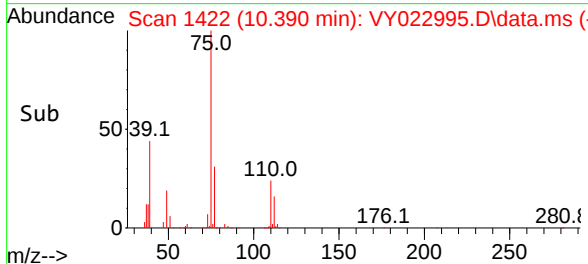
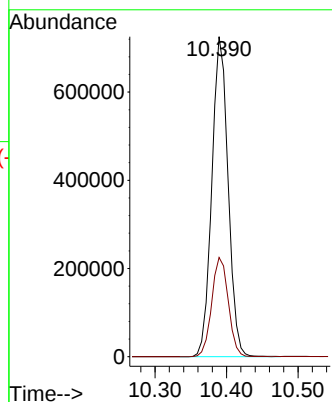
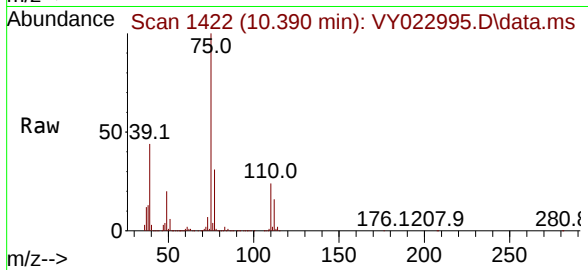




#53
 t-1,3-Dichloropropene
 Concen: 162.478 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

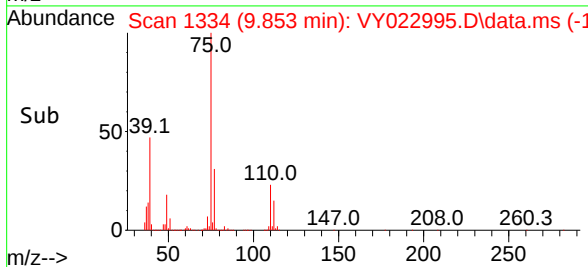
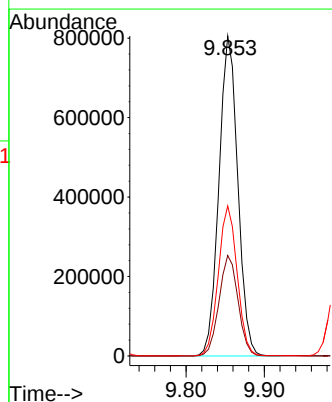
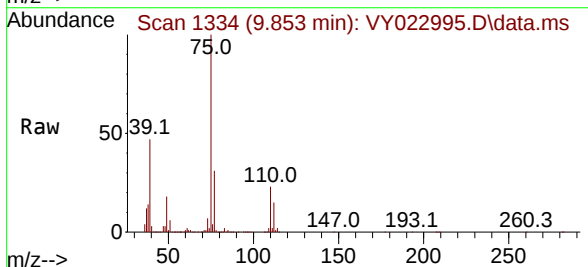
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

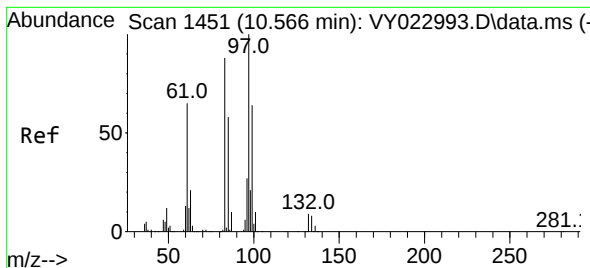
Tgt Ion: 75 Resp: 1145266
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 158.600 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

Tgt Ion: 75 Resp: 1347461
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 46.9 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 156.212 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 609925

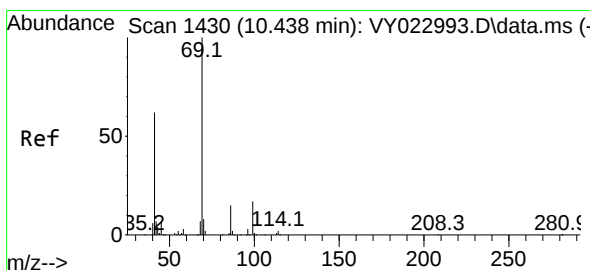
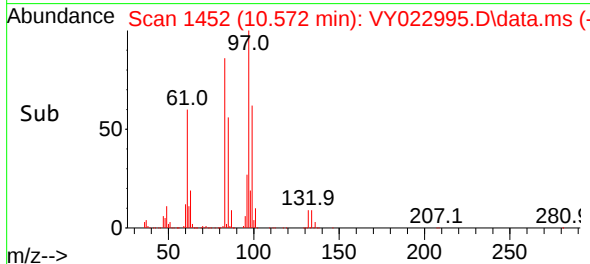
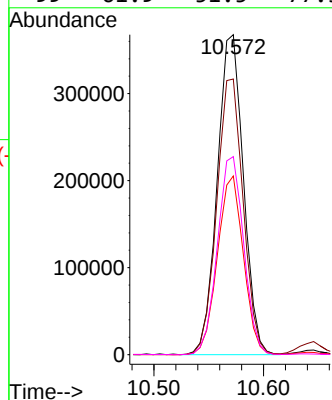
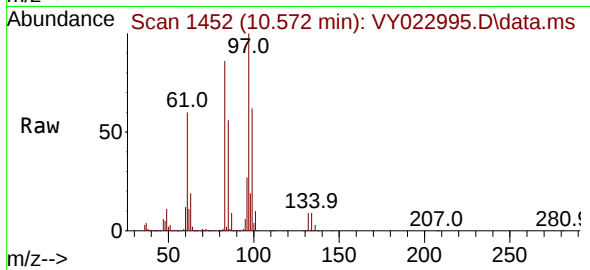
Ion Ratio Lower Upper

97 100

83 86.1 70.2 105.2

85 55.8 46.2 69.2

99 61.9 51.5 77.3



#56

Ethyl methacrylate

Concen: 176.974 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

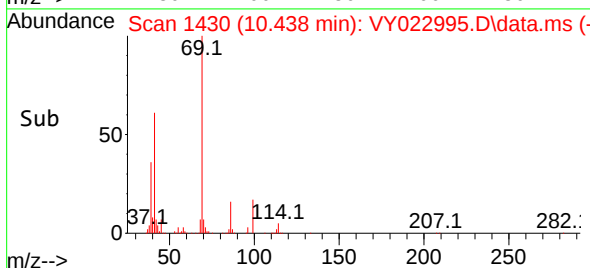
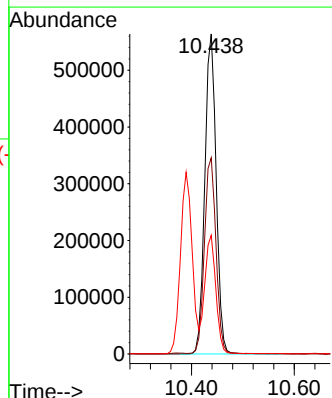
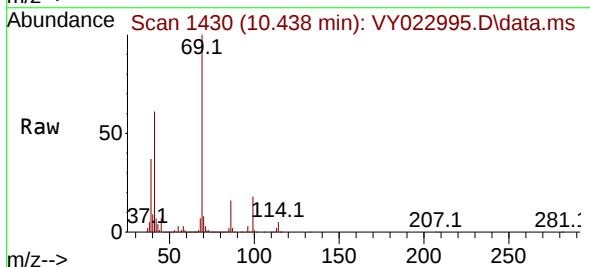
Tgt Ion: 69 Resp: 862573

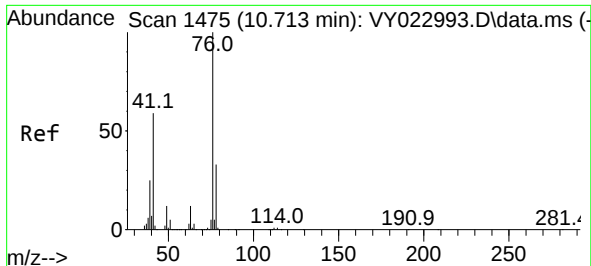
Ion Ratio Lower Upper

69 100

41 62.4 51.0 76.4

39 36.3 30.6 46.0





#57

1,3-Dichloropropane

Concen: 156.398 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

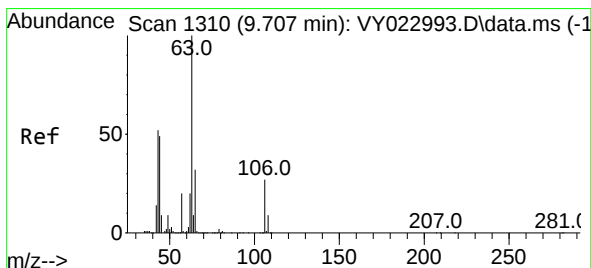
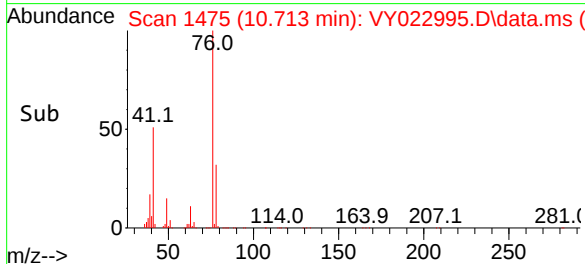
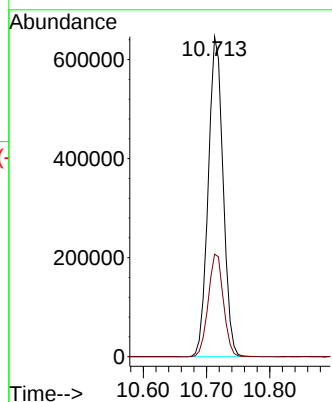
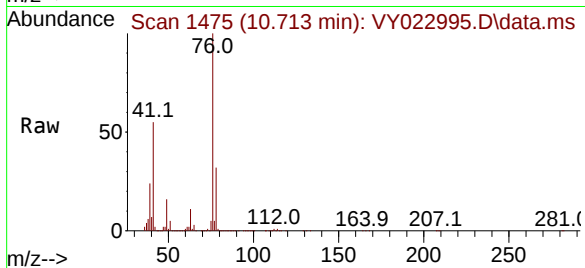
VSTDIC150

Tgt Ion: 76 Resp: 1054881

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 889.686 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022995.D

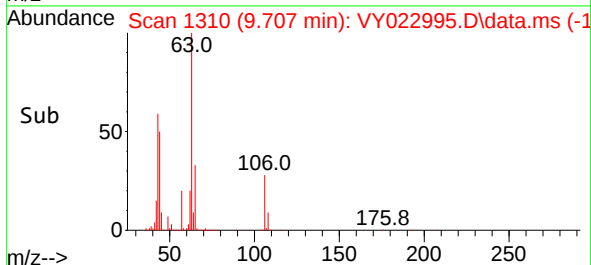
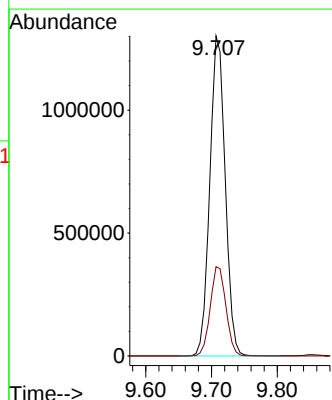
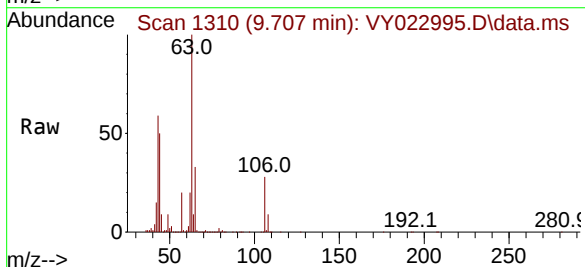
Acq: 18 Jul 2025 12:49

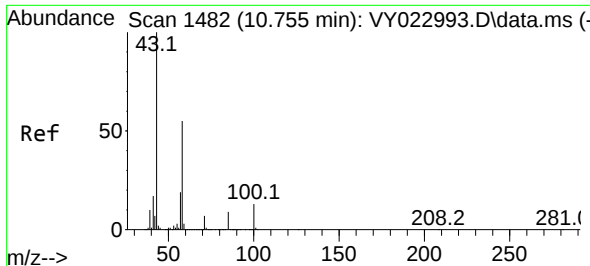
Tgt Ion: 63 Resp: 2122696

Ion Ratio Lower Upper

63 100

106 28.3 22.6 33.8

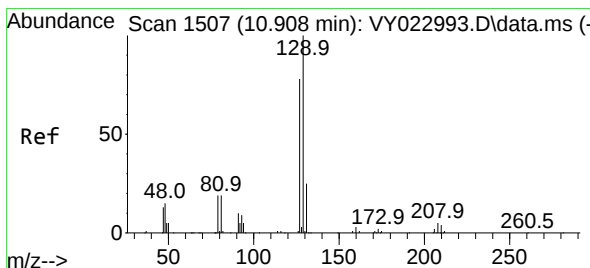
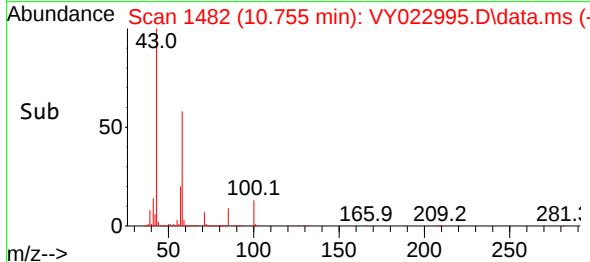
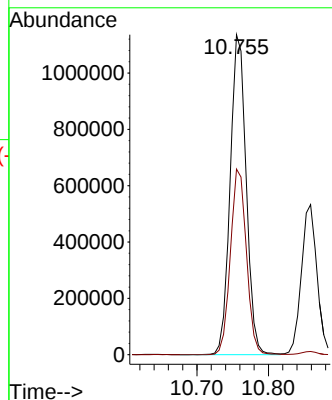
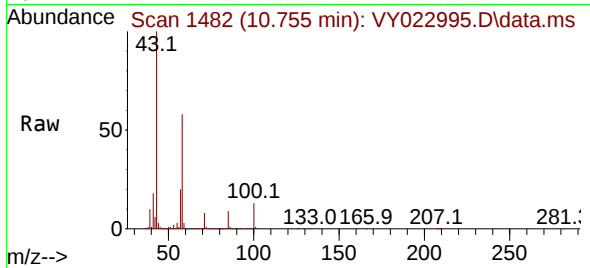




#59
2-Hexanone
Concen: 876.571 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

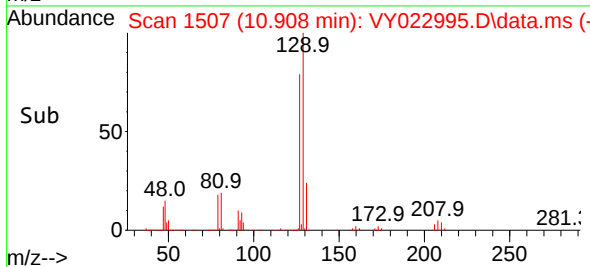
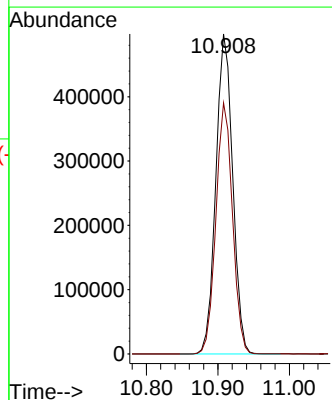
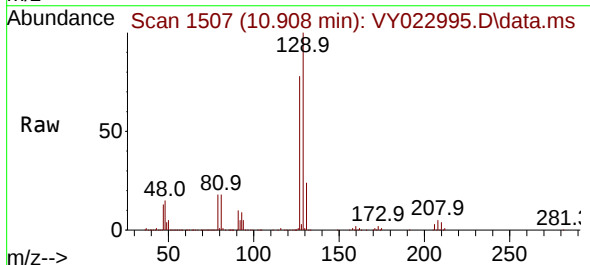
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

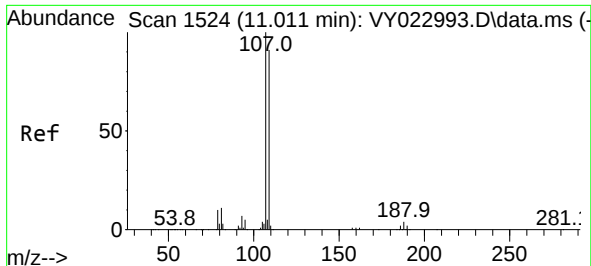
Tgt Ion: 43 Resp: 1763492
Ion Ratio Lower Upper
43 100
58 58.1 28.1 84.3



#60
Dibromochloromethane
Concen: 158.968 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 129 Resp: 812760
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

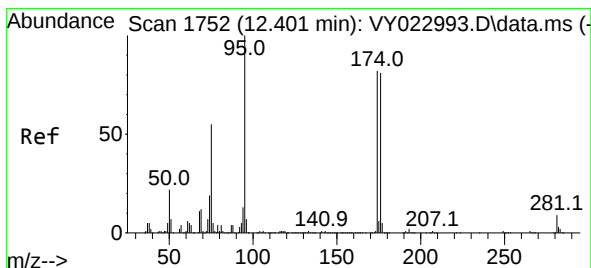
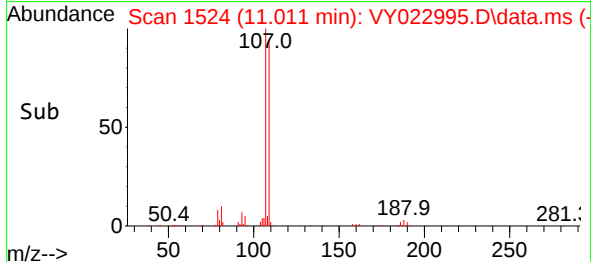
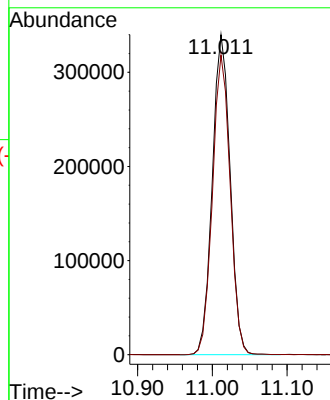
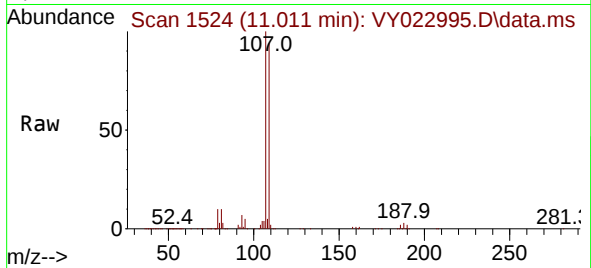




#61
1,2-Dibromoethane
Concen: 158.800 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

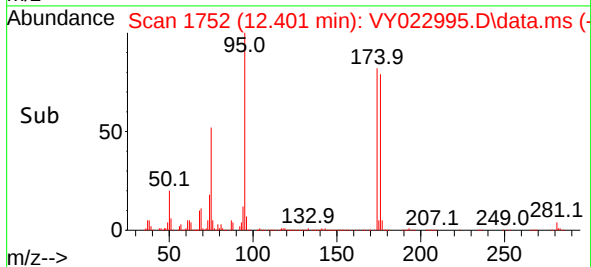
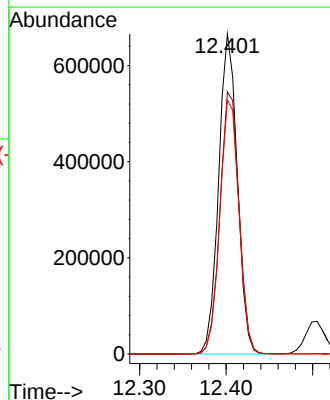
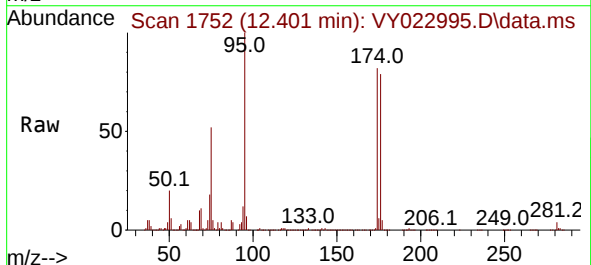
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

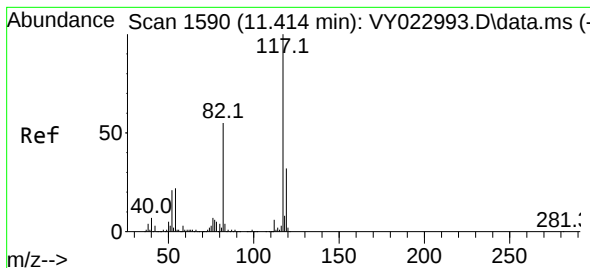
Tgt Ion:107 Resp: 563050
Ion Ratio Lower Upper
107 100
109 93.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 153.805 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 95 Resp: 996296
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 81.2 0.0 163.6

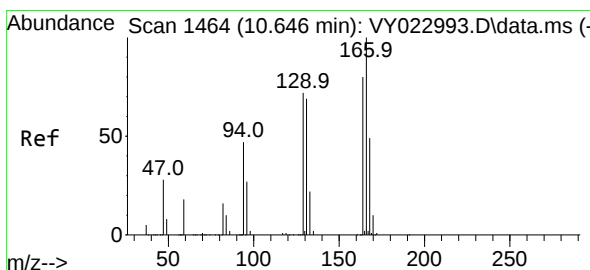
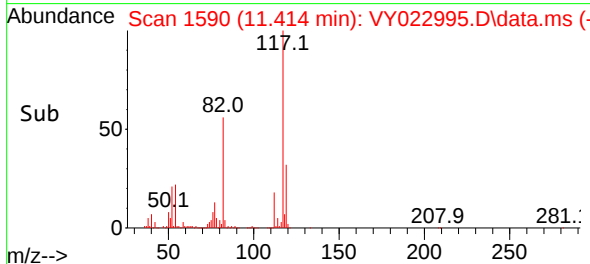
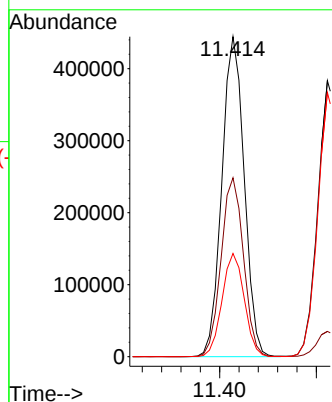
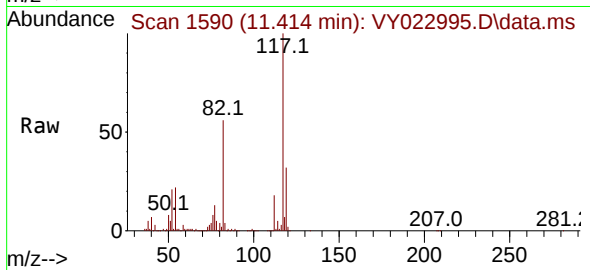




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

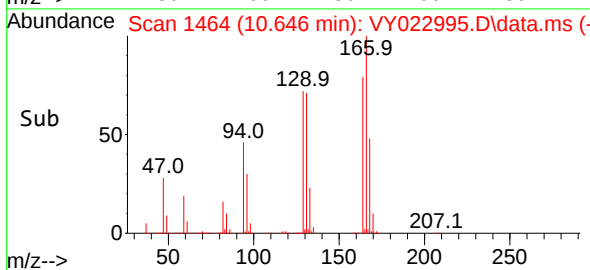
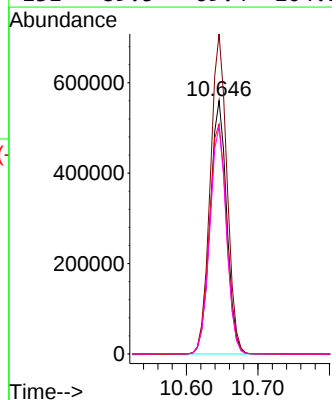
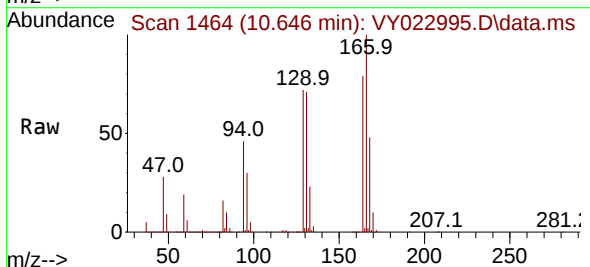
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

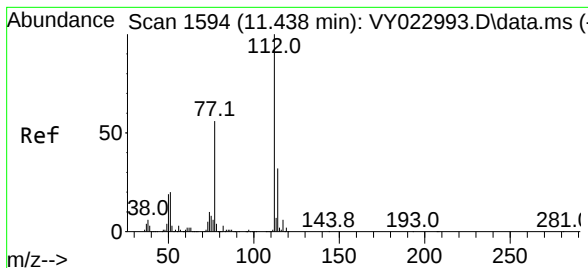
Tgt Ion:117 Resp: 713048
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 123.614 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion:164 Resp: 900940
Ion Ratio Lower Upper
164 100
166 126.3 100.2 150.2
129 90.7 71.7 107.5
131 89.5 69.4 104.2

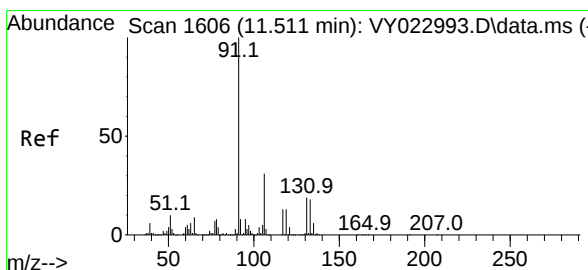
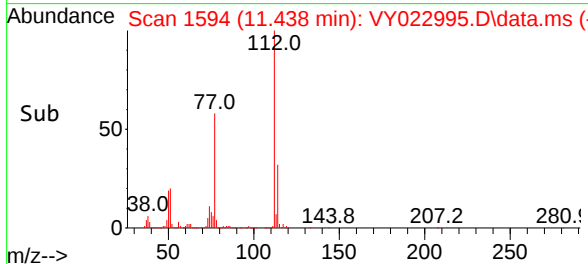
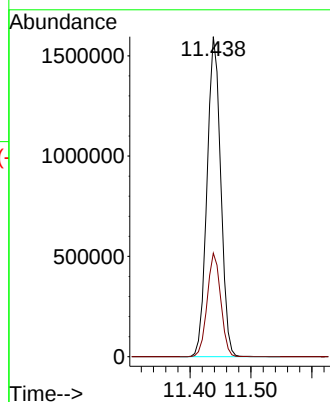
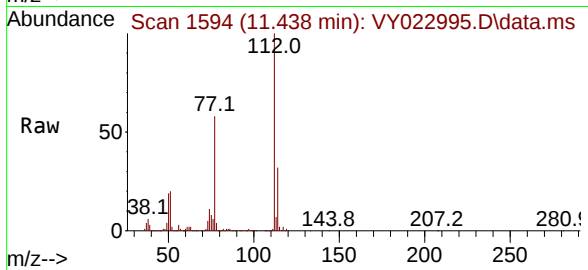




#65
Chlorobenzene
Concen: 147.805 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

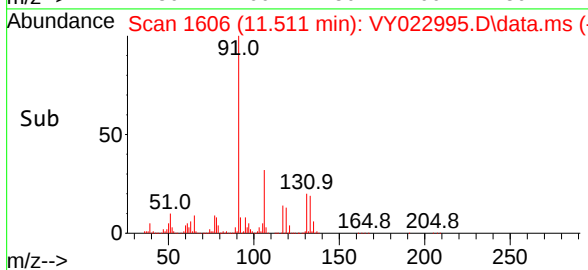
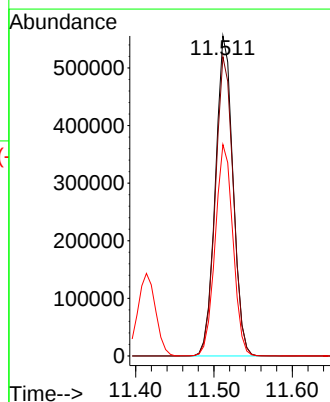
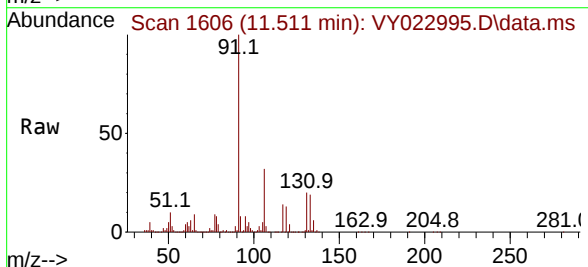
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

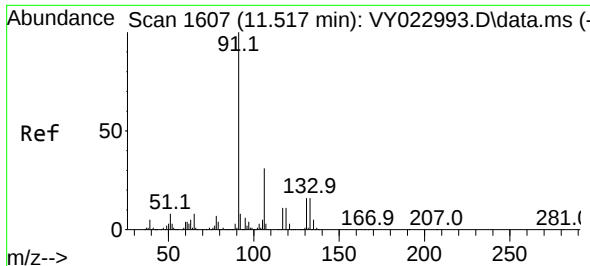
Tgt Ion:112 Resp: 2486956
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 151.433 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion:131 Resp: 869061
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 66.6 33.3 99.8

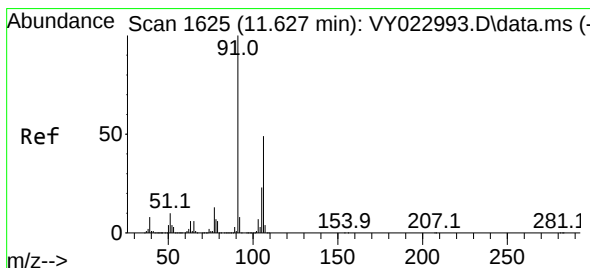
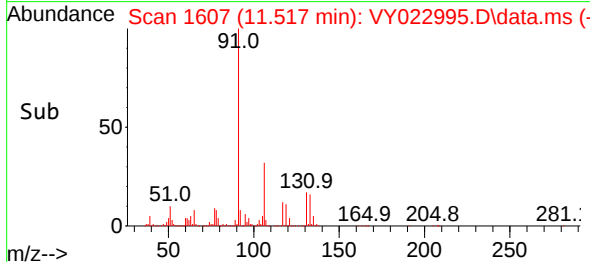
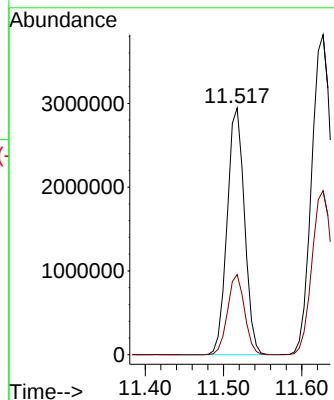
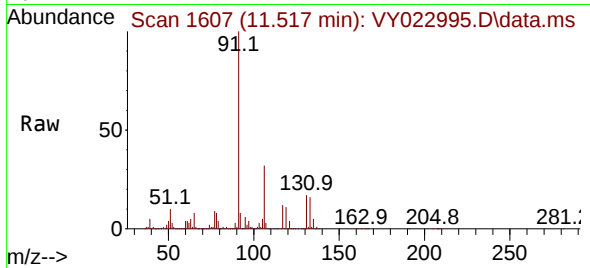




#67
Ethyl Benzene
Concen: 151.974 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

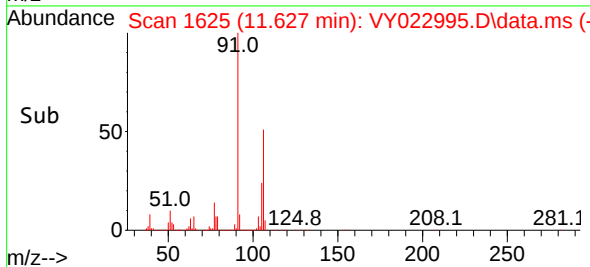
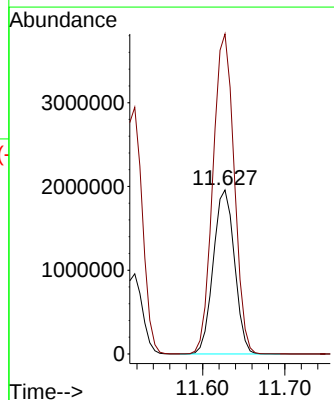
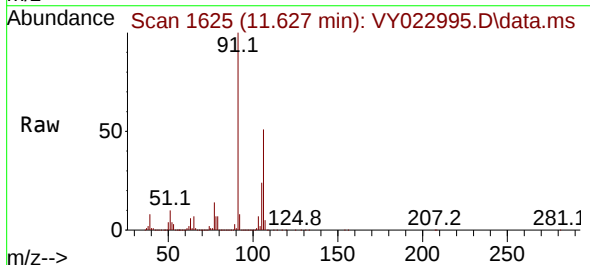
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

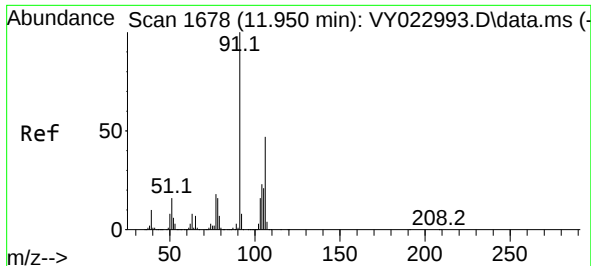
Tgt Ion: 91 Resp: 4532458
Ion Ratio Lower Upper
91 100
106 32.5 24.6 37.0



#68
m/p-Xylenes
Concen: 306.732 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion:106 Resp: 3508814
Ion Ratio Lower Upper
106 100
91 195.8 159.8 239.8

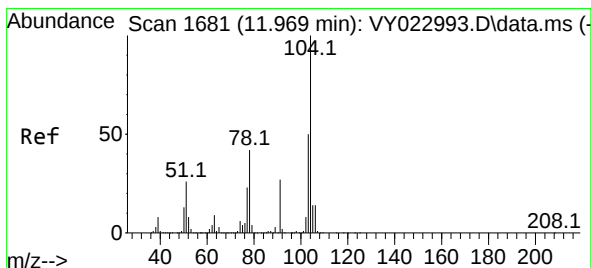
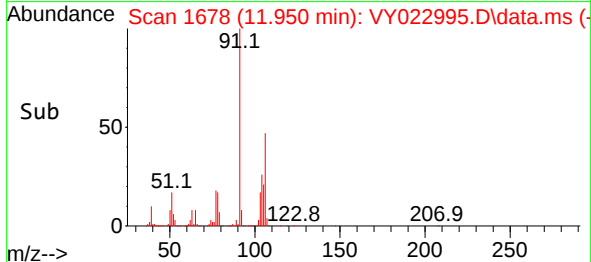
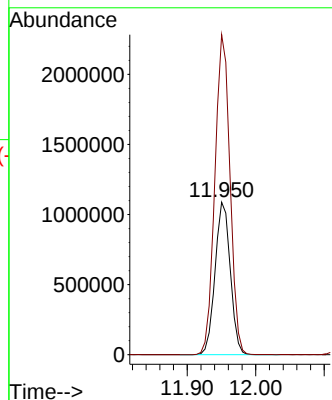
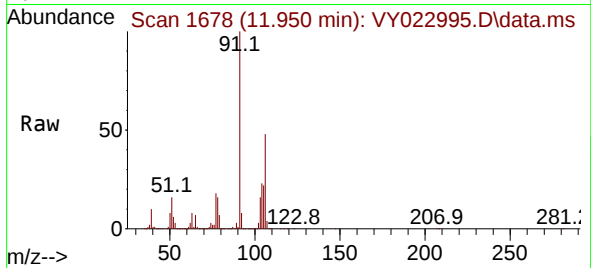




#69
o-Xylene
Concen: 157.335 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

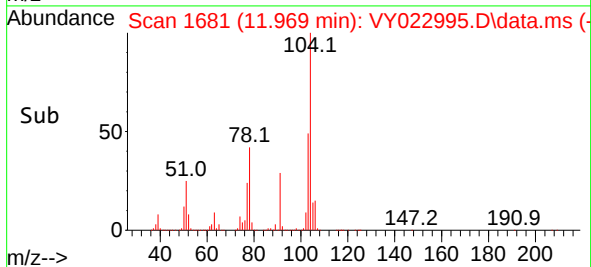
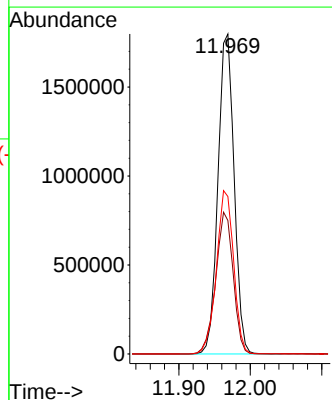
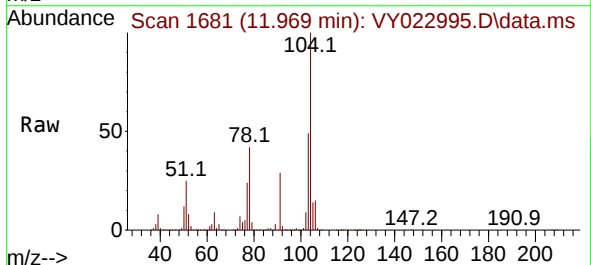
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

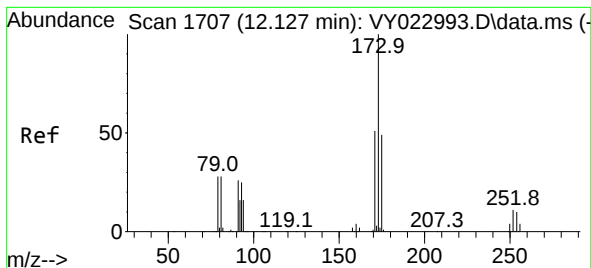
Tgt Ion:106 Resp: 1670304
Ion Ratio Lower Upper
106 100
91 208.9 106.3 318.8



#70
Styrene
Concen: 161.930 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion:104 Resp: 2815907
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 54.6 43.7 65.5





#71

Bromoform

Concen: 165.606 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

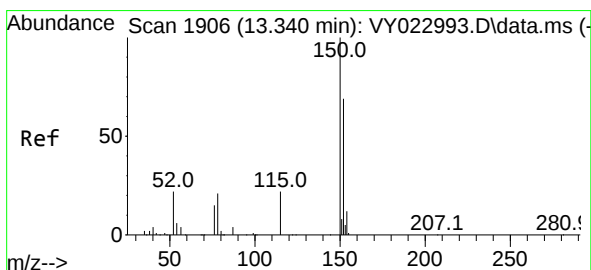
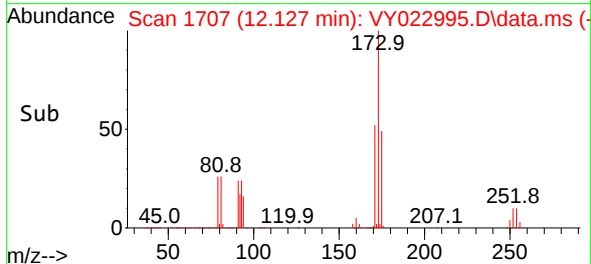
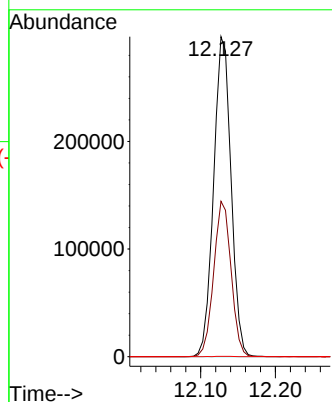
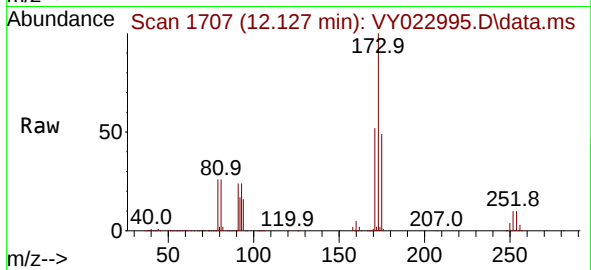
Tgt Ion:173 Resp: 482482

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

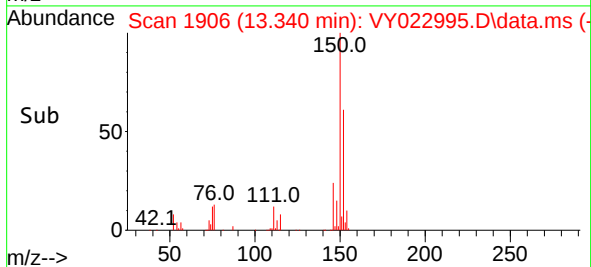
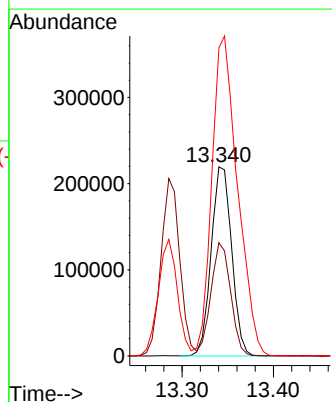
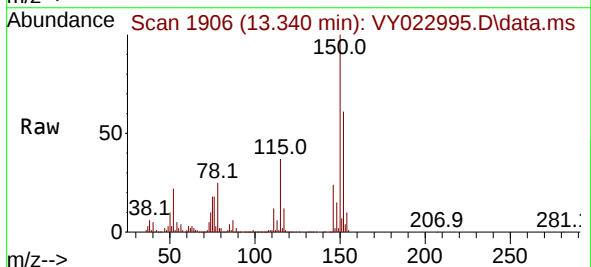
Tgt Ion:152 Resp: 341818

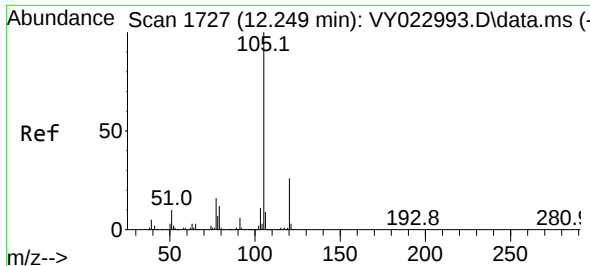
Ion Ratio Lower Upper

152 100

115 57.5 29.4 88.2

150 212.4 0.0 350.0

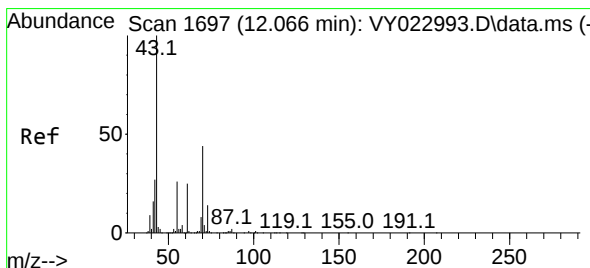
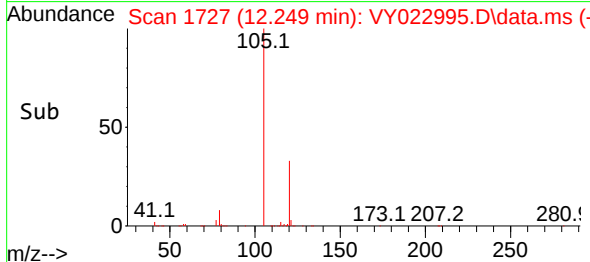
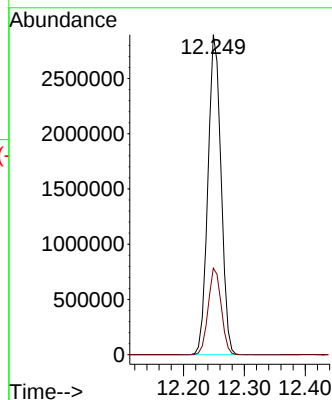
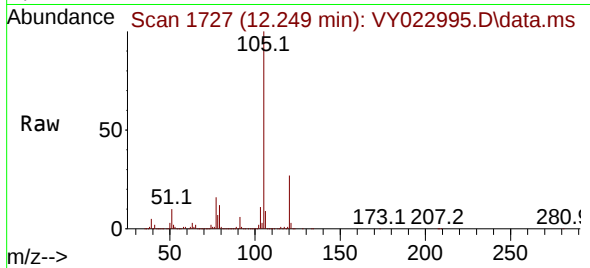




#73
Isopropylbenzene
Concen: 148.835 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

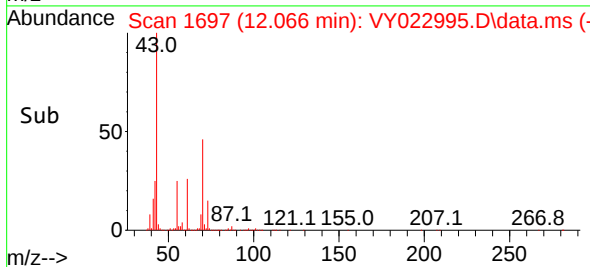
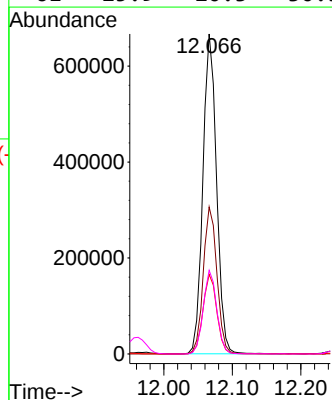
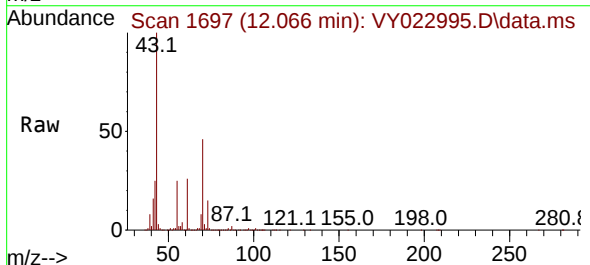
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

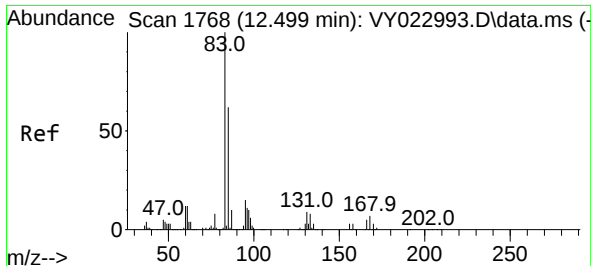
Tgt Ion:105 Resp: 4313254
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 169.687 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 43 Resp: 927122
Ion Ratio Lower Upper
43 100
70 46.1 36.2 54.2
55 25.2 20.9 31.3
61 25.9 20.3 30.5

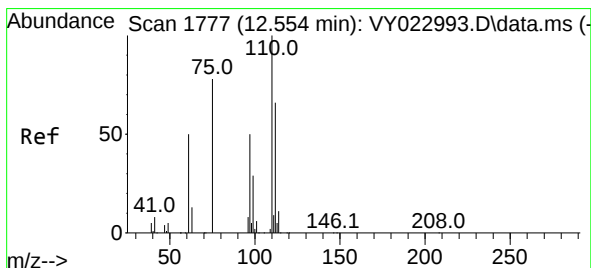
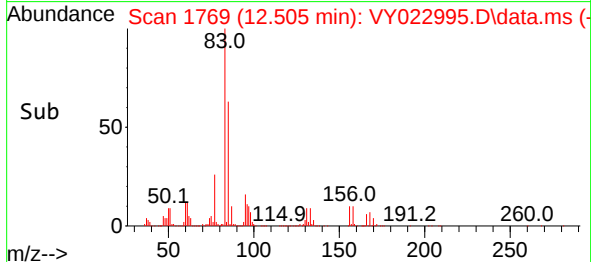
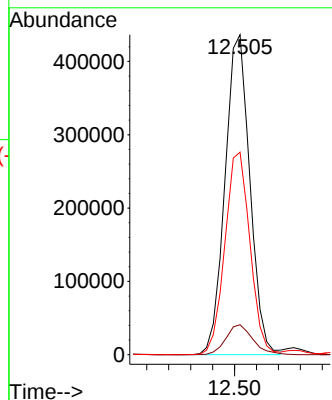
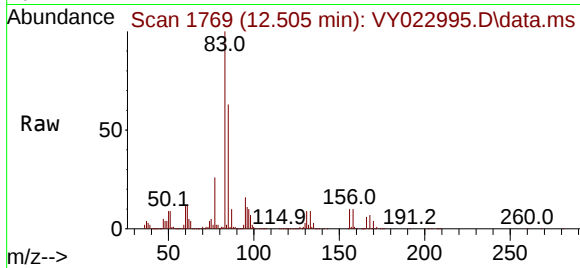




#75
1,1,2,2-Tetrachloroethane
Concen: 163.959 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

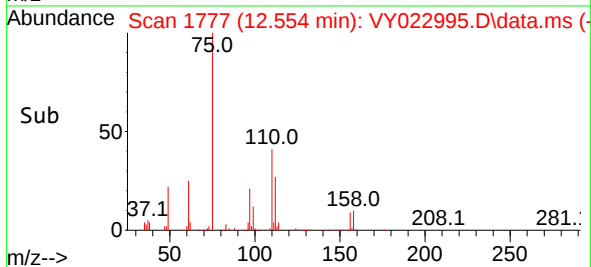
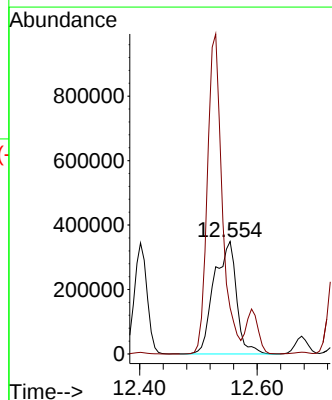
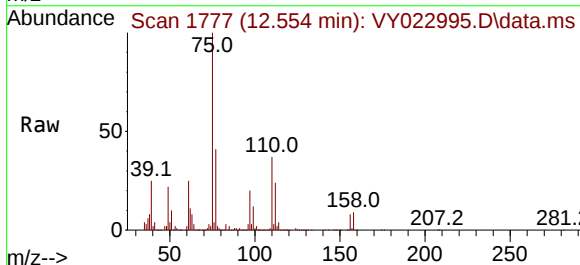
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

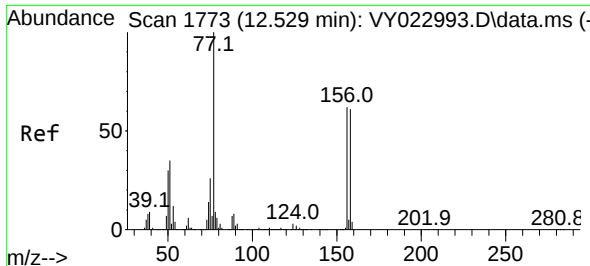
Tgt Ion: 83 Resp: 687614
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 64.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 214.628 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 75 Resp: 923324
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

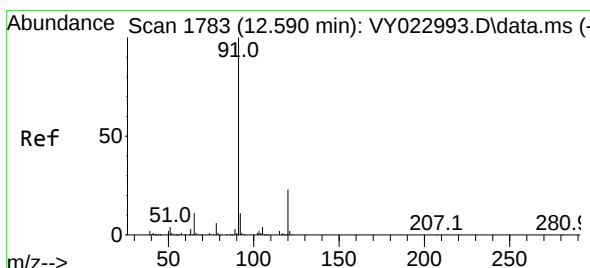
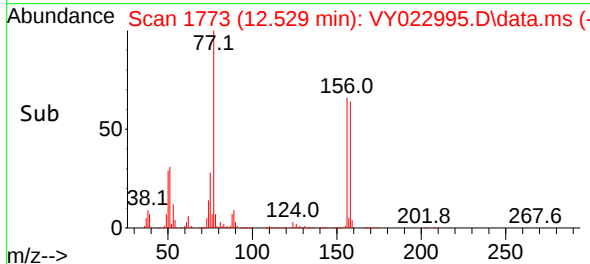
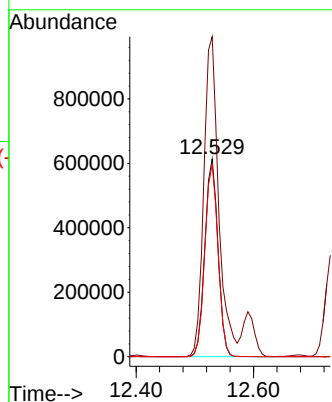
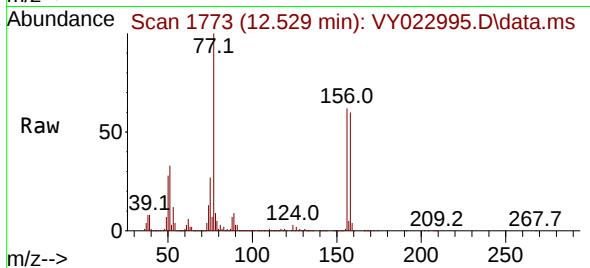




#77
Bromobenzene
Concen: 152.042 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

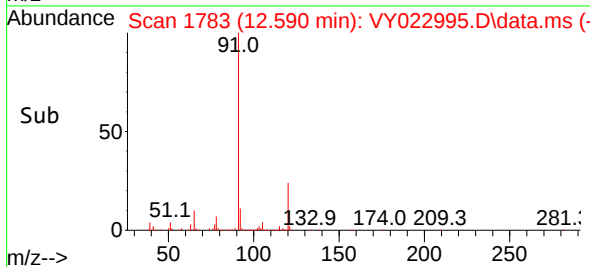
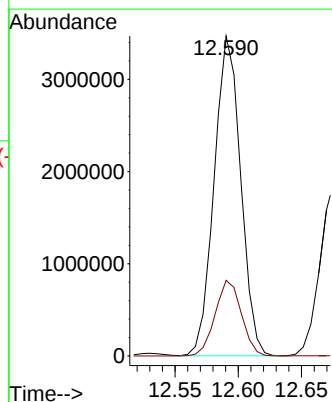
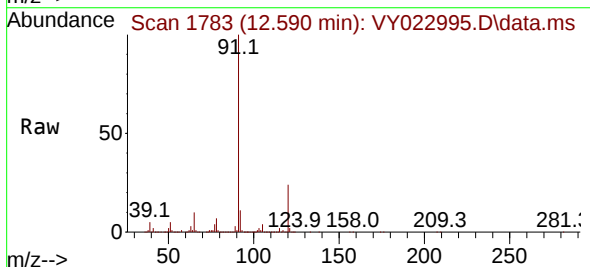
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

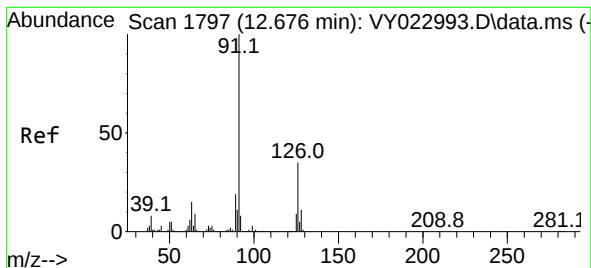
Tgt Ion:156 Resp: 955644
Ion Ratio Lower Upper
156 100
77 182.7 92.0 276.1
158 97.3 48.6 145.9



#78
n-propylbenzene
Concen: 146.282 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 91 Resp: 5048339
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.8

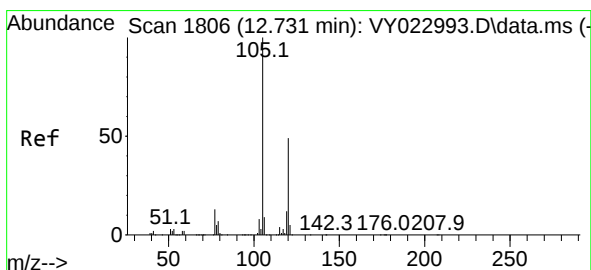
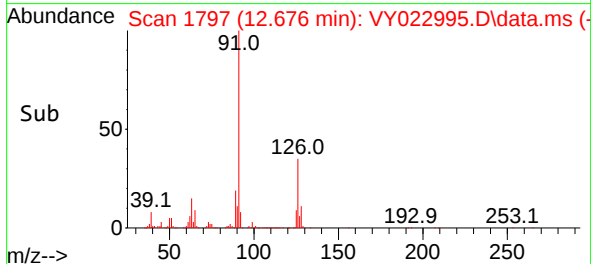
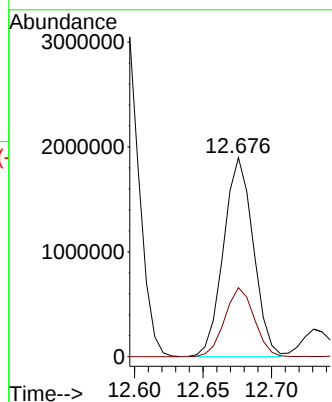
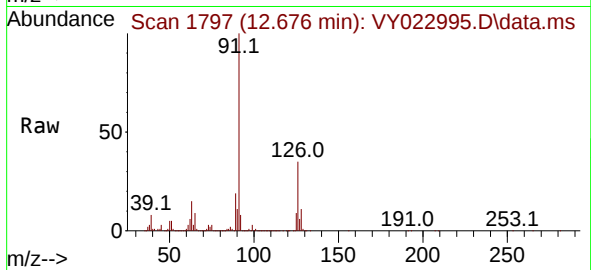




#79
2-Chlorotoluene
Concen: 147.762 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

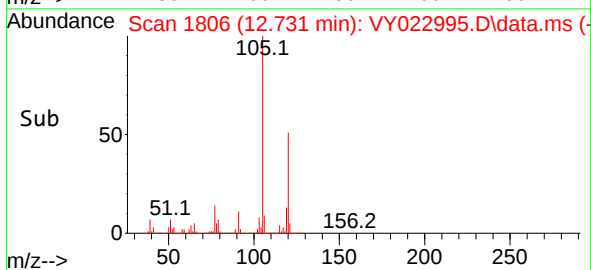
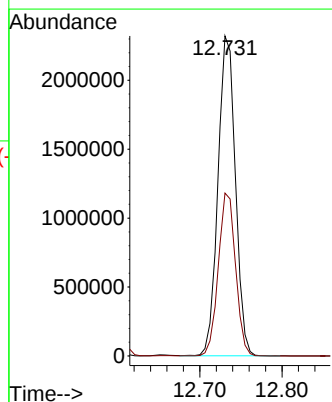
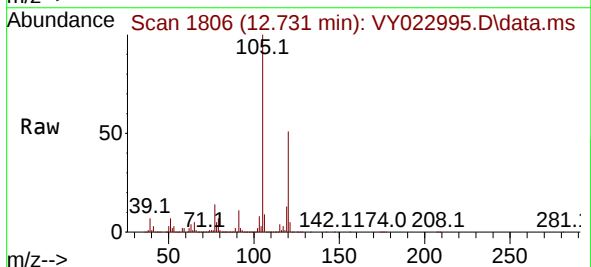
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

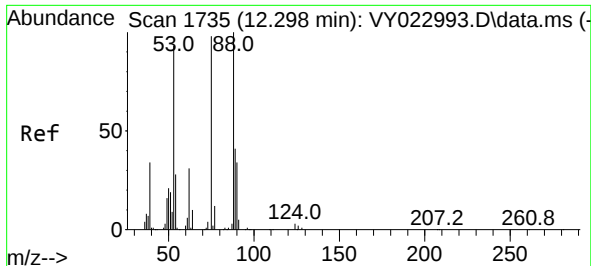
Tgt Ion: 91 Resp: 2867994
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 149.755 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 105 Resp: 3422881
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.8

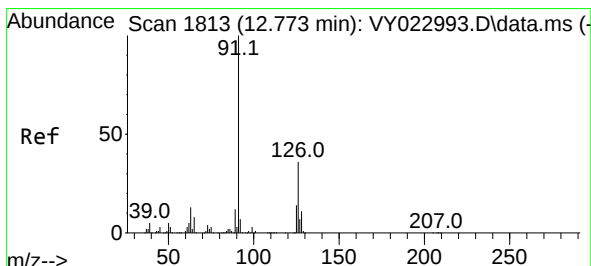
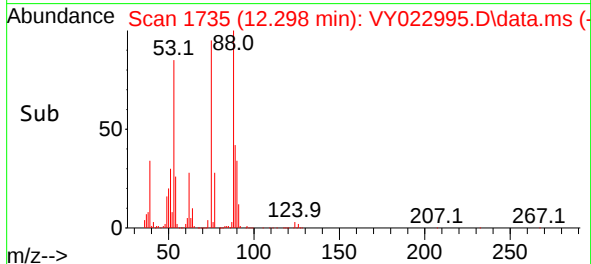
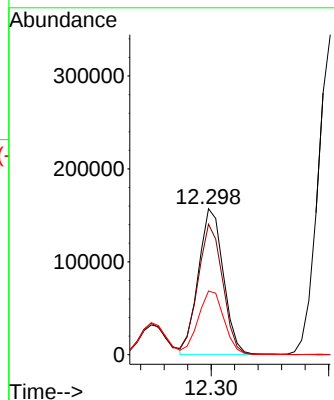
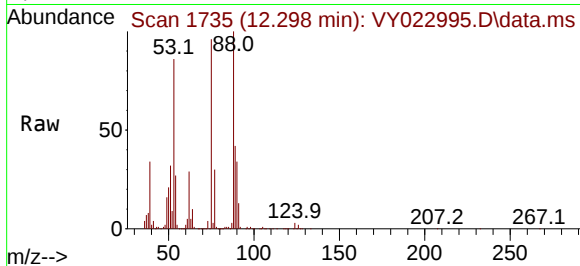




#81
trans-1,4-Dichloro-2-butene
Concen: 161.650 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

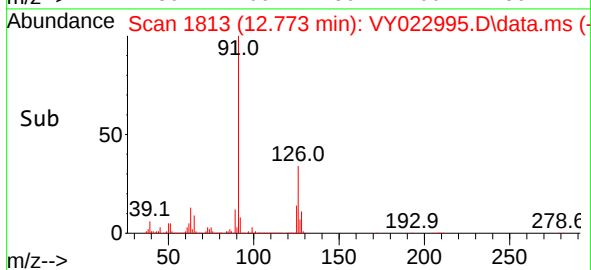
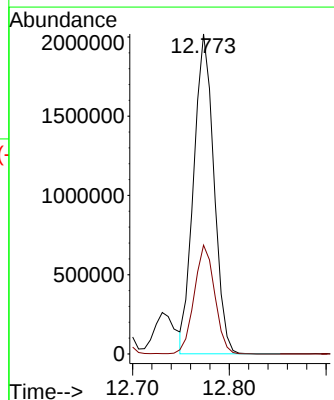
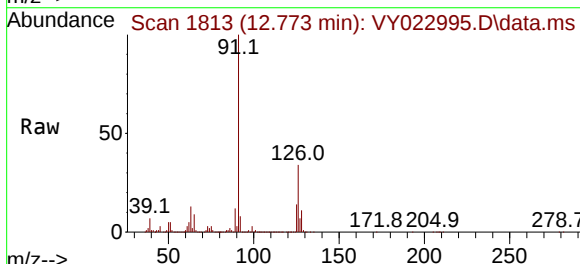
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

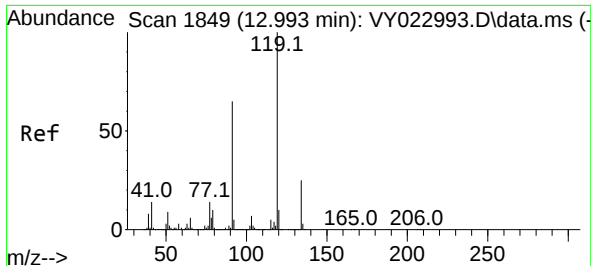
Tgt Ion: 75 Resp: 231166
Ion Ratio Lower Upper
75 100
53 89.1 76.1 114.1
89 45.5 36.1 54.1



#82
4-Chlorotoluene
Concen: 149.351 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 91 Resp: 2923682
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.5

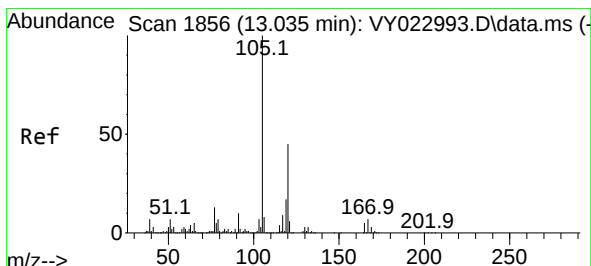
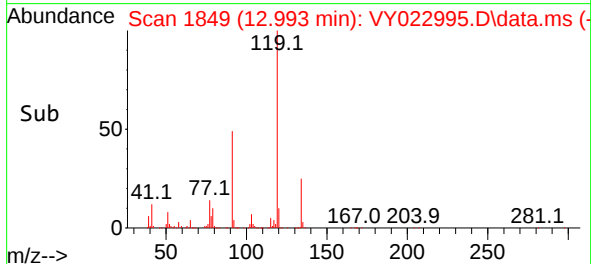
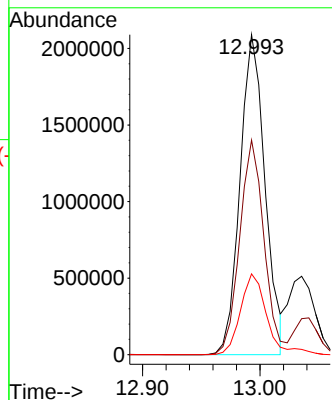
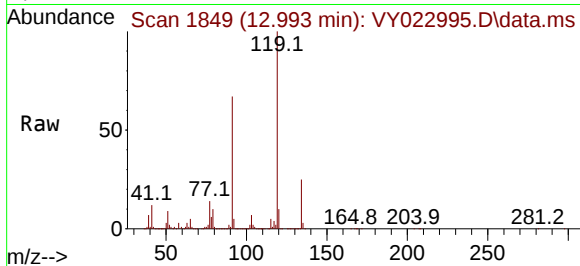




#83
 tert-Butylbenzene
 Concen: 149.676 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

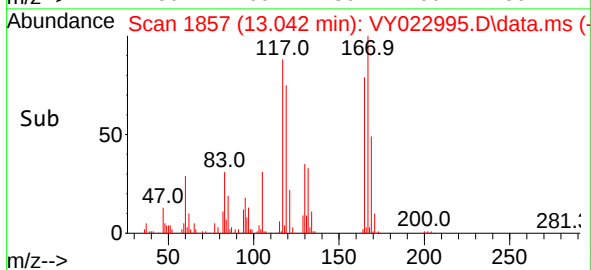
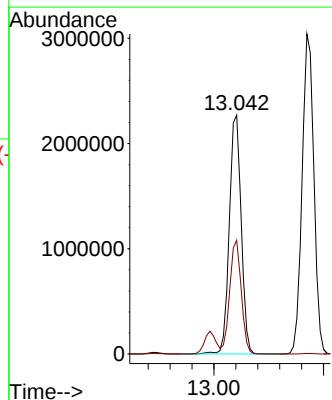
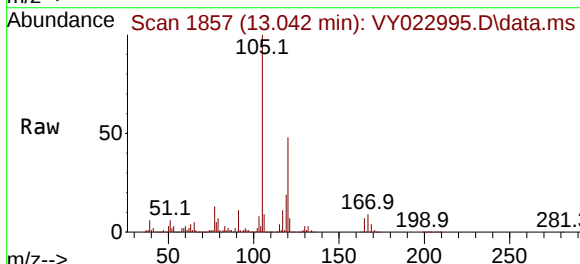
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

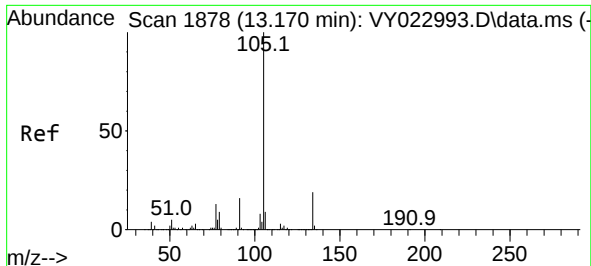
Tgt Ion:119 Resp: 3090226
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.0 96.2
 134 26.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 152.237 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

Tgt Ion:105 Resp: 3425217
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8

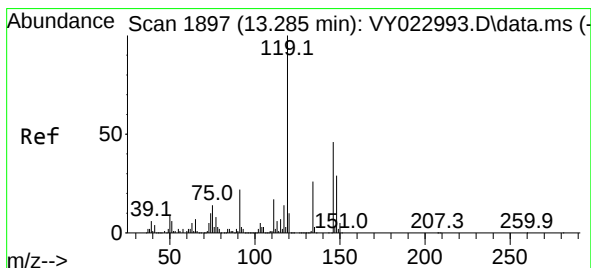
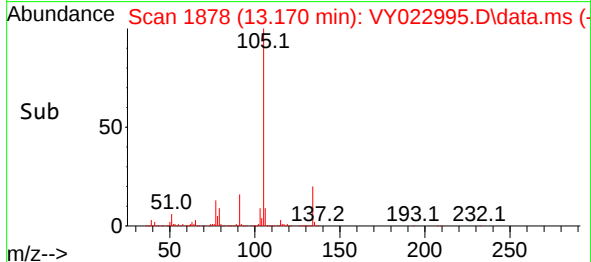
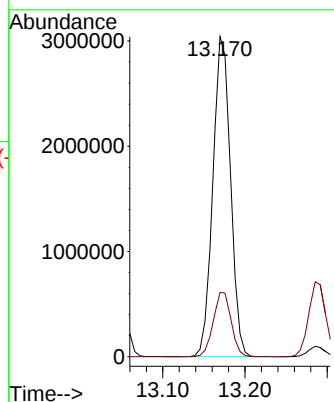
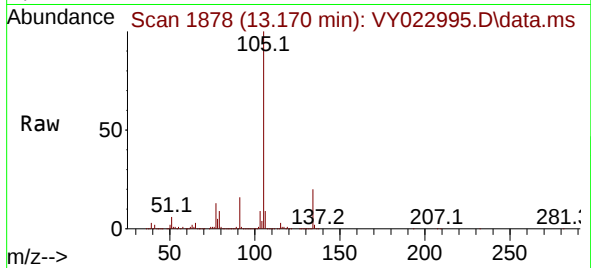




#85
 sec-Butylbenzene
 Concen: 146.212 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

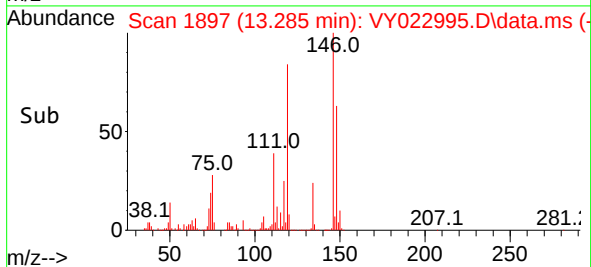
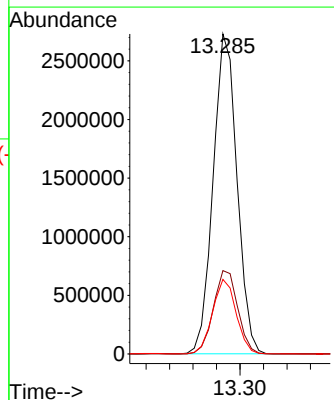
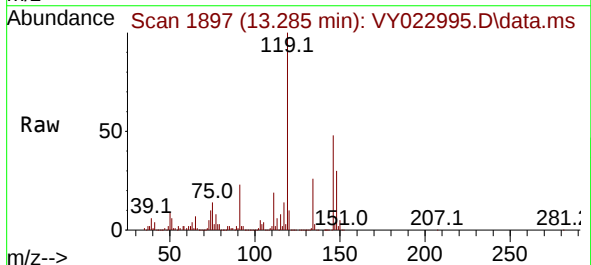
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

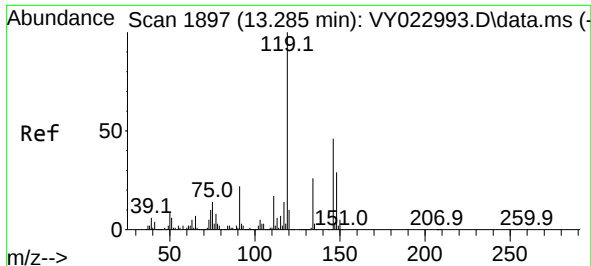
Tgt Ion:105 Resp: 4523782
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 153.178 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

Tgt Ion:119 Resp: 3849059
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 151.247 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

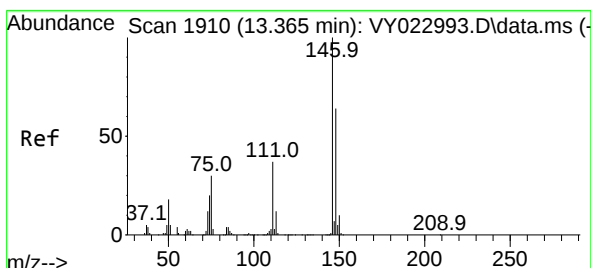
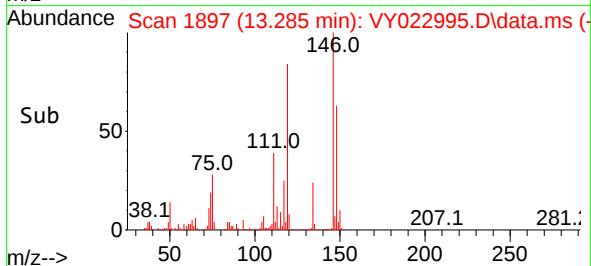
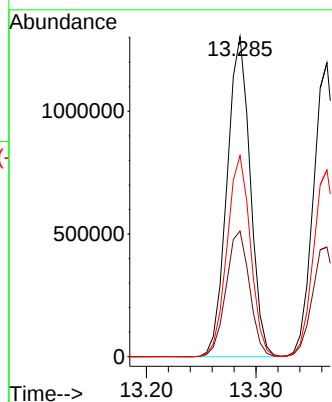
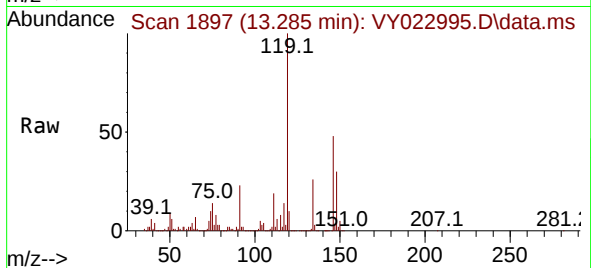
Tgt Ion:146 Resp: 1918495

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.3

148 63.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 147.117 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

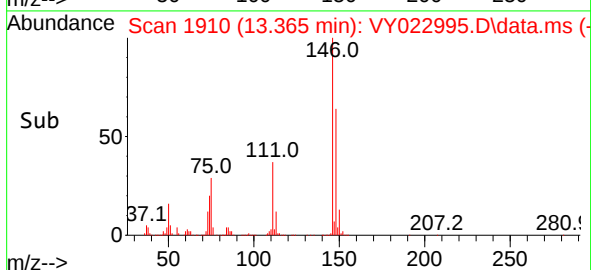
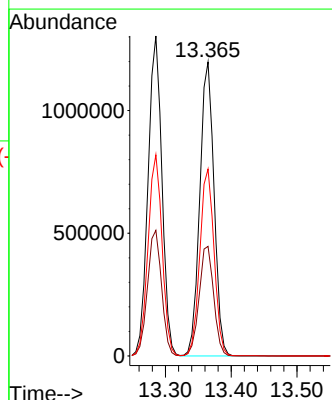
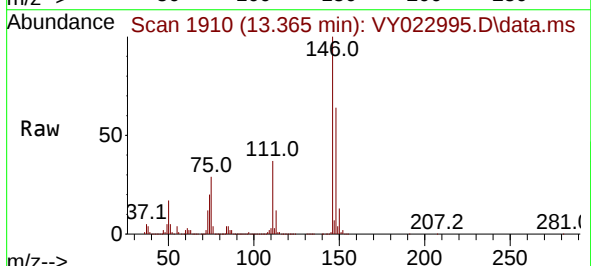
Tgt Ion:146 Resp: 1805316

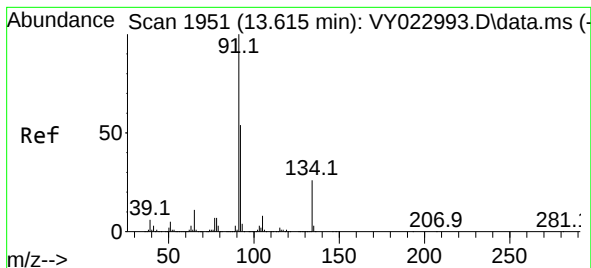
Ion Ratio Lower Upper

146 100

111 37.9 19.2 57.6

148 63.6 31.9 95.5

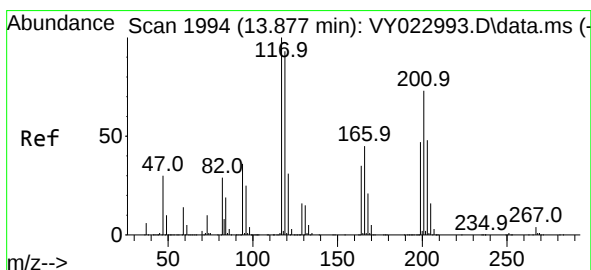
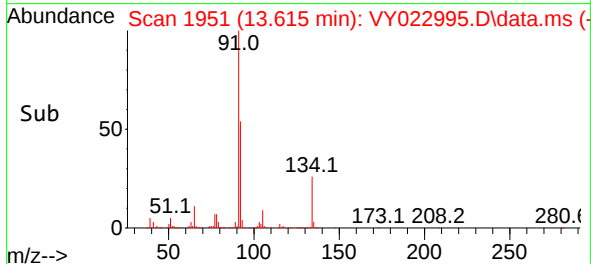
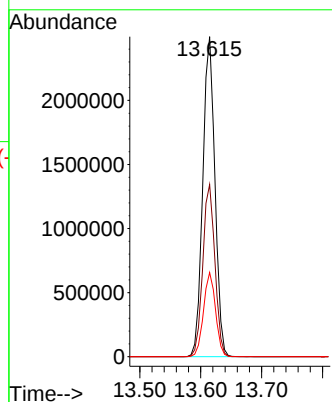
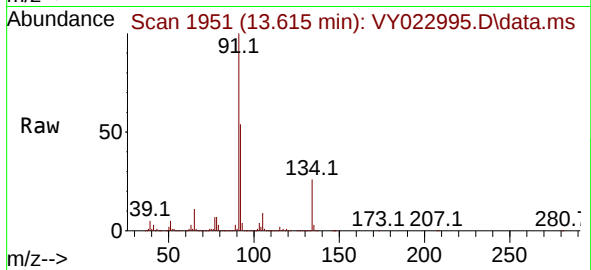




#89
n-Butylbenzene
Concen: 149.387 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

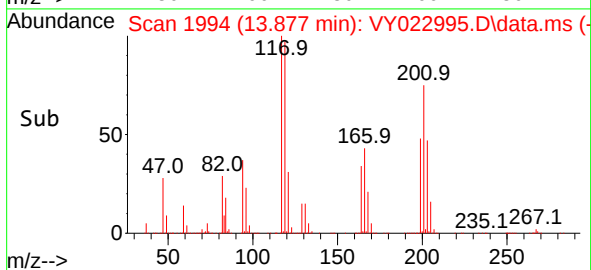
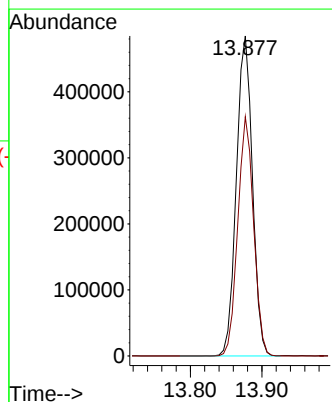
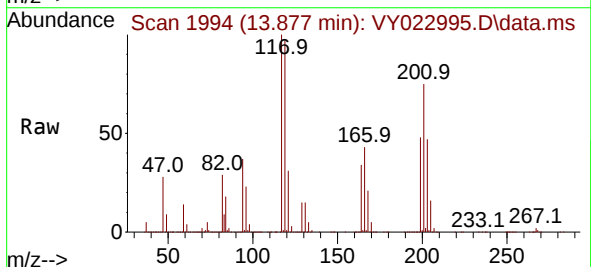
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

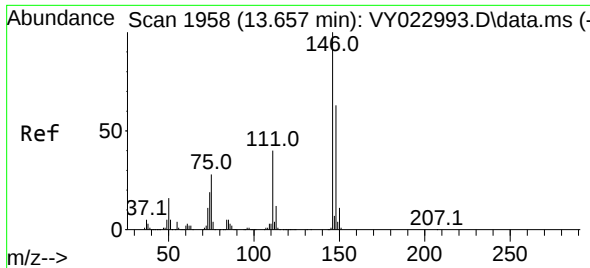
Tgt Ion: 91 Resp: 3463857
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 145.277 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022995.D
Acq: 18 Jul 2025 12:49

Tgt Ion: 117 Resp: 755795
Ion Ratio Lower Upper
117 100
201 73.8 36.1 108.5



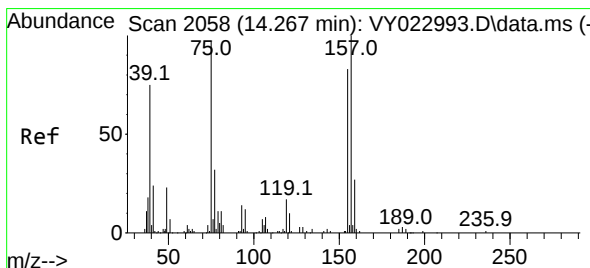
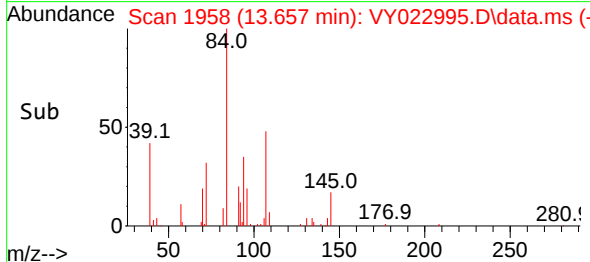
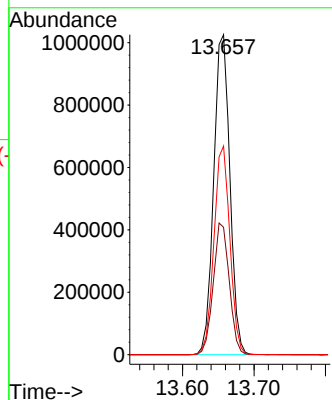
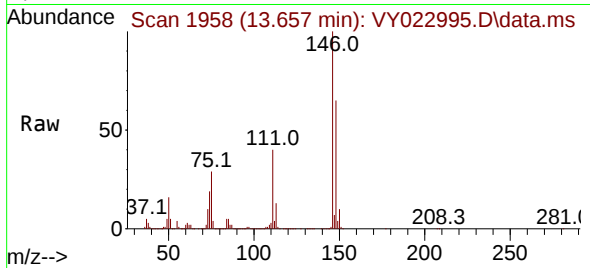


#91
 1,2-Dichlorobenzene
 Concen: 150.536 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1610657

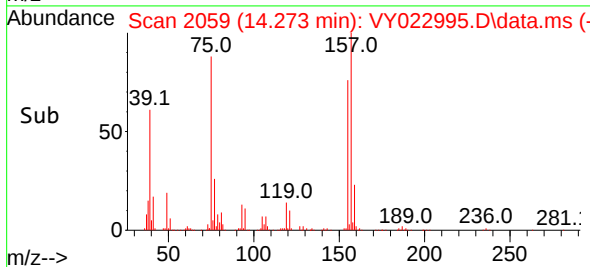
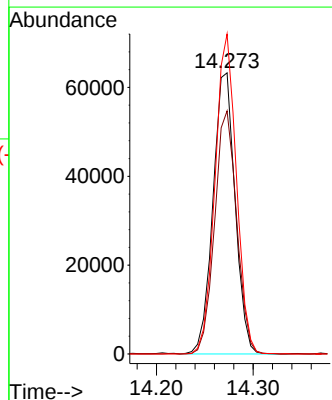
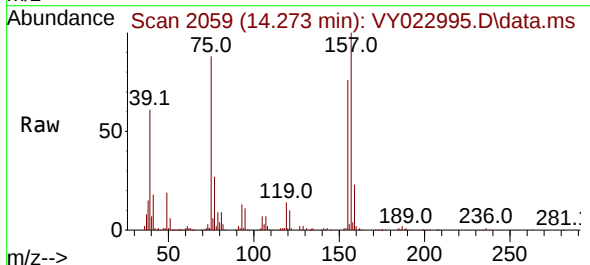
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.1	32.0	96.2

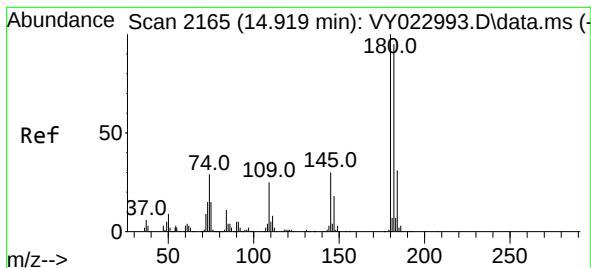


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 161.332 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY022995.D
 Acq: 18 Jul 2025 12:49

Tgt Ion: 75 Resp: 100462

Ion	Ratio	Lower	Upper
75	100		
155	86.2	42.8	128.3
157	109.7	54.3	162.9





#93

1,2,4-Trichlorobenzene

Concen: 157.179 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

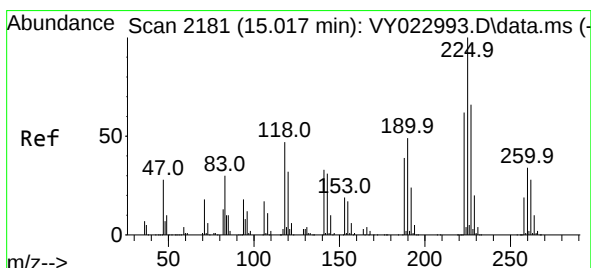
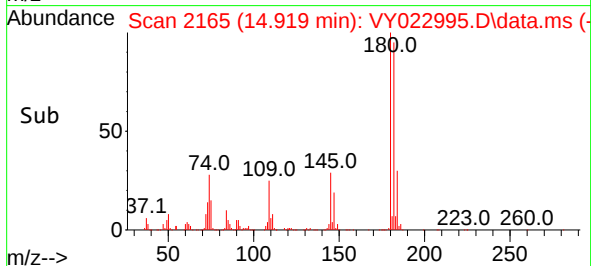
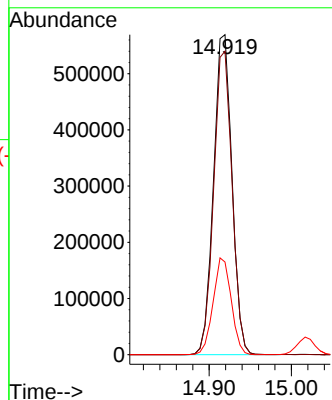
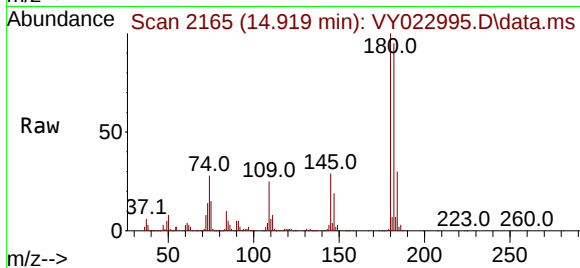
Tgt Ion:180 Resp: 886472

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 29.8 14.9 44.9



#94

Hexachlorobutadiene

Concen: 135.733 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

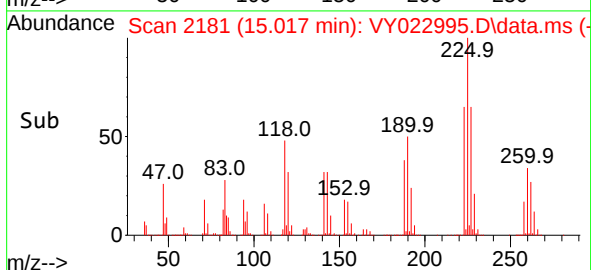
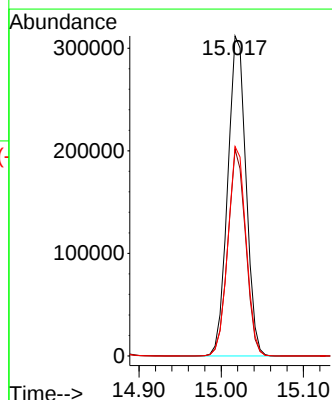
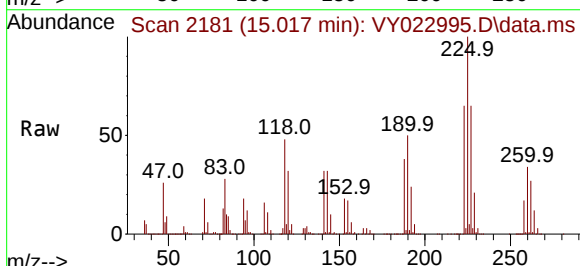
Tgt Ion:225 Resp: 482621

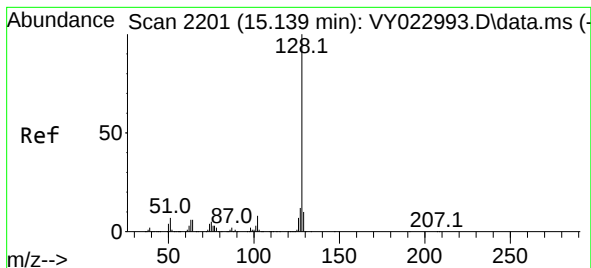
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.0

227 65.0 32.1 96.5





#95

Naphthalene

Concen: 180.758 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

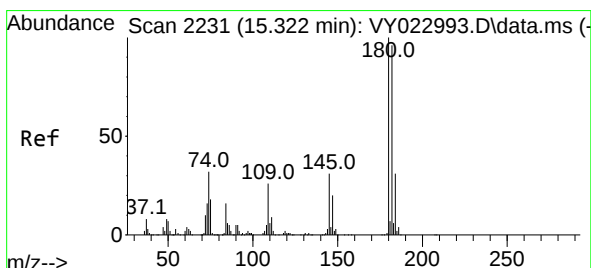
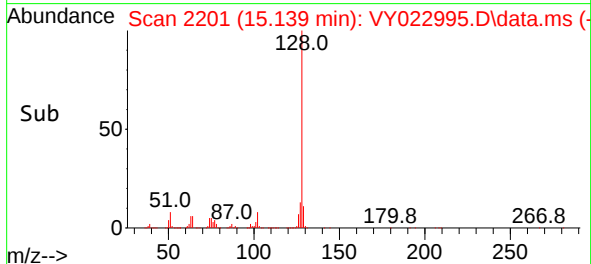
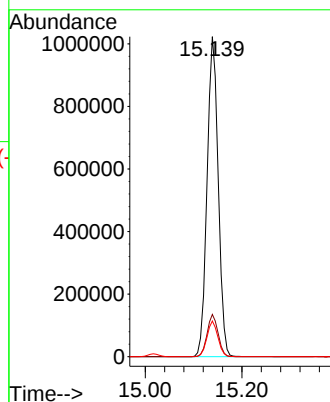
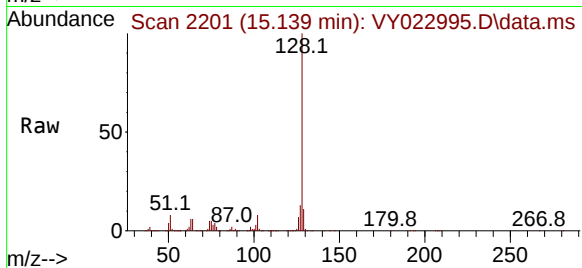
Tgt Ion:128 Resp: 1635113

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 158.643 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY022995.D

Acq: 18 Jul 2025 12:49

Tgt Ion:180 Resp: 738766

Ion Ratio Lower Upper

180 100

182 95.5 47.3 142.0

145 31.4 15.8 47.4

