

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023231.D
 Acq On : 28 Aug 2025 17:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 02:13:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	446649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	693822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	621726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	331319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200581	47.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.240%
35) Dibromofluoromethane	7.634	113	210357	50.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.103	98	815332	50.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.401	95	264473	50.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	132369	36.307	ug/l	99
3) Chloromethane	2.068	50	239482	40.556	ug/l	100
4) Vinyl Chloride	2.202	62	307449	42.120	ug/l	98
5) Bromomethane	2.592	94	237968	43.653	ug/l	100
6) Chloroethane	2.732	64	219286	45.187	ug/l	97
7) Trichlorofluoromethane	3.056	101	376339	42.401	ug/l	99
8) Diethyl Ether	3.452	74	102201	43.523	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	193052	44.088	ug/l	98
10) Methyl Iodide	4.007	142	230098	48.697	ug/l	99
11) Tert butyl alcohol	4.860	59	62921	215.722	ug/l	99
12) 1,1-Dichloroethene	3.787	96	188129	43.709	ug/l	89
13) Acrolein	3.647	56	23739	55.574	ug/l	99
14) Allyl chloride	4.385	41	256509	40.502	ug/l	98
15) Acrylonitrile	5.055	53	217263	227.579	ug/l	98
16) Acetone	3.866	43	164169	178.013	ug/l	99
17) Carbon Disulfide	4.104	76	576542	41.082	ug/l	98
18) Methyl Acetate	4.379	43	133599	48.681	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	494127	44.304	ug/l	100
20) Methylene Chloride	4.616	84	229835	47.843	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	220897	45.669	ug/l	94
22) Diisopropyl ether	6.018	45	602617	43.788	ug/l	97
23) Vinyl Acetate	5.958	43	1589465	208.872	ug/l	99
24) 1,1-Dichloroethane	5.915	63	381900	45.389	ug/l	100
25) 2-Butanone	6.890	43	255296	203.542	ug/l	96
26) 2,2-Dichloropropane	6.884	77	302803	41.707	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	262283	46.905	ug/l	94
28) Bromochloromethane	7.244	49	164636	49.319	ug/l	92
29) Tetrahydrofuran	7.262	42	169571	218.107	ug/l	96
30) Chloroform	7.421	83	411287	47.396	ug/l	98
31) Cyclohexane	7.701	56	310099	39.110	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	351959	45.711	ug/l	99
36) 1,1-Dichloropropene	7.835	75	280837	45.517	ug/l	99
37) Ethyl Acetate	6.982	43	115435	44.539	ug/l	98
38) Carbon Tetrachloride	7.817	117	314329	46.906	ug/l	97
39) Methylcyclohexane	9.109	83	354831	43.672	ug/l	96
40) Benzene	8.079	78	896400	47.138	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	59491	39.773	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	227788	46.057	ug/l	98
43) Isopropyl Acetate	8.195	43	229347	43.781	ug/l #	84
44) Trichloroethene	8.866	130	246893	50.240	ug/l	99
45) 1,2-Dichloropropane	9.140	63	205421	46.948	ug/l	99
46) Dibromomethane	9.231	93	125465	49.958	ug/l	99
47) Bromodichloromethane	9.426	83	314564	48.678	ug/l	99
48) Methyl methacrylate	9.219	41	111204	44.363	ug/l	94
49) 1,4-Dioxane	9.225	88	27842	945.499	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	620561	229.656	ug/l	98
52) Toluene	10.170	92	581685	48.161	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	269759	46.099	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	318274	45.996	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	165046	49.114	ug/l	99
56) Ethyl methacrylate	10.438	69	202535	47.100	ug/l	97
57) 1,3-Dichloropropane	10.713	76	273717	48.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	528860	260.733	ug/l	97
59) 2-Hexanone	10.762	43	412899	224.406	ug/l	100
60) Dibromochloromethane	10.908	129	227234	51.246	ug/l	99
61) 1,2-Dibromoethane	11.011	107	155901	49.359	ug/l	99
64) Tetrachloroethene	10.646	164	312038	56.207	ug/l	98
65) Chlorobenzene	11.438	112	642550	47.913	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	225048	49.445	ug/l	98
67) Ethyl Benzene	11.517	91	1087395	47.117	ug/l	98
68) m/p-Xylenes	11.627	106	869083	96.419	ug/l	96
69) o-Xylene	11.950	106	406808	48.188	ug/l	99
70) Styrene	11.969	104	687228	49.778	ug/l	98
71) Bromoform	12.127	173	131954	49.605	ug/l #	98
73) Isopropylbenzene	12.255	105	1051372	44.961	ug/l	100
74) N-amyl acetate	12.066	43	197614	39.849	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	158763	39.762	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	233219	72.936	ug/l #	100
77) Bromobenzene	12.530	156	255884	45.868	ug/l	96
78) n-propylbenzene	12.590	91	1246318	44.767	ug/l	98
79) 2-Chlorotoluene	12.676	91	713718	44.743	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	859583	45.483	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	53977	40.862	ug/l	98
82) 4-Chlorotoluene	12.773	91	730716	44.158	ug/l	98
83) tert-Butylbenzene	12.993	119	770738	45.155	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	860718	45.751	ug/l	99
85) sec-Butylbenzene	13.170	105	1139199	45.434	ug/l	100
86) p-Isopropyltoluene	13.285	119	962687	46.255	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	502415	45.668	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	498134	45.645	ug/l	99
89) n-Butylbenzene	13.615	91	851525	44.547	ug/l	99
90) Hexachloroethane	13.877	117	197894	46.448	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	449674	46.607	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26668	42.898	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	256106	44.887	ug/l	98
94) Hexachlorobutadiene	15.023	225	154939	46.212	ug/l	99
95) Naphthalene	15.139	128	442540	45.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	224782	45.720	ug/l	99

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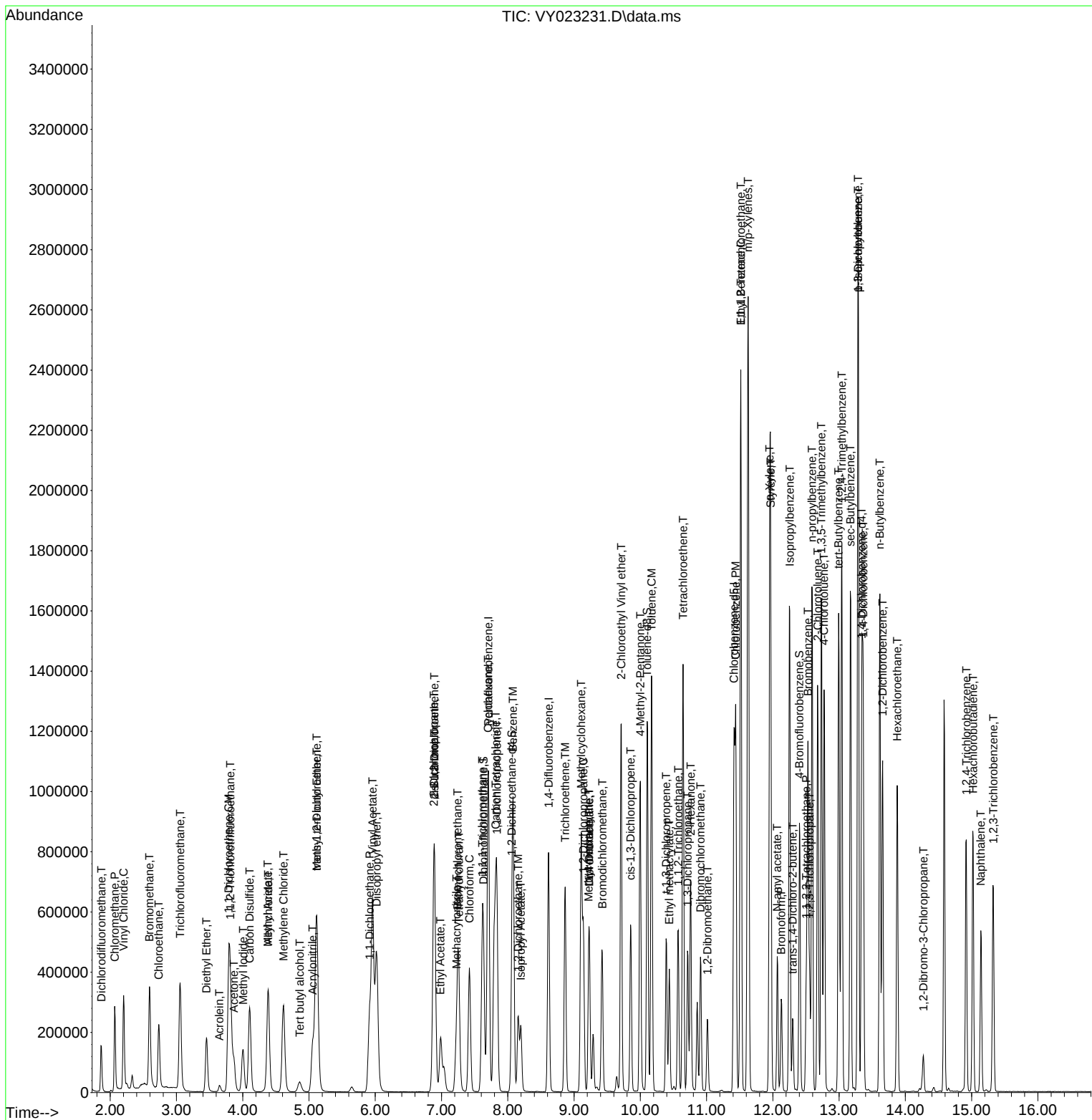
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

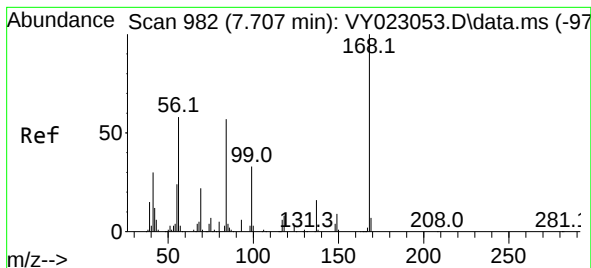
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023231.D

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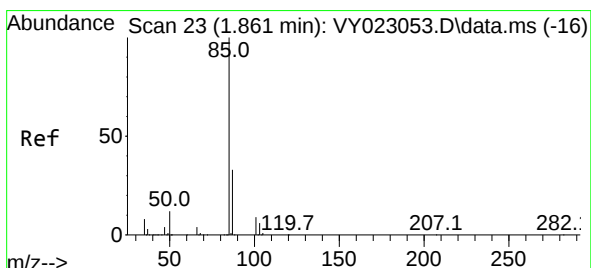
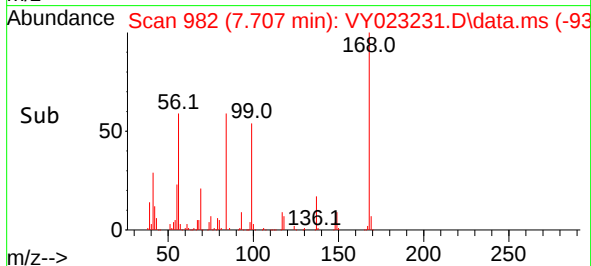
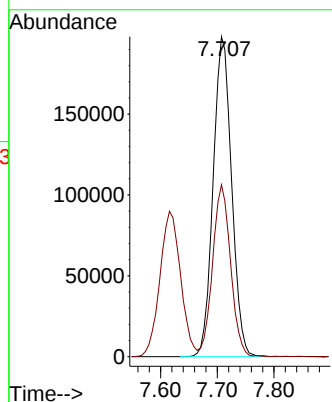
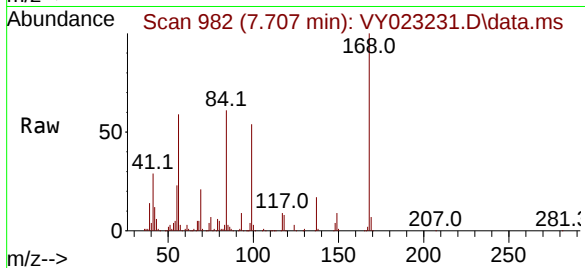
VSTDCCC050EC

Tgt Ion:168 Resp: 446649

Ion Ratio Lower Upper

168 100

99 53.6 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 36.307 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023231.D

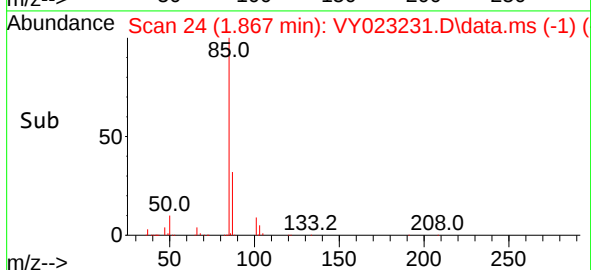
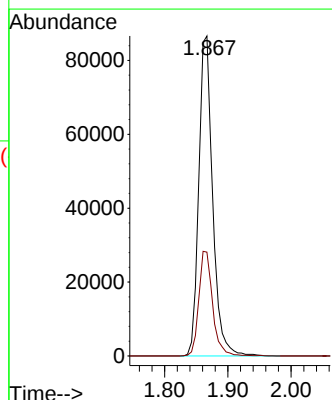
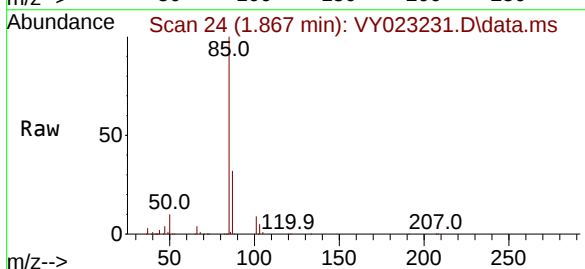
Acq: 28 Aug 2025 17:01

Tgt Ion: 85 Resp: 132369

Ion Ratio Lower Upper

85 100

87 32.4 16.6 49.8

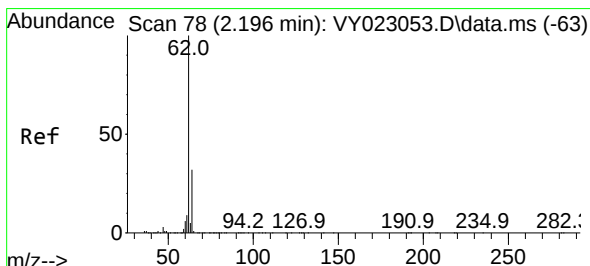
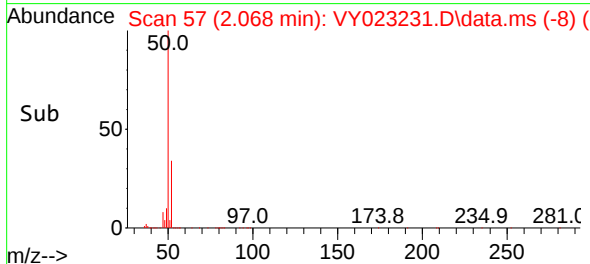
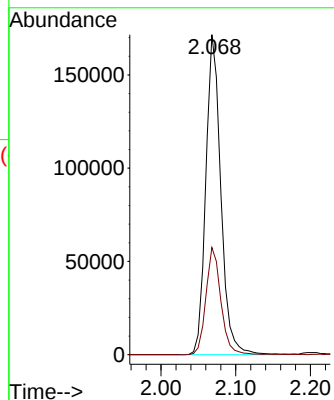
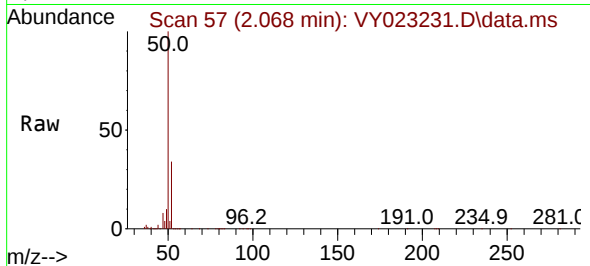




#3
Chloromethane
Concen: 40.556 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023231.D
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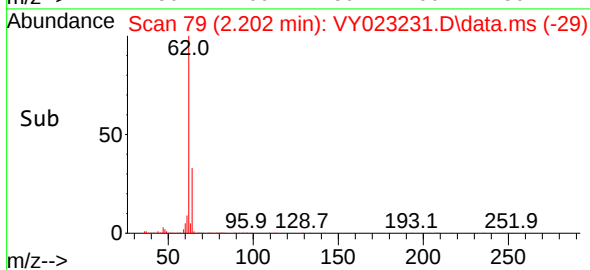
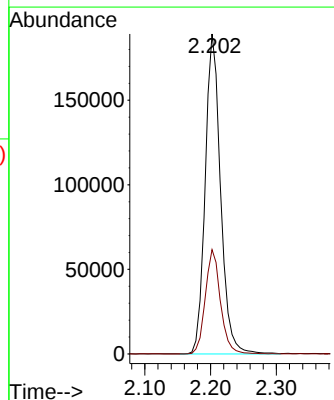
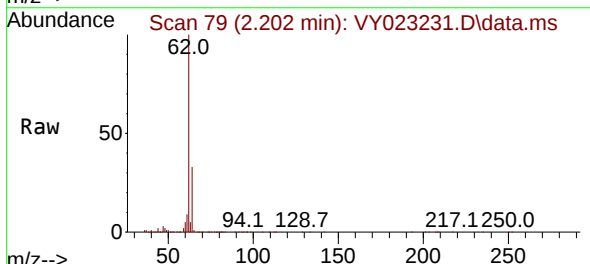
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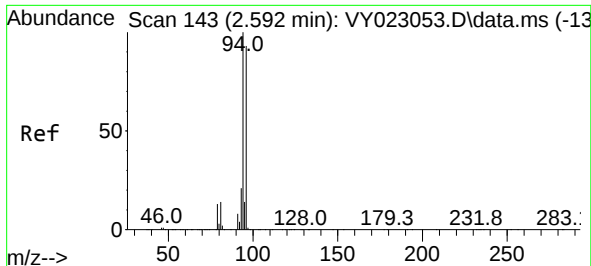
Tgt Ion: 50 Resp: 239482
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1



#4
Vinyl Chloride
Concen: 42.120 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 62 Resp: 307449
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

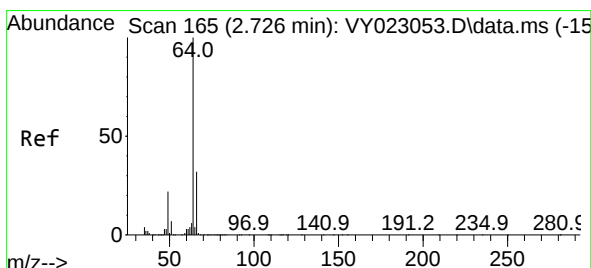
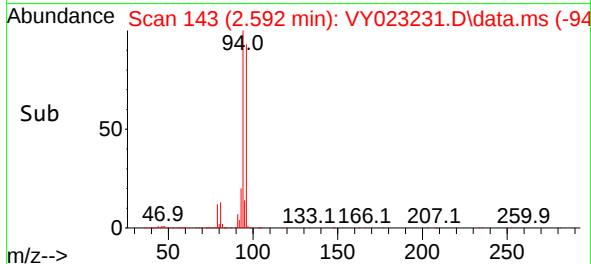
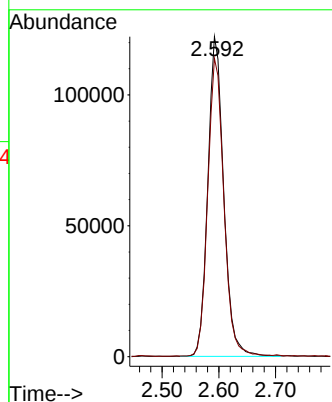
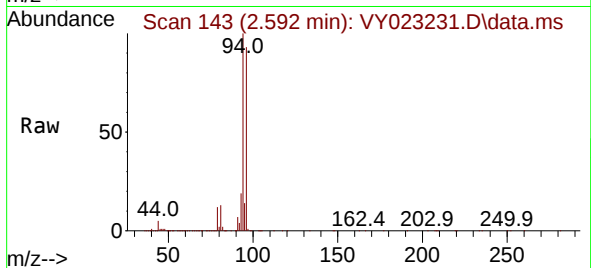




#5
Bromomethane
Concen: 43.653 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

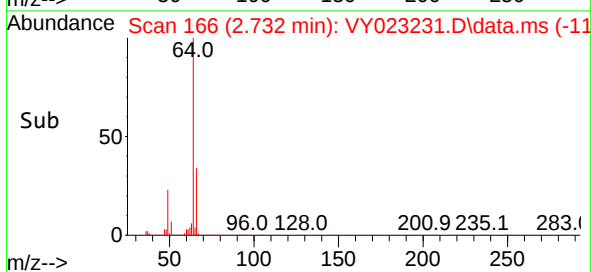
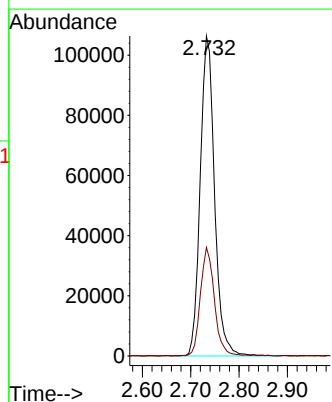
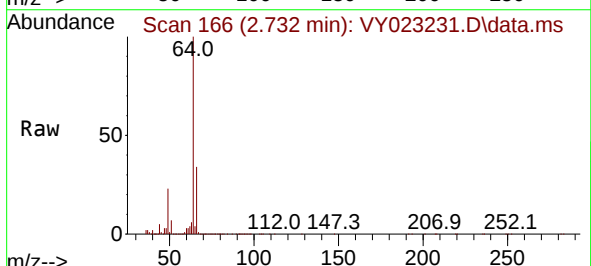
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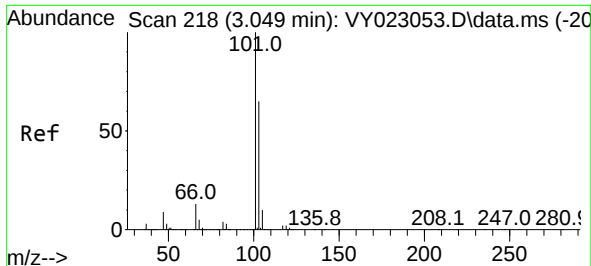
Tgt Ion: 94 Resp: 237968
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0



#6
Chloroethane
Concen: 45.187 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 64 Resp: 219286
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.6

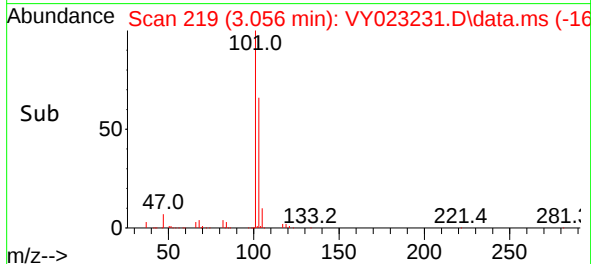
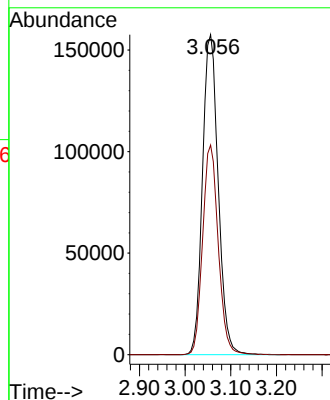
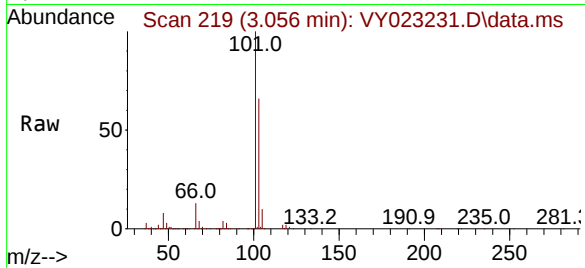




#7
Trichlorofluoromethane
Concen: 42.401 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

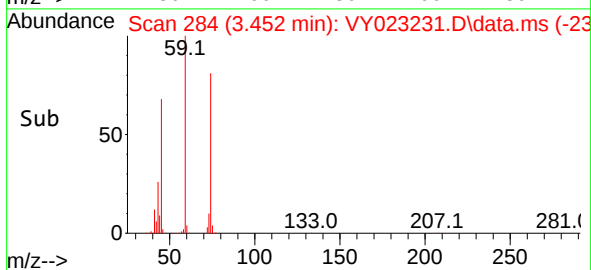
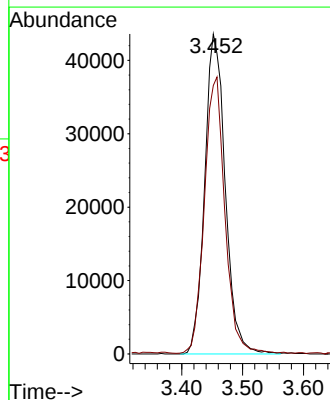
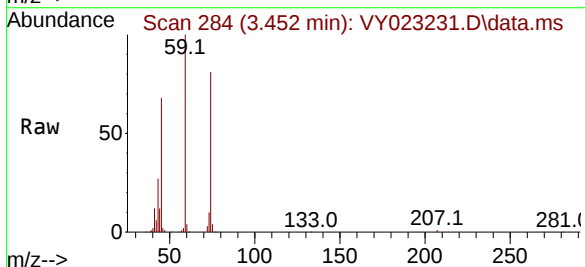
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 376339
Ion Ratio Lower Upper
101 100
103 65.5 51.9 77.9



#8
Diethyl Ether
Concen: 43.523 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 74 Resp: 102201
Ion Ratio Lower Upper
74 100
45 86.2 44.4 133.2

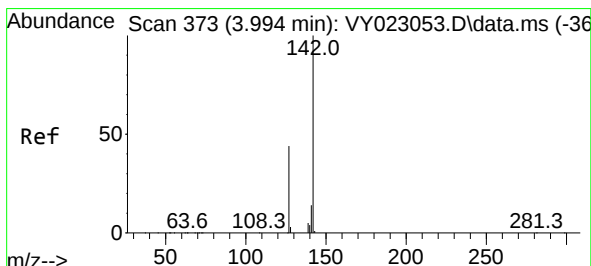
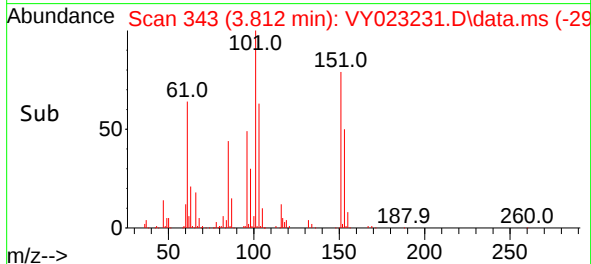
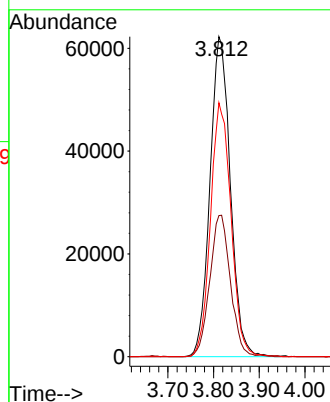
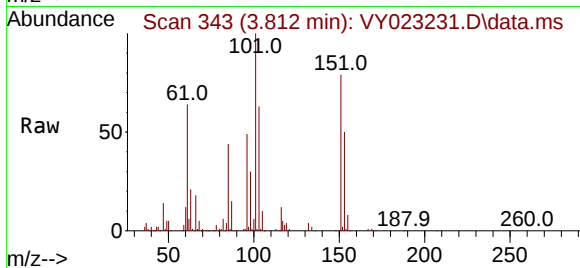




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.088 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023231.D
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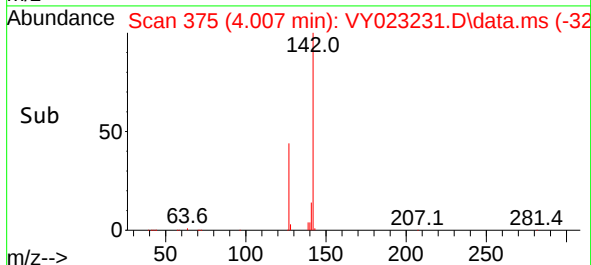
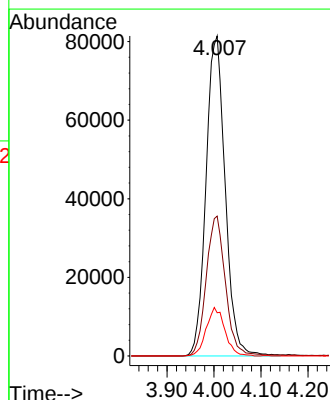
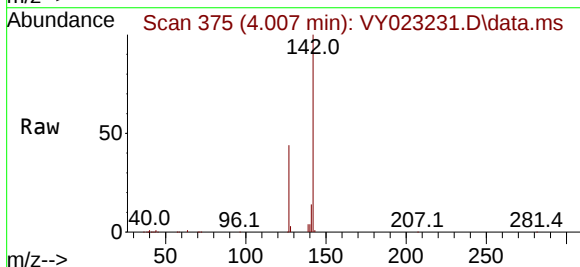
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 193052
Ion Ratio Lower Upper
101 100
85 44.8 36.3 54.5
151 79.8 61.5 92.3



#10
Methyl Iodide
Concen: 48.697 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion:142 Resp: 230098
Ion Ratio Lower Upper
142 100
127 44.1 34.9 52.3
141 14.7 11.3 16.9

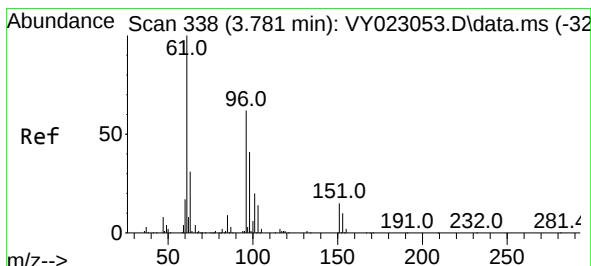
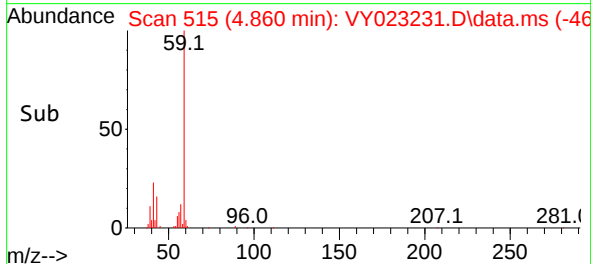
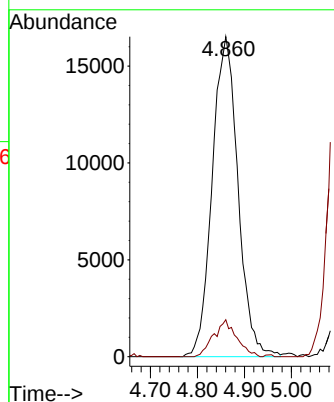
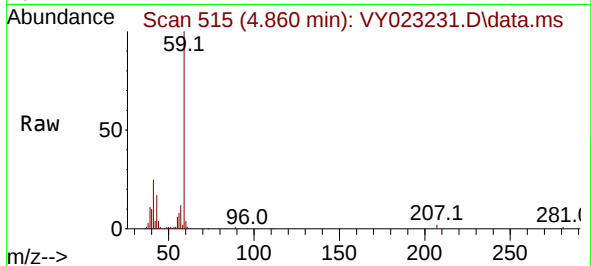




#11
Tert butyl alcohol
Concen: 215.722 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

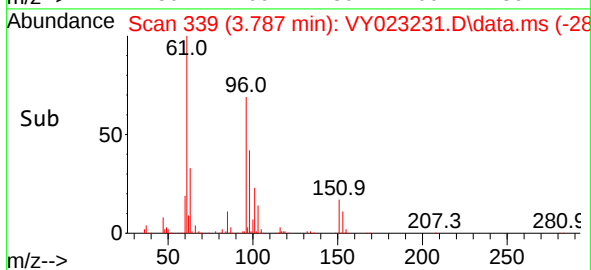
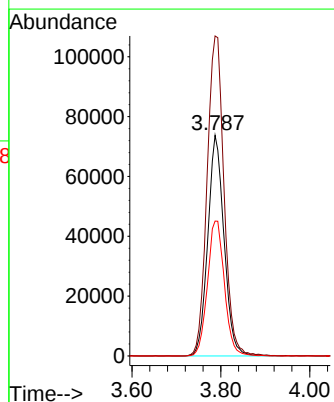
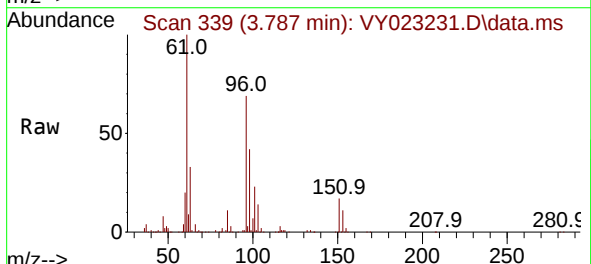
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 62921
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 43.709 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 96 Resp: 188129
Ion Ratio Lower Upper
96 100
61 145.0 129.4 194.2
98 61.2 52.8 79.2

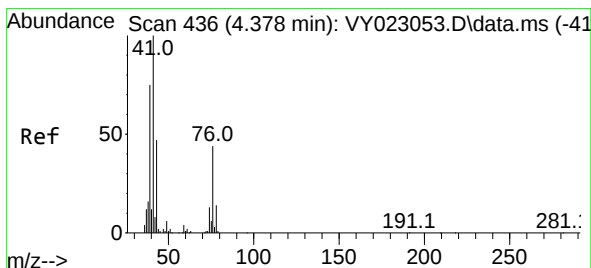
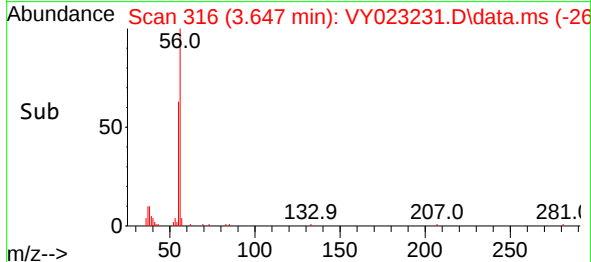
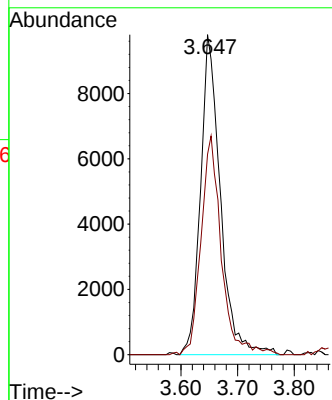
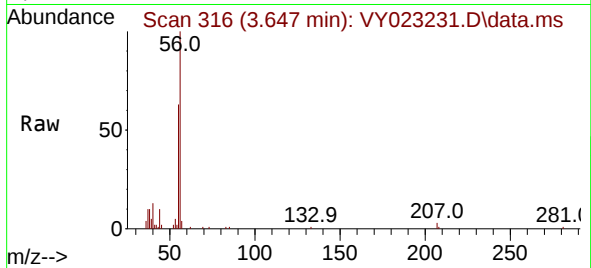




#13
Acrolein
Concen: 55.574 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

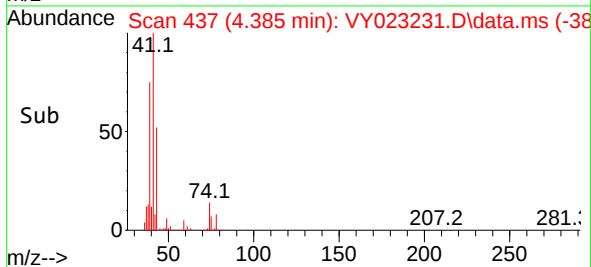
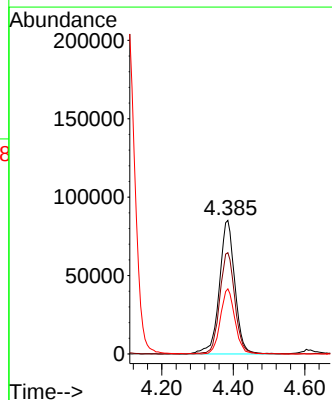
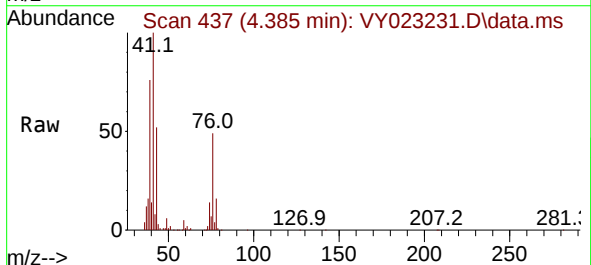
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

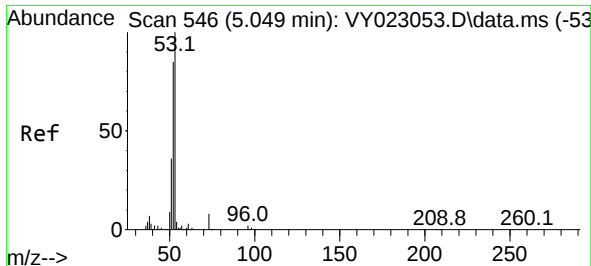
Tgt Ion: 56 Resp: 23739
Ion Ratio Lower Upper
56 100
55 70.1 55.2 82.8



#14
Allyl chloride
Concen: 40.502 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 41 Resp: 256509
Ion Ratio Lower Upper
41 100
39 74.7 59.8 89.6
76 45.7 33.7 50.5

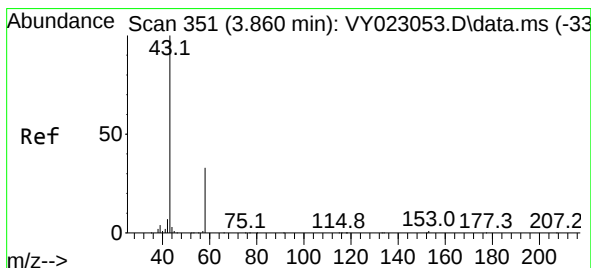
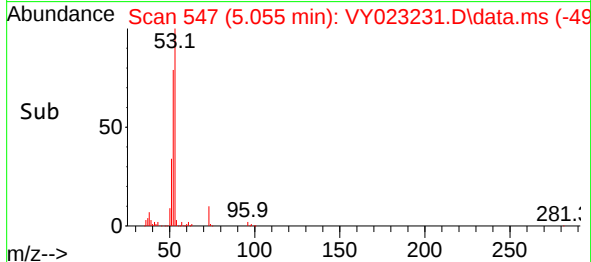
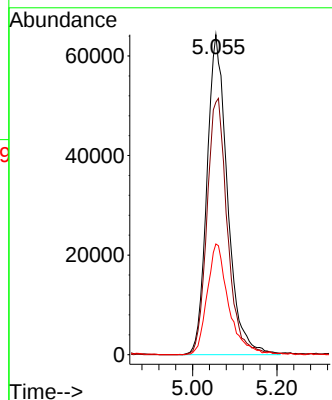
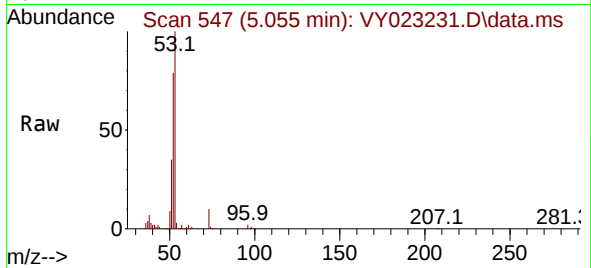




#15
Acrylonitrile
Concen: 227.579 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

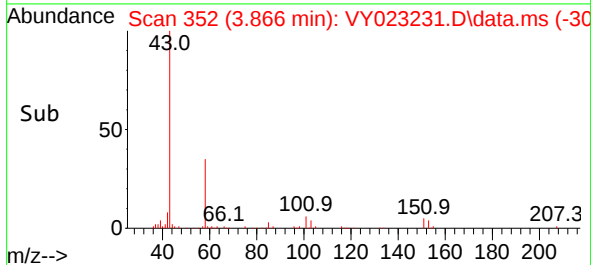
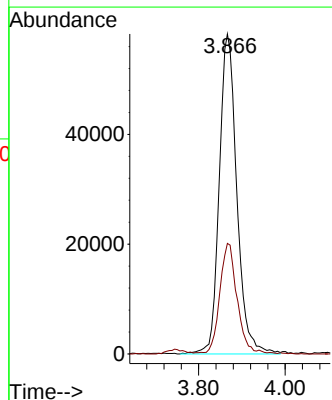
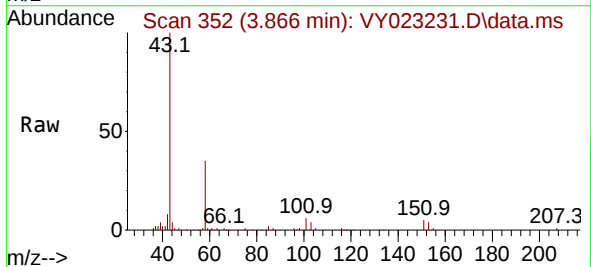
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 217263
Ion Ratio Lower Upper
53 100
52 79.7 65.3 97.9
51 36.1 29.5 44.3



#16
Acetone
Concen: 178.013 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 43 Resp: 164169
Ion Ratio Lower Upper
43 100
58 34.2 27.1 40.7

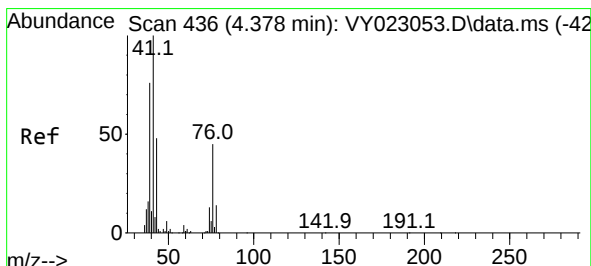
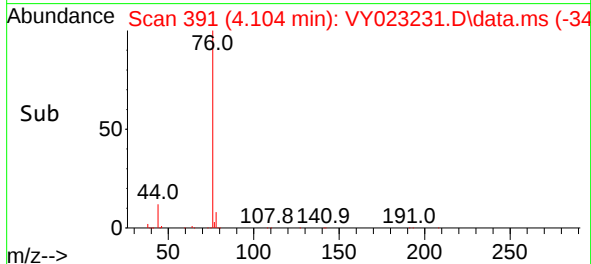
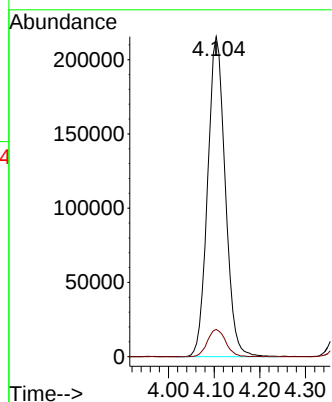
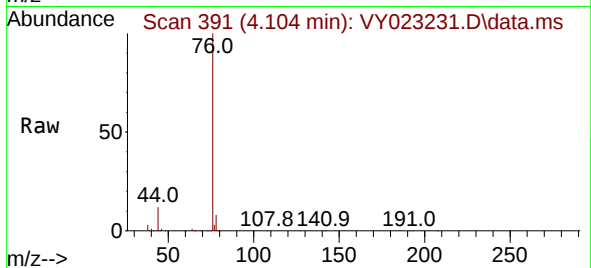




#17
Carbon Disulfide
Concen: 41.082 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

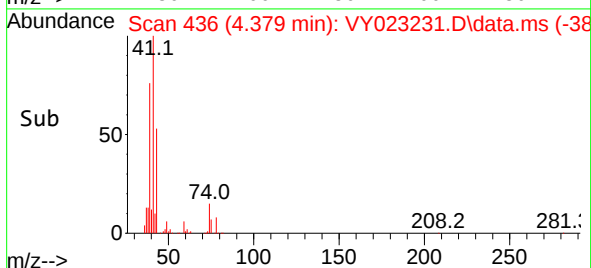
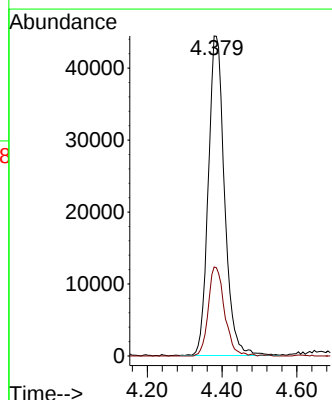
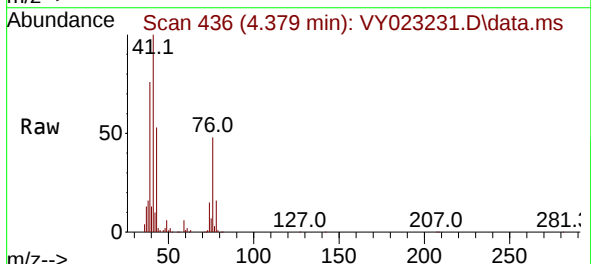
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 576542
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 48.681 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 43 Resp: 133599
Ion Ratio Lower Upper
43 100
74 27.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 44.304 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

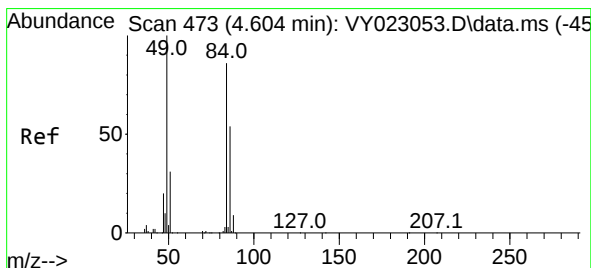
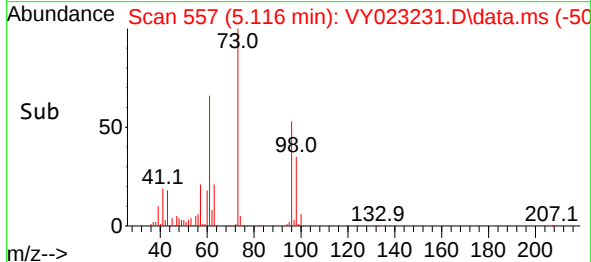
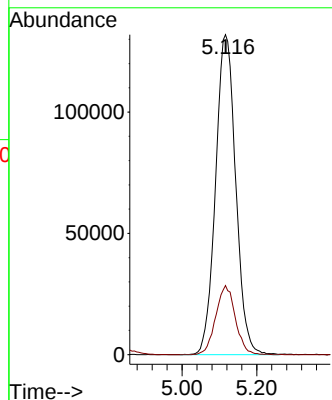
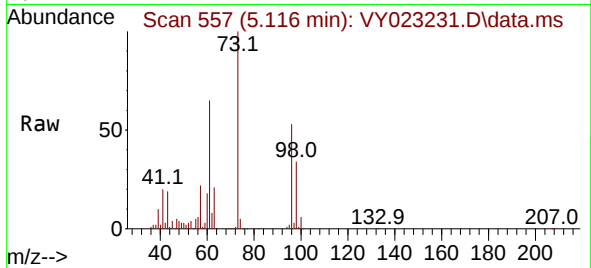
VSTDCCC050EC

Tgt Ion: 73 Resp: 494127

Ion Ratio Lower Upper

73 100

57 21.6 17.1 25.7



#20

Methylene Chloride

Concen: 47.843 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Tgt Ion: 84 Resp: 229835

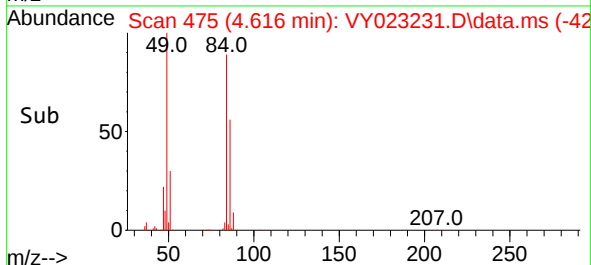
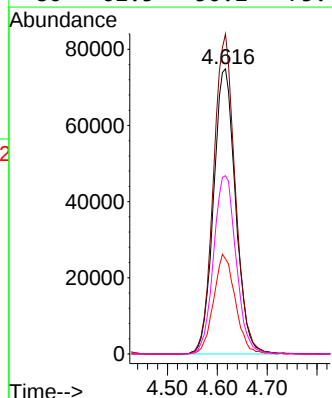
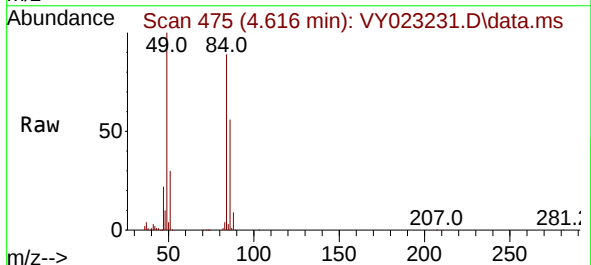
Ion Ratio Lower Upper

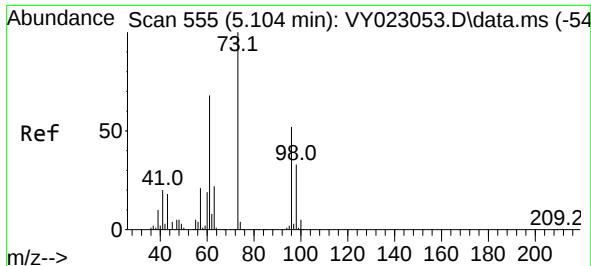
84 100

49 112.2 93.0 139.6

51 33.3 29.0 43.4

86 62.5 50.2 75.4

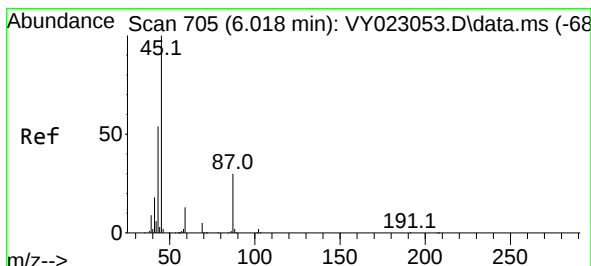
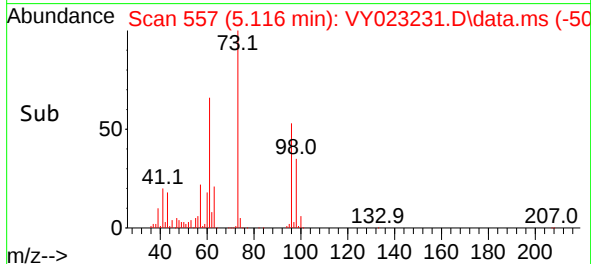
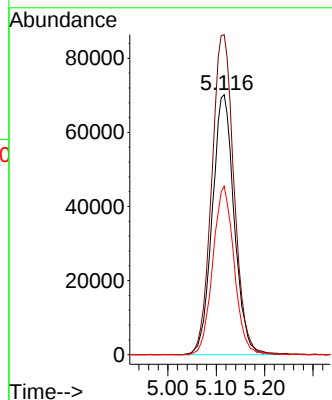
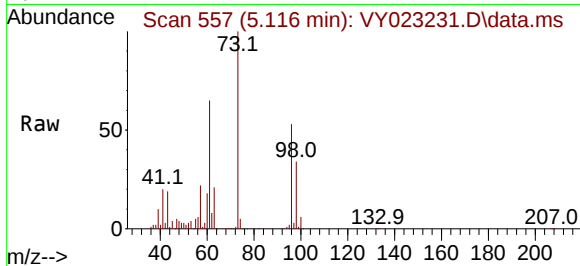




#21
trans-1,2-Dichloroethene
Concen: 45.669 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

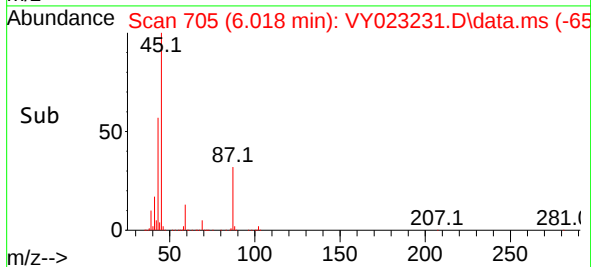
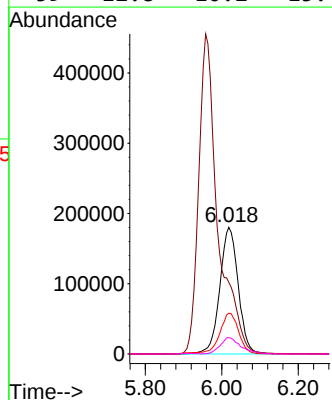
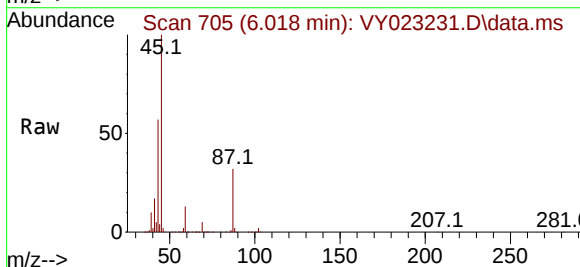
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 220897
Ion Ratio Lower Upper
96 100
61 123.1 104.8 157.2
98 64.8 50.1 75.1



#22
Diisopropyl ether
Concen: 43.788 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 45 Resp: 602617
Ion Ratio Lower Upper
45 100
43 56.4 43.4 65.0
87 32.2 24.4 36.6
59 12.8 10.2 15.4

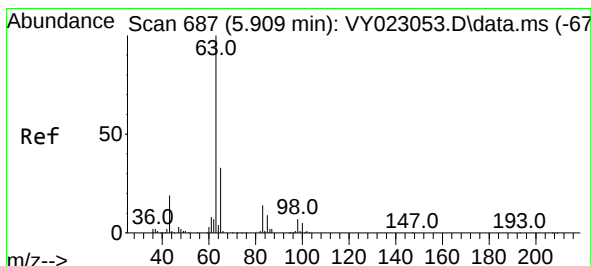
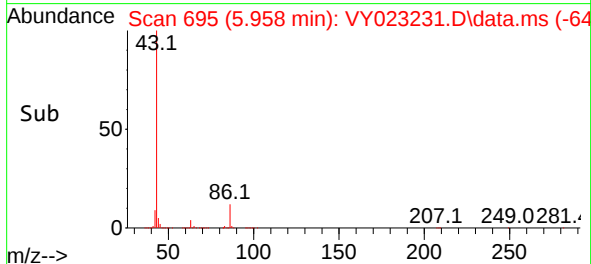
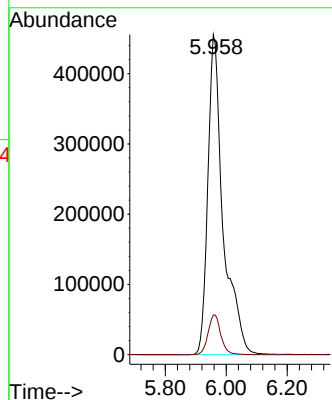
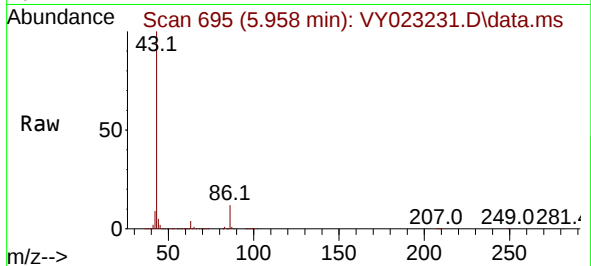




#23
 Vinyl Acetate
 Concen: 208.872 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023231.D
 Acq: 28 Aug 2025 17:01

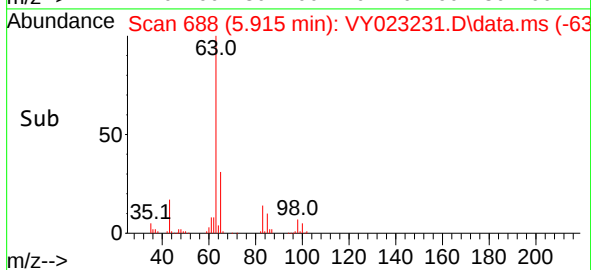
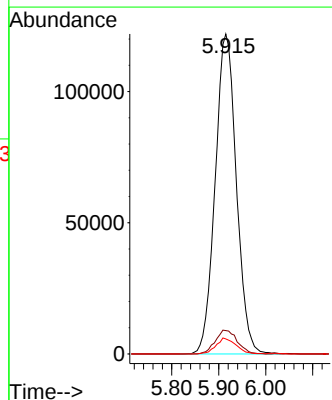
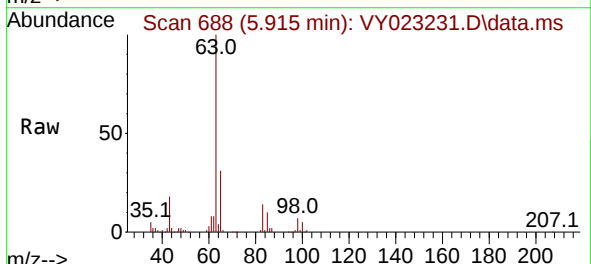
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1589465
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 45.389 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023231.D
 Acq: 28 Aug 2025 17:01

Tgt Ion: 63 Resp: 381900
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 203.542 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

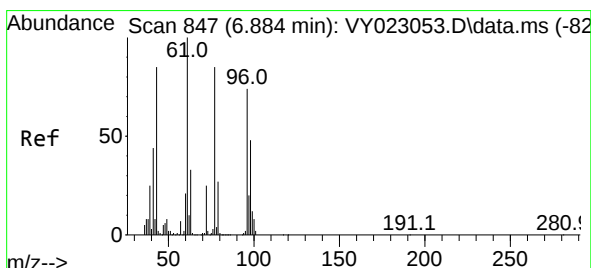
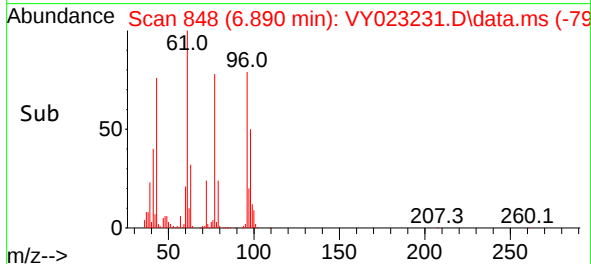
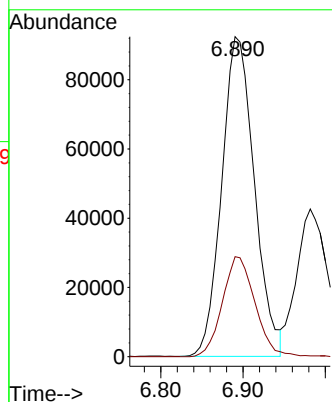
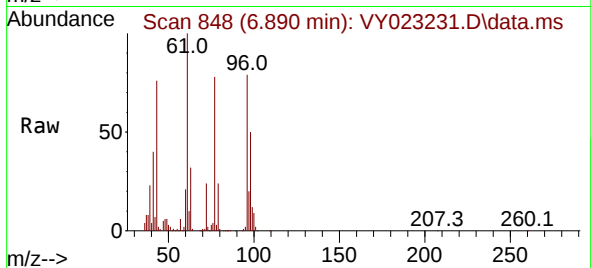
VSTDCCC050EC

Tgt Ion: 43 Resp: 255296

Ion Ratio Lower Upper

43 100

72 31.3 23.5 35.3



#26

2,2-Dichloropropane

Concen: 41.707 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023231.D

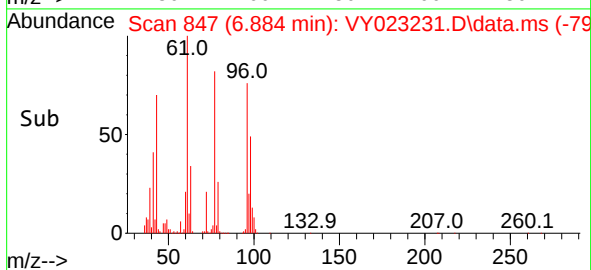
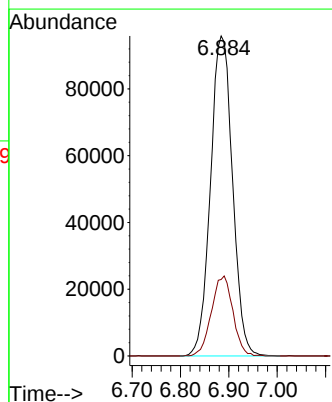
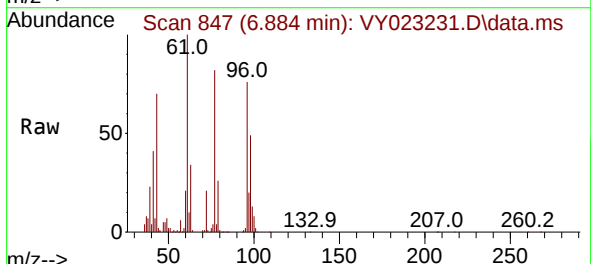
Acq: 28 Aug 2025 17:01

Tgt Ion: 77 Resp: 302803

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 46.905 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

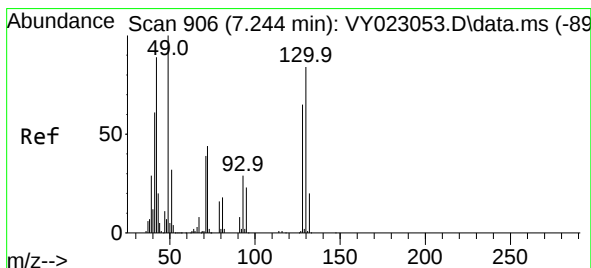
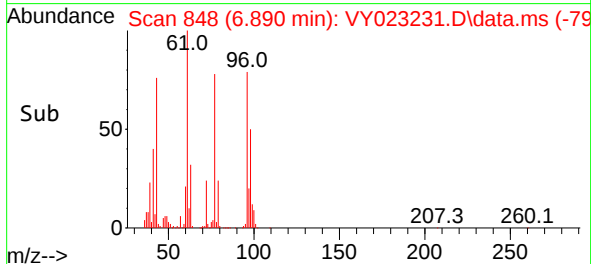
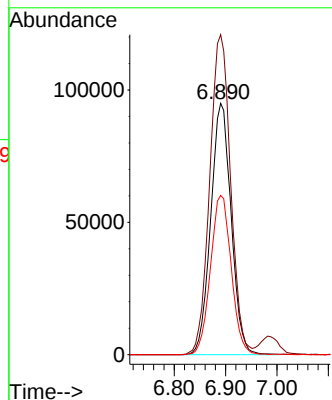
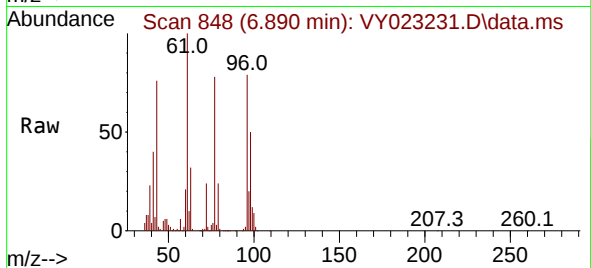
Tgt Ion: 96 Resp: 262283

Ion Ratio Lower Upper

96 100

61 130.1 0.0 278.6

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 49.319 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

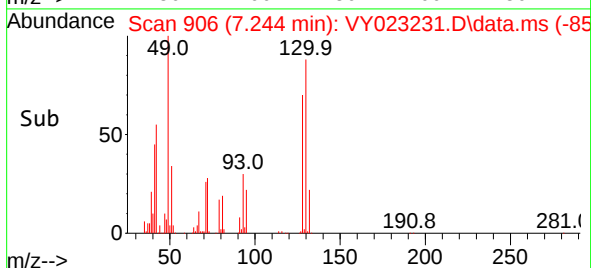
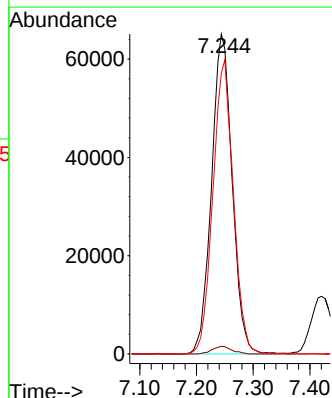
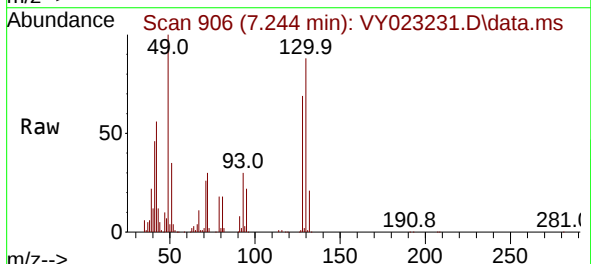
Tgt Ion: 49 Resp: 164636

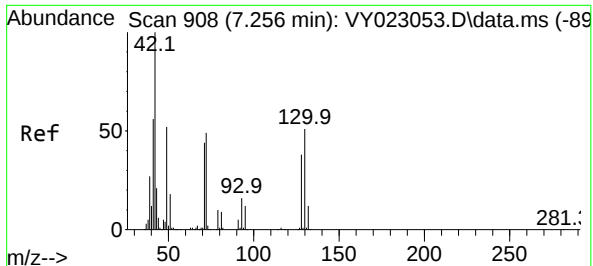
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 90.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 218.107 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

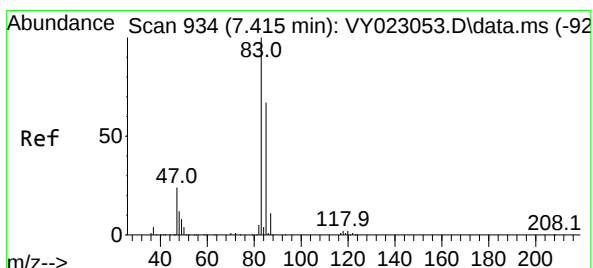
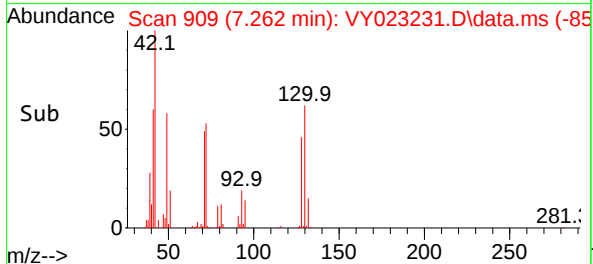
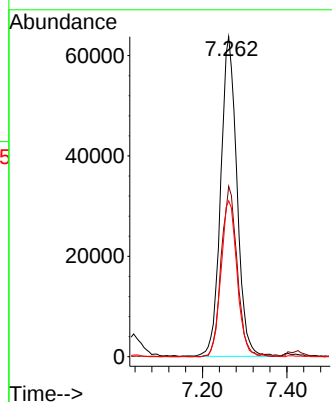
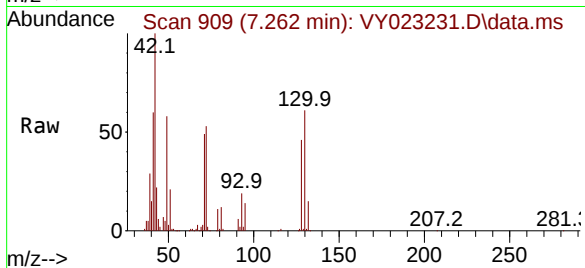
Tgt Ion: 42 Resp: 169571

Ion Ratio Lower Upper

42 100

72 52.4 39.4 59.2

71 48.2 36.5 54.7



#30

Chloroform

Concen: 47.396 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023231.D

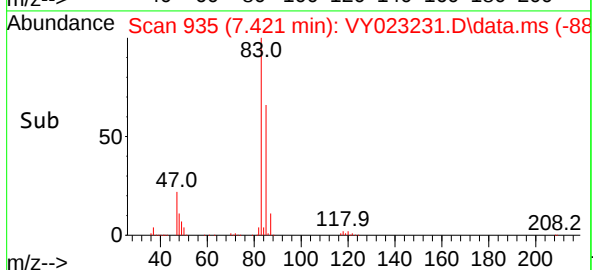
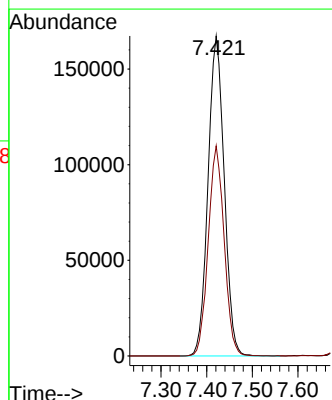
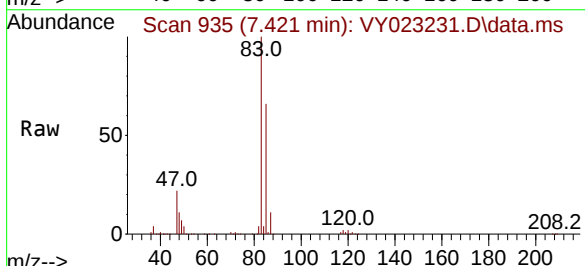
Acq: 28 Aug 2025 17:01

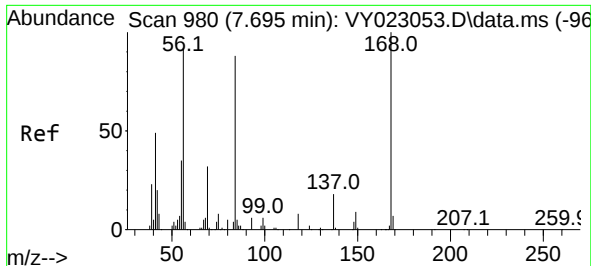
Tgt Ion: 83 Resp: 411287

Ion Ratio Lower Upper

83 100

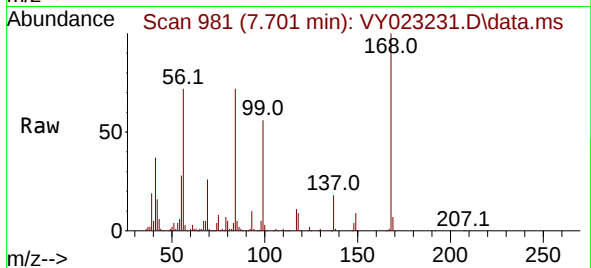
85 65.6 53.8 80.8



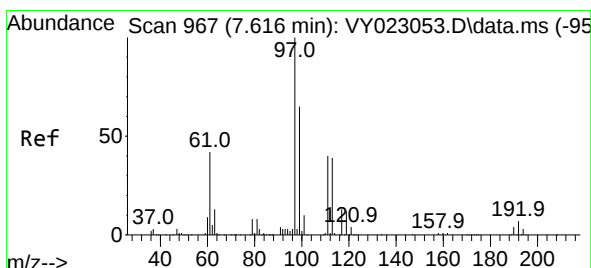
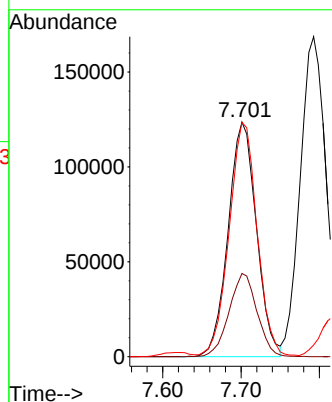
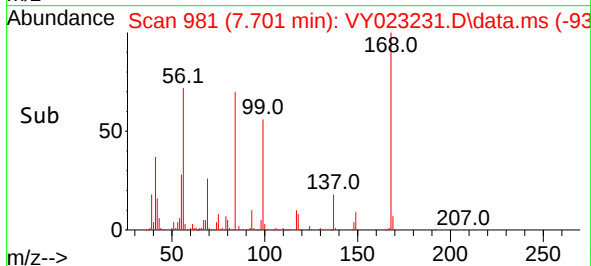


#31
Cyclohexane
Concen: 39.110 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

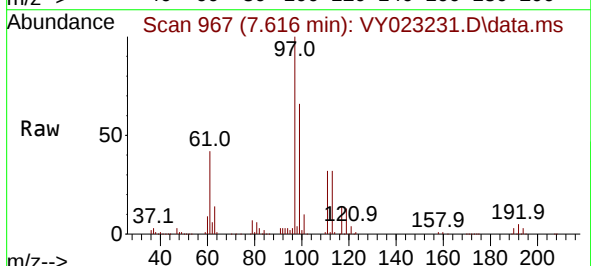
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



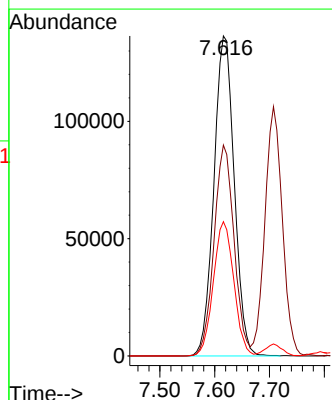
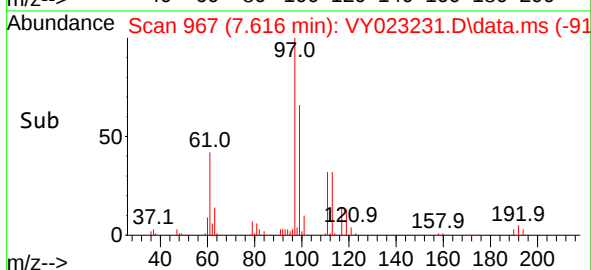
Tgt Ion: 56 Resp: 310099
Ion Ratio Lower Upper
56 100
69 35.4 28.2 42.2
84 98.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 45.711 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01



Tgt Ion: 97 Resp: 351959
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 42.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.119 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

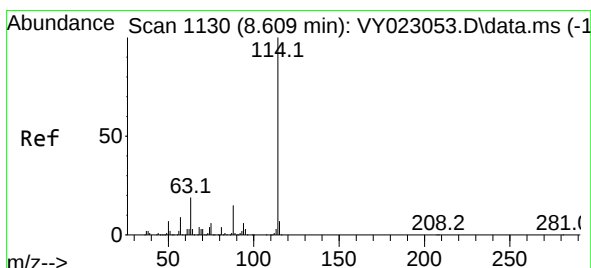
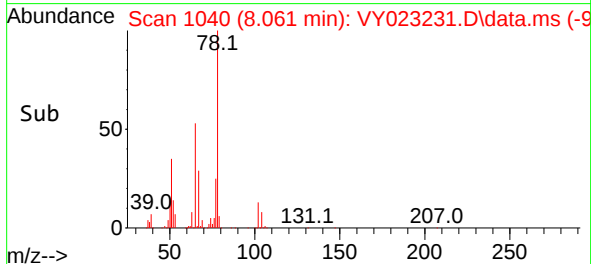
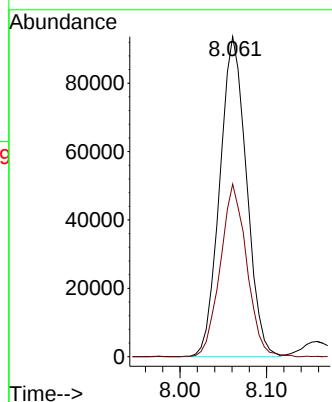
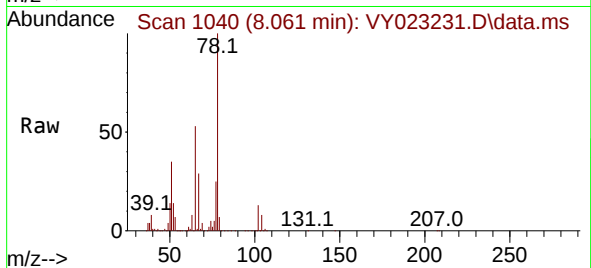
VSTDCCC050EC

Tgt Ion: 65 Resp: 200581

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

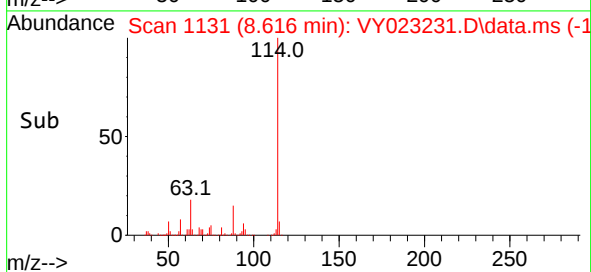
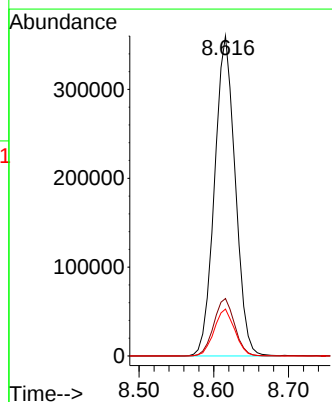
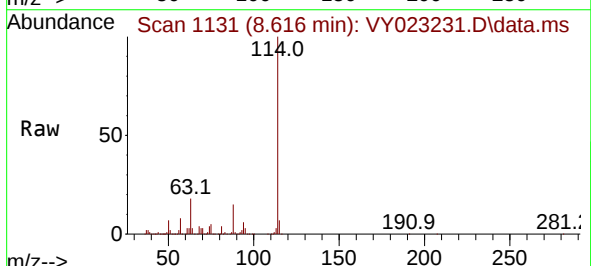
Tgt Ion: 114 Resp: 693822

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 14.7 0.0 30.0

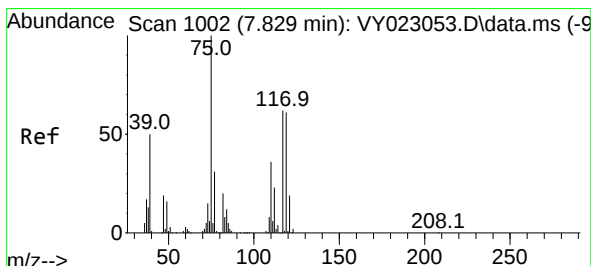
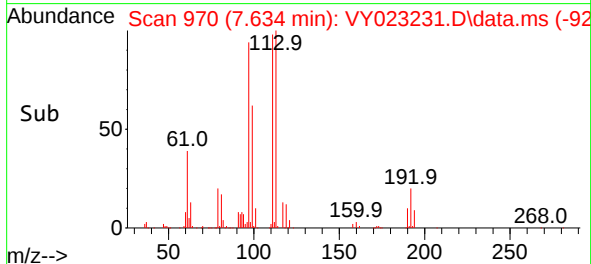
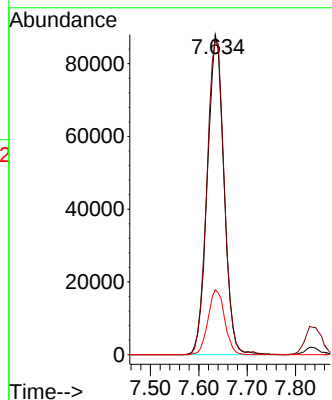
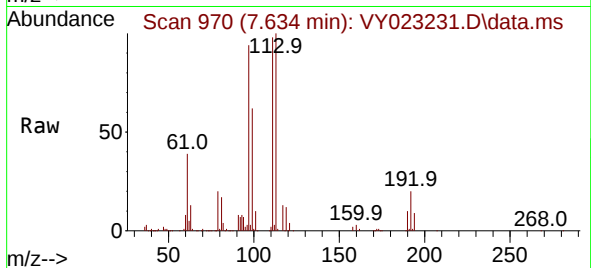




#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

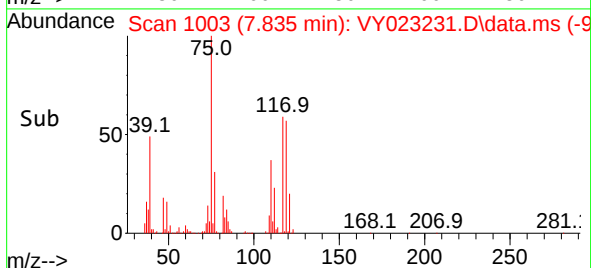
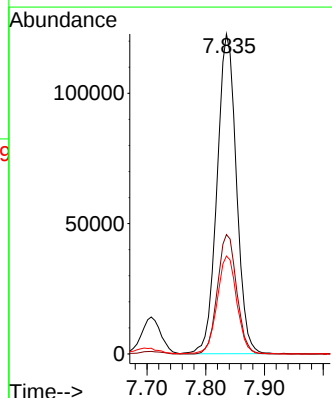
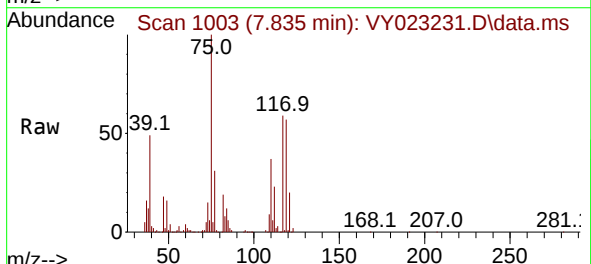
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

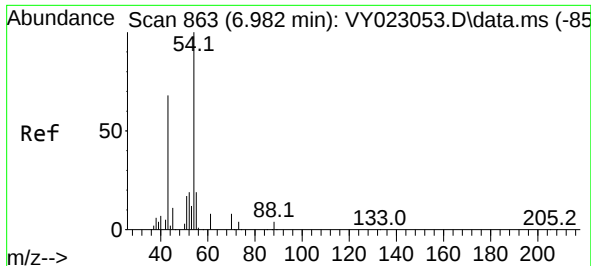
Tgt Ion:113 Resp: 210357
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 45.517 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 75 Resp: 280837
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.4
77 31.1 24.6 37.0

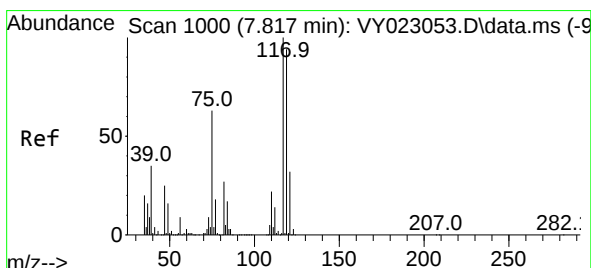
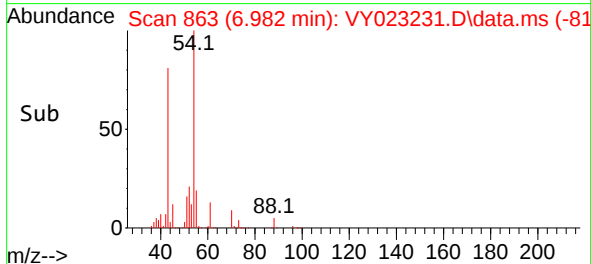
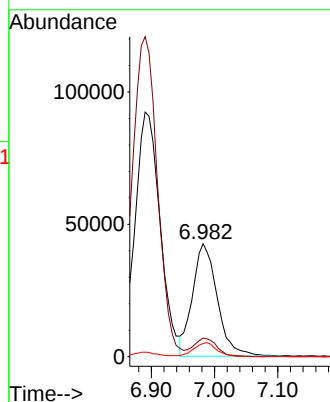
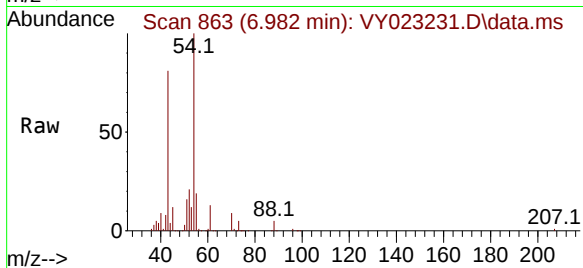




#37
Ethyl Acetate
Concen: 44.539 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

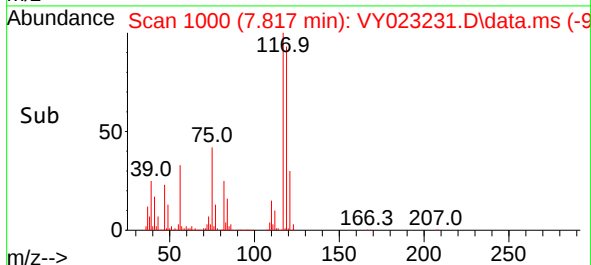
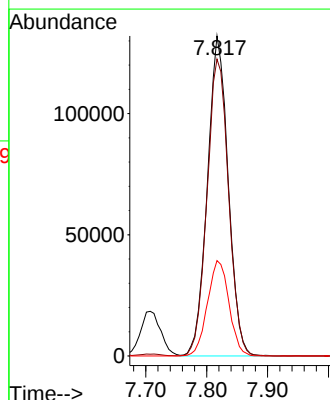
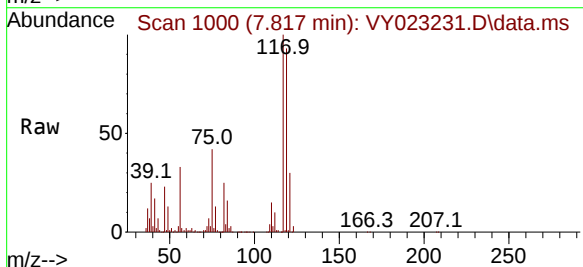
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

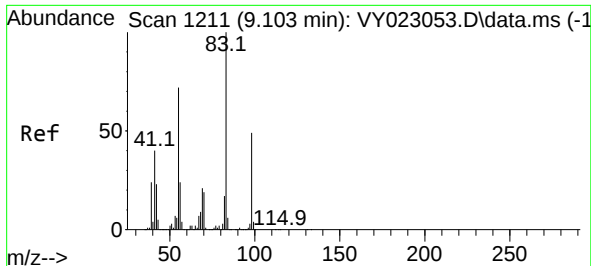
Tgt Ion: 43 Resp: 115435
Ion Ratio Lower Upper
43 100
61 16.0 11.9 17.9
70 11.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 46.906 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 117 Resp: 314329
Ion Ratio Lower Upper
117 100
119 92.7 75.6 113.4
121 29.8 25.8 38.8





#39

Methylcyclohexane

Concen: 43.672 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

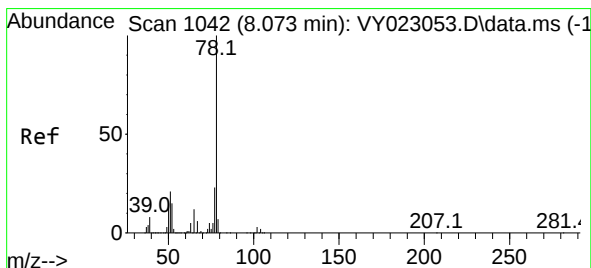
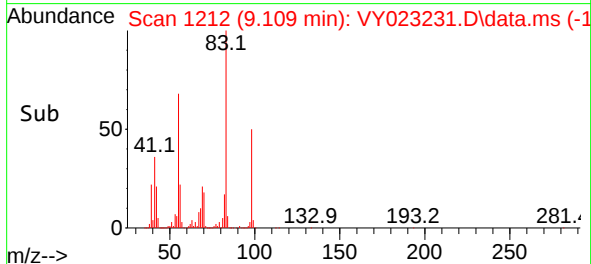
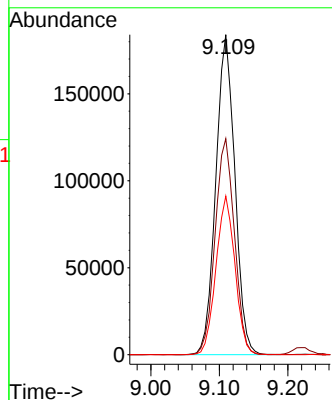
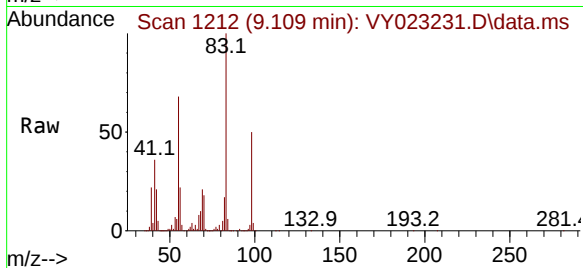
Tgt Ion: 83 Resp: 354831

Ion Ratio Lower Upper

83 100

55 67.5 57.6 86.4

98 49.6 39.2 58.8



#40

Benzene

Concen: 47.138 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023231.D

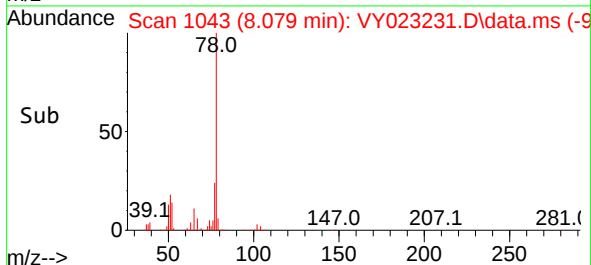
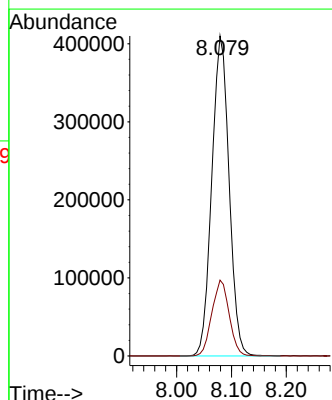
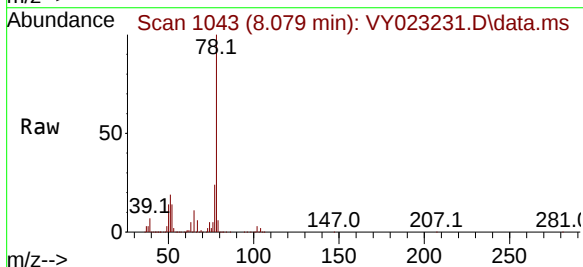
Acq: 28 Aug 2025 17:01

Tgt Ion: 78 Resp: 896400

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0



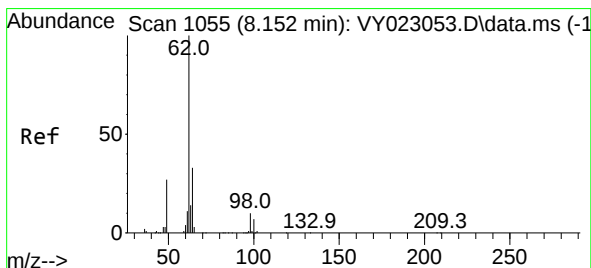
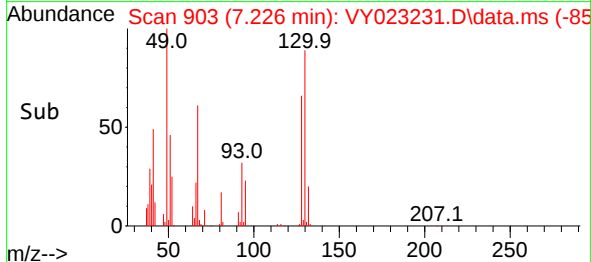
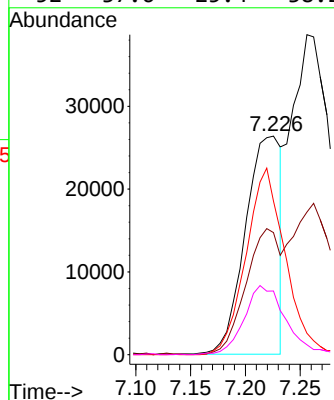
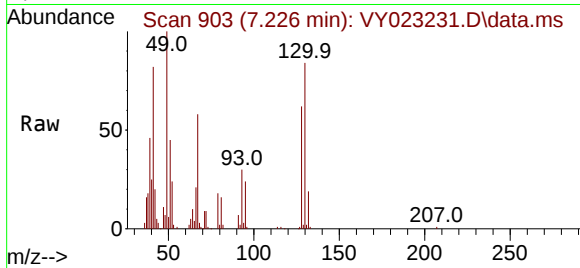


#41
Methacrylonitrile
Concen: 39.773 ug/l
RT: 7.226 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 59491

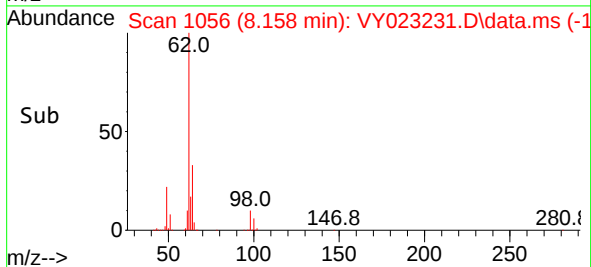
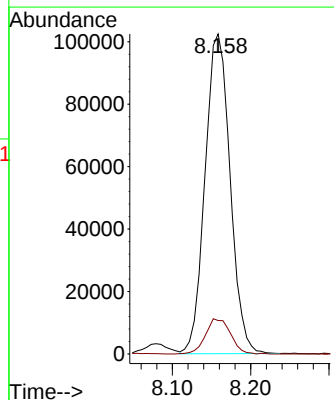
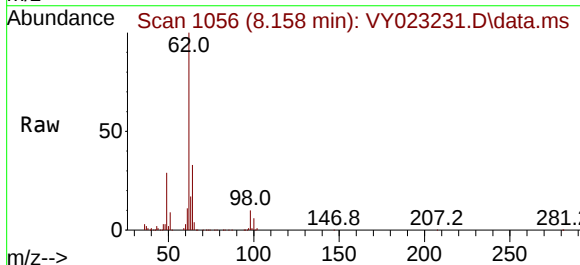
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.4	65.2
67	95.7	63.6	95.4
52	37.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 46.057 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 62 Resp: 227788

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.6

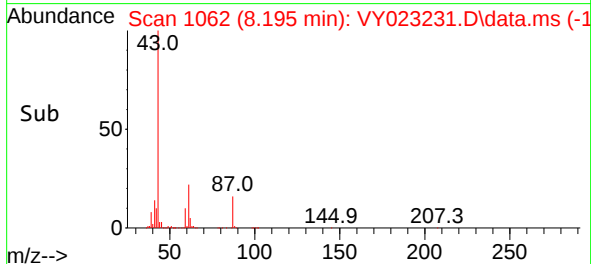
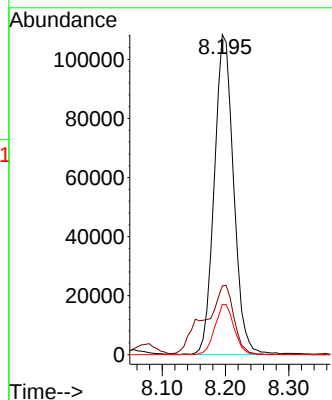
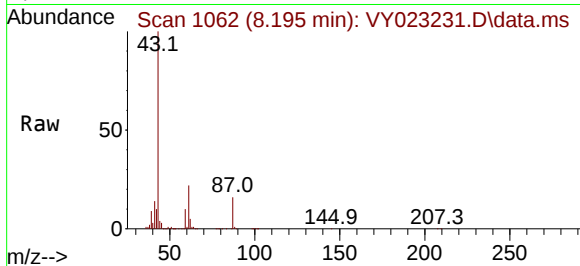




#43
Isopropyl Acetate
Concen: 43.781 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

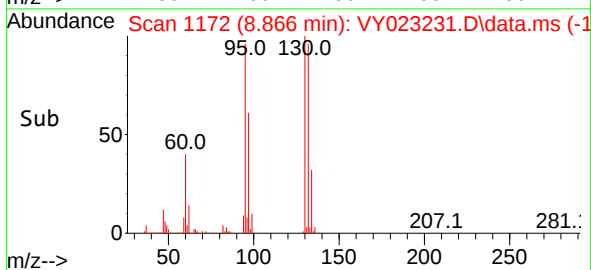
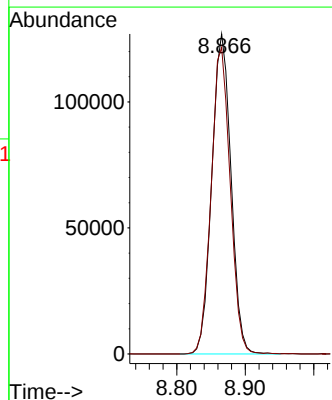
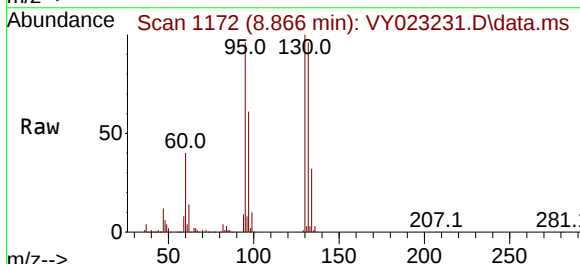
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

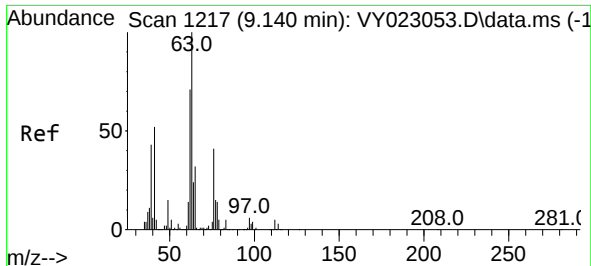
Tgt Ion: 43 Resp: 229347
Ion Ratio Lower Upper
43 100
61 32.8 16.4 24.6#
87 15.6 11.8 17.6



#44
Trichloroethene
Concen: 50.240 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion:130 Resp: 246893
Ion Ratio Lower Upper
130 100
95 95.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 46.948 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

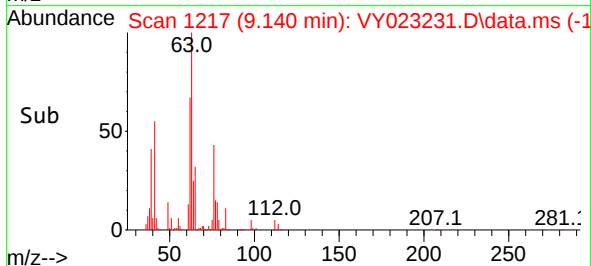
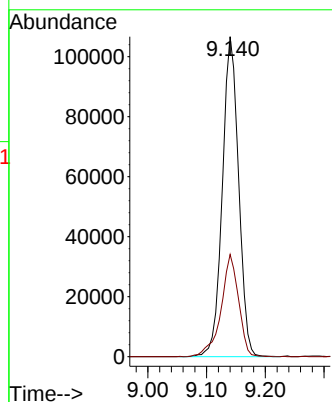
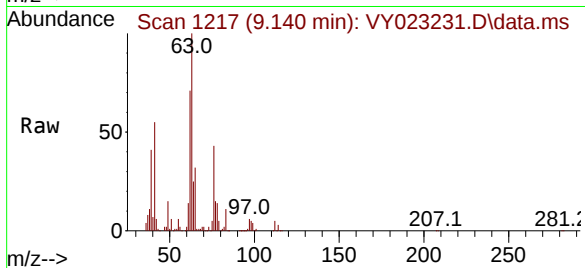
VSTDCCC050EC

Tgt Ion: 63 Resp: 205421

Ion Ratio Lower Upper

63 100

65 31.9 25.3 37.9



#46

Dibromomethane

Concen: 49.958 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

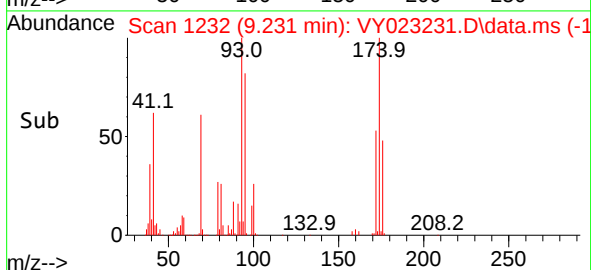
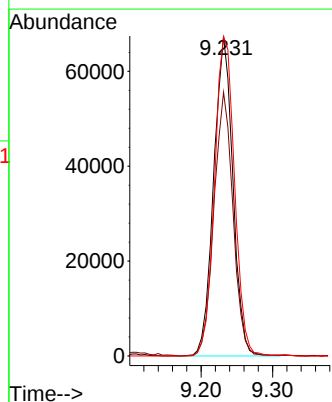
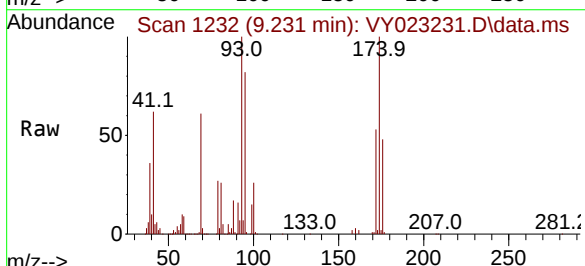
Tgt Ion: 93 Resp: 125465

Ion Ratio Lower Upper

93 100

95 82.2 66.5 99.7

174 104.1 81.8 122.8

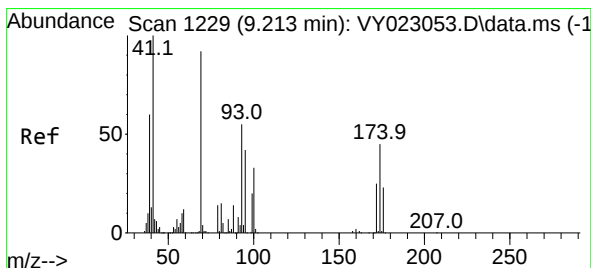
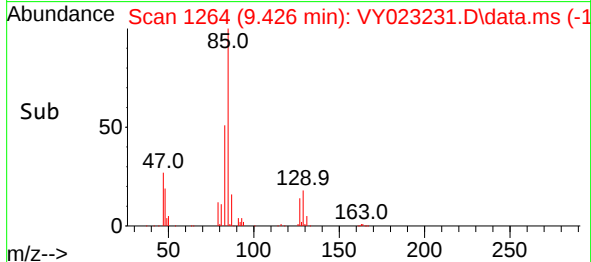
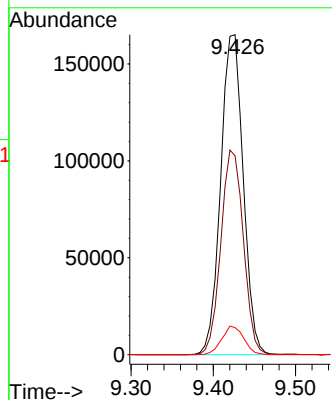
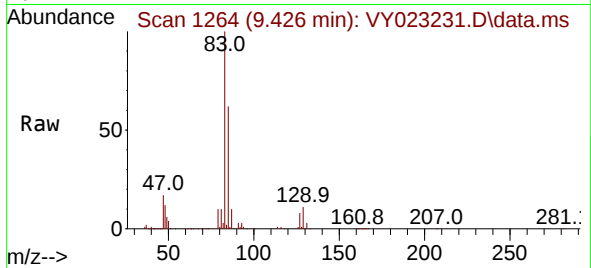




#47
Bromodichloromethane
Concen: 48.678 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

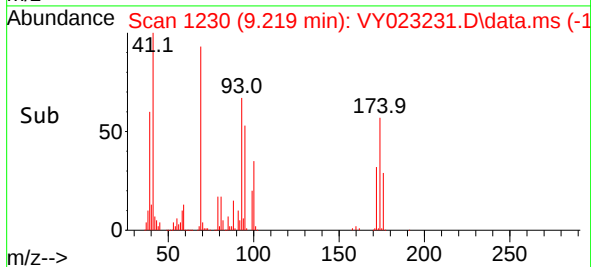
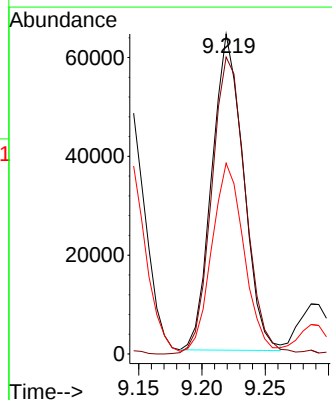
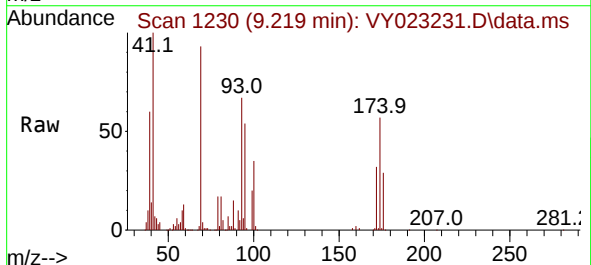
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

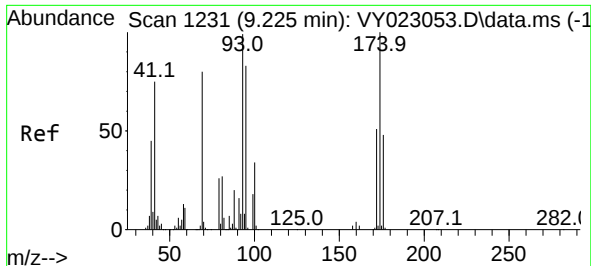
Tgt Ion: 83 Resp: 314564
Ion Ratio Lower Upper
83 100
85 62.2 50.2 75.4
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 44.363 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 41 Resp: 111204
Ion Ratio Lower Upper
41 100
69 100.2 73.2 109.8
39 60.1 47.0 70.4





#49

1,4-Dioxane

Concen: 945.499 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

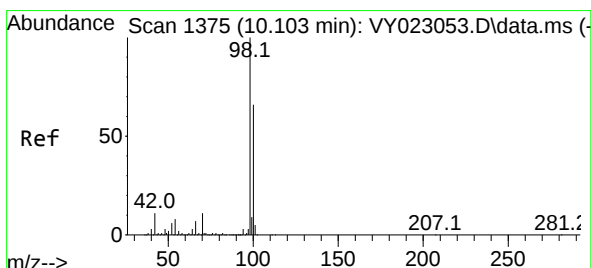
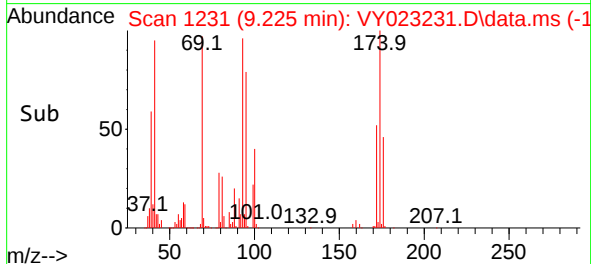
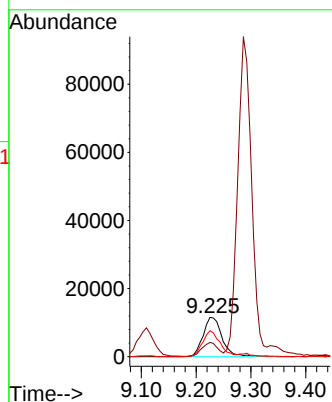
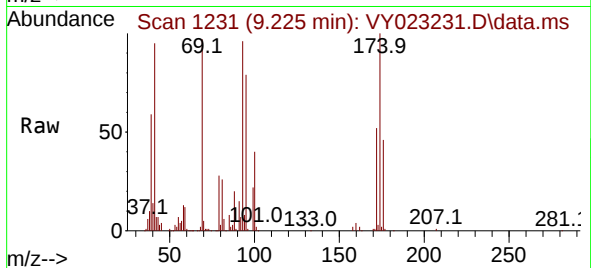
Tgt Ion: 88 Resp: 27842

Ion Ratio Lower Upper

88 100

43 29.5 24.3 36.5

58 60.4 55.4 83.0



#50

Toluene-d8

Concen: 50.271 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023231.D

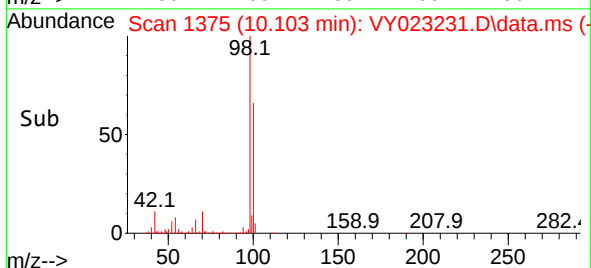
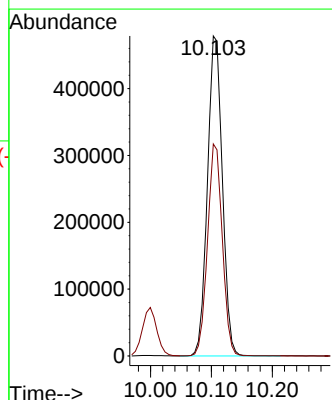
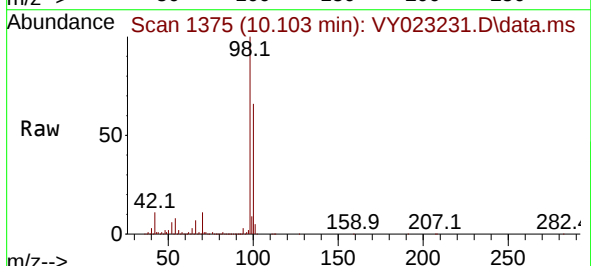
Acq: 28 Aug 2025 17:01

Tgt Ion: 98 Resp: 815332

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

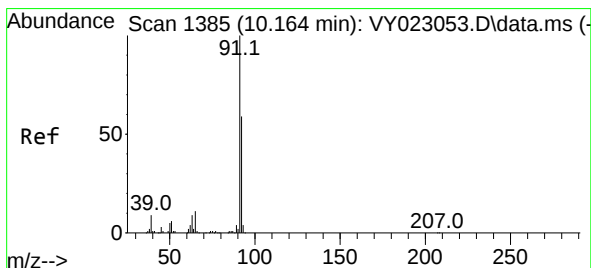
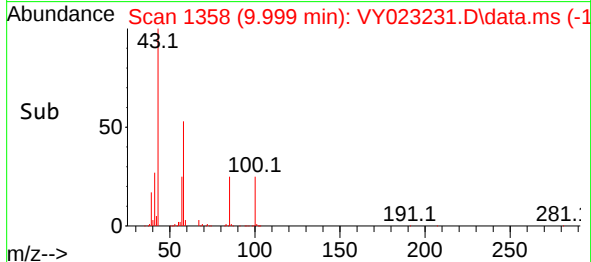
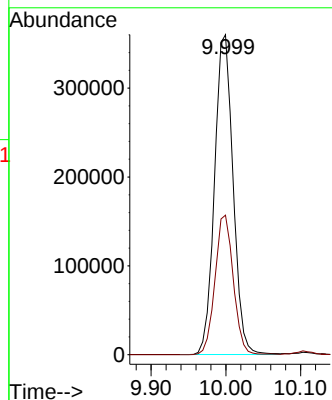
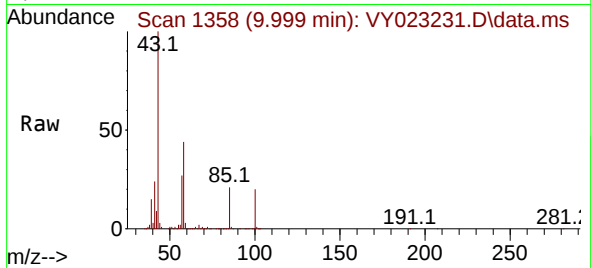




#51
4-Methyl-2-Pentanone
Concen: 229.656 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

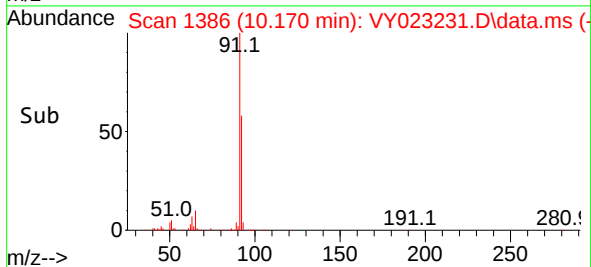
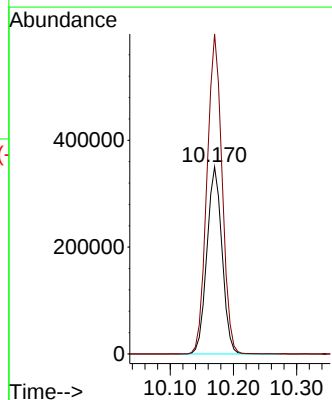
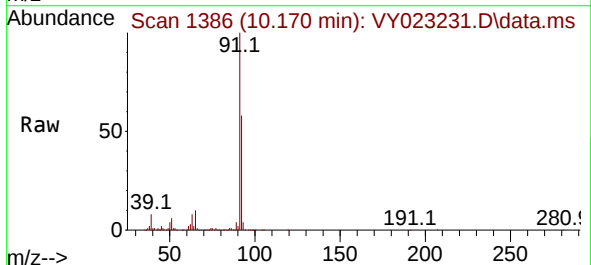
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

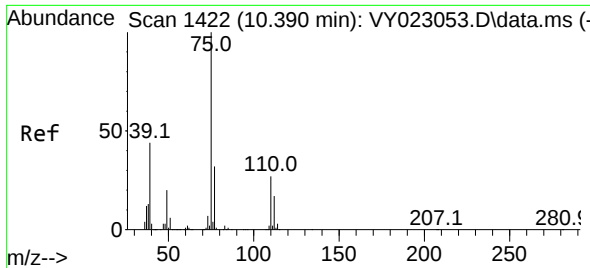
Tgt Ion: 43 Resp: 620561
Ion Ratio Lower Upper
43 100
58 43.0 33.5 50.3



#52
Toluene
Concen: 48.161 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 92 Resp: 581685
Ion Ratio Lower Upper
92 100
91 171.2 136.4 204.6

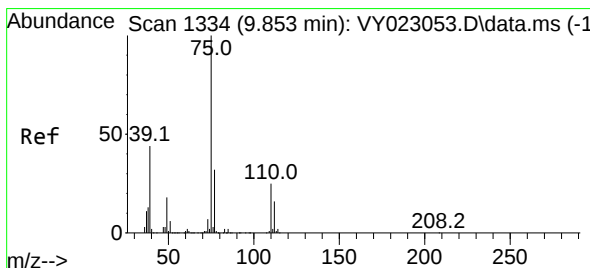
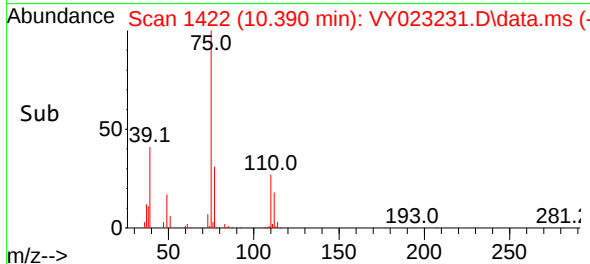
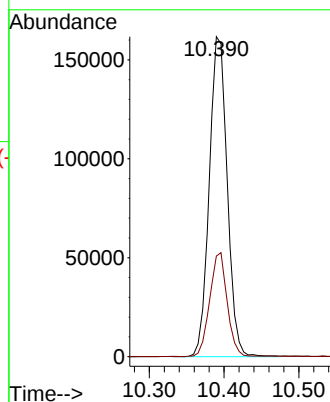
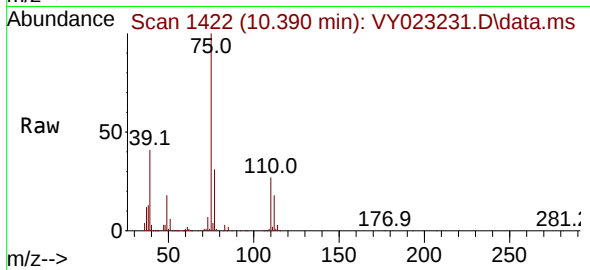




#53
t-1,3-Dichloropropene
Concen: 46.099 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

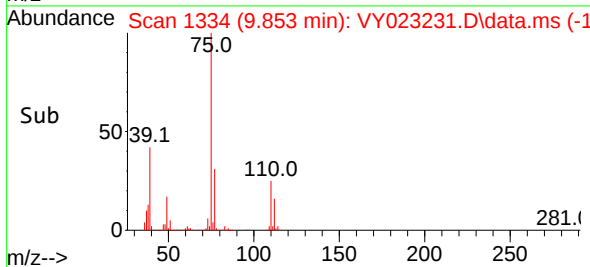
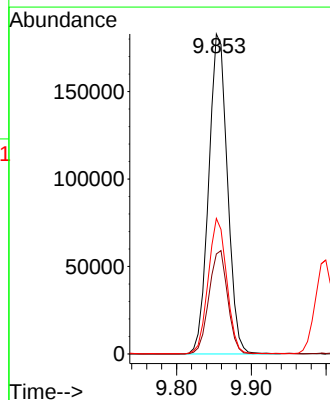
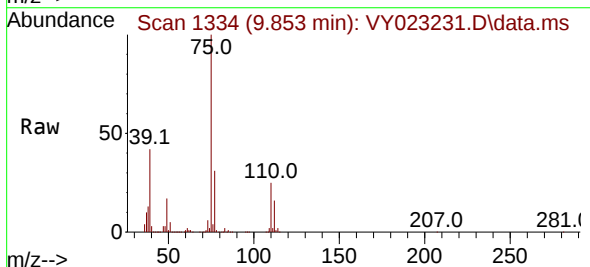
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

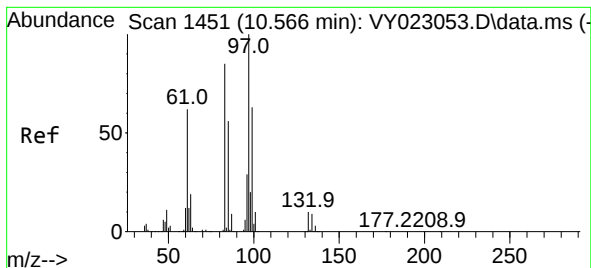
Tgt Ion: 75 Resp: 269759
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 45.996 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 75 Resp: 318274
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 42.3 35.6 53.4



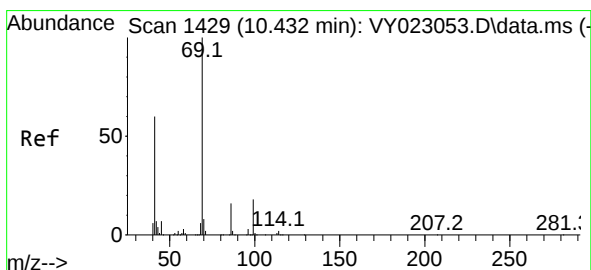
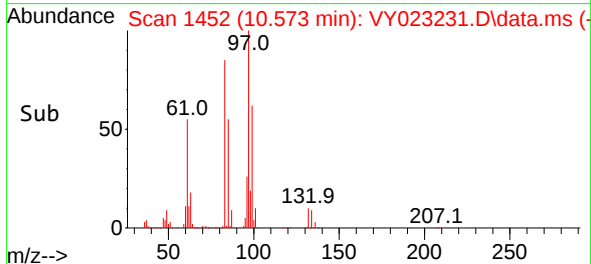
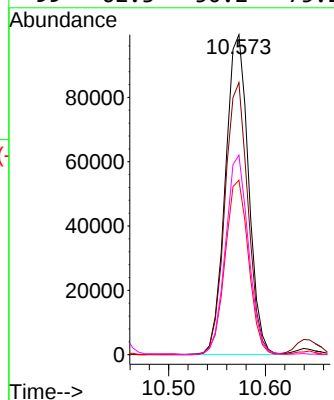
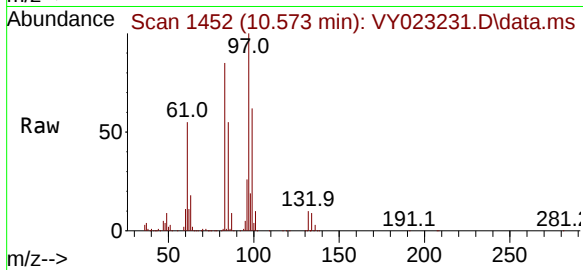


#55
1,1,2-Trichloroethane
Concen: 49.114 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 165046

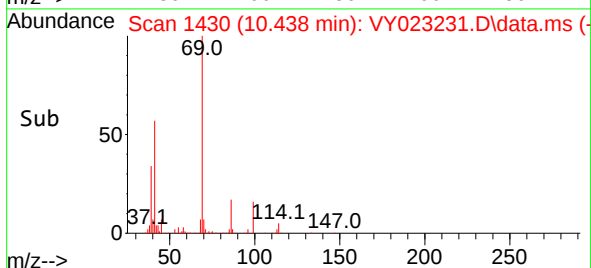
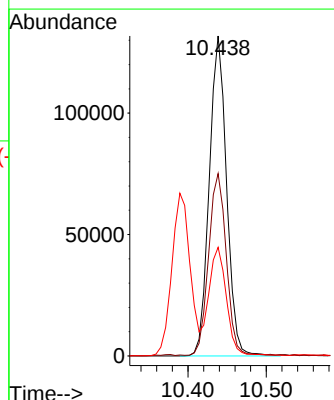
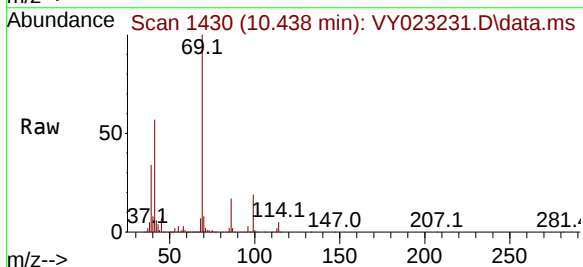
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.7	101.5
85	54.6	44.5	66.7
99	62.3	50.2	75.2

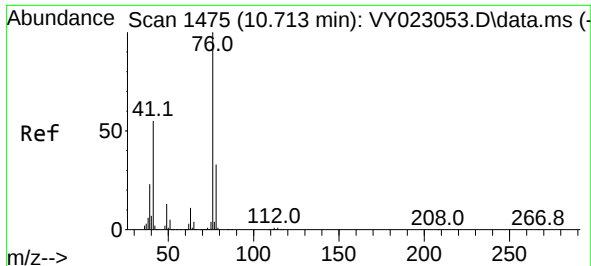


#56
Ethyl methacrylate
Concen: 47.100 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 69 Resp: 202535

Ion	Ratio	Lower	Upper
69	100		
41	57.8	48.6	72.8
39	34.6	27.0	40.4





#57

1,3-Dichloropropane

Concen: 48.028 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

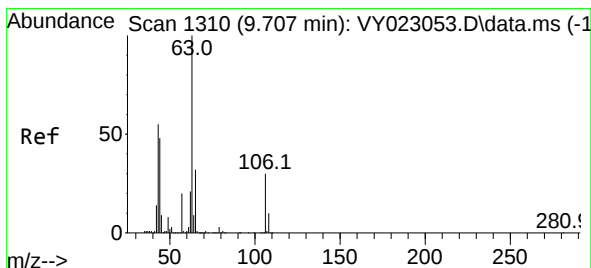
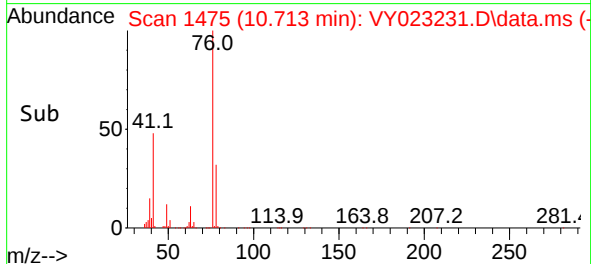
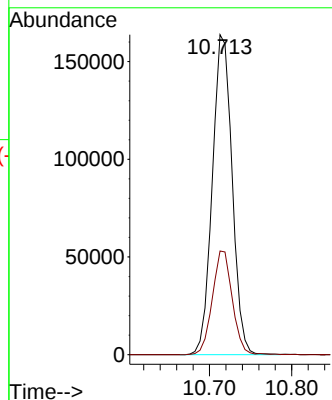
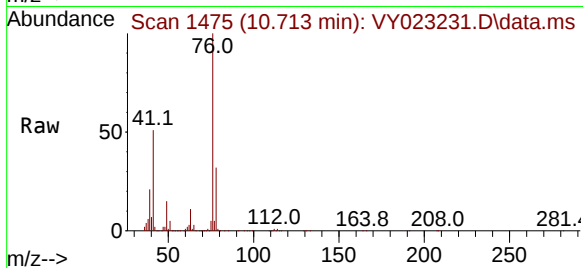
VSTDCCC050EC

Tgt Ion: 76 Resp: 273717

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 260.733 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023231.D

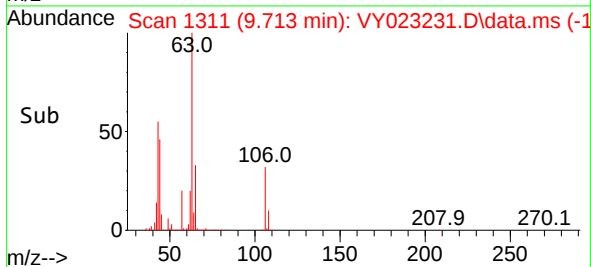
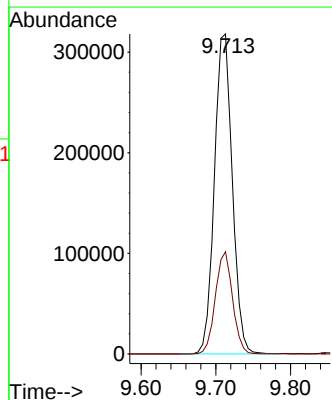
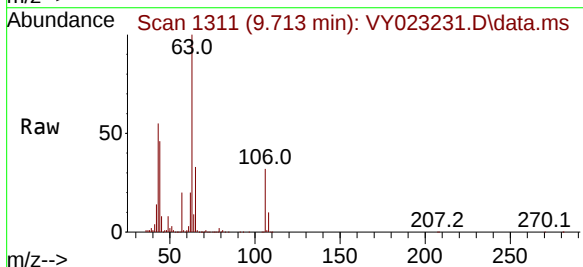
Acq: 28 Aug 2025 17:01

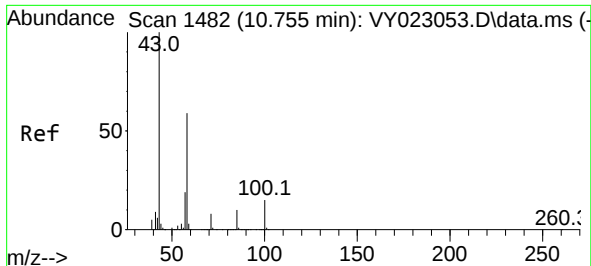
Tgt Ion: 63 Resp: 528860

Ion Ratio Lower Upper

63 100

106 30.7 23.2 34.8

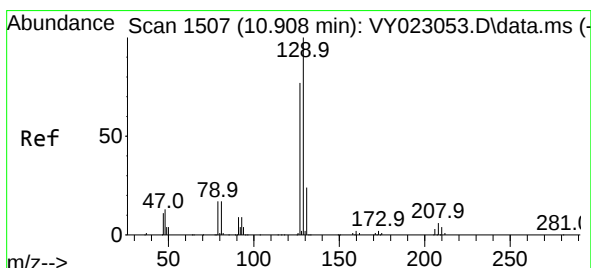
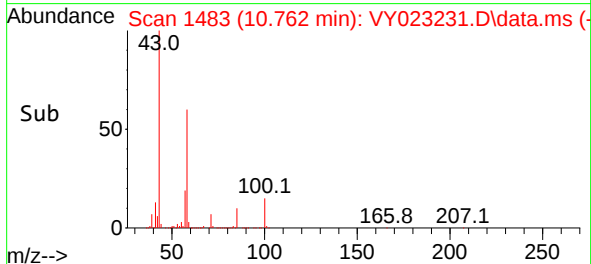
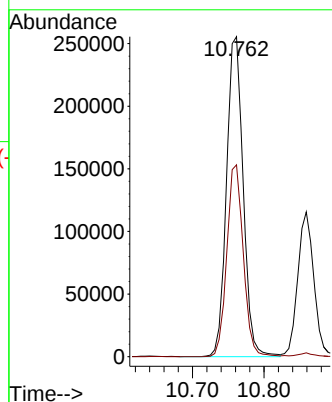
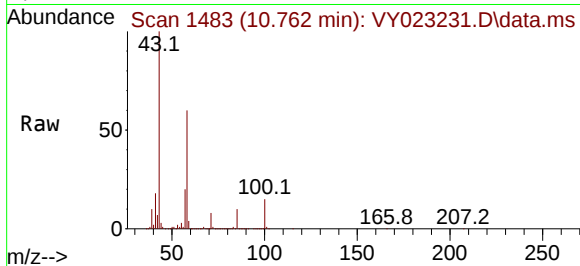




#59
2-Hexanone
Concen: 224.406 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

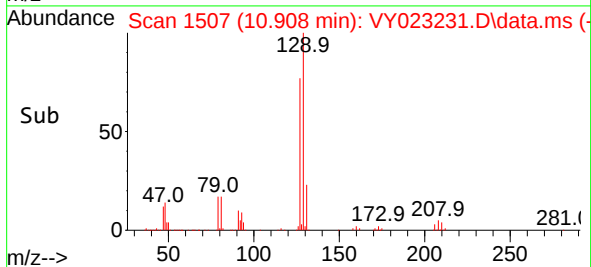
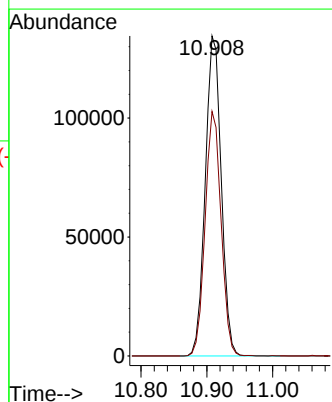
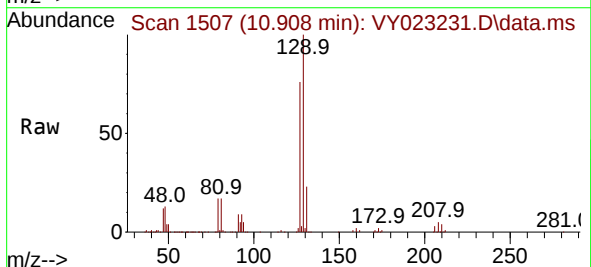
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

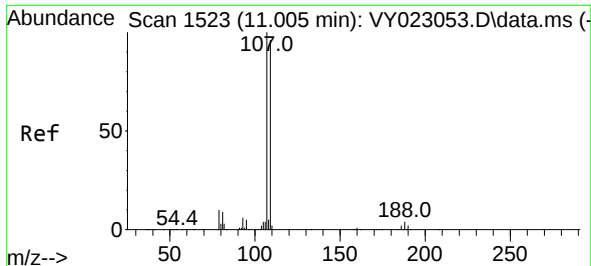
Tgt Ion: 43 Resp: 412899
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 51.246 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 129 Resp: 227234
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

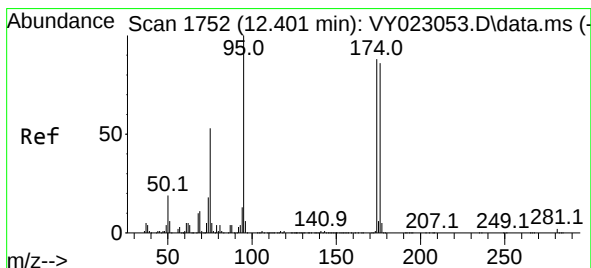
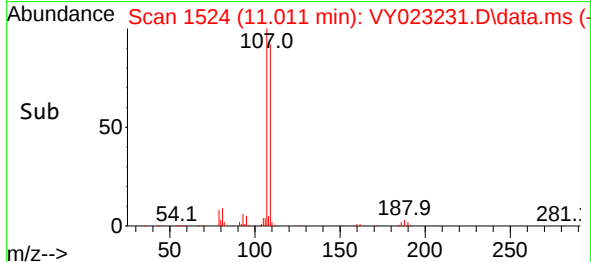
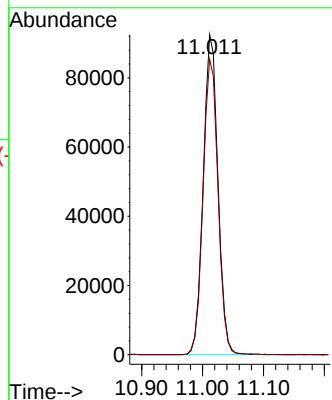
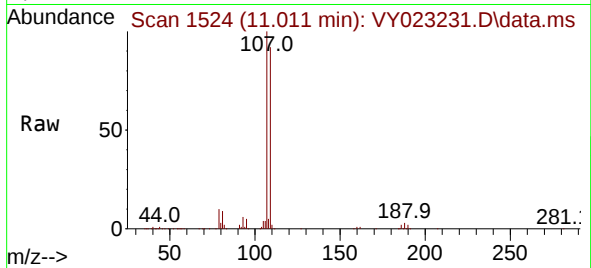




#61
1,2-Dibromoethane
Concen: 49.359 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

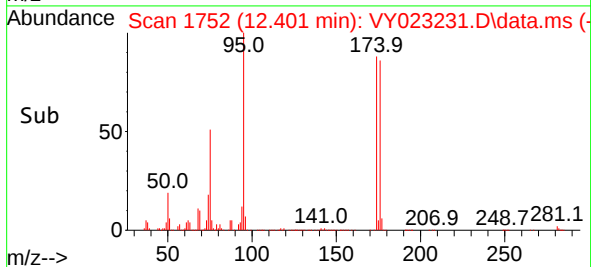
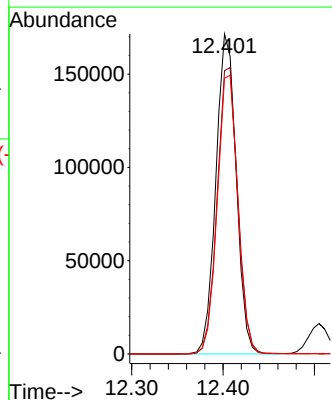
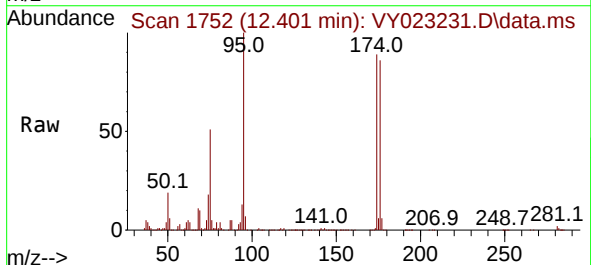
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

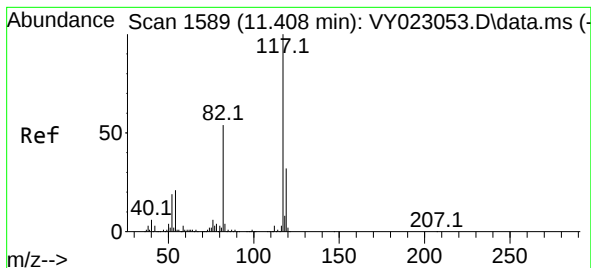
Tgt Ion:107 Resp: 155901
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.705 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 95 Resp: 264473
Ion Ratio Lower Upper
95 100
174 91.3 0.0 171.6
176 88.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

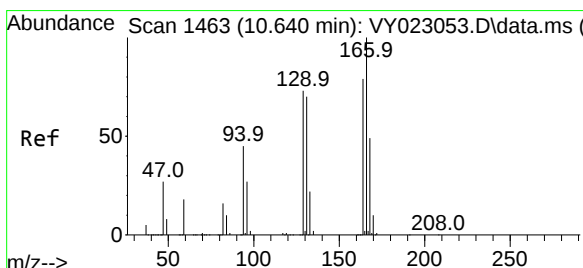
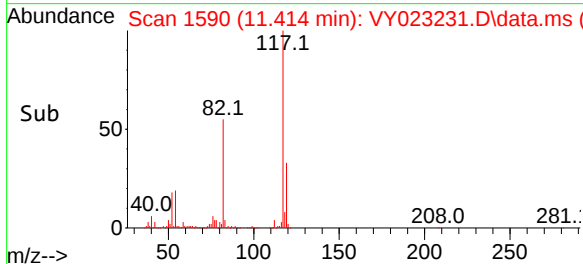
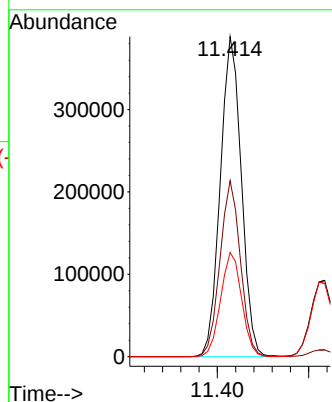
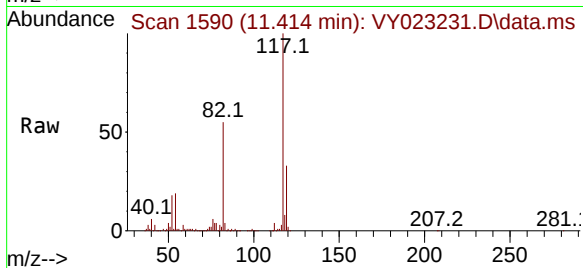
Tgt Ion:117 Resp: 621726

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 56.207 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Tgt Ion:164 Resp: 312038

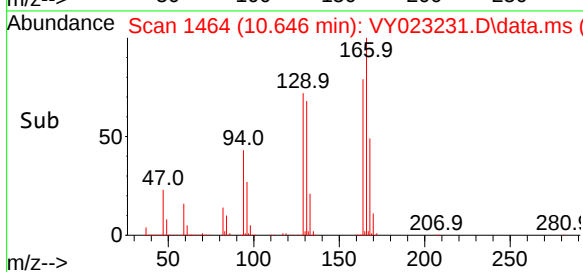
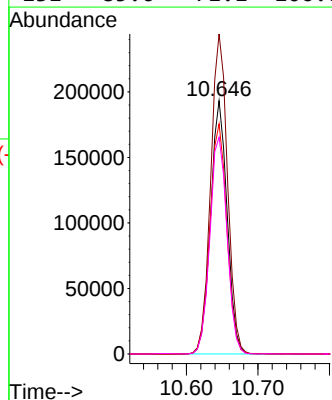
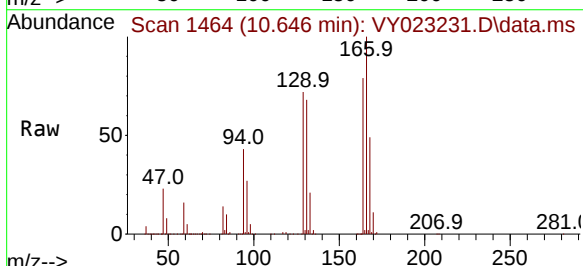
Ion Ratio Lower Upper

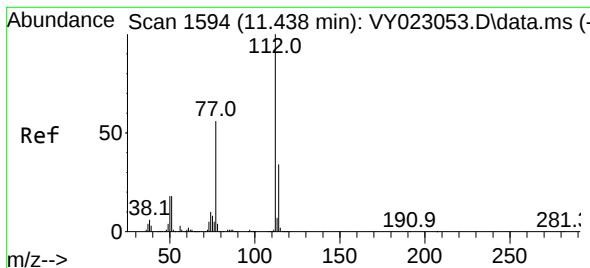
164 100

166 126.4 101.1 151.7

129 90.8 74.0 111.0

131 85.6 71.1 106.7

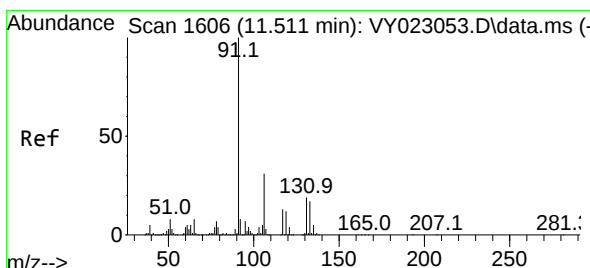
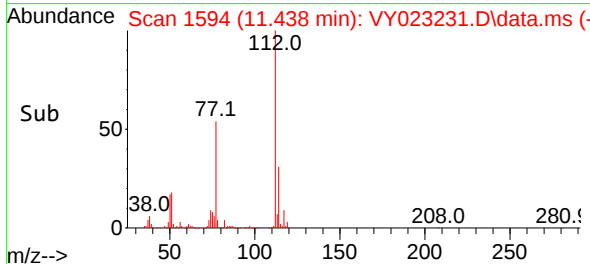
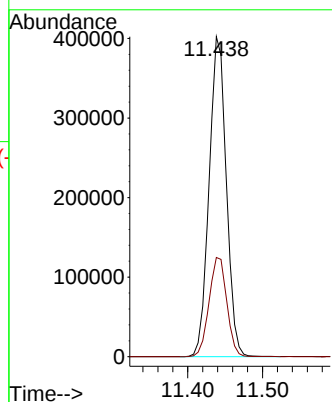
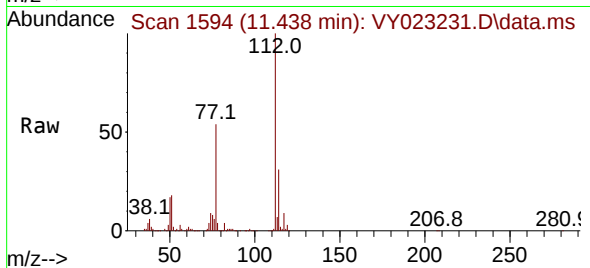




#65
Chlorobenzene
Concen: 47.913 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

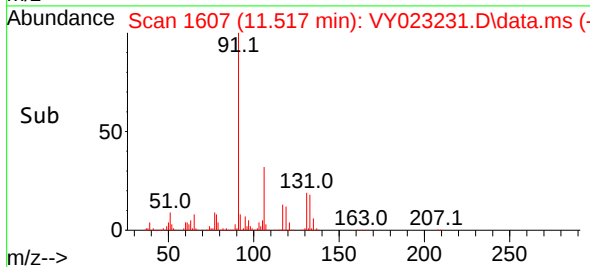
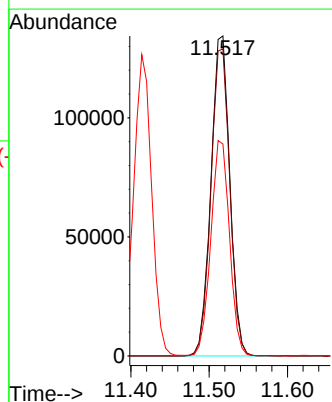
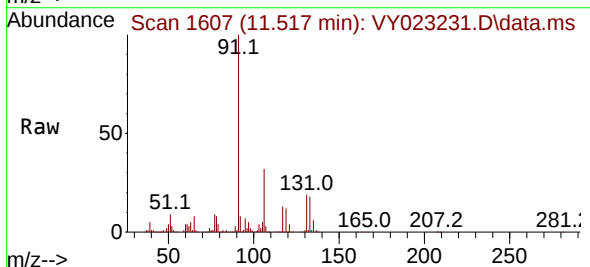
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

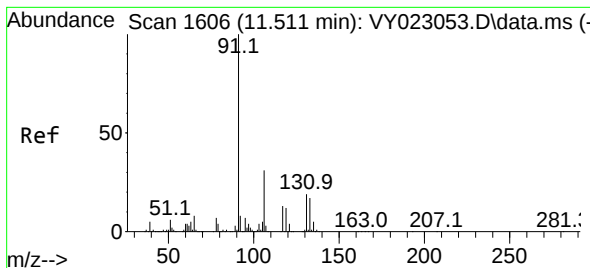
Tgt Ion:112 Resp: 642550
Ion Ratio Lower Upper
112 100
114 31.0 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.445 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion:131 Resp: 225048
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.6
119 66.8 33.2 99.6





#67

Ethyl Benzene

Concen: 47.117 ug/l

RT: 11.517 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

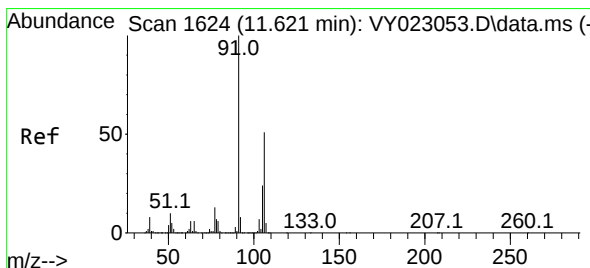
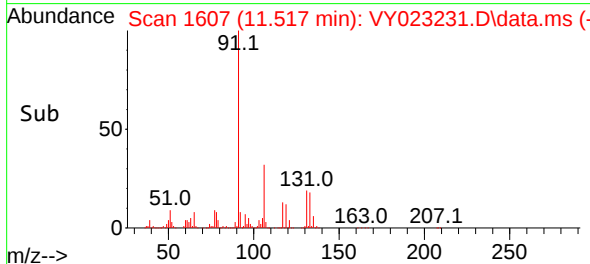
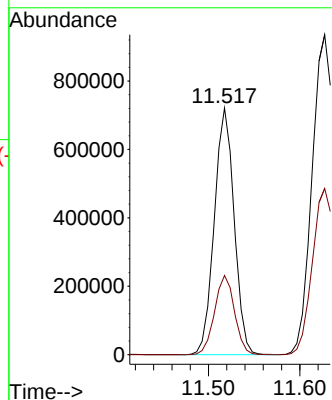
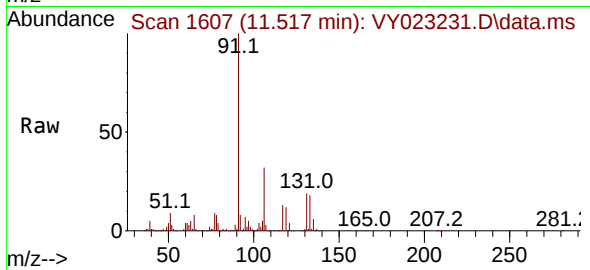
VSTDCCC050EC

Tgt Ion: 91 Resp: 1087395

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.4



#68

m/p-Xylenes

Concen: 96.419 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023231.D

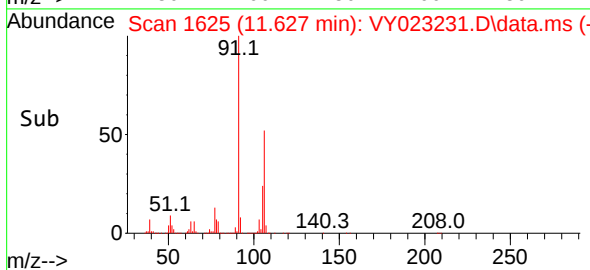
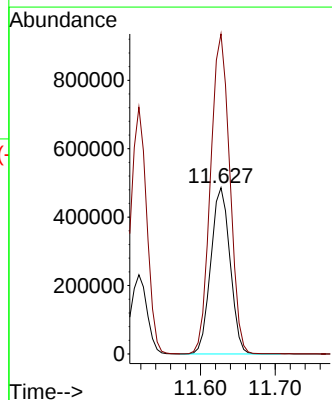
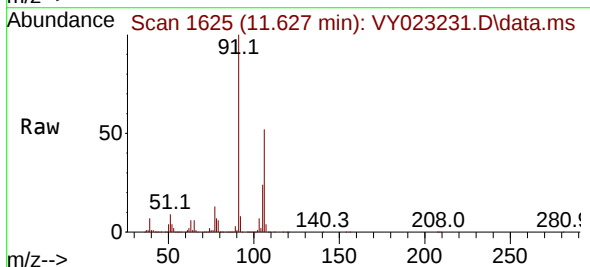
Acq: 28 Aug 2025 17:01

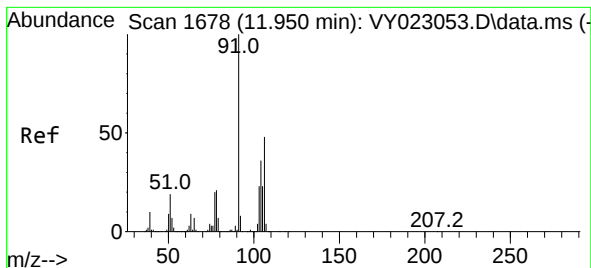
Tgt Ion: 106 Resp: 869083

Ion Ratio Lower Upper

106 100

91 192.9 158.6 238.0

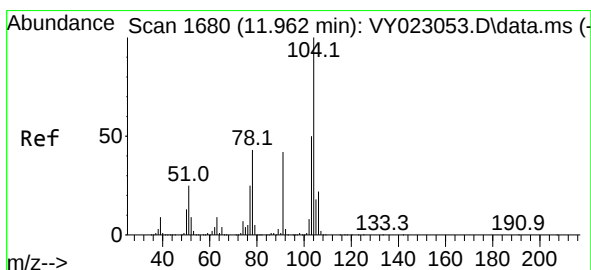
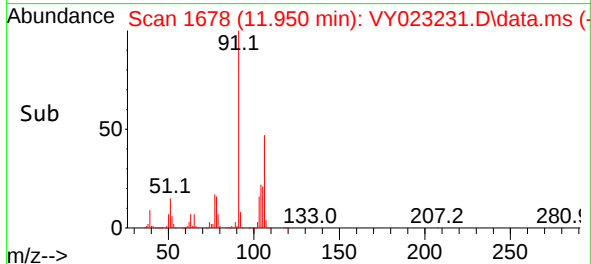
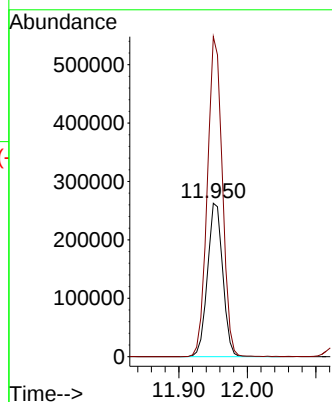
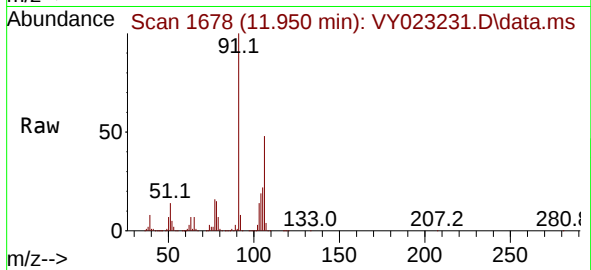




#69
o-Xylene
Concen: 48.188 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

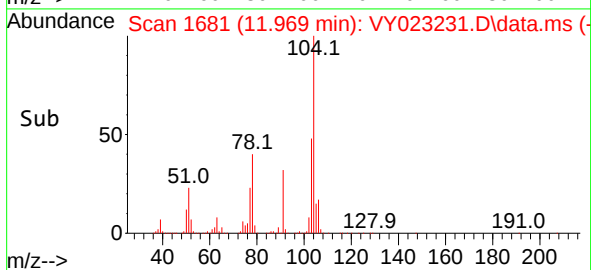
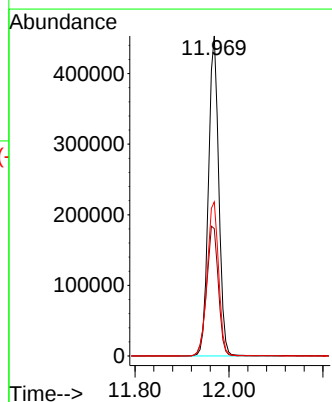
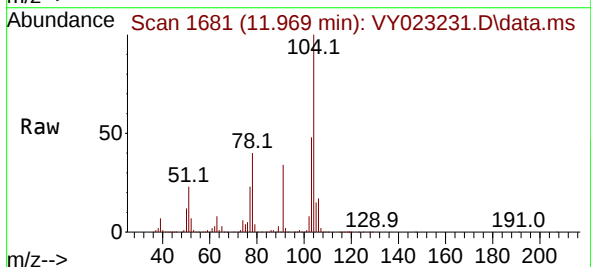
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

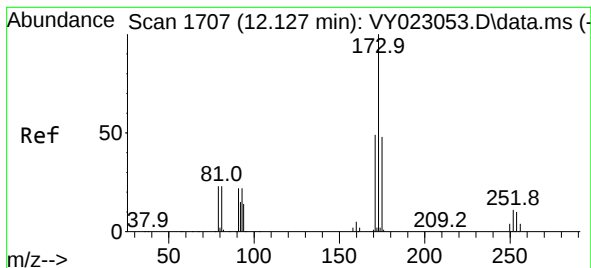
Tgt Ion:106 Resp: 406808
Ion Ratio Lower Upper
106 100
91 204.9 103.2 309.4



#70
Styrene
Concen: 49.778 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion:104 Resp: 687228
Ion Ratio Lower Upper
104 100
78 46.0 38.5 57.7
103 53.4 43.7 65.5





#71

Bromoform

Concen: 49.605 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

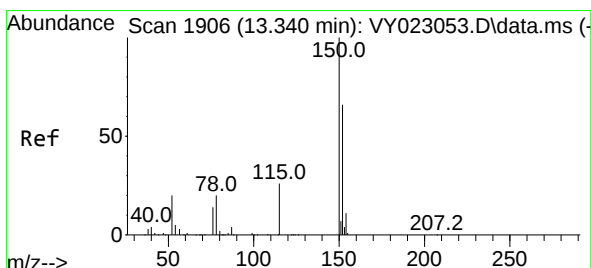
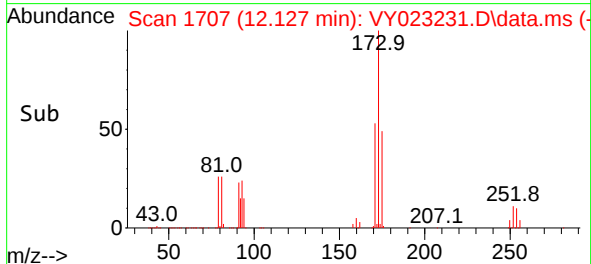
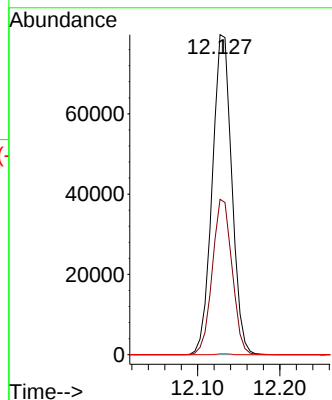
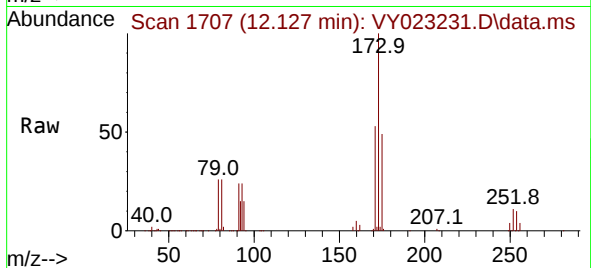
Tgt Ion:173 Resp: 131954

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

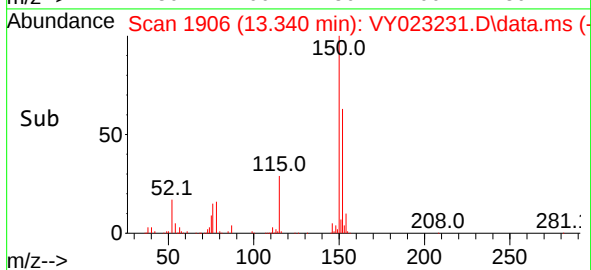
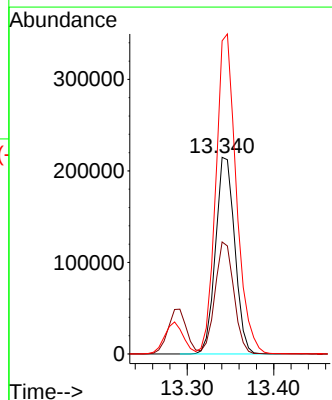
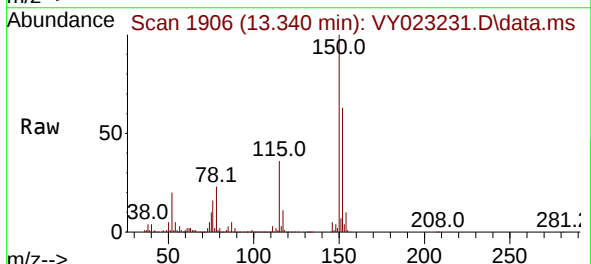
Tgt Ion:152 Resp: 331319

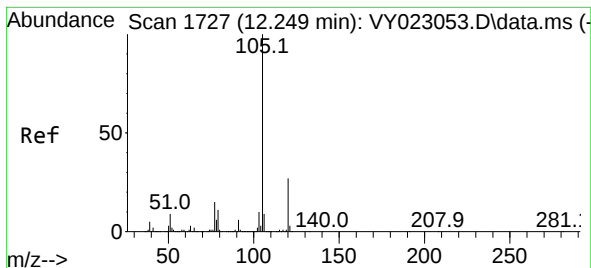
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

150 173.2 0.0 348.0





#73

Isopropylbenzene

Concen: 44.961 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

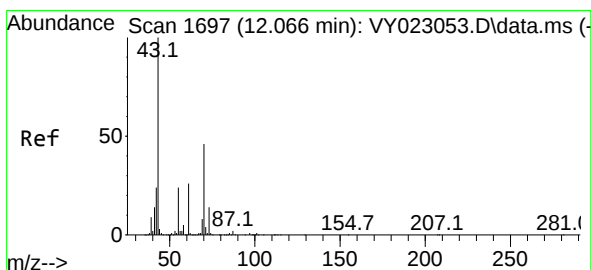
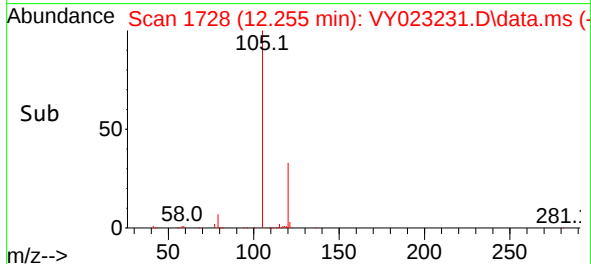
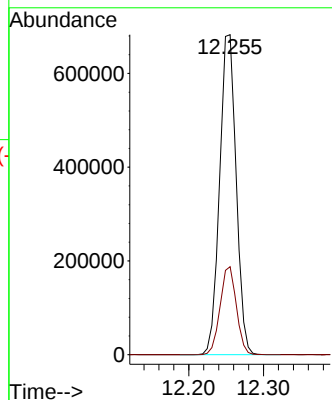
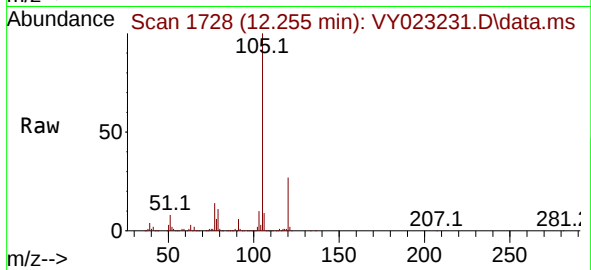
VSTDCCC050EC

Tgt Ion:105 Resp: 1051372

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 39.849 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Tgt Ion: 43 Resp: 197614

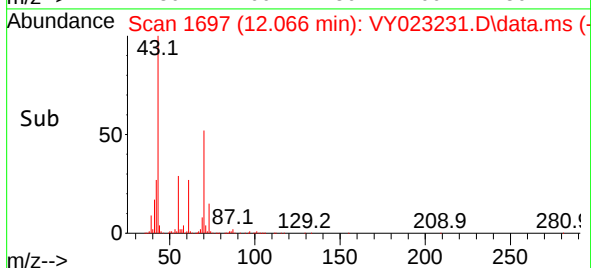
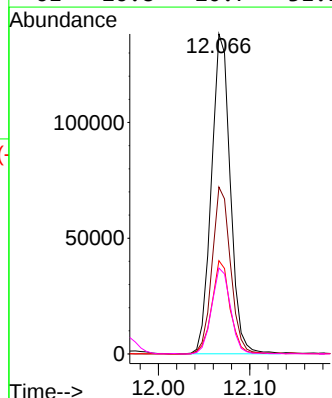
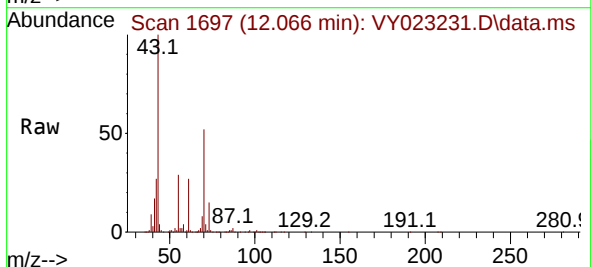
Ion Ratio Lower Upper

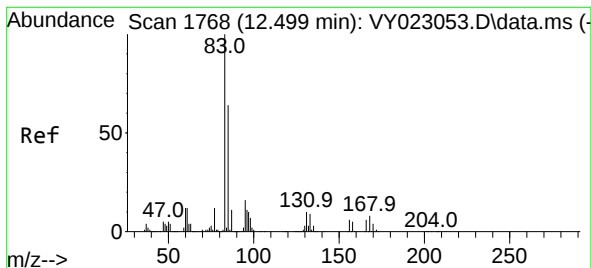
43 100

70 51.4 37.5 56.3

55 28.4 20.7 31.1

61 26.8 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 39.762 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

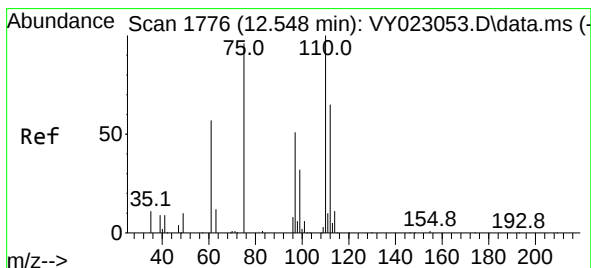
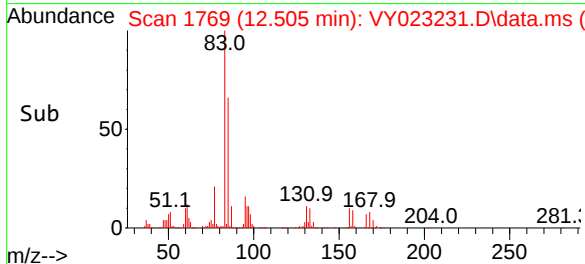
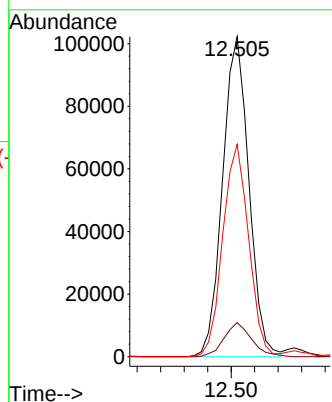
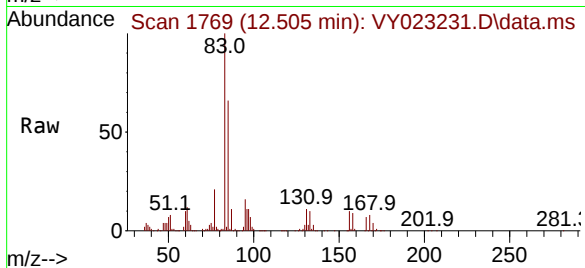
Tgt Ion: 83 Resp: 158763

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 65.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 72.936 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023231.D

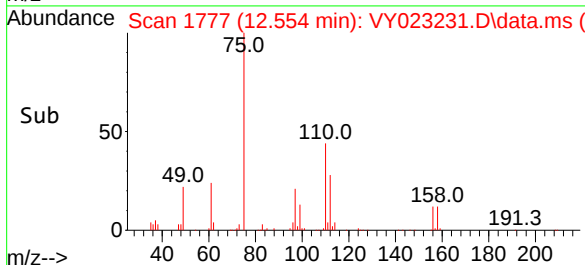
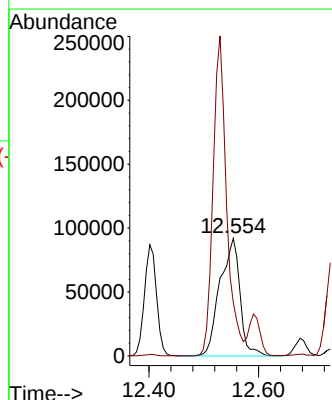
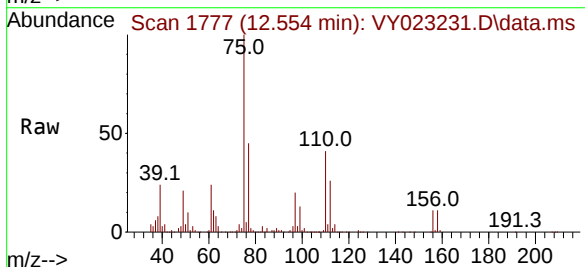
Acq: 28 Aug 2025 17:01

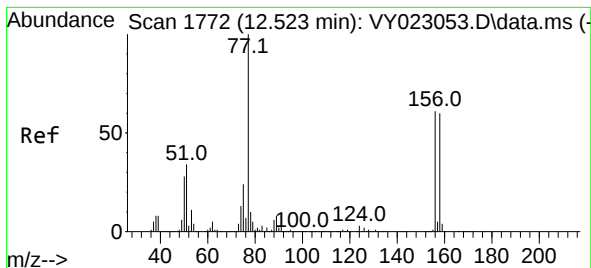
Tgt Ion: 75 Resp: 233219

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.868 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

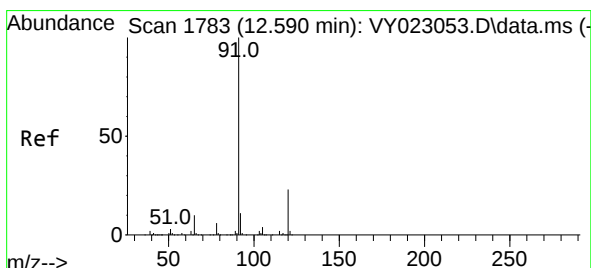
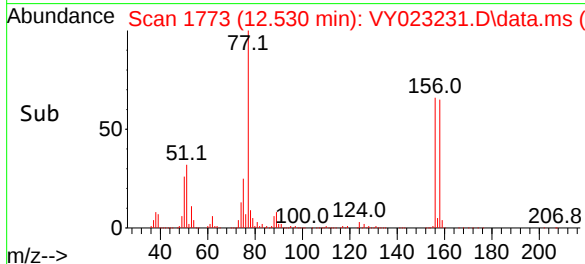
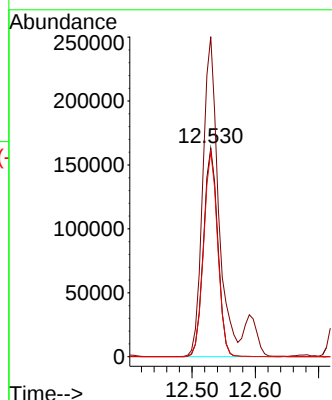
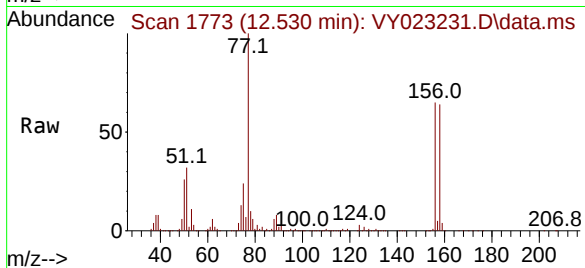
Tgt Ion:156 Resp: 255884

Ion Ratio Lower Upper

156 100

77 167.7 88.1 264.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 44.767 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023231.D

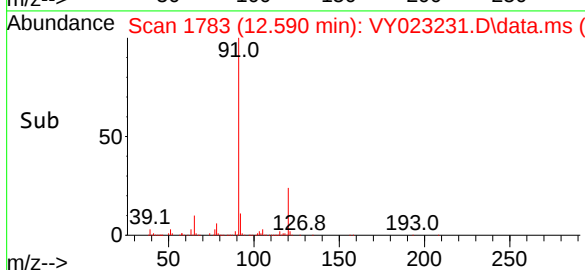
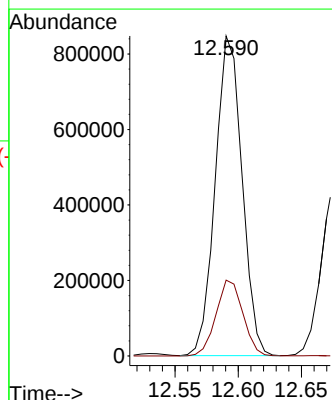
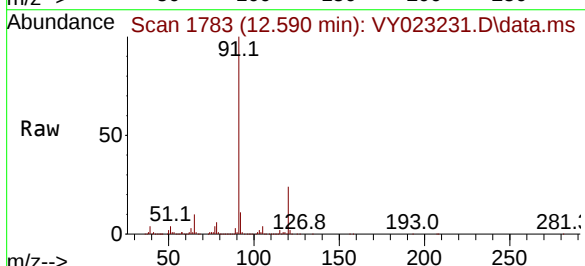
Acq: 28 Aug 2025 17:01

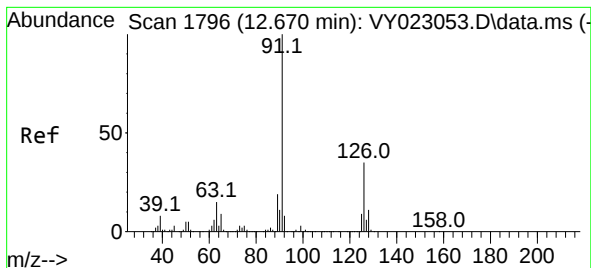
Tgt Ion: 91 Resp: 1246318

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.5

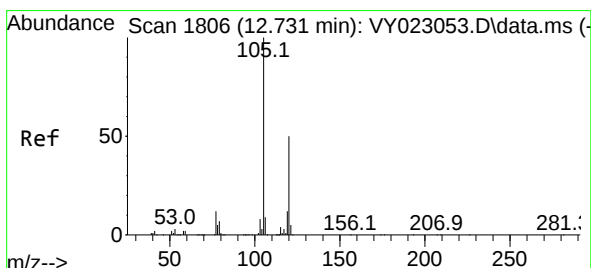
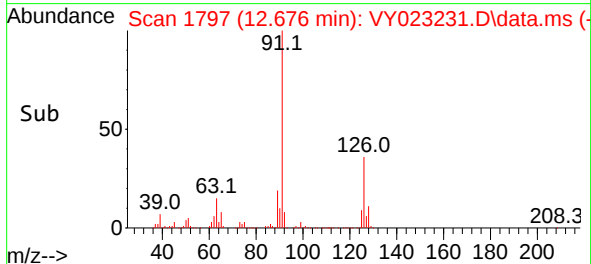
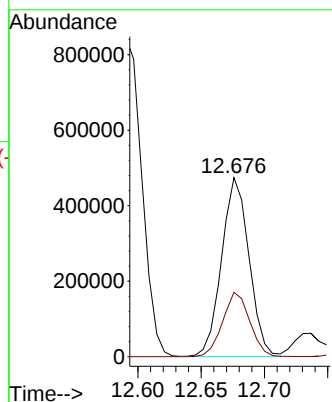
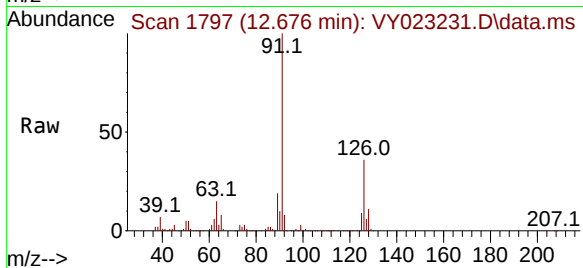




#79
2-Chlorotoluene
Concen: 44.743 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

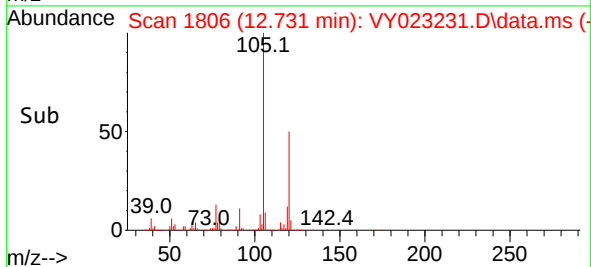
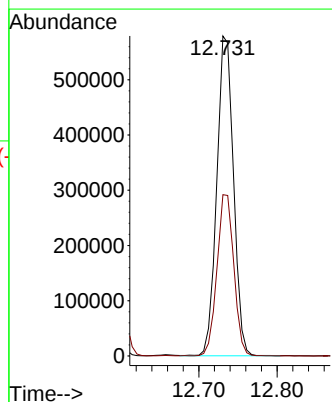
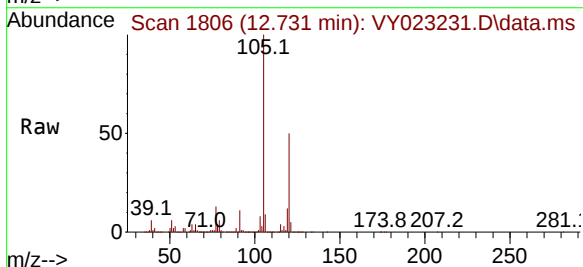
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

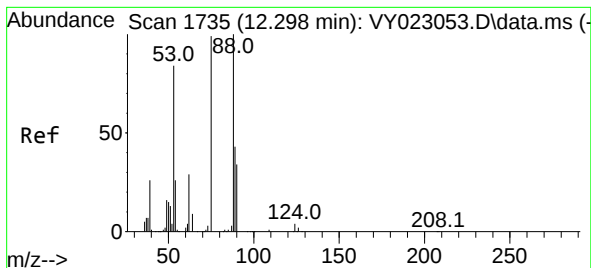
Tgt Ion: 91 Resp: 713718
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 45.483 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 105 Resp: 859583
Ion Ratio Lower Upper
105 100
120 50.8 24.8 74.4

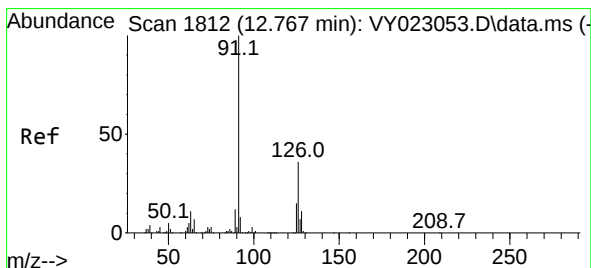
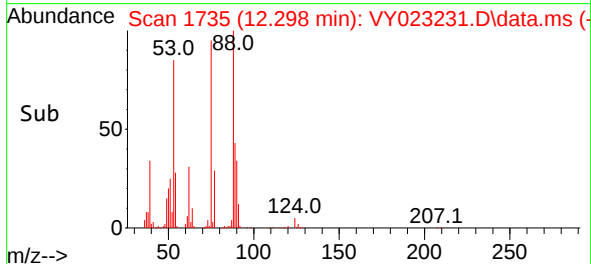
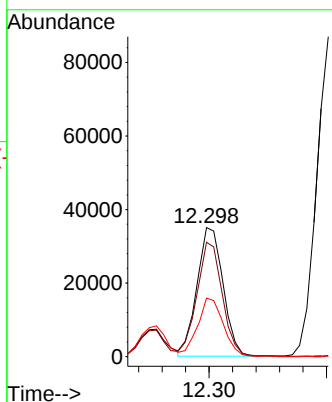
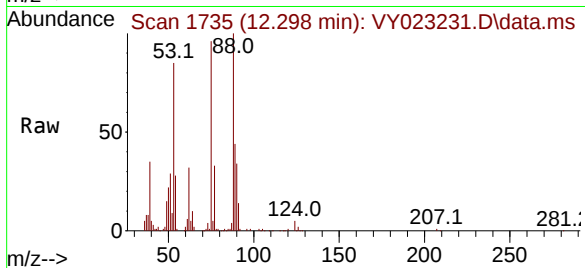




#81
trans-1,4-Dichloro-2-butene
Concen: 40.862 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

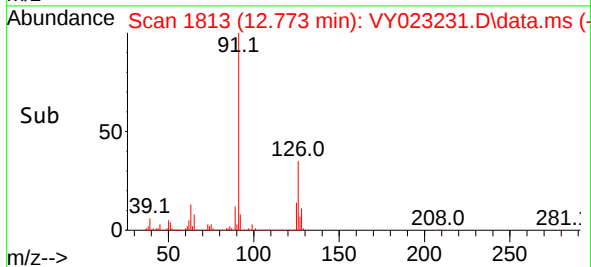
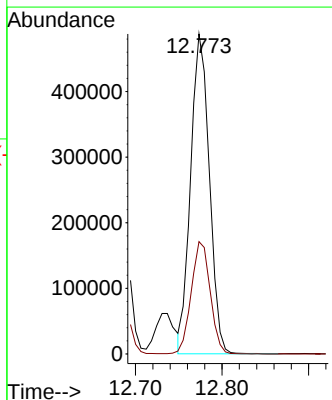
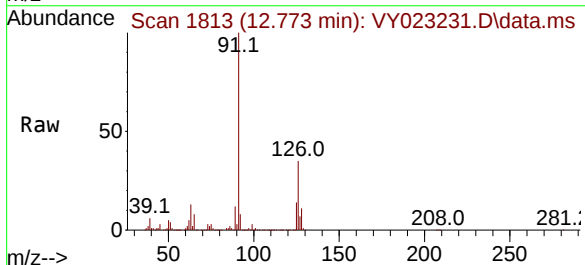
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

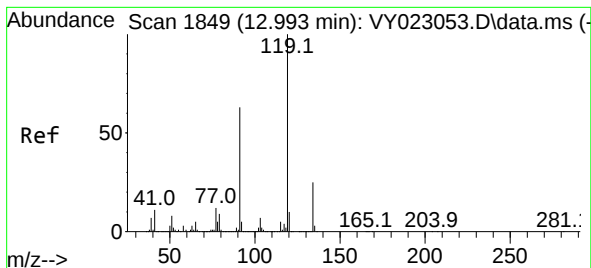
Tgt Ion: 75 Resp: 53977
Ion Ratio Lower Upper
75 100
53 86.6 70.8 106.2
89 45.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 44.158 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 91 Resp: 730716
Ion Ratio Lower Upper
91 100
126 35.7 17.3 52.0

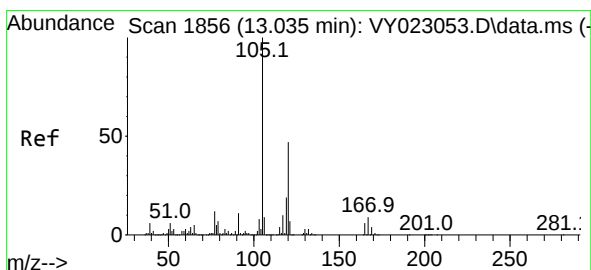
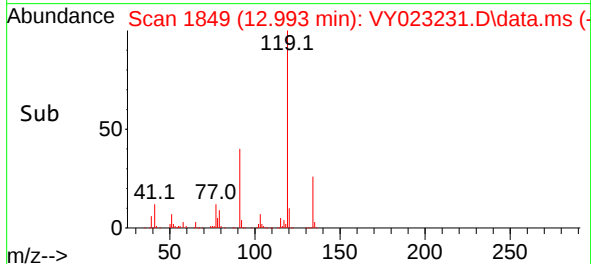
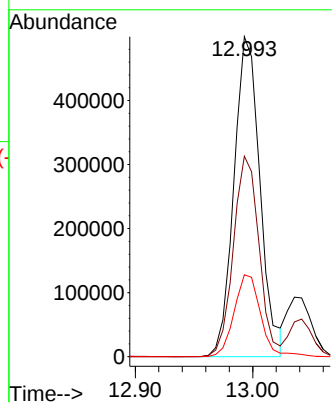
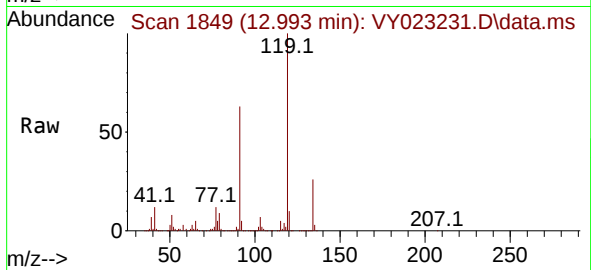




#83
 tert-Butylbenzene
 Concen: 45.155 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023231.D
 Acq: 28 Aug 2025 17:01

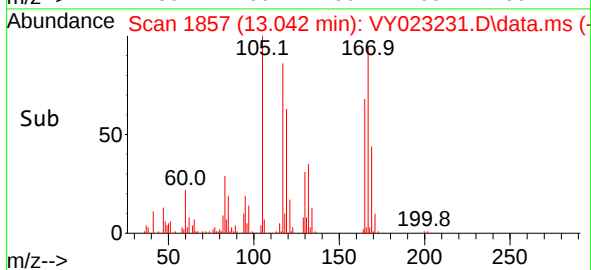
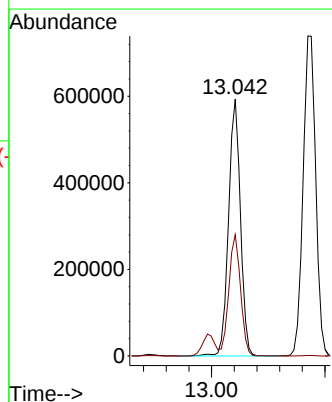
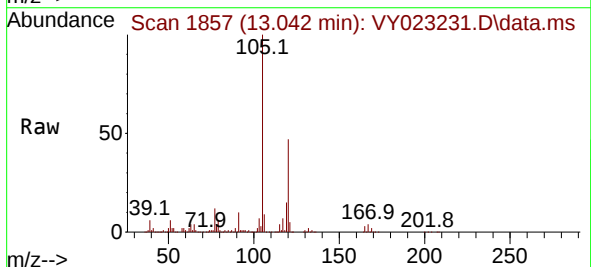
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

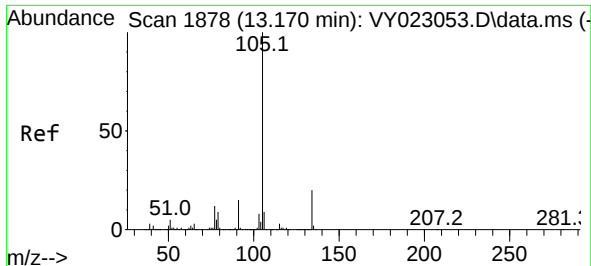
Tgt Ion:119 Resp: 770738
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.6 94.8
 134 26.1 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 45.751 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023231.D
 Acq: 28 Aug 2025 17:01

Tgt Ion:105 Resp: 860718
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.0 69.0

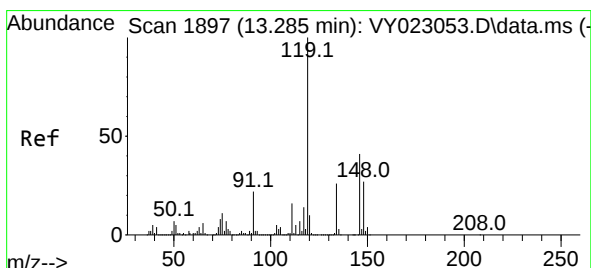
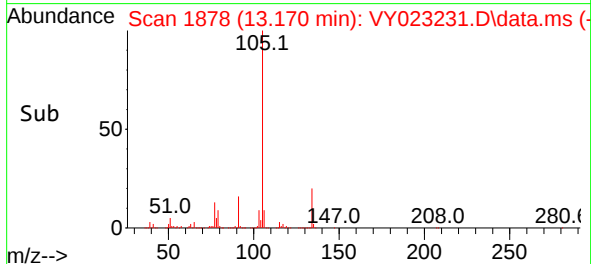
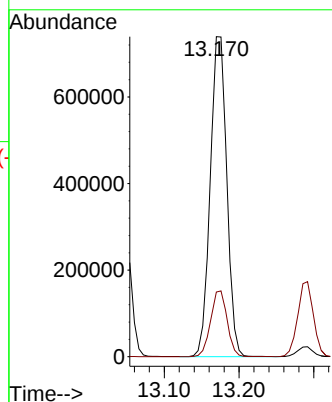
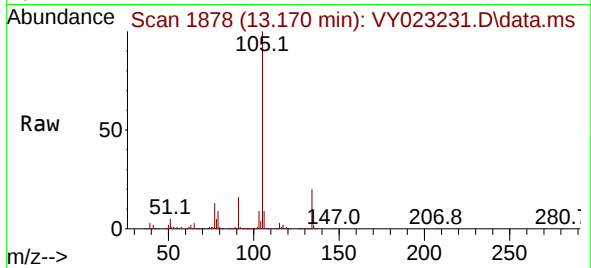




#85
 sec-Butylbenzene
 Concen: 45.434 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023231.D
 Acq: 28 Aug 2025 17:01

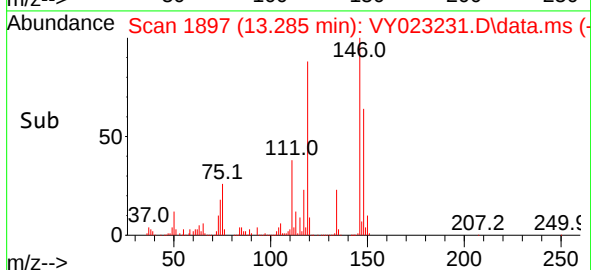
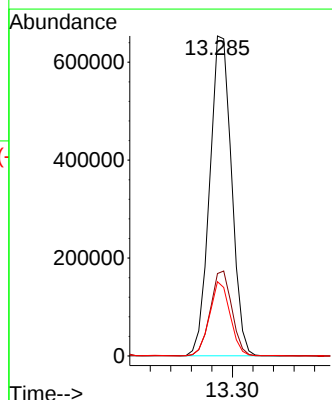
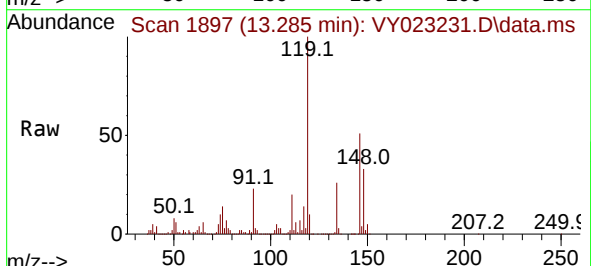
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

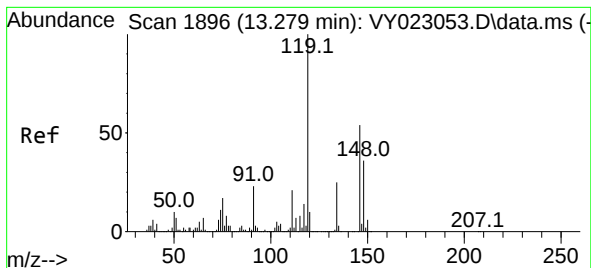
Tgt Ion:105 Resp: 1139199
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 46.255 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023231.D
 Acq: 28 Aug 2025 17:01

Tgt Ion:119 Resp: 962687
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 45.668 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

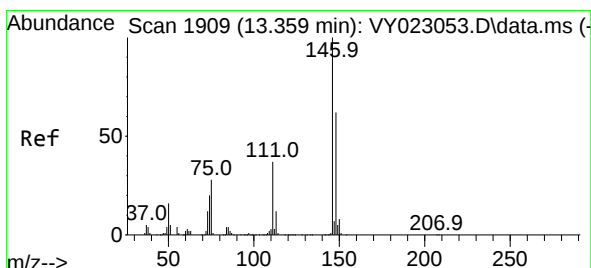
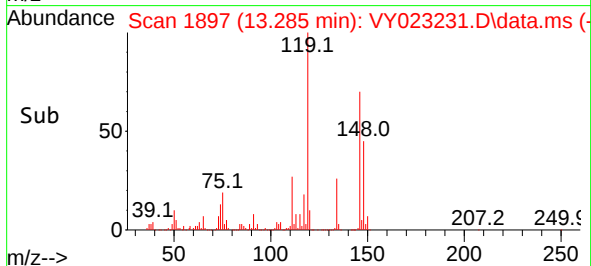
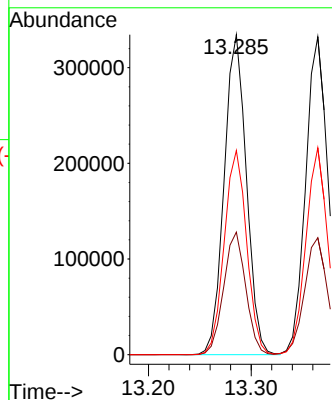
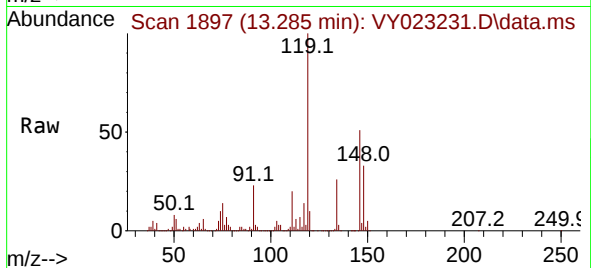
Tgt Ion:146 Resp: 502415

Ion Ratio Lower Upper

146 100

111 38.0 19.6 58.7

148 64.3 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 45.645 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

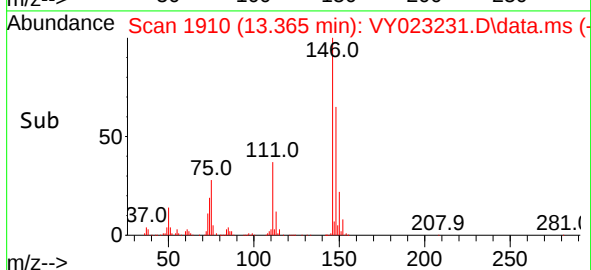
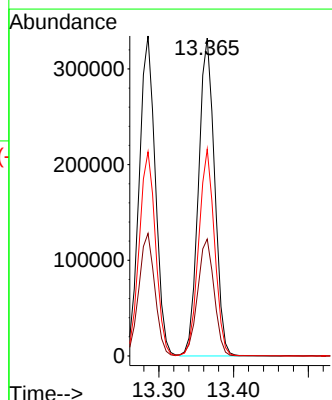
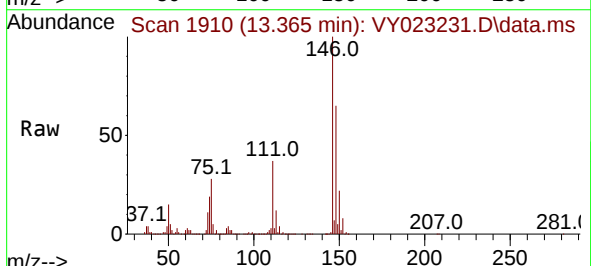
Tgt Ion:146 Resp: 498134

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 44.547 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

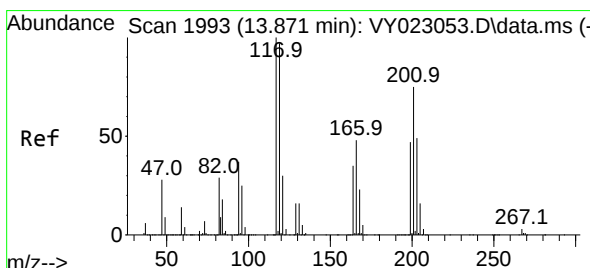
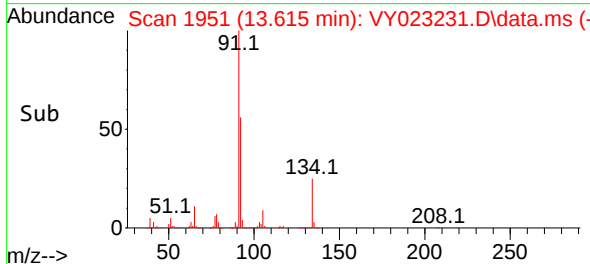
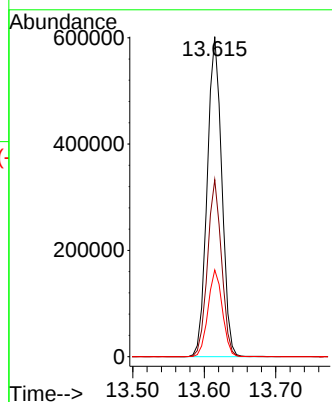
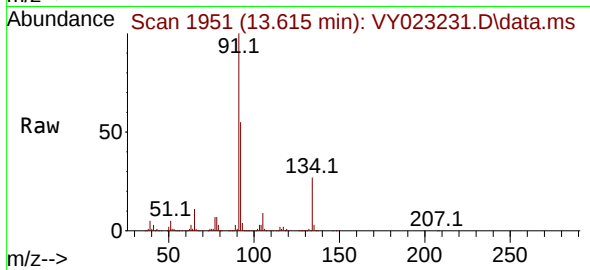
Tgt Ion: 91 Resp: 851525

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 26.7 13.2 39.5



#90

Hexachloroethane

Concen: 46.448 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023231.D

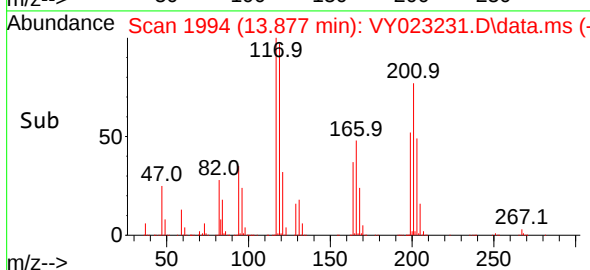
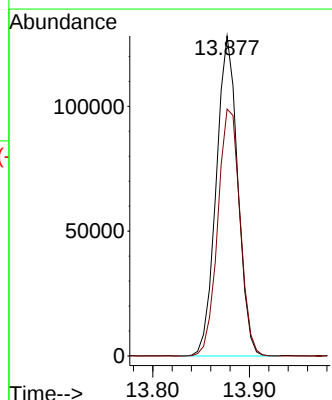
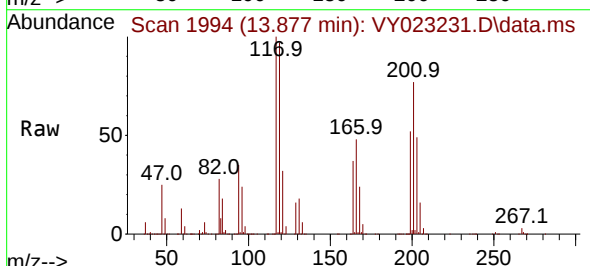
Acq: 28 Aug 2025 17:01

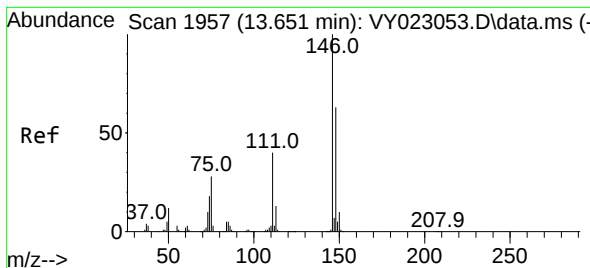
Tgt Ion: 117 Resp: 197894

Ion Ratio Lower Upper

117 100

201 79.8 38.4 115.1

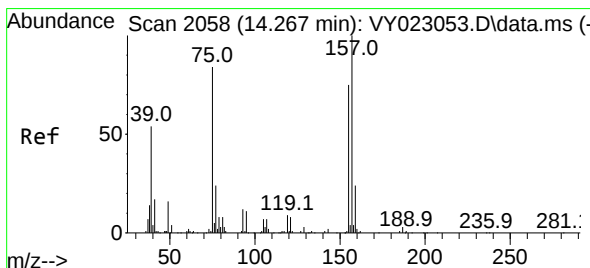
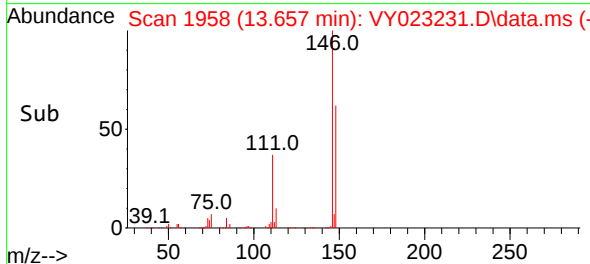
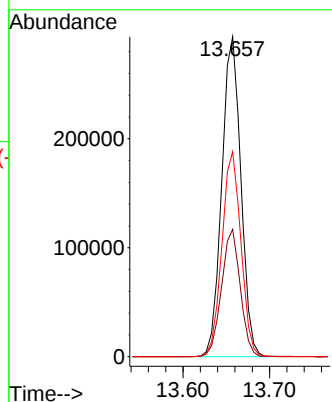
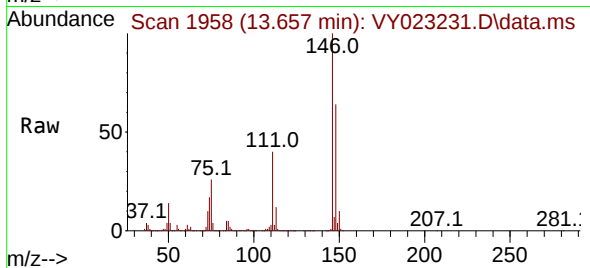




#91
1,2-Dichlorobenzene
Concen: 46.607 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

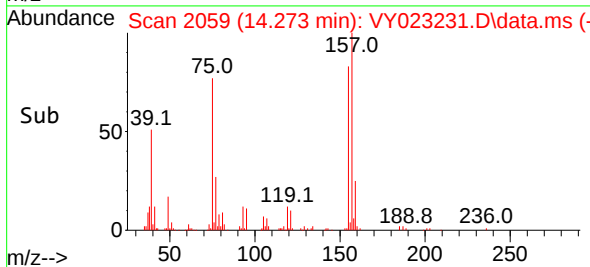
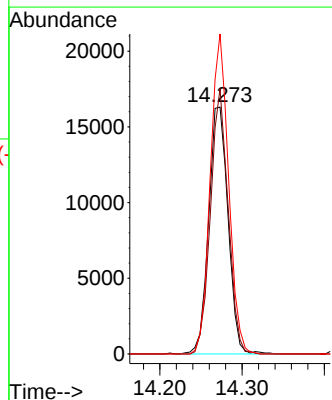
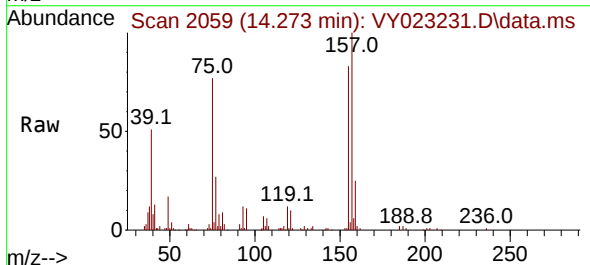
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

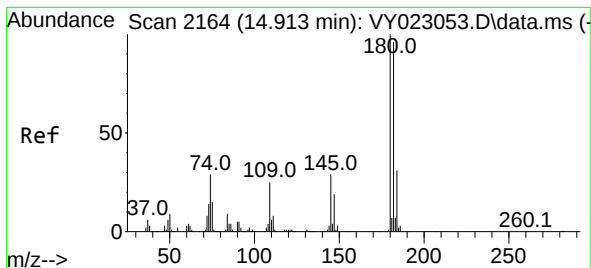
Tgt Ion:146 Resp: 449674
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.8
148 63.8 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.898 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023231.D
Acq: 28 Aug 2025 17:01

Tgt Ion: 75 Resp: 26668
Ion Ratio Lower Upper
75 100
155 98.0 43.9 131.6
157 121.7 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 44.887 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

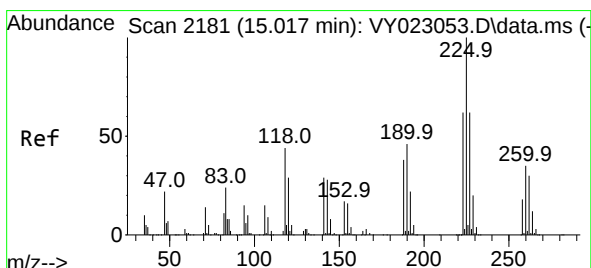
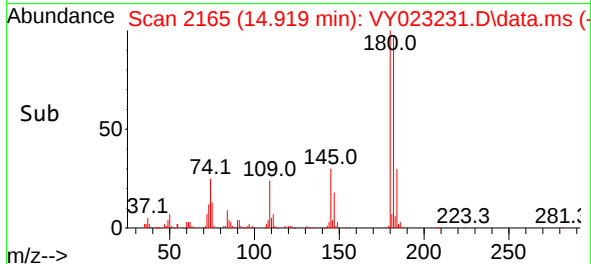
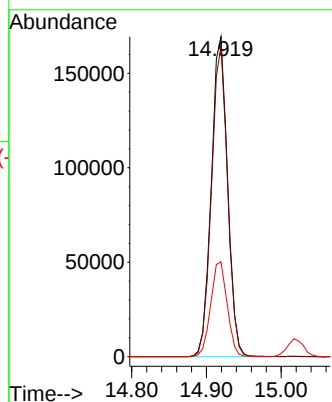
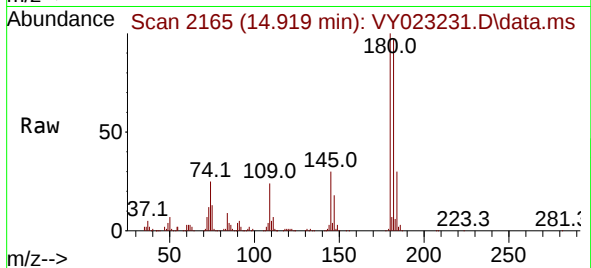
Tgt Ion:180 Resp: 256106

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.4

145 30.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 46.212 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

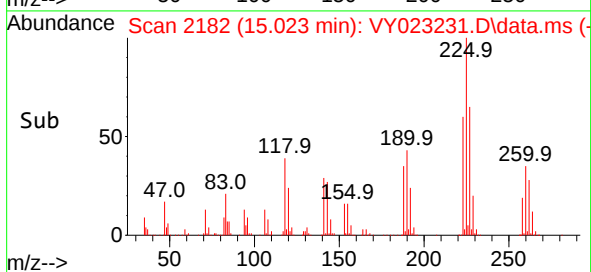
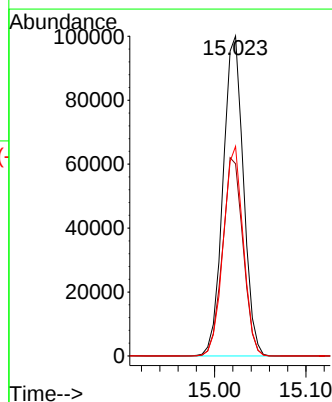
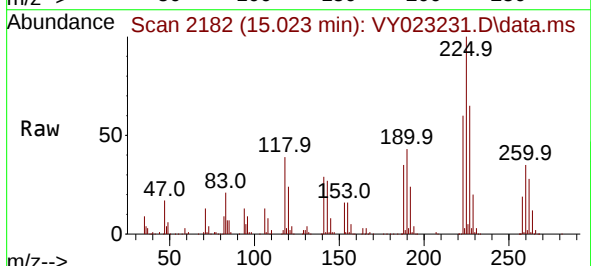
Tgt Ion:225 Resp: 154939

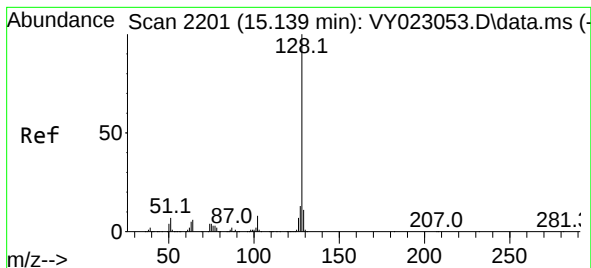
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

227 64.0 31.5 94.5





#95

Naphthalene

Concen: 45.486 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

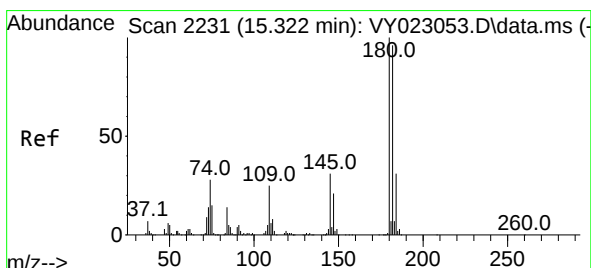
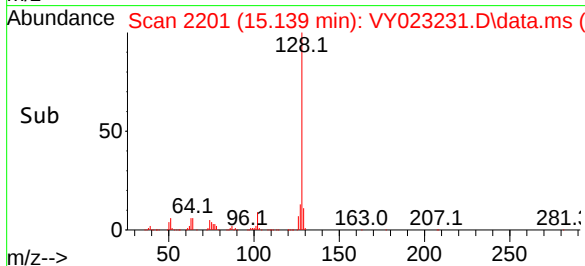
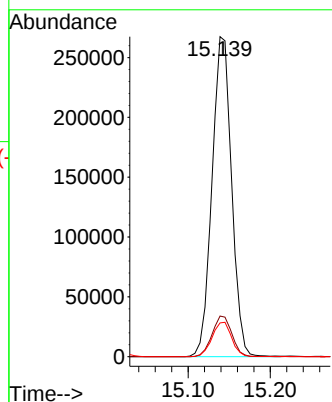
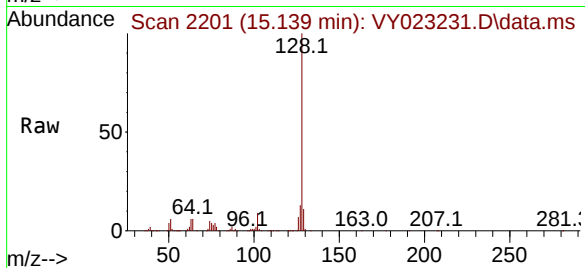
Tgt Ion:128 Resp: 442540

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 45.720 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023231.D

Acq: 28 Aug 2025 17:01

Tgt Ion:180 Resp: 224782

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.2 15.9 47.7

