

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023290.D
 Acq On : 05 Sep 2025 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:51:56 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	501956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	731150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	649223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	340704	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	207161	43.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.600%
35) Dibromofluoromethane	7.634	113	225866	51.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.103	98	855390	50.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.402	95	278218	50.617	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	165215	40.323	ug/l	98
3) Chloromethane	2.068	50	266135	40.103	ug/l	99
4) Vinyl Chloride	2.202	62	363406	44.300	ug/l	99
5) Bromomethane	2.592	94	281977	46.026	ug/l	100
6) Chloroethane	2.732	64	254699	46.701	ug/l	99
7) Trichlorofluoromethane	3.050	101	483079	48.430	ug/l	98
8) Diethyl Ether	3.452	74	120703	45.738	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	252101	51.229	ug/l	97
10) Methyl Iodide	4.001	142	277528	52.263	ug/l	98
11) Tert butyl alcohol	4.860	59	92663	282.687	ug/l	100
12) 1,1-Dichloroethene	3.787	96	233027	48.175	ug/l	91
13) Acrolein	3.647	56	14528	30.263	ug/l	97
14) Allyl chloride	4.379	41	301089	42.303	ug/l	97
15) Acrylonitrile	5.055	53	251451	234.369	ug/l	99
16) Acetone	3.866	43	264498	255.202	ug/l	97
17) Carbon Disulfide	4.104	76	675072	42.802	ug/l	100
18) Methyl Acetate	4.379	43	141780	45.969	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	587197	46.847	ug/l	99
20) Methylene Chloride	4.610	84	260383	48.253	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	268896	49.467	ug/l	92
22) Diisopropyl ether	6.019	45	691395	44.703	ug/l	97
23) Vinyl Acetate	5.958	43	1890943	221.110	ug/l	97
24) 1,1-Dichloroethane	5.915	63	445636	47.128	ug/l	98
25) 2-Butanone	6.890	43	328435	233.002	ug/l	95
26) 2,2-Dichloropropane	6.884	77	413000	50.617	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	311495	49.568	ug/l	94
28) Bromochloromethane	7.244	49	166690	44.433	ug/l	88
29) Tetrahydrofuran	7.262	42	197018	225.488	ug/l	95
30) Chloroform	7.421	83	486225	49.858	ug/l	95
31) Cyclohexane	7.701	56	376351	42.236	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	437650	50.577	ug/l	99
36) 1,1-Dichloropropene	7.835	75	339196	52.169	ug/l	97
37) Ethyl Acetate	6.982	43	133808	48.992	ug/l	98
38) Carbon Tetrachloride	7.817	117	399879	56.625	ug/l	98
39) Methylcyclohexane	9.109	83	446127	52.105	ug/l	95
40) Benzene	8.079	78	1056329	52.712	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	70448	44.693	ug/l	86
42) 1,2-Dichloroethane	8.158	62	264455	50.741	ug/l	99
43) Isopropyl Acetate	8.195	43	262676	47.584	ug/l #	83
44) Trichloroethene	8.866	130	293893	56.751	ug/l	97
45) 1,2-Dichloropropane	9.140	63	237702	51.552	ug/l	99
46) Dibromomethane	9.231	93	143062	54.057	ug/l	95
47) Bromodichloromethane	9.420	83	370449	54.399	ug/l	100
48) Methyl methacrylate	9.219	41	125138	47.373	ug/l	91
49) 1,4-Dioxane	9.225	88	32871	1059.291	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	721339	253.323	ug/l	97
52) Toluene	10.170	92	696413	54.717	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	321944	52.208	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	383584	52.604	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	197217	55.691	ug/l	97
56) Ethyl methacrylate	10.438	69	236734	52.242	ug/l	97
57) 1,3-Dichloropropane	10.713	76	316970	52.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	509076	238.166	ug/l	95
59) 2-Hexanone	10.762	43	515614	265.924	ug/l	99
60) Dibromochloromethane	10.908	129	268027	57.360	ug/l	99
61) 1,2-Dibromoethane	11.012	107	182324	54.778	ug/l	99
64) Tetrachloroethene	10.646	164	351153	60.574	ug/l	99
65) Chlorobenzene	11.438	112	764497	54.592	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	270403	56.894	ug/l	99
67) Ethyl Benzene	11.518	91	1304368	54.125	ug/l	98
68) m/p-Xylenes	11.627	106	1045655	111.095	ug/l	97
69) o-Xylene	11.956	106	488887	55.458	ug/l	98
70) Styrene	11.969	104	821418	56.978	ug/l	97
71) Bromoform	12.133	173	161672	58.202	ug/l #	98
73) Isopropylbenzene	12.255	105	1282983	53.354	ug/l	99
74) N-amyl acetate	12.066	43	237817	46.635	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	204205	49.735	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	277634	84.435	ug/l #	100
77) Bromobenzene	12.530	156	311868	54.363	ug/l	93
78) n-propylbenzene	12.597	91	1526123	53.307	ug/l	98
79) 2-Chlorotoluene	12.676	91	863359	52.634	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1040471	53.538	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	68096	50.131	ug/l	97
82) 4-Chlorotoluene	12.773	91	876364	51.501	ug/l	97
83) tert-Butylbenzene	12.999	119	962501	54.836	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	1041248	53.823	ug/l	99
85) sec-Butylbenzene	13.176	105	1399622	54.283	ug/l	99
86) p-Isopropyltoluene	13.292	119	1180590	55.162	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	616091	54.459	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	603252	53.754	ug/l	99
89) n-Butylbenzene	13.615	91	1063069	54.081	ug/l	99
90) Hexachloroethane	13.877	117	238329	54.397	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	541252	54.553	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32680	51.121	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	328929	56.062	ug/l	99
94) Hexachlorobutadiene	15.023	225	202985	58.875	ug/l	99
95) Naphthalene	15.145	128	546580	54.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	285279	56.426	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

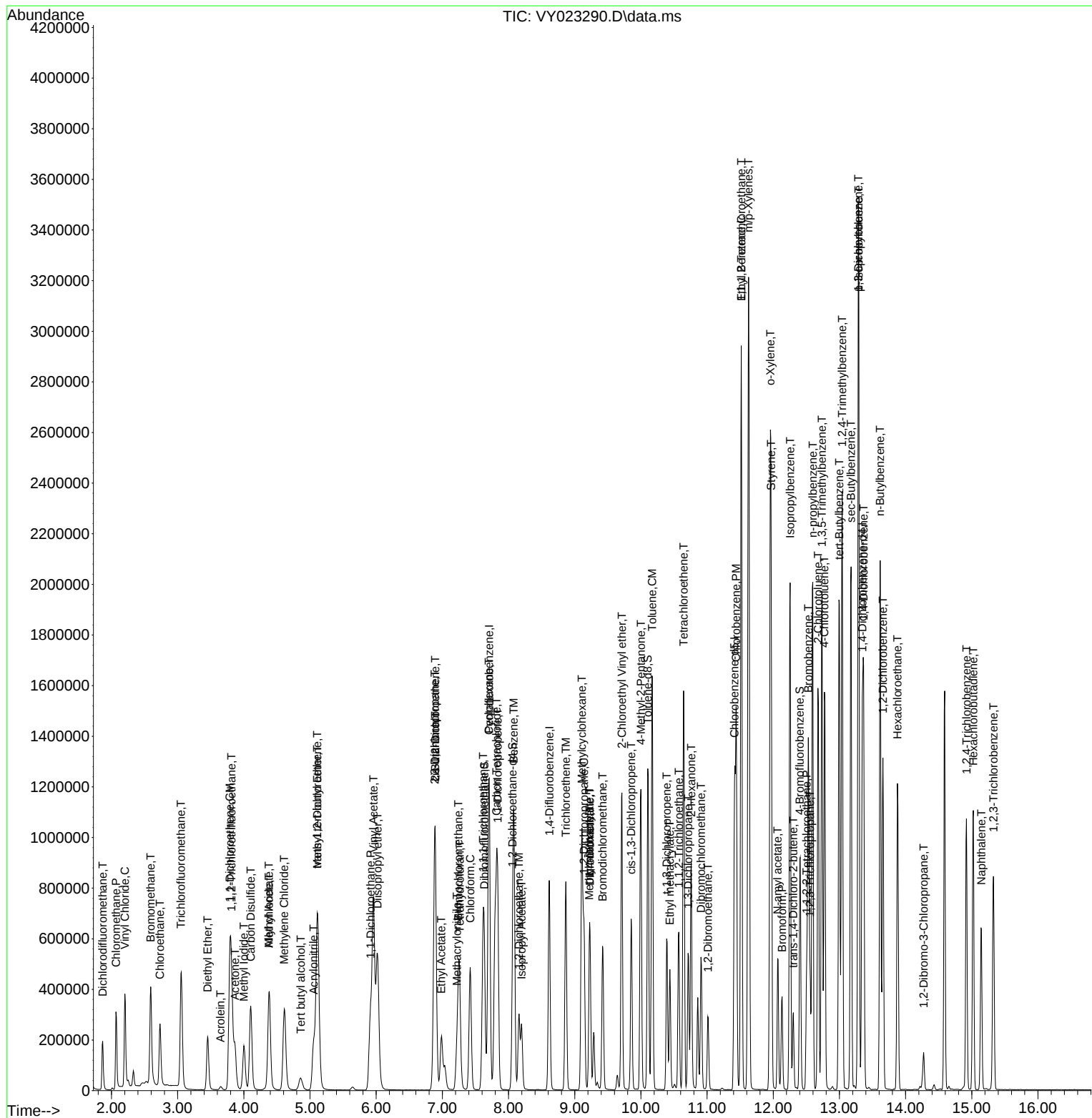
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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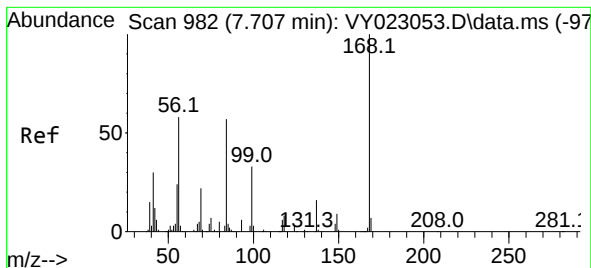
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY023290.D

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Instrument :

MSVOA_Y

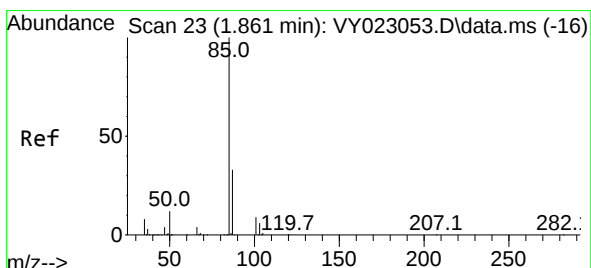
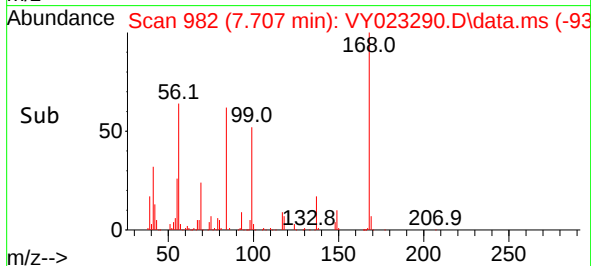
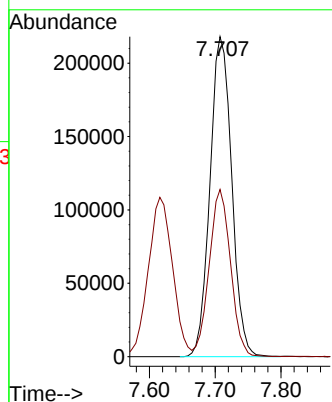
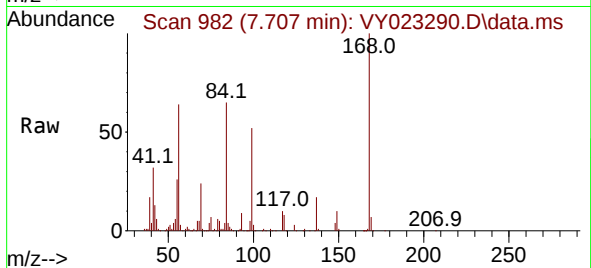
ClientSampleId :

Tgt Ion:168 Resp: 501956

Ion Ratio Lower Upper

168 100

99 52.2 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 40.323 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023290.D

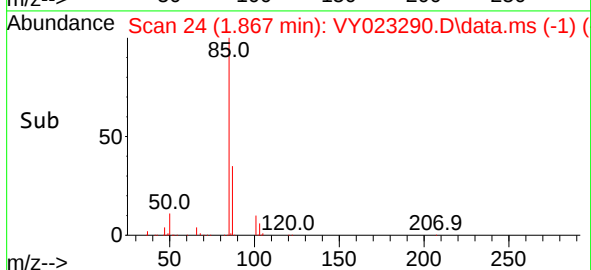
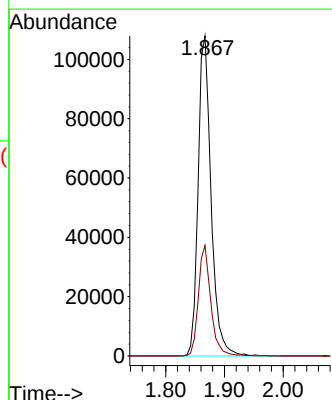
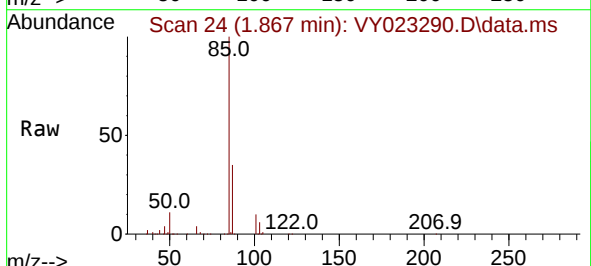
Acq: 05 Sep 2025 09:44

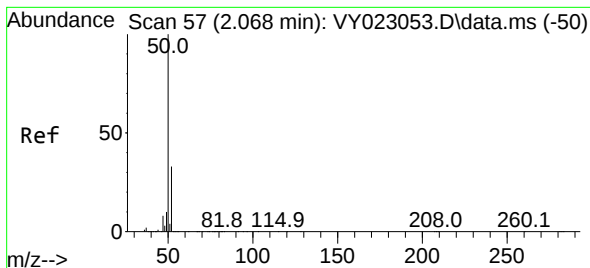
Tgt Ion: 85 Resp: 165215

Ion Ratio Lower Upper

85 100

87 34.6 16.6 49.8

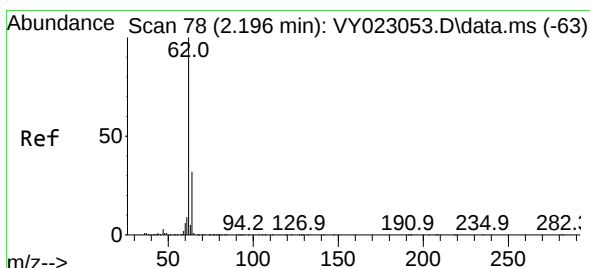
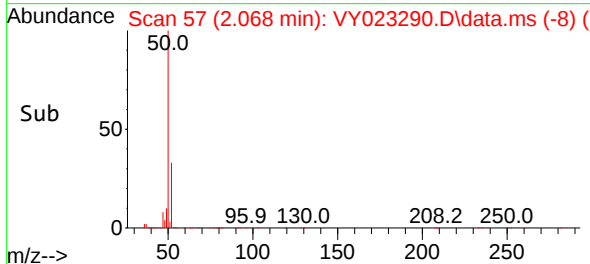
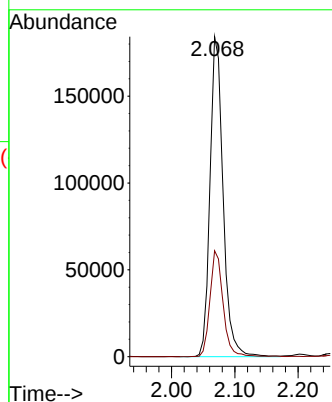
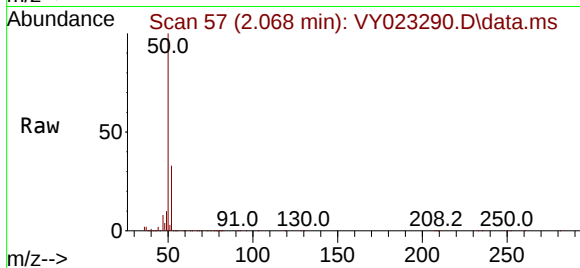




#3
Chloromethane
Concen: 40.103 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

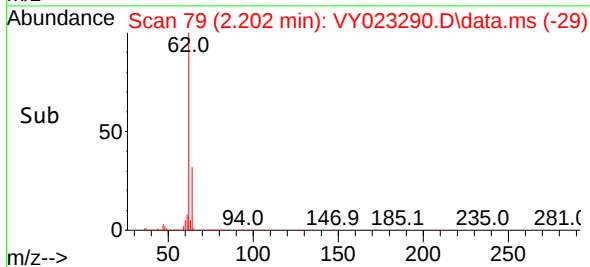
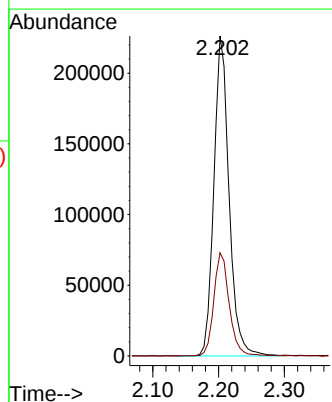
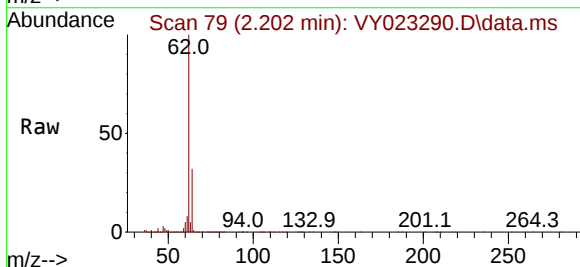
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 266135
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 44.300 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 62 Resp: 363406
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

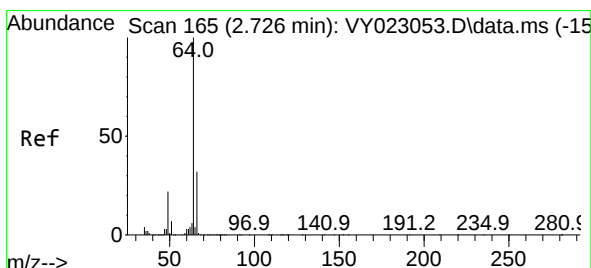
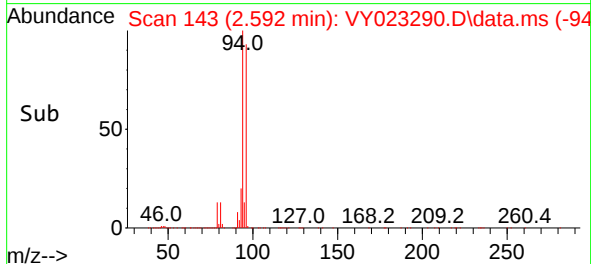
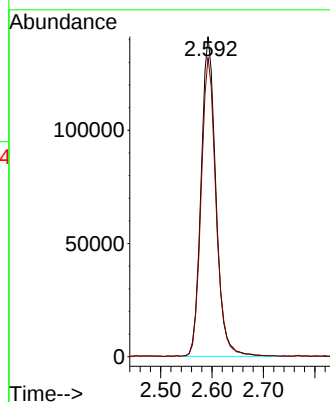
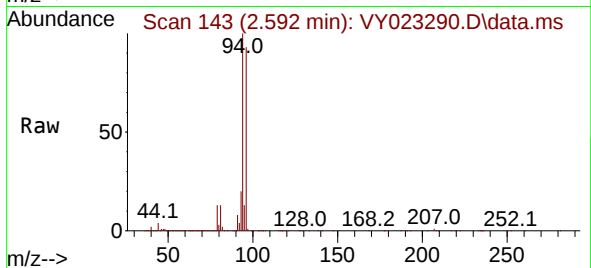




#5
Bromomethane
Concen: 46.026 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

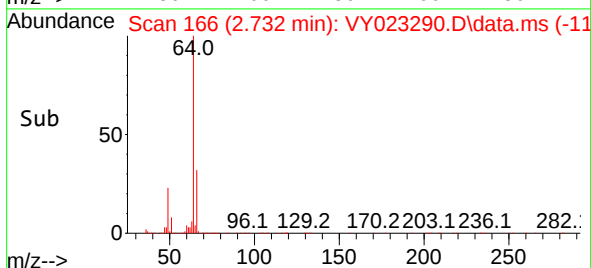
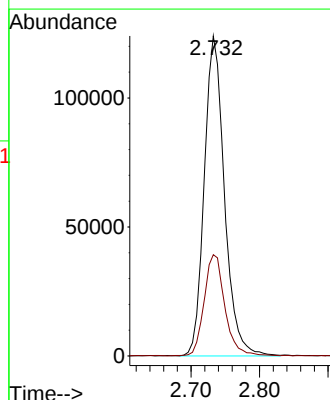
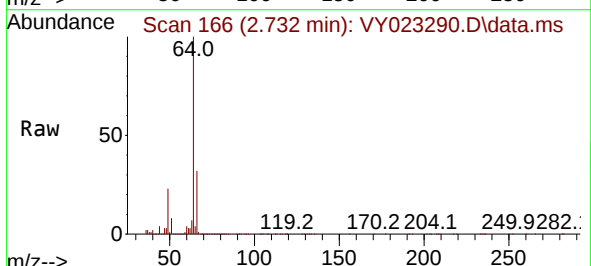
Instrument :
MSVOA_Y
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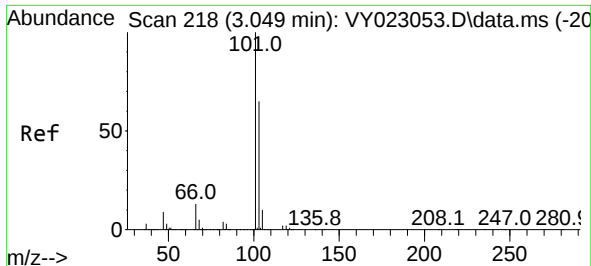
Tgt Ion: 94 Resp: 281977
Ion Ratio Lower Upper
94 100
96 93.4 74.6 112.0



#6
Chloroethane
Concen: 46.701 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 64 Resp: 254699
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.6

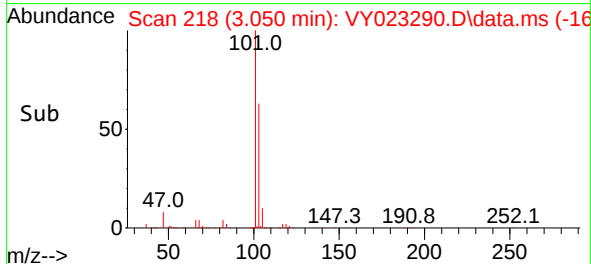
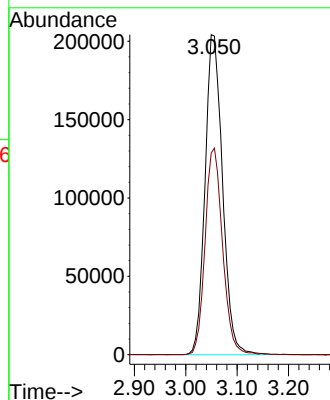
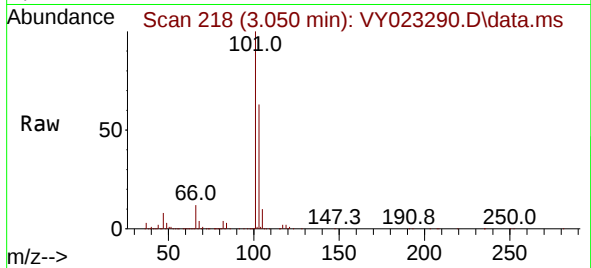




#7
 Trichlorofluoromethane
 Concen: 48.430 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023290.D
 Acq: 05 Sep 2025 09:44

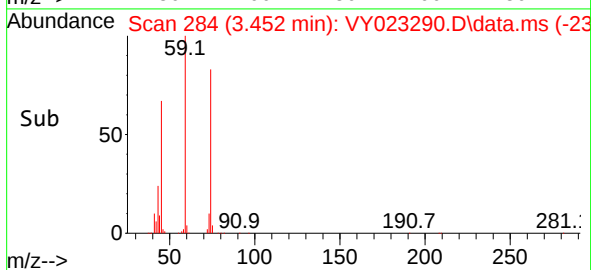
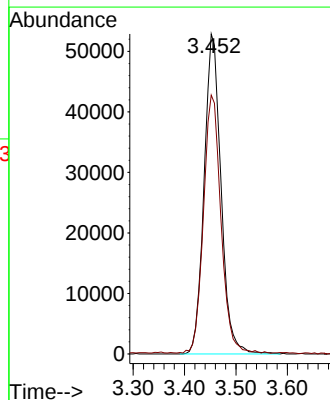
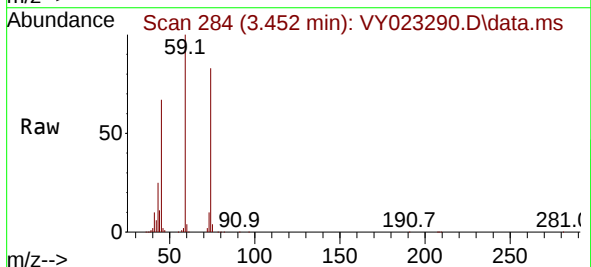
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 483079
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.738 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023290.D
 Acq: 05 Sep 2025 09:44

Tgt Ion: 74 Resp: 120703
 Ion Ratio Lower Upper
 74 100
 45 83.2 44.4 133.2

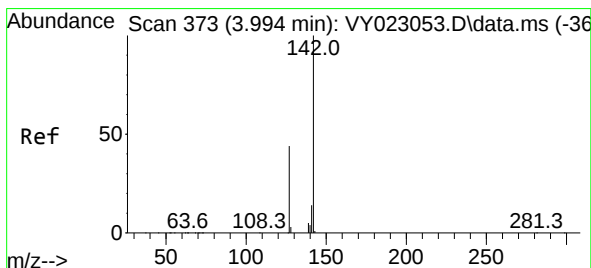
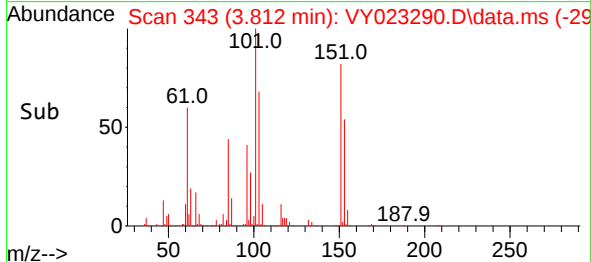
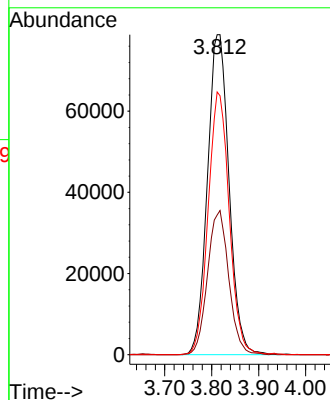
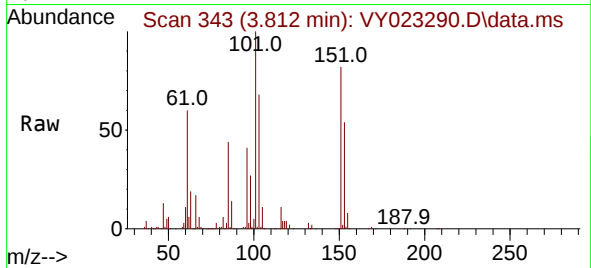




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.229 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023290.D
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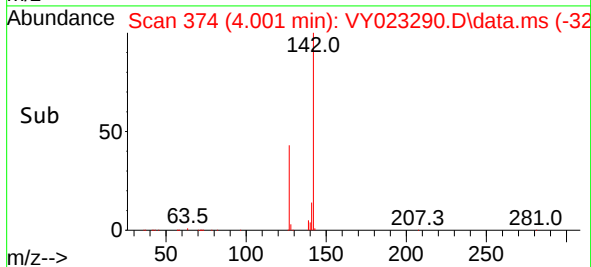
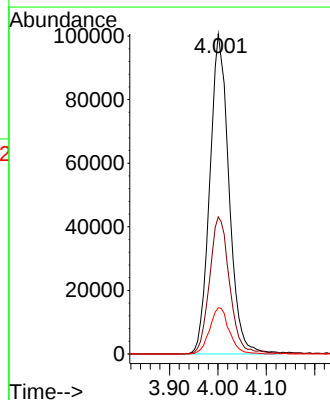
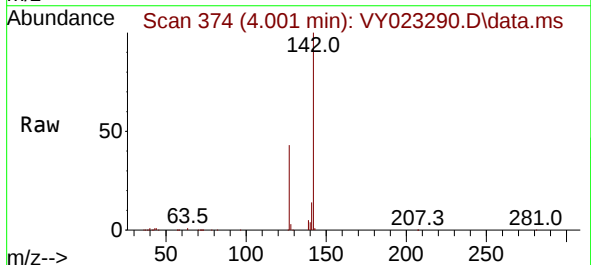
Instrument :
MSVOA_Y
ClientSampleId :

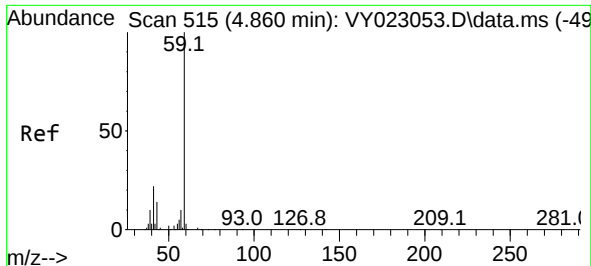
Tgt Ion:101 Resp: 252101
Ion Ratio Lower Upper
101 100
85 44.3 36.3 54.5
151 80.1 61.5 92.3



#10
Methyl Iodide
Concen: 52.263 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:142 Resp: 277528
Ion Ratio Lower Upper
142 100
127 44.9 34.9 52.3
141 14.7 11.3 16.9

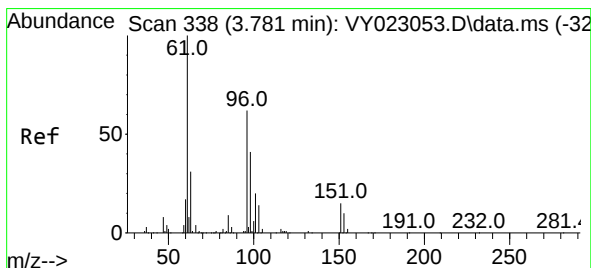
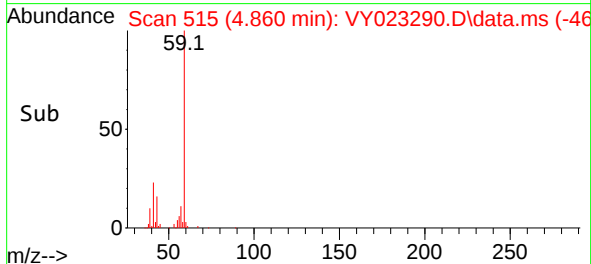
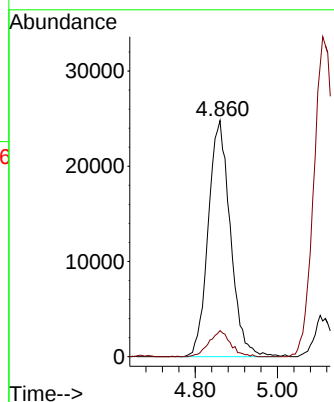
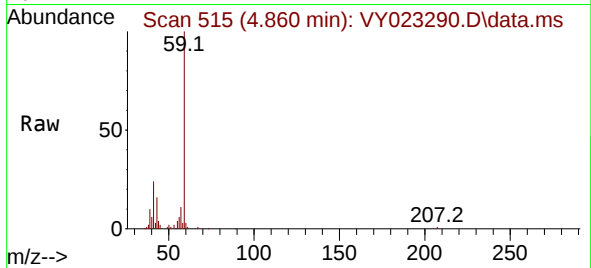




#11
Tert butyl alcohol
Concen: 282.687 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

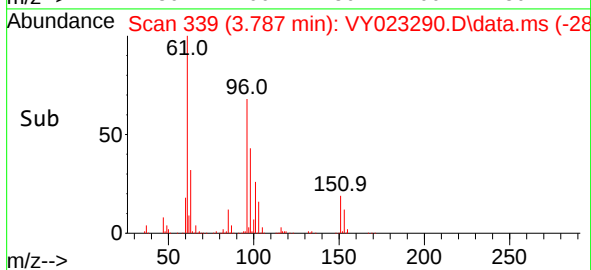
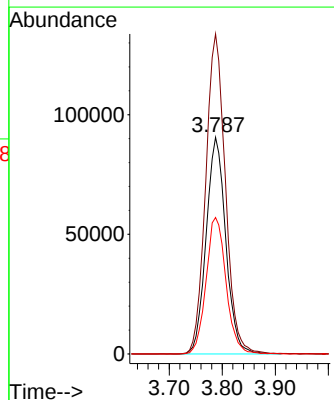
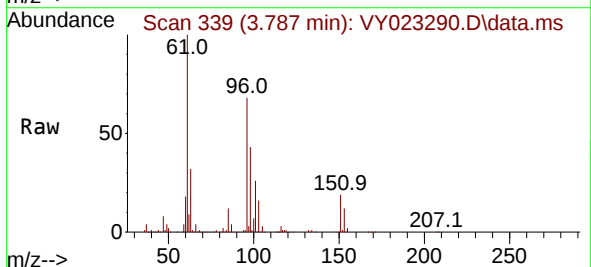
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 92663
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.175 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

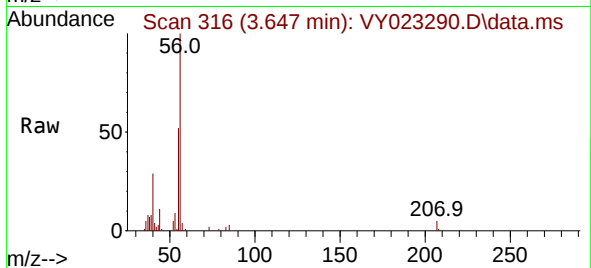
Tgt Ion: 96 Resp: 233027
Ion Ratio Lower Upper
96 100
61 147.6 129.4 194.2
98 63.0 52.8 79.2



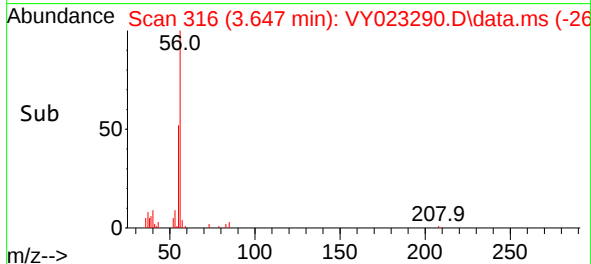
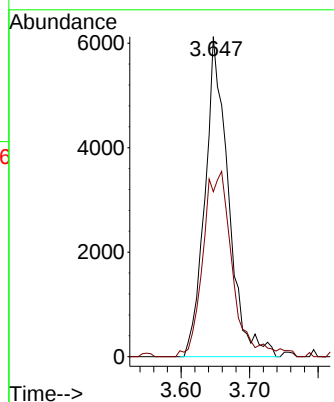


#13
Acrolein
Concen: 30.263 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :

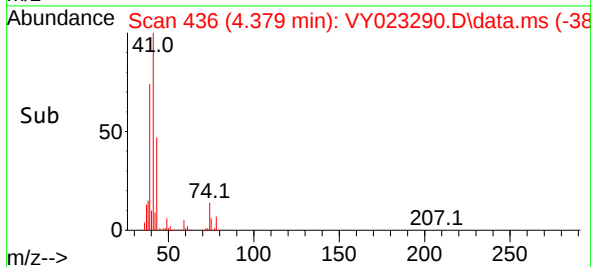
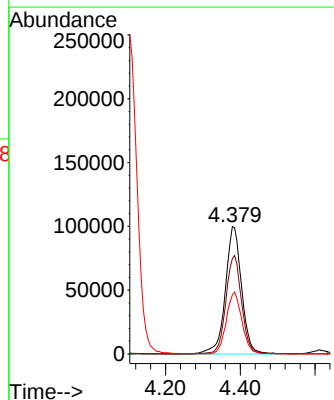
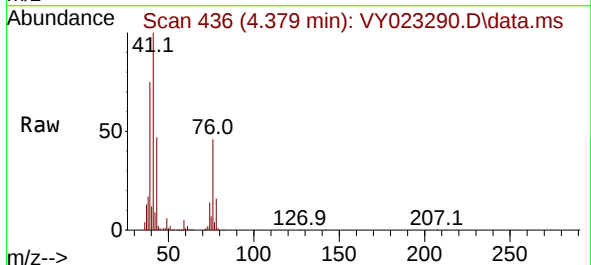


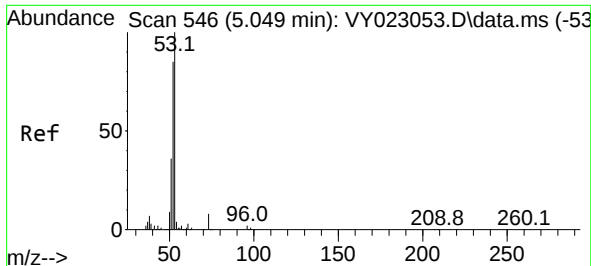
Tgt Ion: 56 Resp: 14528
Ion Ratio Lower Upper
56 100
55 71.8 55.2 82.8



#14
Allyl chloride
Concen: 42.303 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

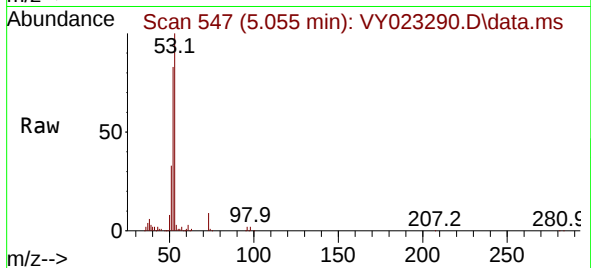
Tgt Ion: 41 Resp: 301089
Ion Ratio Lower Upper
41 100
39 75.1 59.8 89.6
76 46.6 33.7 50.5



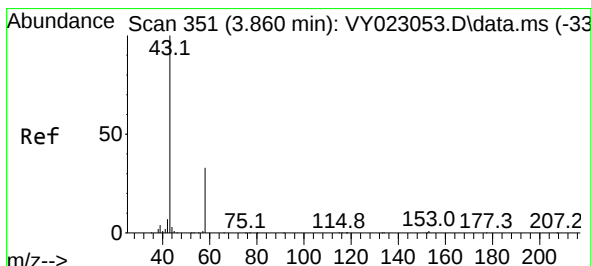
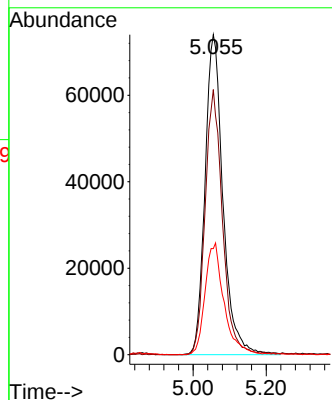
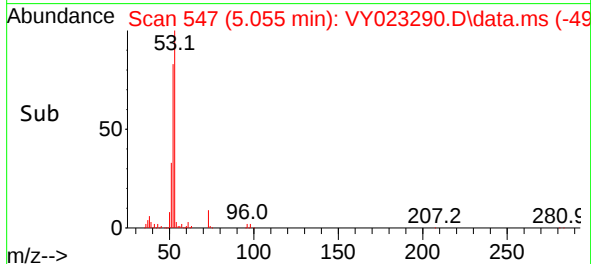


#15
Acrylonitrile
Concen: 234.369 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :

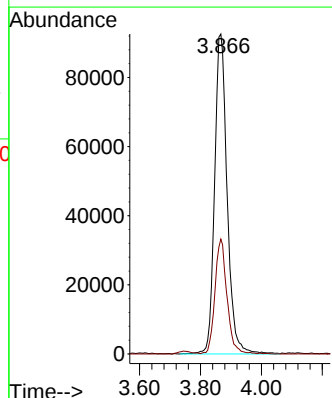
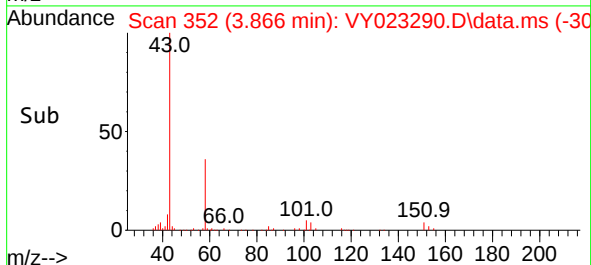
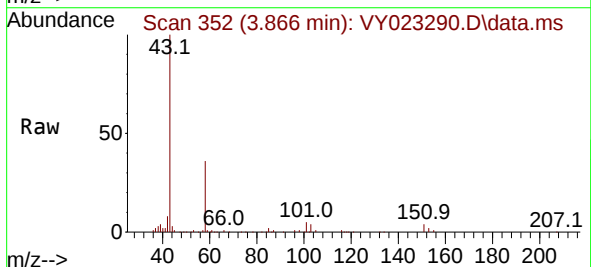


Tgt Ion: 53 Resp: 251451
Ion Ratio Lower Upper
53 100
52 79.7 65.3 97.9
51 36.8 29.5 44.3



#16
Acetone
Concen: 255.202 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 43 Resp: 264498
Ion Ratio Lower Upper
43 100
58 35.9 27.1 40.7

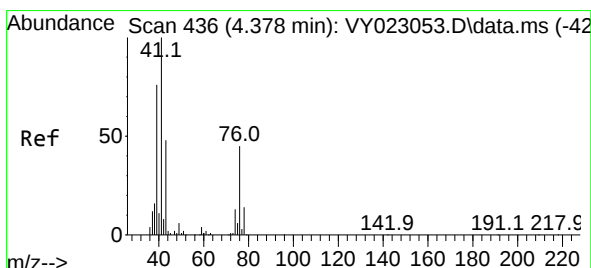
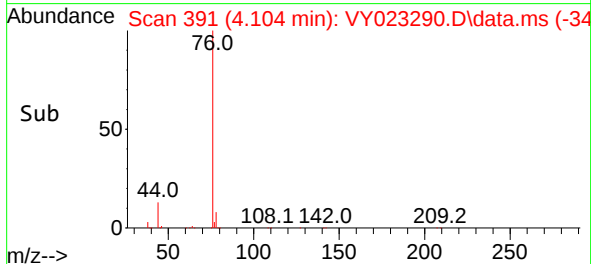
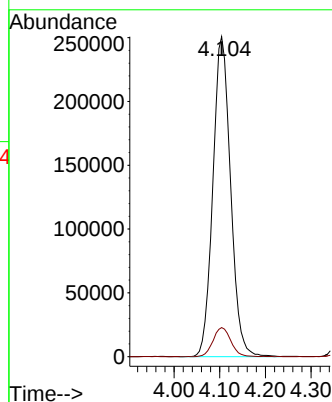
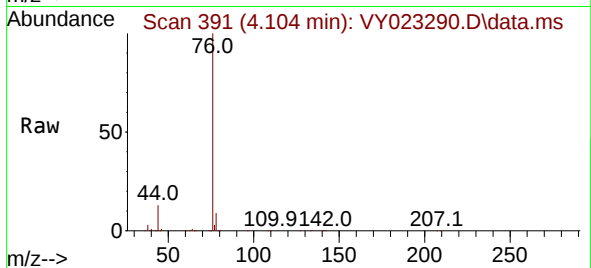




#17
Carbon Disulfide
Concen: 42.802 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

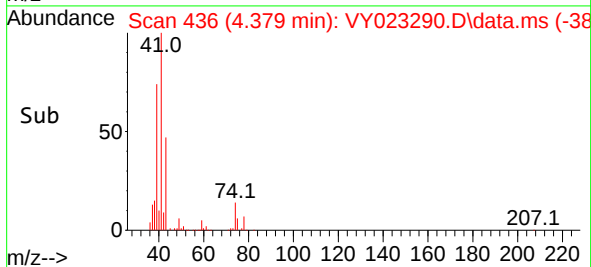
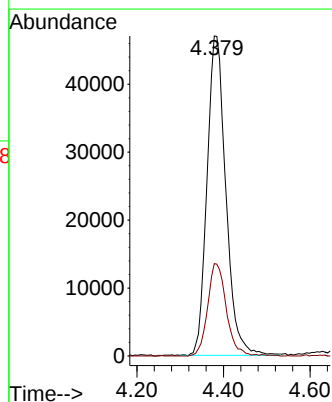
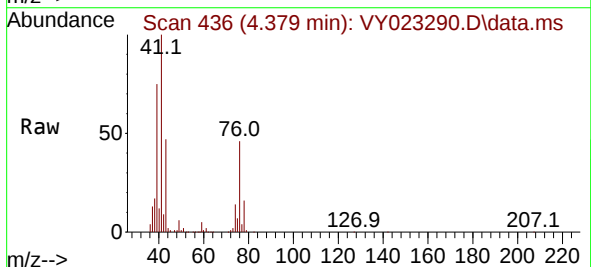
Instrument :
MSVOA_Y
ClientSampleId :

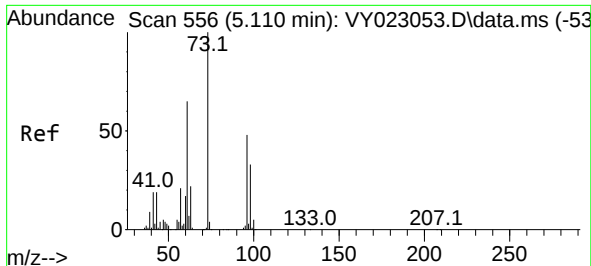
Tgt Ion: 76 Resp: 675072
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 45.969 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 43 Resp: 141780
Ion Ratio Lower Upper
43 100
74 28.6 21.2 31.8

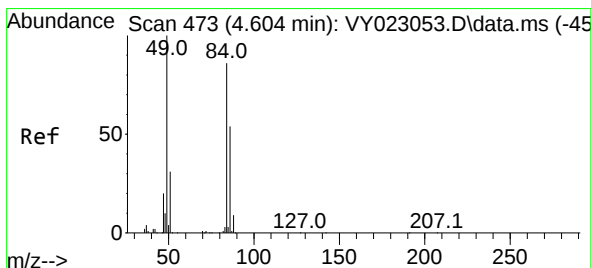
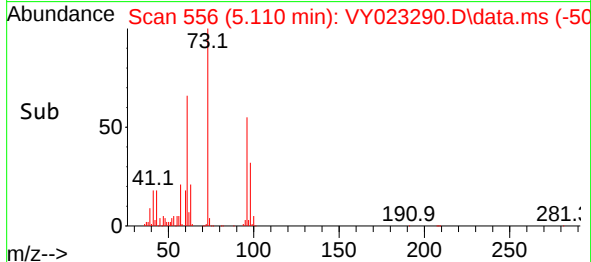
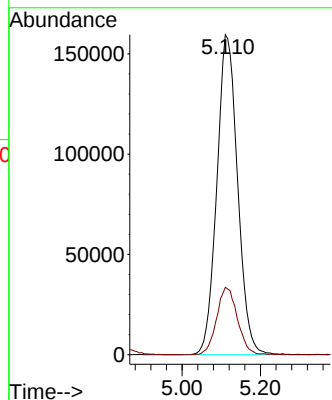
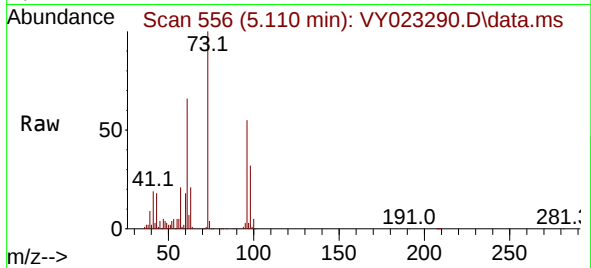




#19
Methyl tert-butyl Ether
Concen: 46.847 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

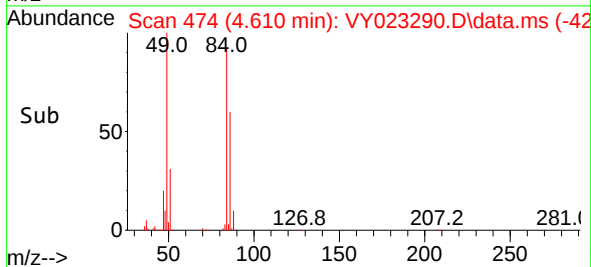
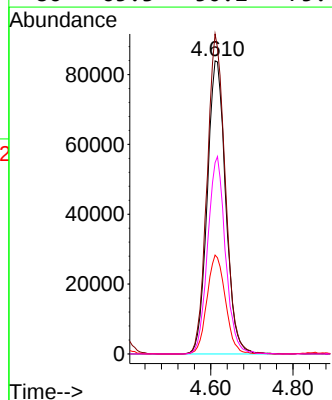
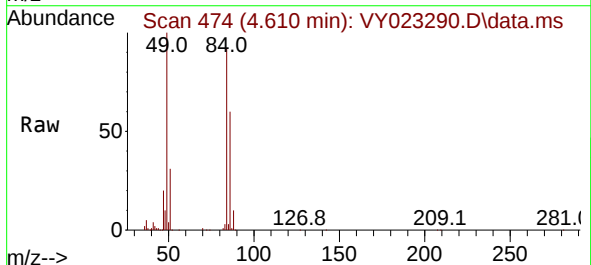
Instrument :
MSVOA_Y
ClientSampleId :

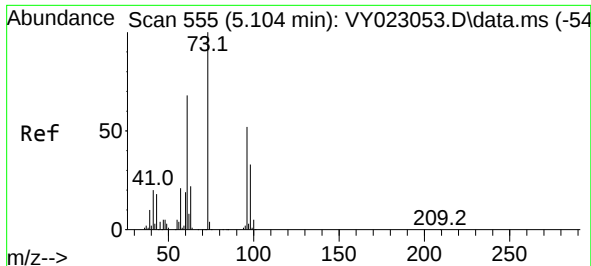
Tgt Ion: 73 Resp: 587197
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7



#20
Methylene Chloride
Concen: 48.253 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 84 Resp: 260383
Ion Ratio Lower Upper
84 100
49 109.2 93.0 139.6
51 33.7 29.0 43.4
86 65.3 50.2 75.4

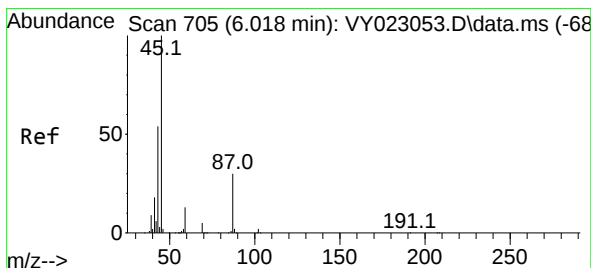
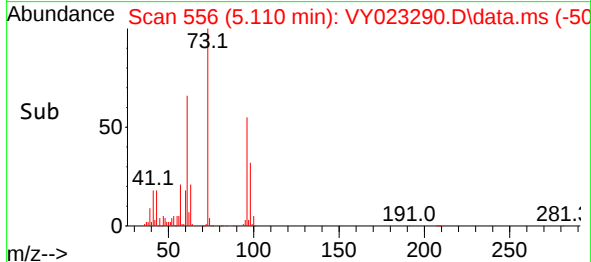
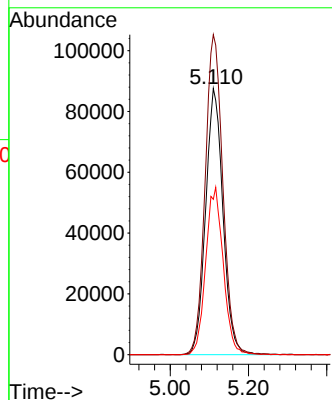
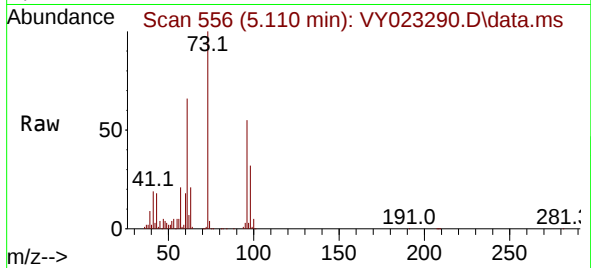




#21
trans-1,2-Dichloroethene
Concen: 49.467 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

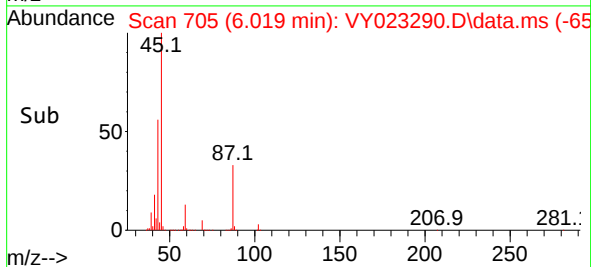
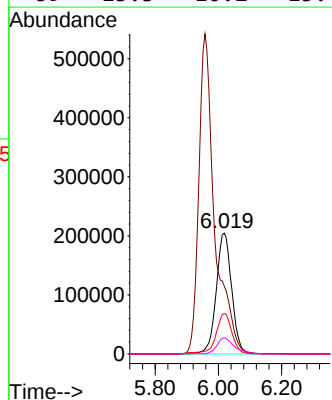
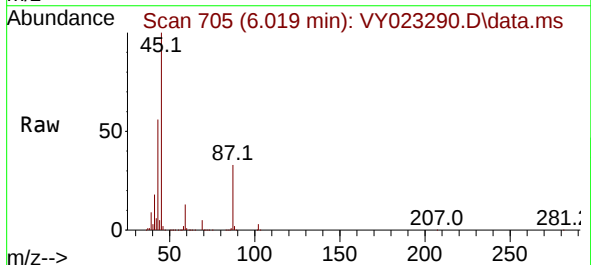
Instrument :
MSVOA_Y
ClientSampleId :

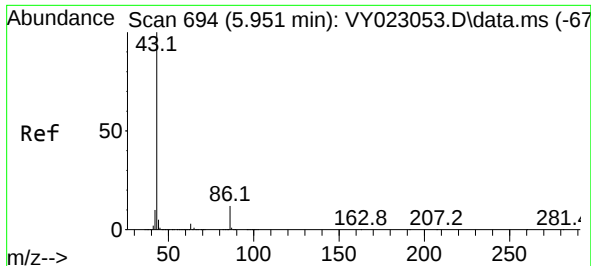
Tgt Ion: 96 Resp: 268896
Ion Ratio Lower Upper
96 100
61 120.2 104.8 157.2
98 58.4 50.1 75.1



#22
Diisopropyl ether
Concen: 44.703 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 45 Resp: 691395
Ion Ratio Lower Upper
45 100
43 56.3 43.4 65.0
87 33.3 24.4 36.6
59 13.3 10.2 15.4

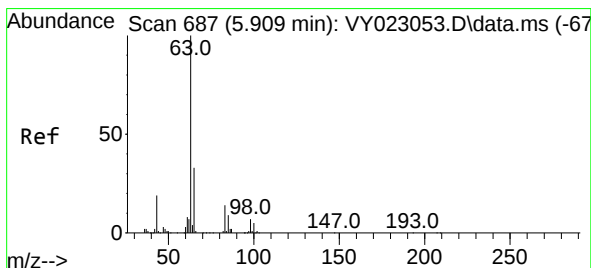
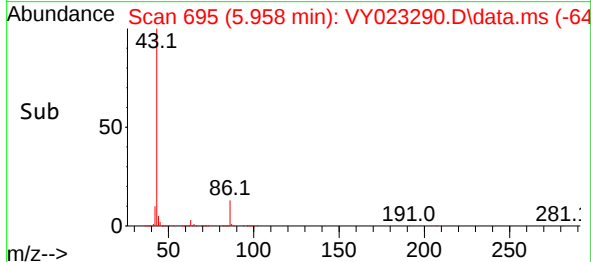
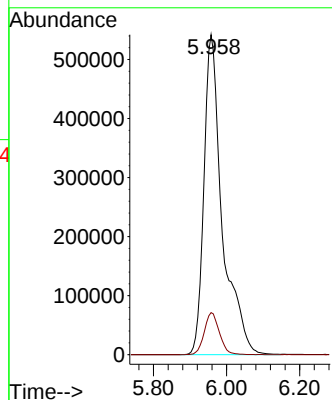
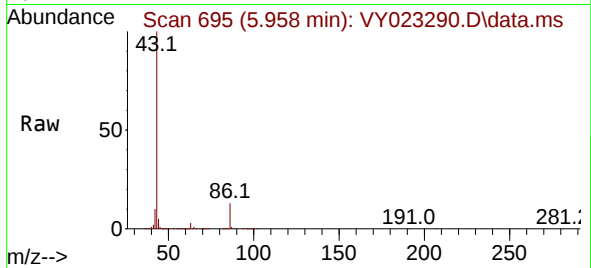




#23
 Vinyl Acetate
 Concen: 221.110 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023290.D
 Acq: 05 Sep 2025 09:44

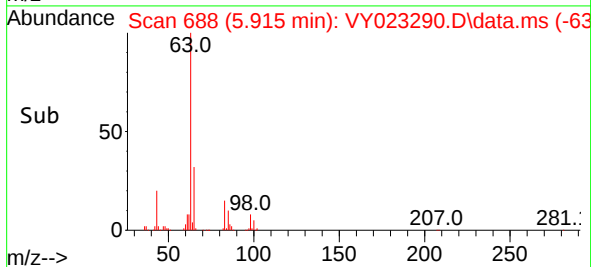
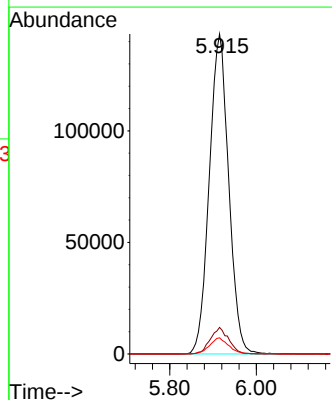
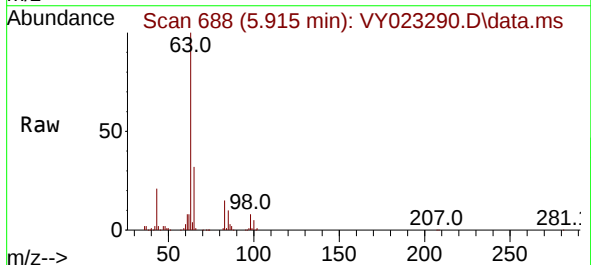
Instrument :
 MSVOA_Y
 ClientSampleId :

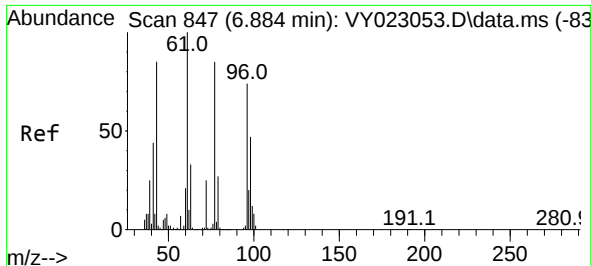
Tgt Ion: 43 Resp: 1890943
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 47.128 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023290.D
 Acq: 05 Sep 2025 09:44

Tgt Ion: 63 Resp: 445636
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 233.002 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

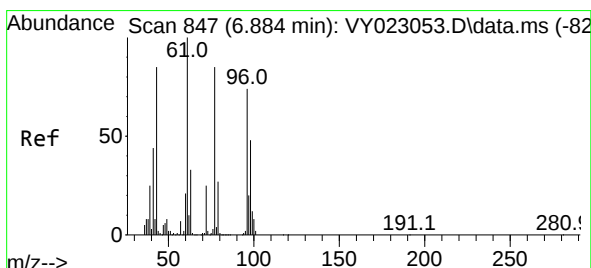
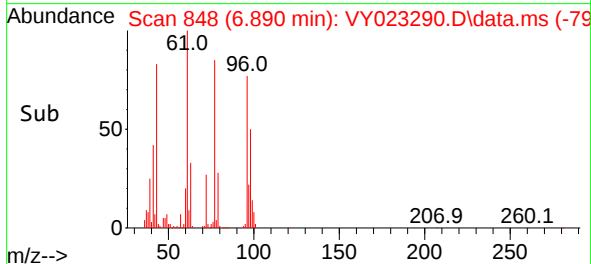
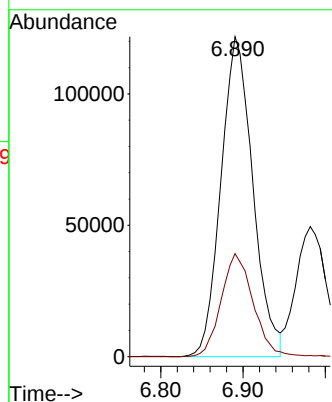
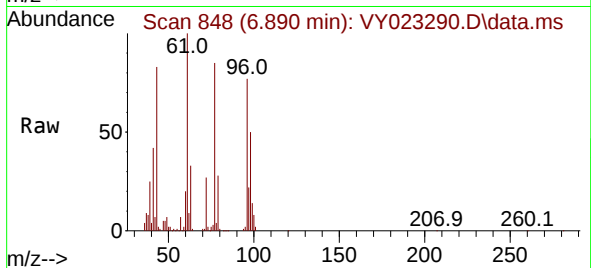
ClientSampleId :

Tgt Ion: 43 Resp: 328435

Ion Ratio Lower Upper

43 100

72 32.2 23.5 35.3



#26

2,2-Dichloropropane

Concen: 50.617 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023290.D

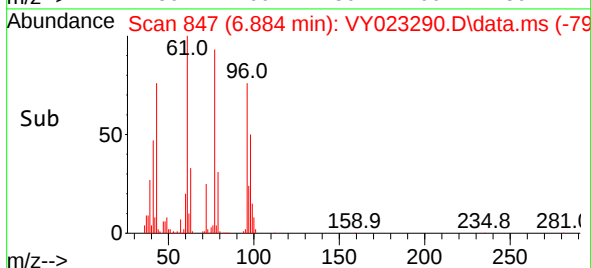
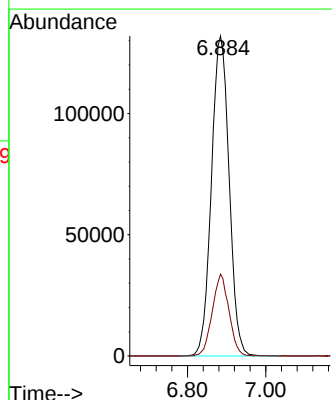
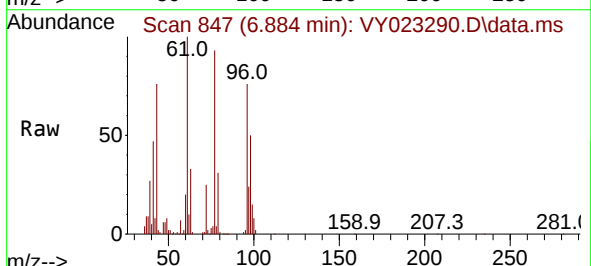
Acq: 05 Sep 2025 09:44

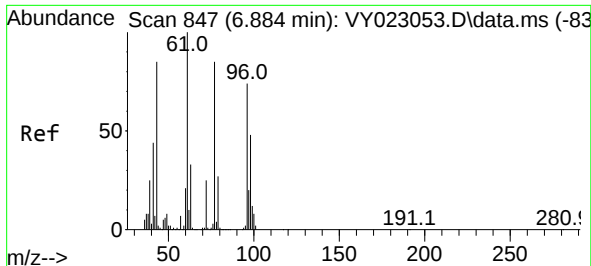
Tgt Ion: 77 Resp: 413000

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.568 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

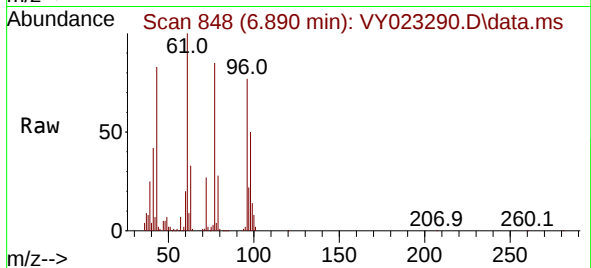
Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :



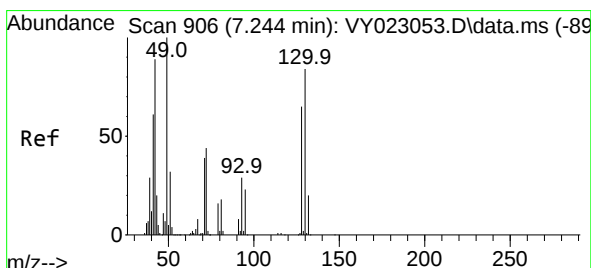
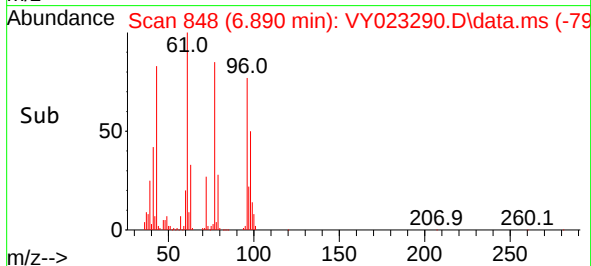
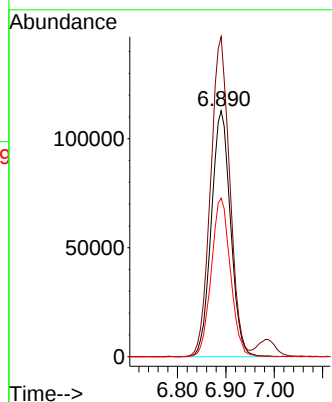
Tgt Ion: 96 Resp: 311495

Ion Ratio Lower Upper

96 100

61 129.9 0.0 278.6

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 44.433 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

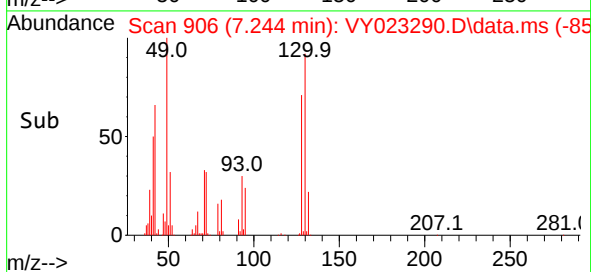
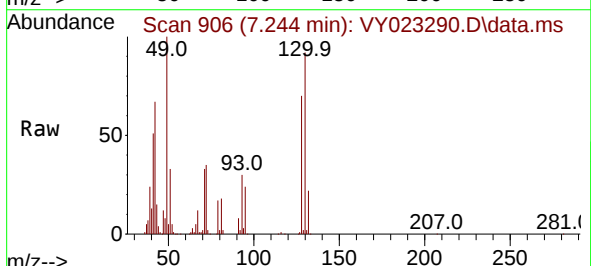
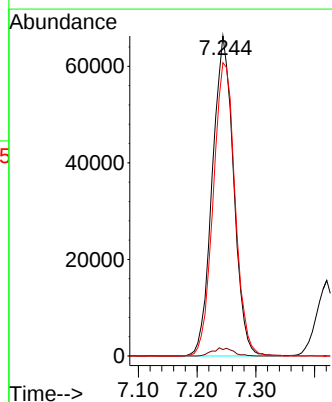
Tgt Ion: 49 Resp: 166690

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 93.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 225.488 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

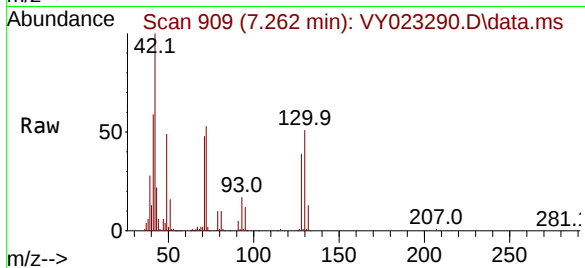
Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :



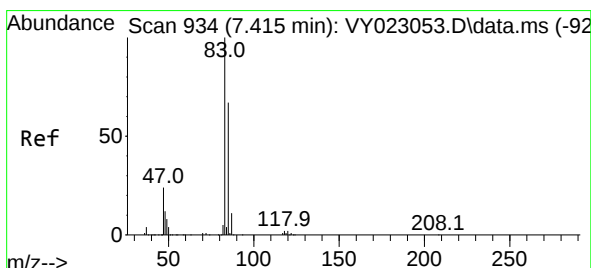
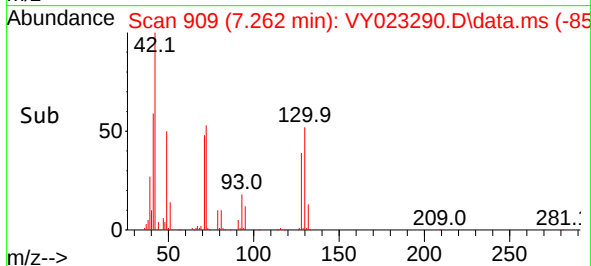
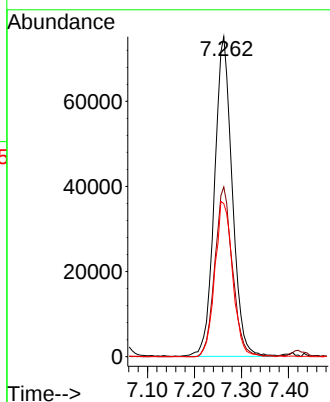
Tgt Ion: 42 Resp: 197018

Ion Ratio Lower Upper

42 100

72 52.8 39.4 59.2

71 48.6 36.5 54.7



#30

Chloroform

Concen: 49.858 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023290.D

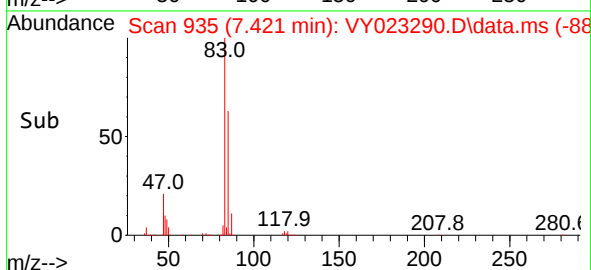
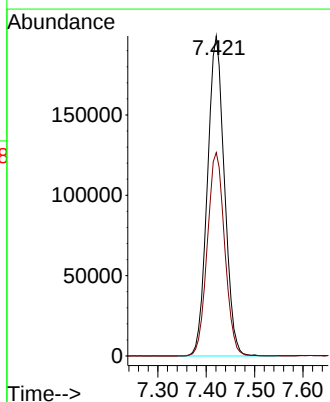
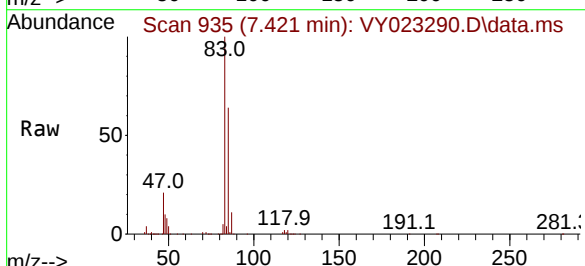
Acq: 05 Sep 2025 09:44

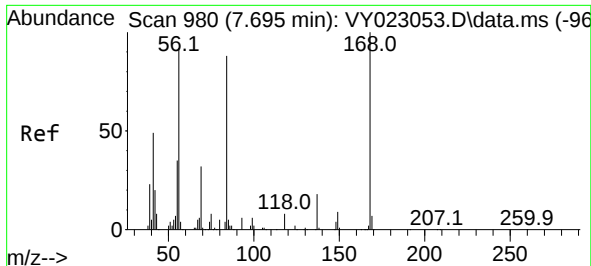
Tgt Ion: 83 Resp: 486225

Ion Ratio Lower Upper

83 100

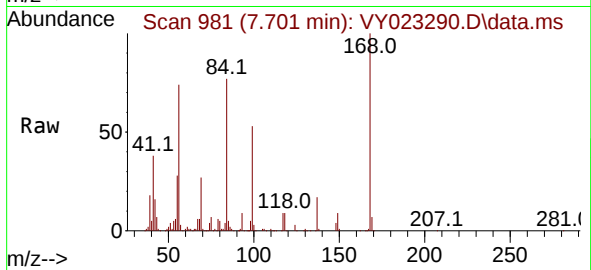
85 63.5 53.8 80.8



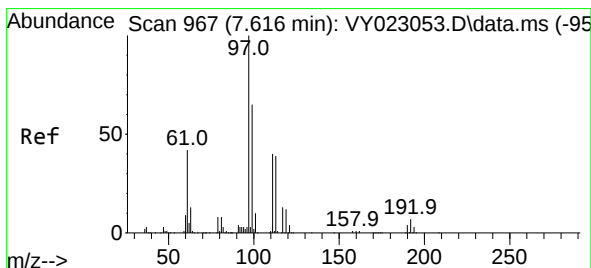
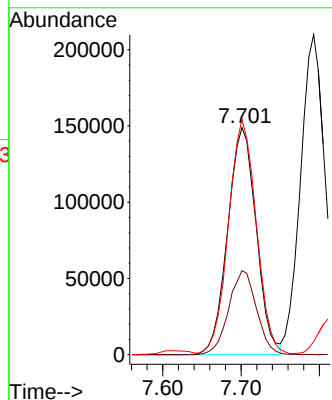
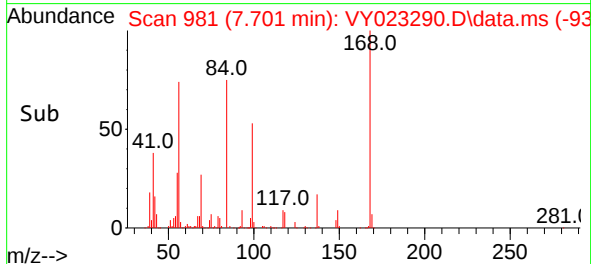


#31
Cyclohexane
Concen: 42.236 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :

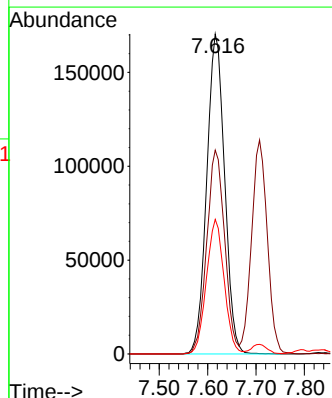
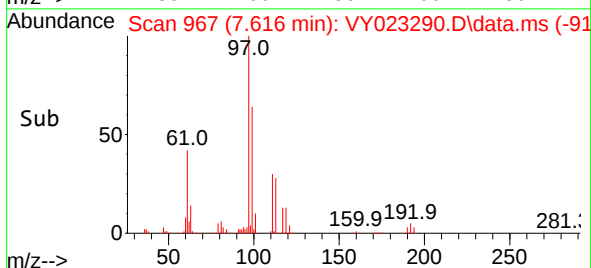
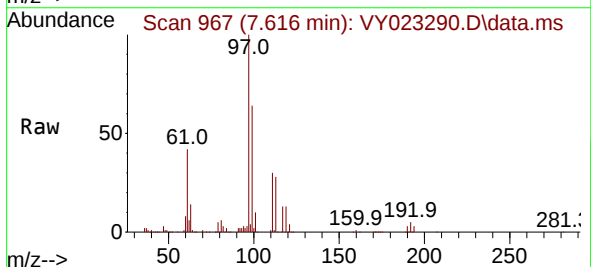


Tgt Ion: 56 Resp: 376351
Ion Ratio Lower Upper
56 100
69 37.0 28.2 42.2
84 102.0 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 50.577 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 97 Resp: 437650
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 41.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 43.303 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

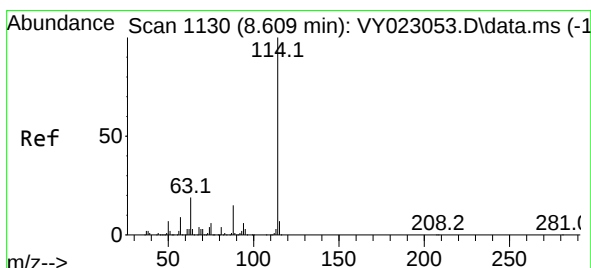
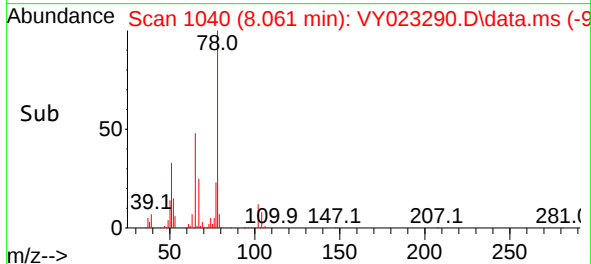
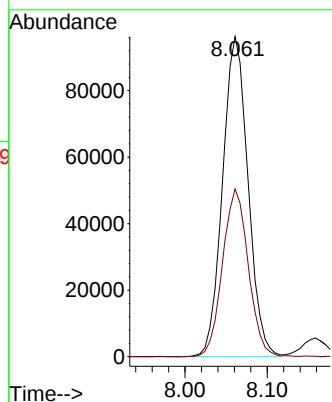
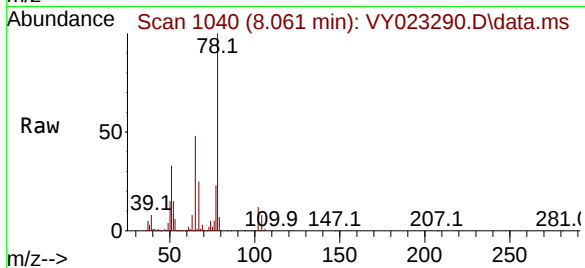
ClientSampleId :

Tgt Ion: 65 Resp: 207161

Ion Ratio Lower Upper

65 100

67 53.1 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: VY023290.D

Acq: 05 Sep 2025 09:44

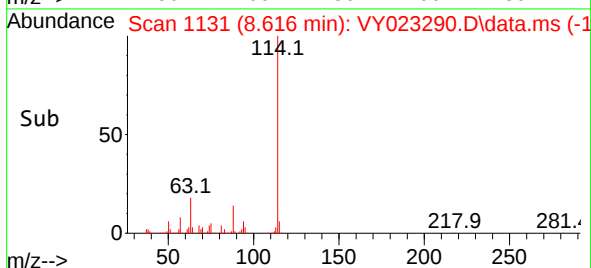
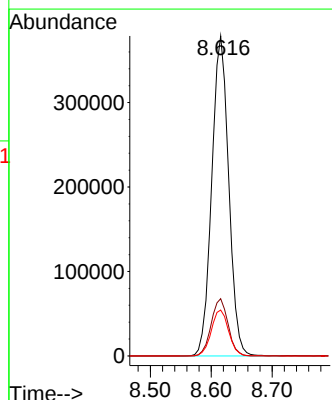
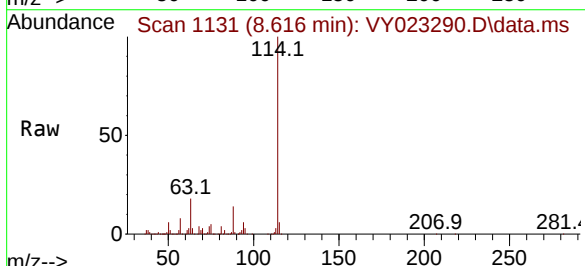
Tgt Ion: 114 Resp: 731150

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 14.3 0.0 30.0

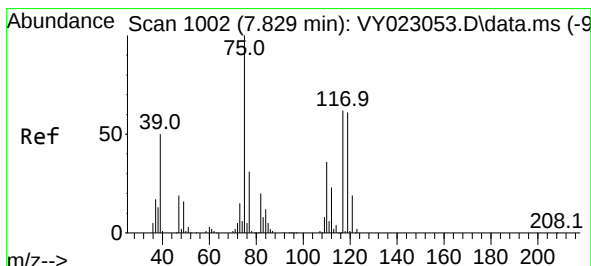
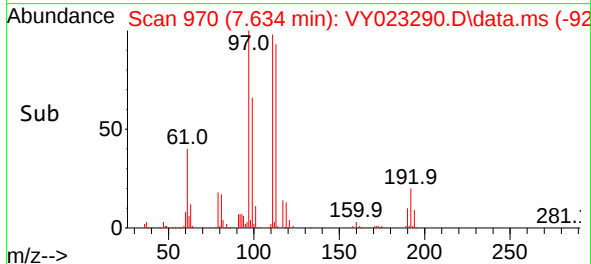
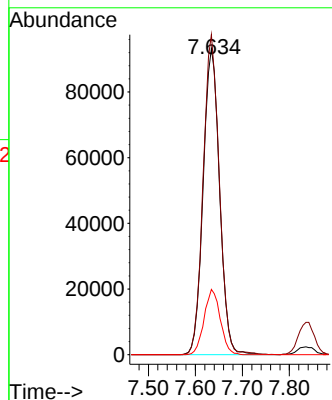
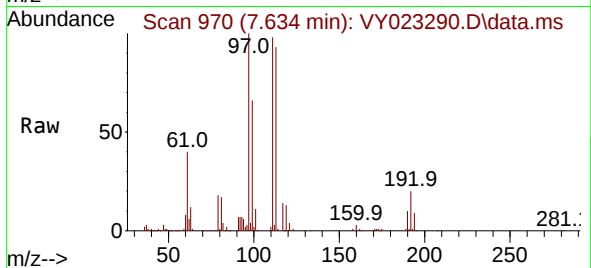




#35
Dibromofluoromethane
Concen: 51.627 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

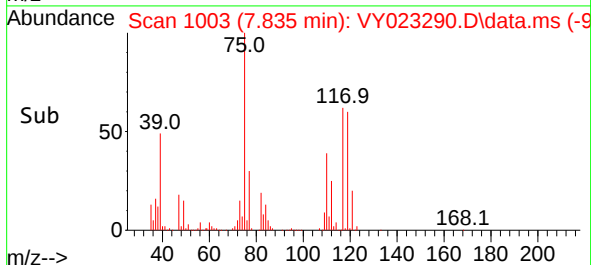
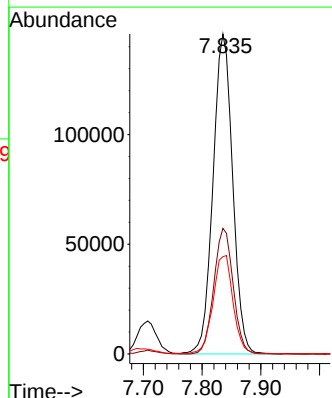
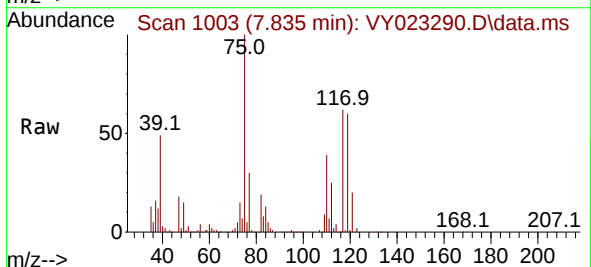
Instrument :
MSVOA_Y
ClientSampleId :

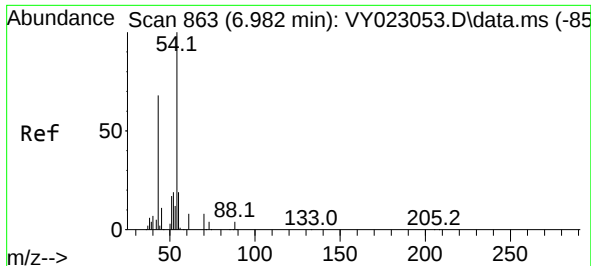
Tgt Ion:113 Resp: 225866
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 21.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 52.169 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 75 Resp: 339196
Ion Ratio Lower Upper
75 100
110 38.5 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 48.992 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

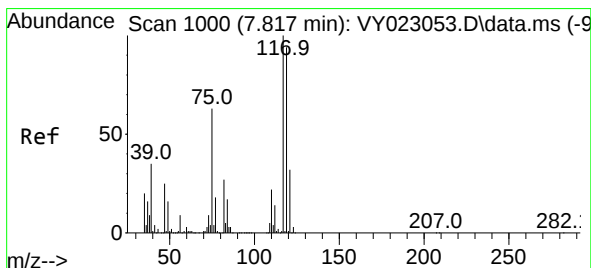
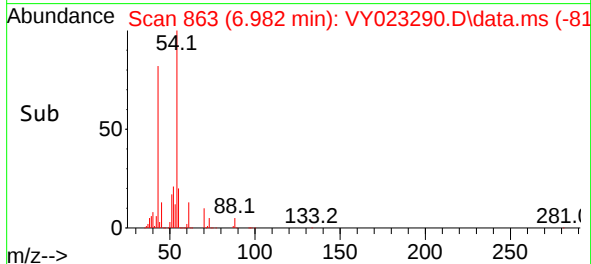
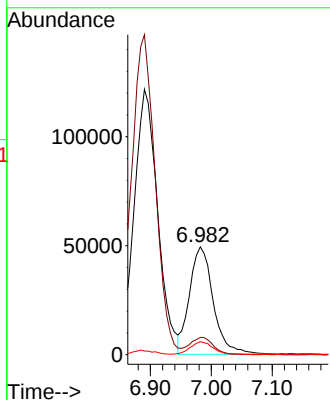
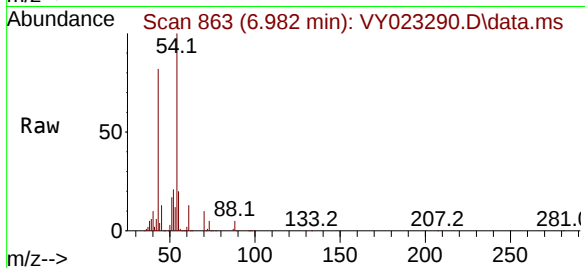
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 133808

Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.8	8.8	13.2



#38

Carbon Tetrachloride

Concen: 56.625 ug/l

RT: 7.817 min Scan# 1000

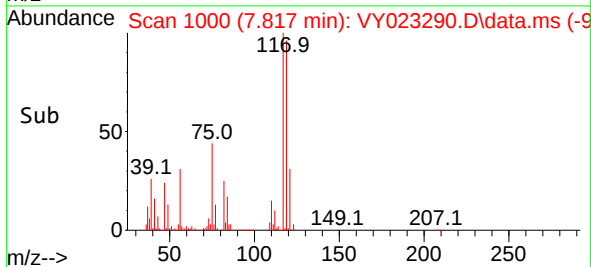
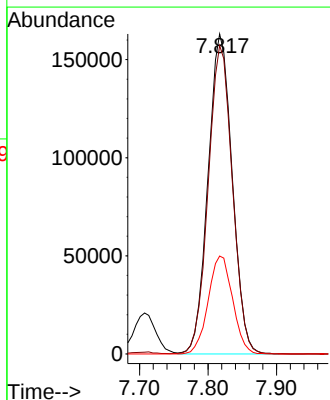
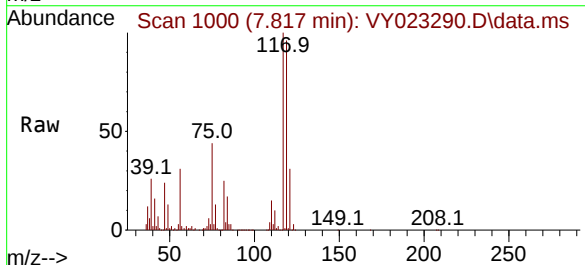
Delta R.T. 0.000 min

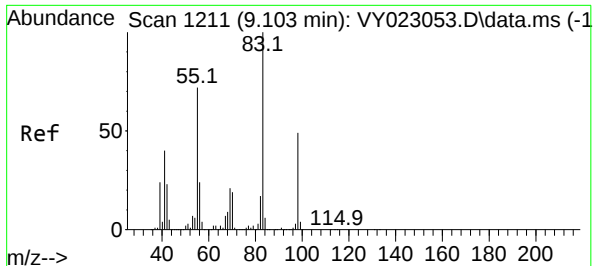
Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Tgt Ion: 117 Resp: 399879

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.6	113.4
121	30.6	25.8	38.8





#39

Methylcyclohexane

Concen: 52.105 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

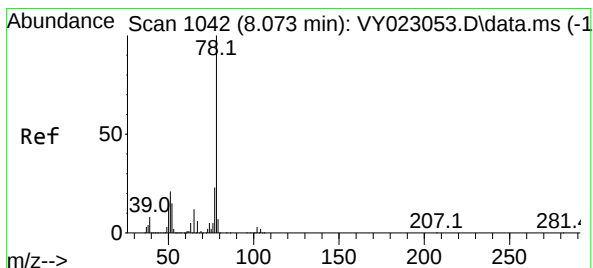
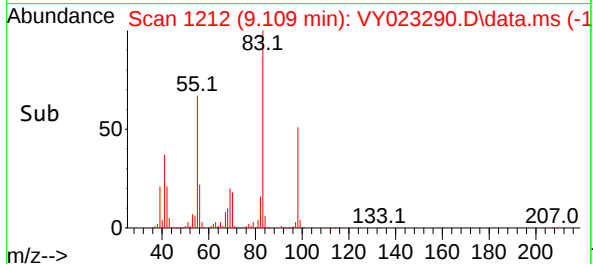
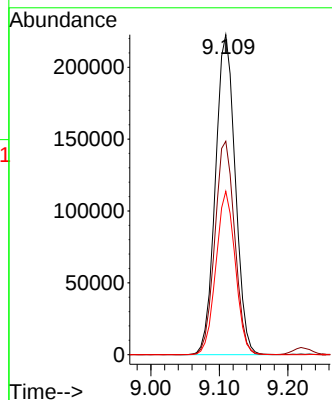
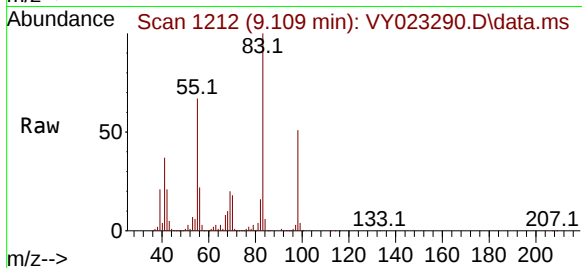
Tgt Ion: 83 Resp: 446127

Ion Ratio Lower Upper

83 100

55 66.7 57.6 86.4

98 51.0 39.2 58.8



#40

Benzene

Concen: 52.712 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023290.D

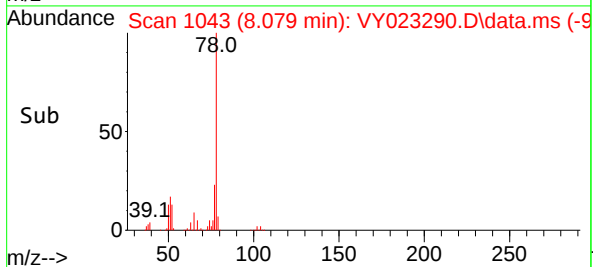
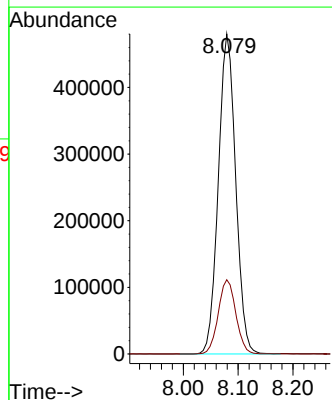
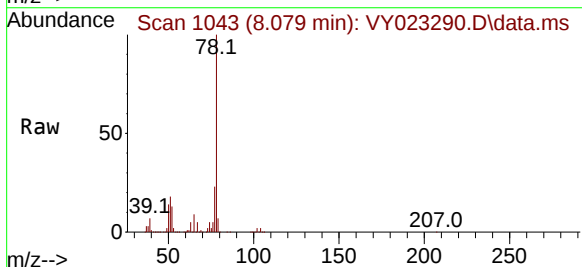
Acq: 05 Sep 2025 09:44

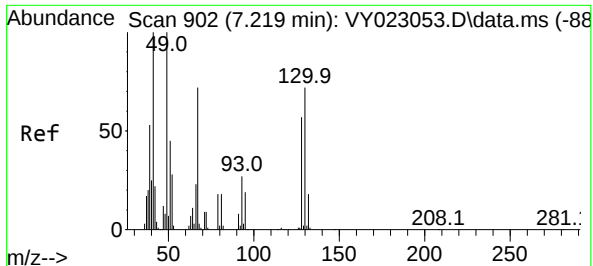
Tgt Ion: 78 Resp: 1056329

Ion Ratio Lower Upper

78 100

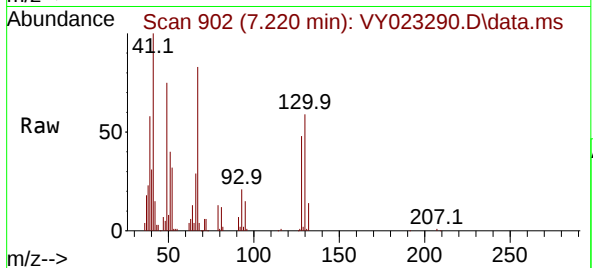
77 23.2 18.6 28.0



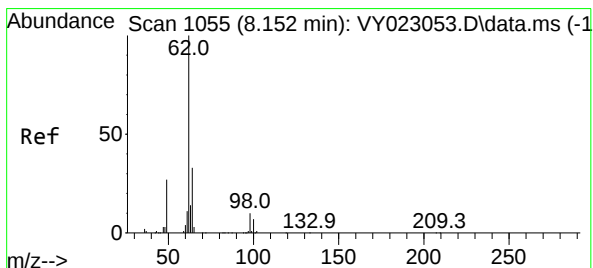
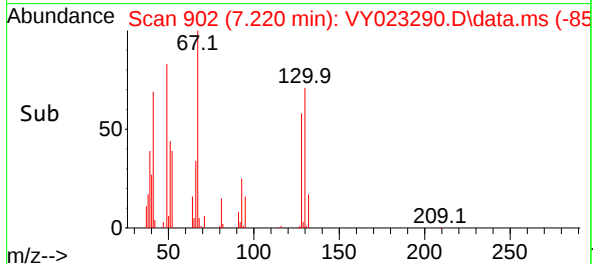
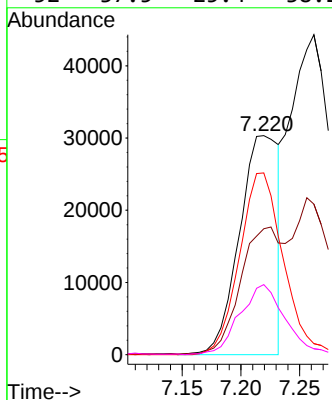


#41
Methacrylonitrile
Concen: 44.693 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :

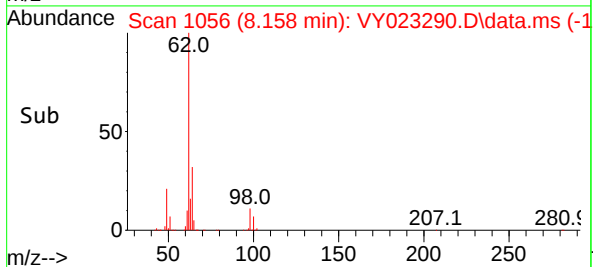
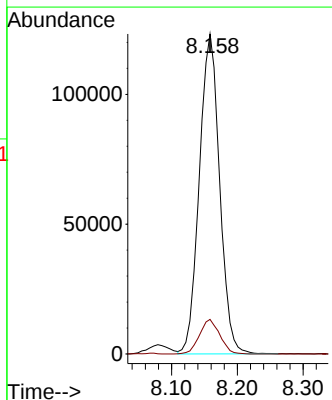
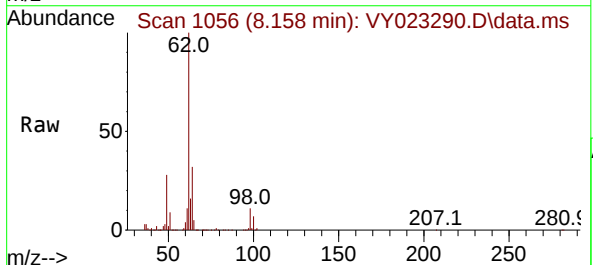


Tgt Ion:	41	Resp:	70448
Ion	Ratio	Lower	Upper
41	100		
39	64.2	43.4	65.2
67	93.2	63.6	95.4
52	37.5	25.4	38.2



#42
1,2-Dichloroethane
Concen: 50.741 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:	62	Resp:	264455
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6

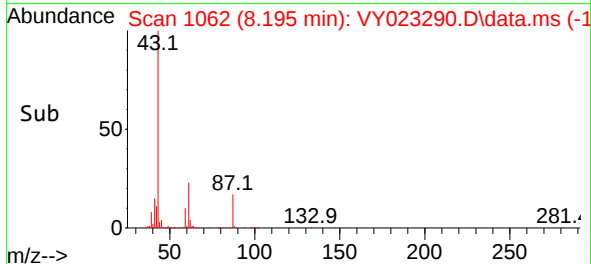
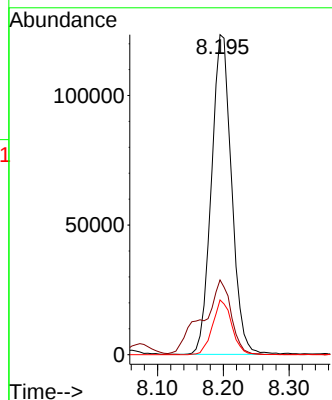
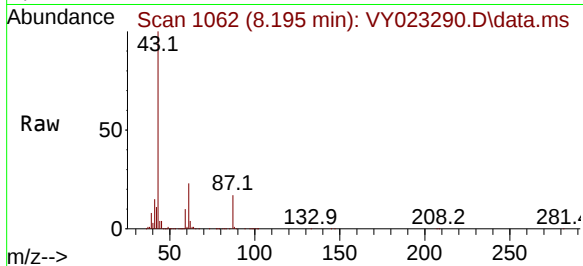




#43
Isopropyl Acetate
Concen: 47.584 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

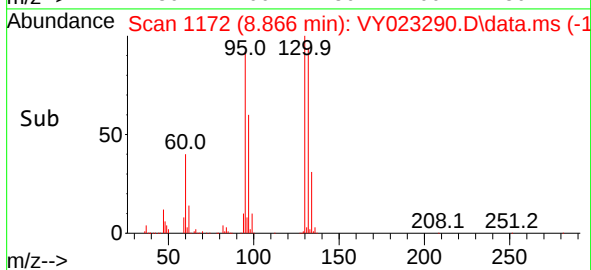
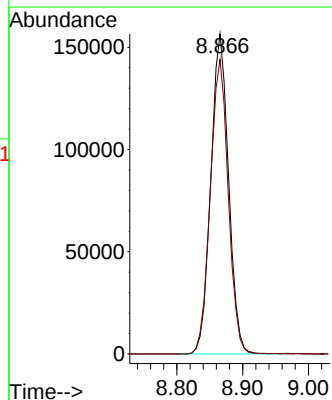
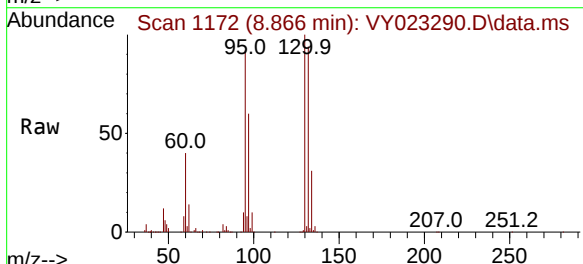
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 262676
Ion Ratio Lower Upper
43 100
61 33.0 16.4 24.6#
87 16.4 11.8 17.6



#44
Trichloroethene
Concen: 56.751 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:130 Resp: 293893
Ion Ratio Lower Upper
130 100
95 92.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 51.552 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

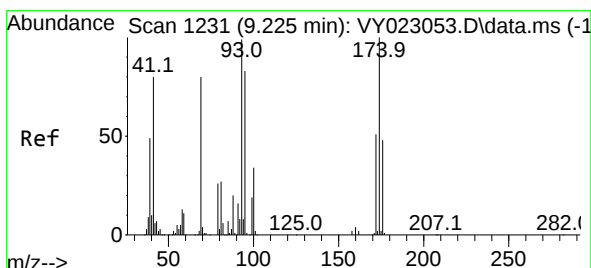
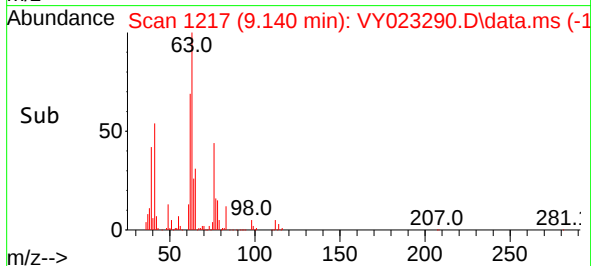
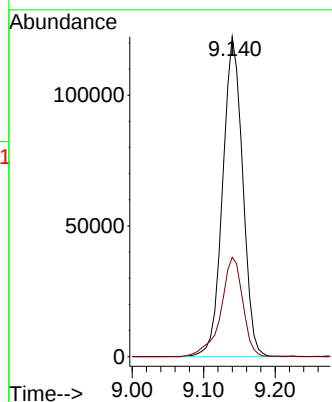
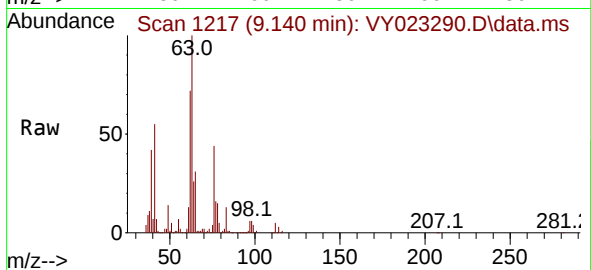
ClientSampleId :

Tgt Ion: 63 Resp: 237702

Ion Ratio Lower Upper

63 100

65 31.0 25.3 37.9



#46

Dibromomethane

Concen: 54.057 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

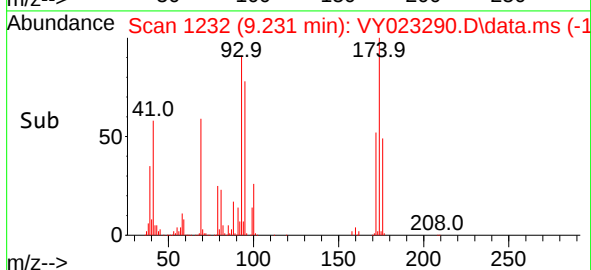
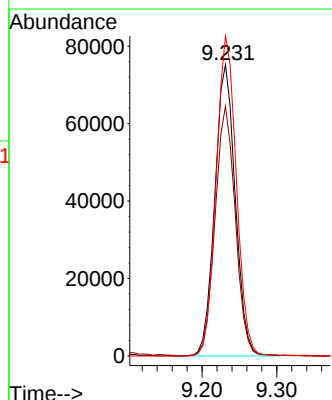
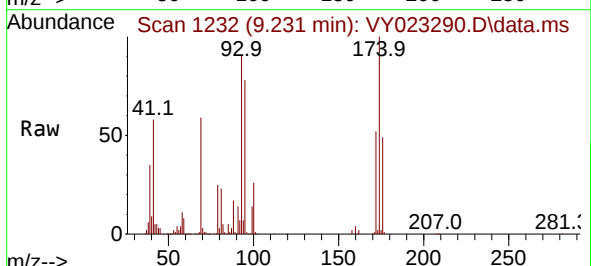
Tgt Ion: 93 Resp: 143062

Ion Ratio Lower Upper

93 100

95 85.4 66.5 99.7

174 108.9 81.8 122.8

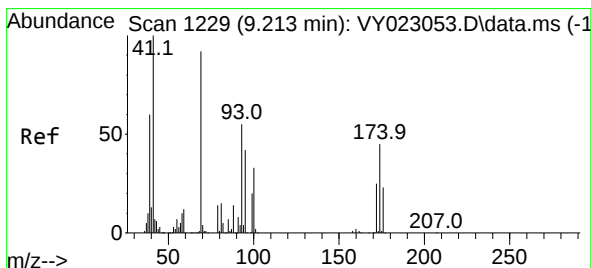
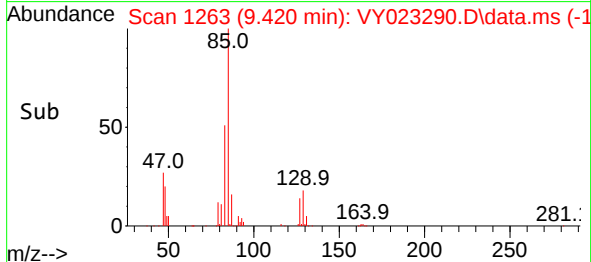
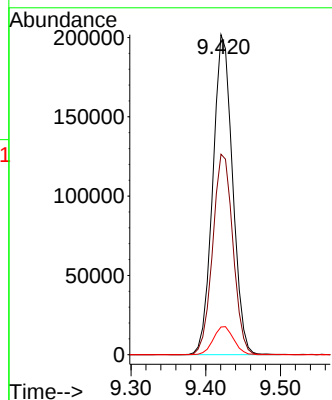
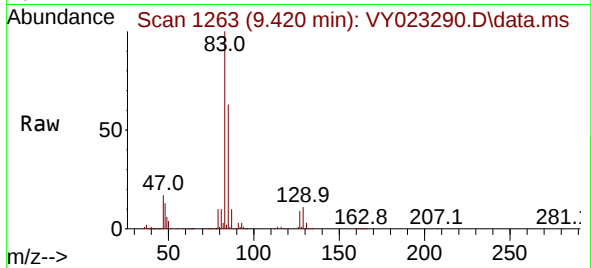




#47
Bromodichloromethane
Concen: 54.399 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

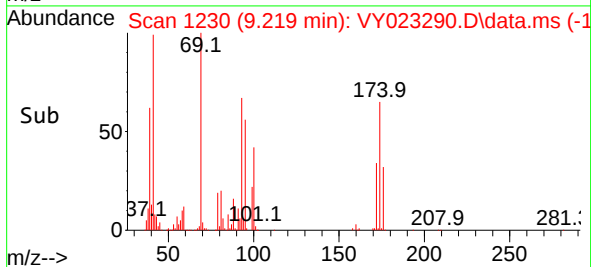
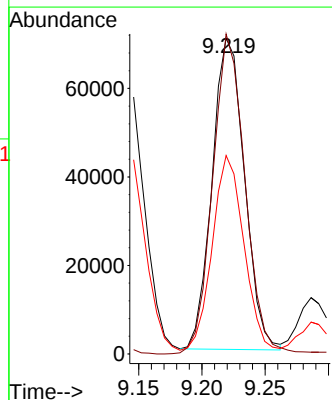
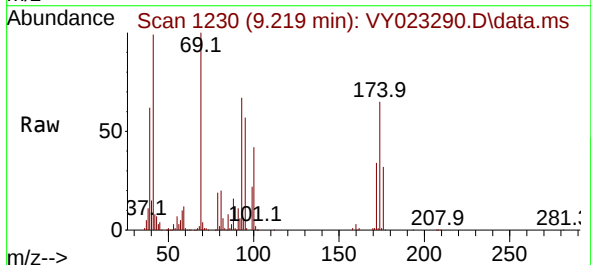
Instrument :
MSVOA_Y
ClientSampleId :

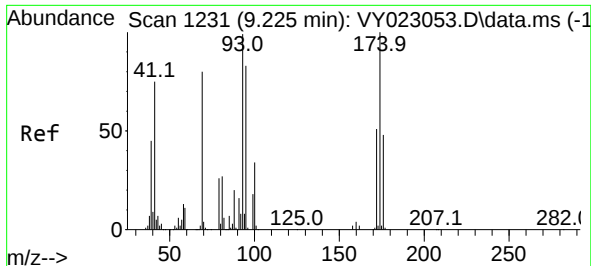
Tgt Ion: 83 Resp: 370449
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 47.373 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 41 Resp: 125138
Ion Ratio Lower Upper
41 100
69 103.0 73.2 109.8
39 61.1 47.0 70.4

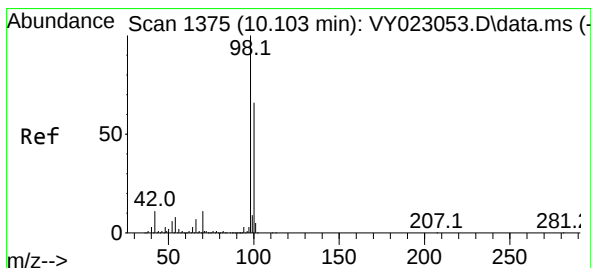
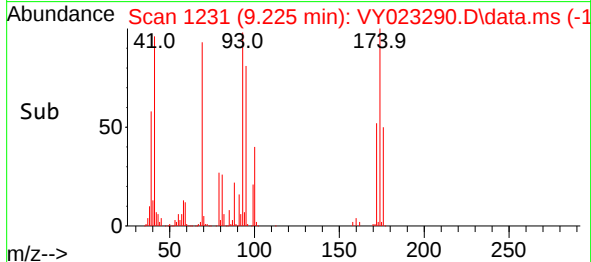
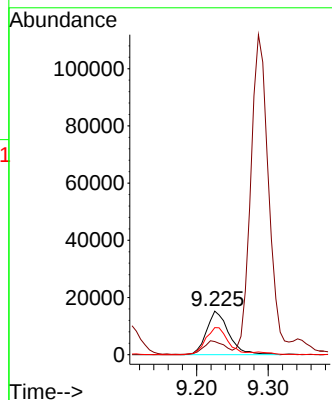
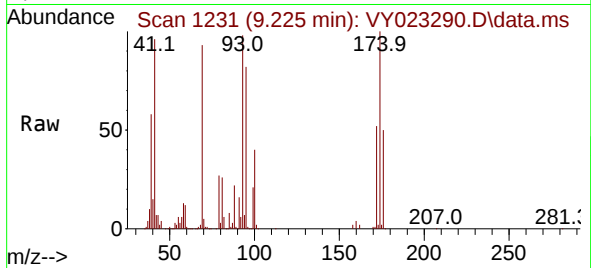




#49
1,4-Dioxane
Concen: 1059.291 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

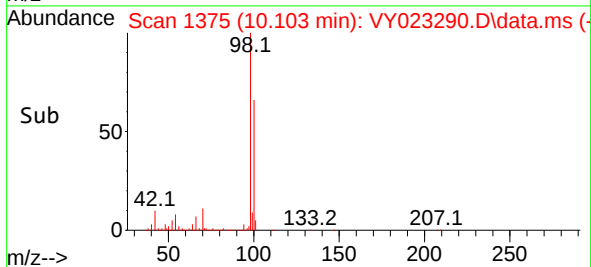
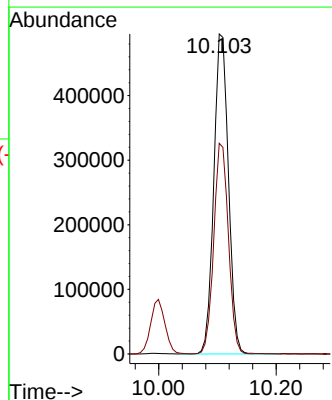
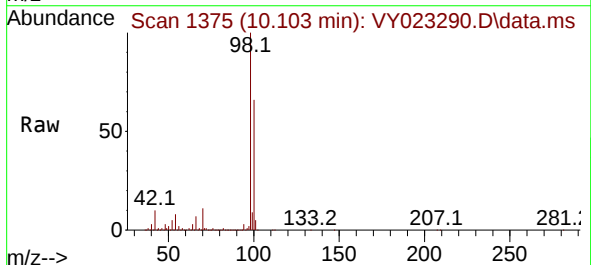
Instrument :
MSVOA_Y
ClientSampleId :

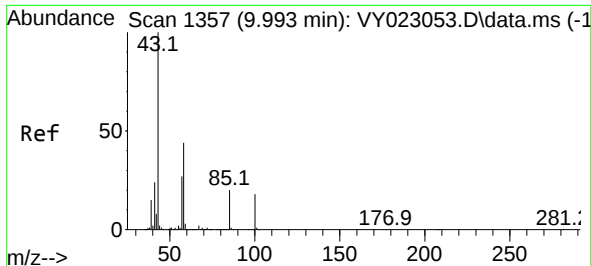
Tgt Ion: 88 Resp: 32871
Ion Ratio Lower Upper
88 100
43 29.6 24.3 36.5
58 64.0 55.4 83.0



#50
Toluene-d8
Concen: 50.049 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 98 Resp: 855390
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

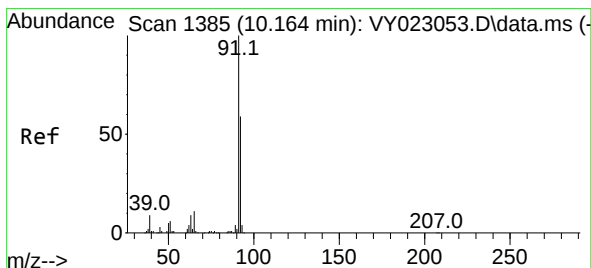
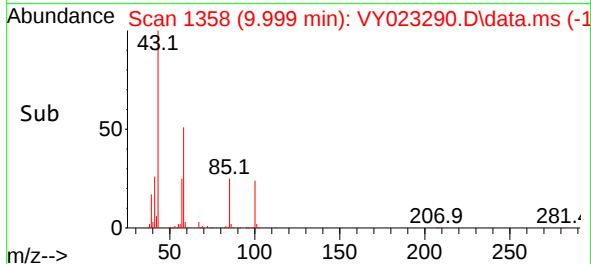
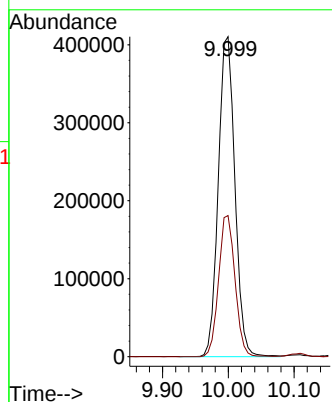
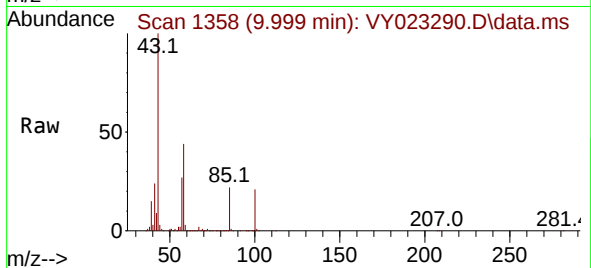




#51
4-Methyl-2-Pentanone
Concen: 253.323 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

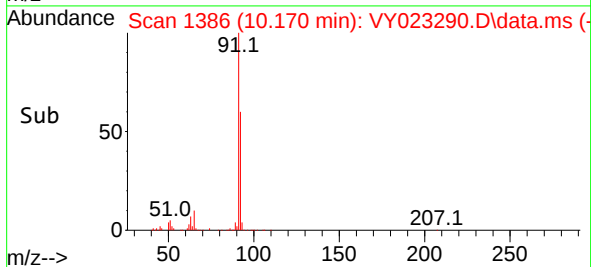
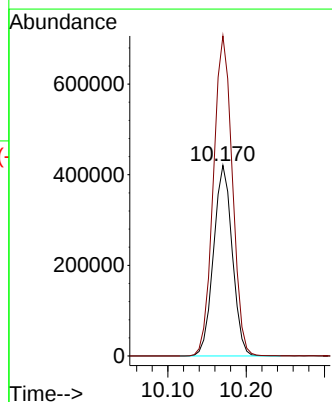
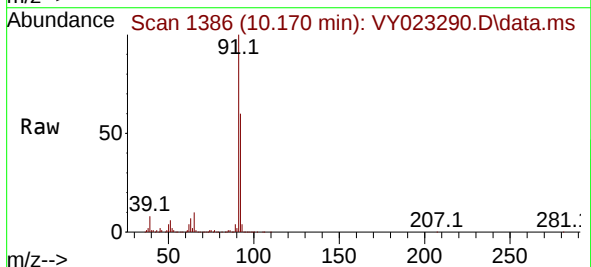
Instrument :
MSVOA_Y
ClientSampleId :

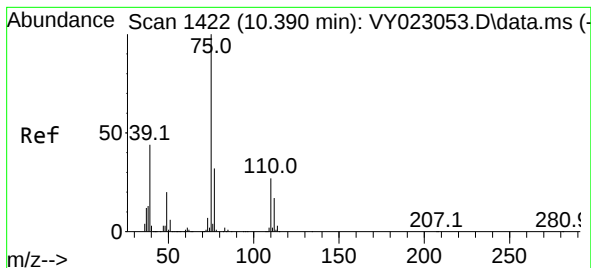
Tgt Ion: 43 Resp: 721339
Ion Ratio Lower Upper
43 100
58 43.6 33.5 50.3



#52
Toluene
Concen: 54.717 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 92 Resp: 696413
Ion Ratio Lower Upper
92 100
91 170.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 52.208 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

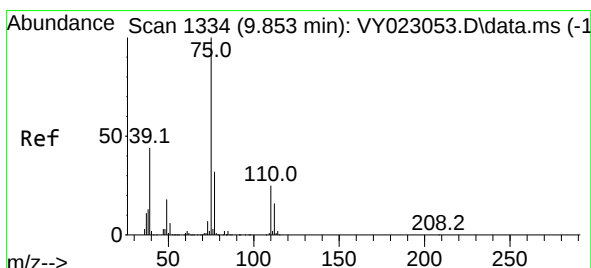
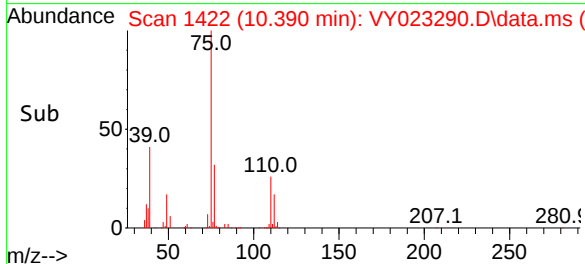
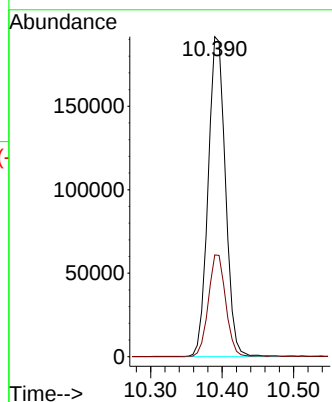
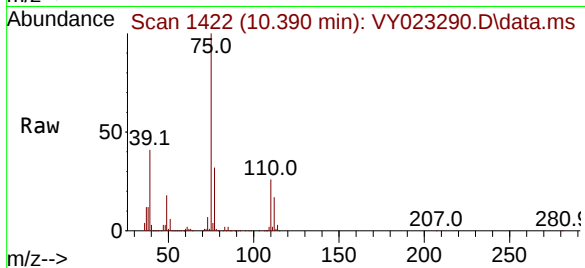
ClientSampleId :

Tgt Ion: 75 Resp: 321944

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 52.604 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

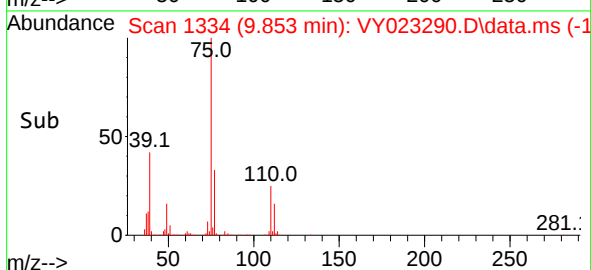
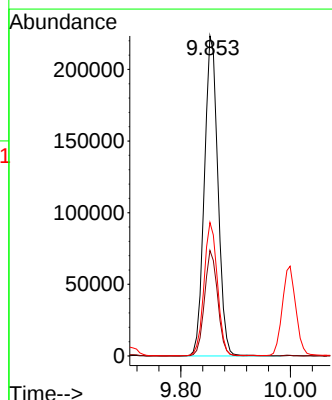
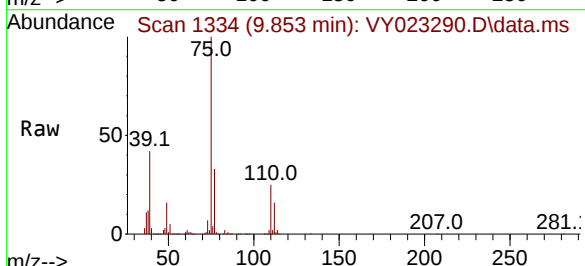
Tgt Ion: 75 Resp: 383584

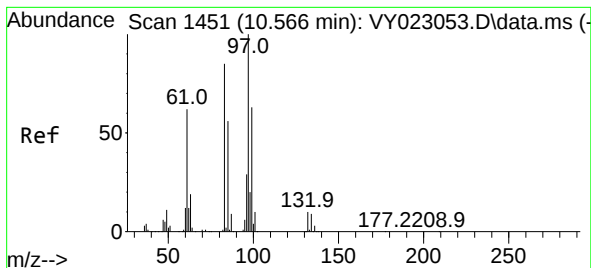
Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0

39 41.7 35.6 53.4



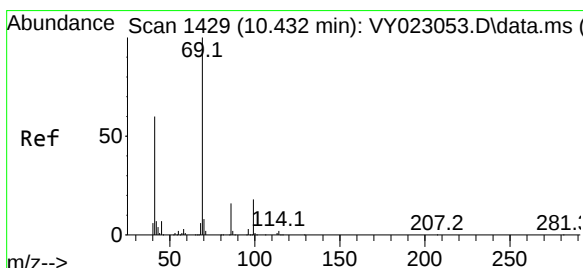
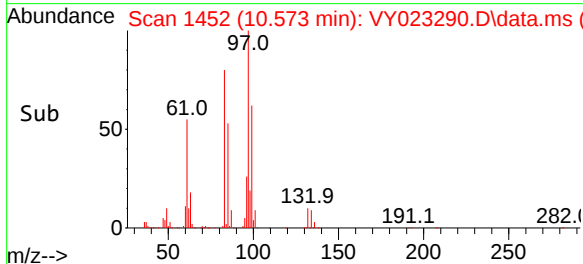
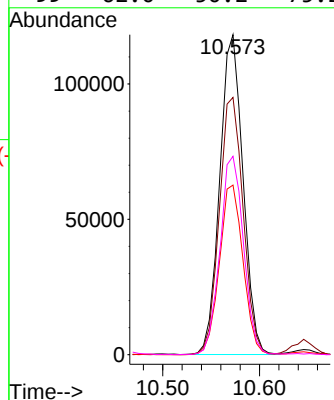
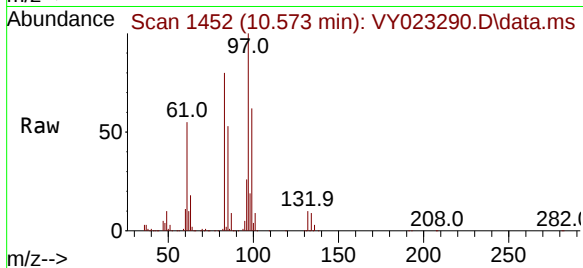


#55
1,1,2-Trichloroethane
Concen: 55.691 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 197217

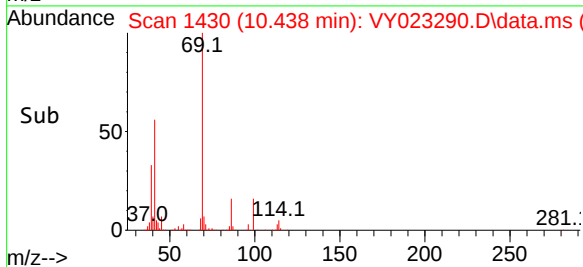
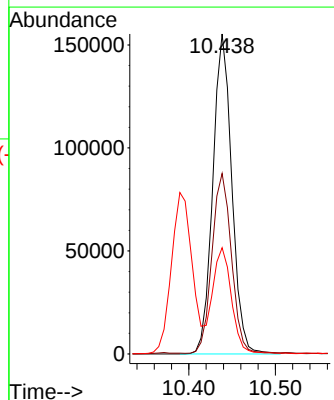
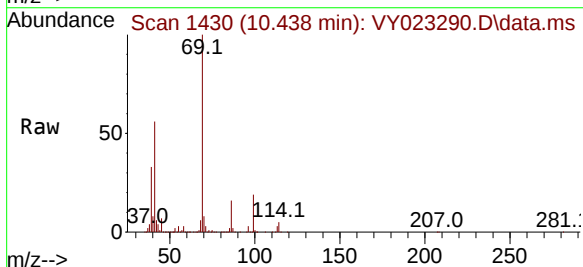
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.7	101.5
85	53.0	44.5	66.7
99	62.0	50.2	75.2

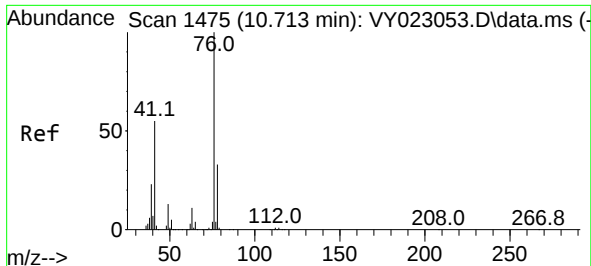


#56
Ethyl methacrylate
Concen: 52.242 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 69 Resp: 236734

Ion	Ratio	Lower	Upper
69	100		
41	57.5	48.6	72.8
39	33.9	27.0	40.4





#57

1,3-Dichloropropane

Concen: 52.777 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

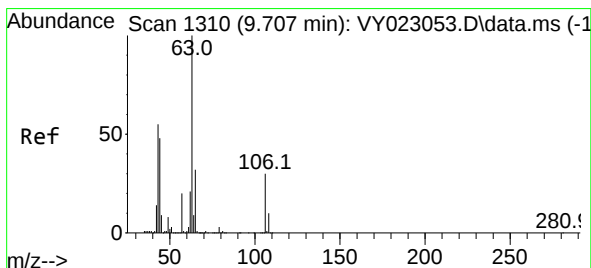
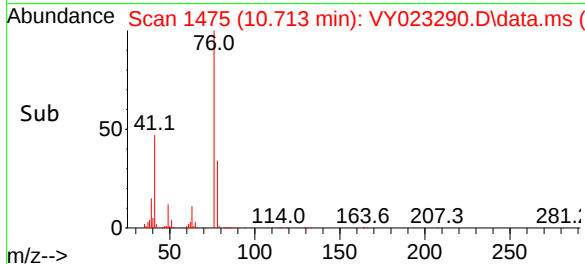
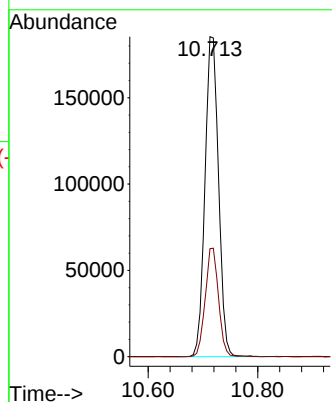
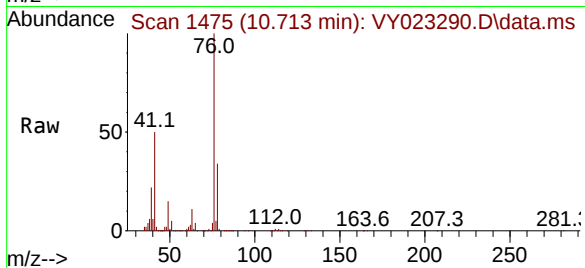
ClientSampleId :

Tgt Ion: 76 Resp: 316970

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 238.166 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023290.D

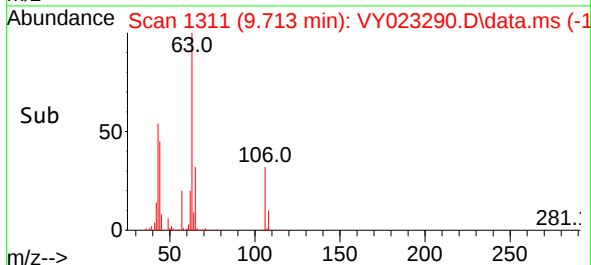
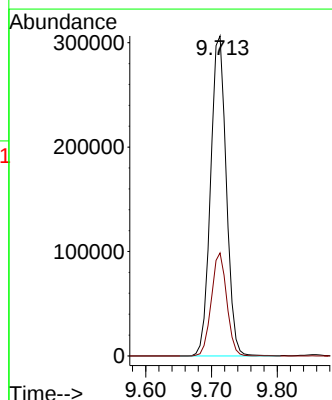
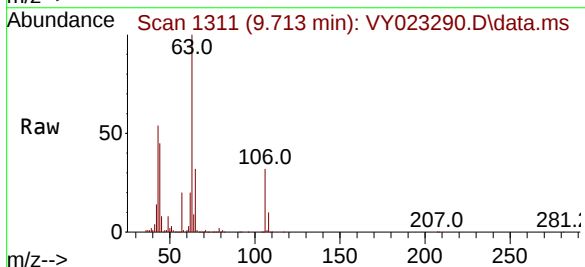
Acq: 05 Sep 2025 09:44

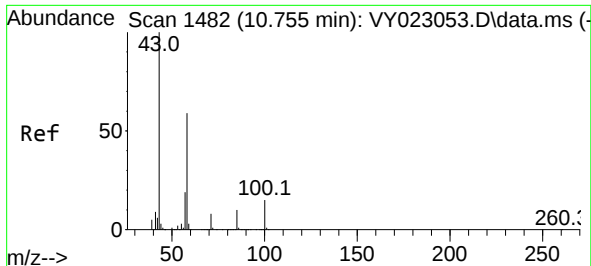
Tgt Ion: 63 Resp: 509076

Ion Ratio Lower Upper

63 100

106 31.6 23.2 34.8

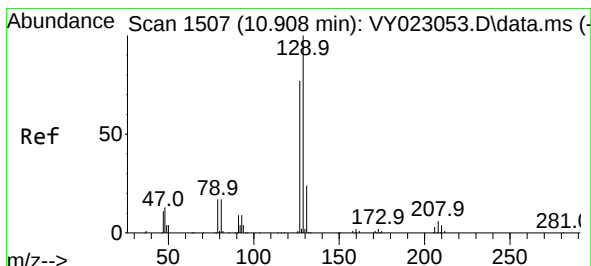
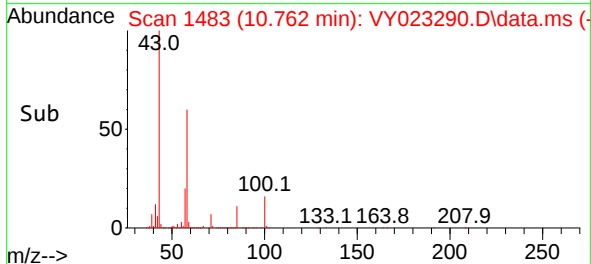
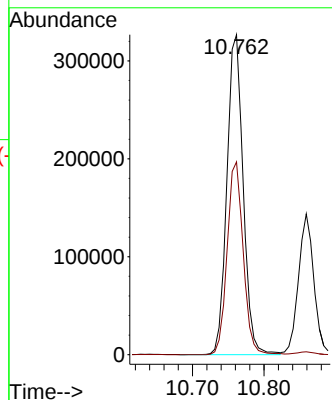
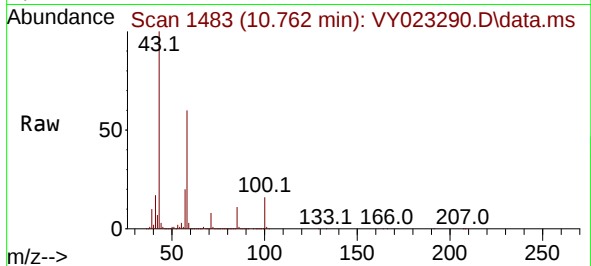




#59
2-Hexanone
Concen: 265.924 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

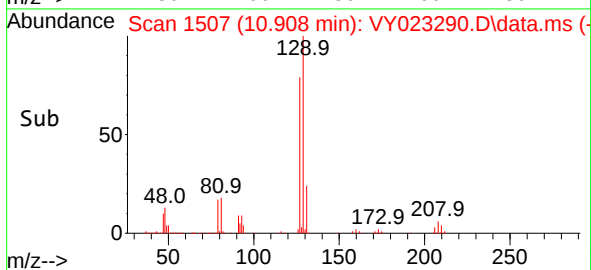
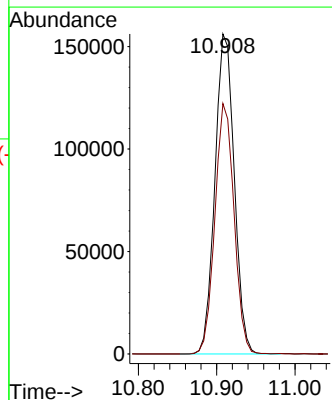
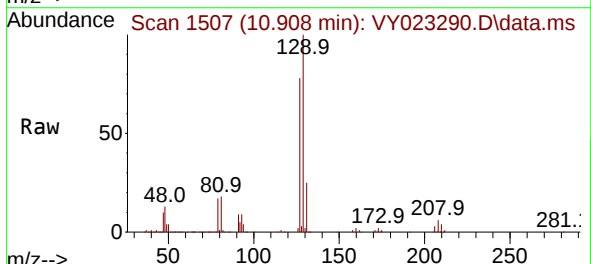
Instrument :
MSVOA_Y
ClientSampleId :

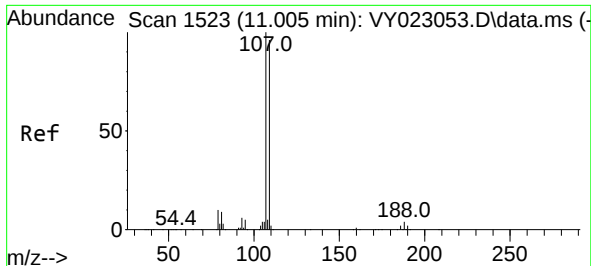
Tgt Ion: 43 Resp: 515614
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 57.360 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:129 Resp: 268027
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

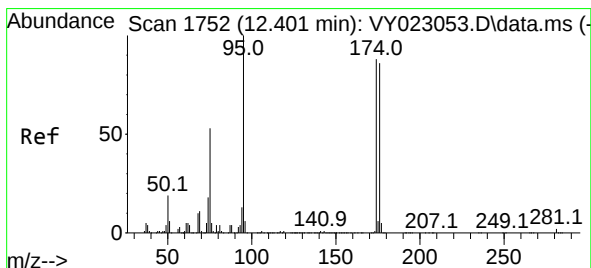
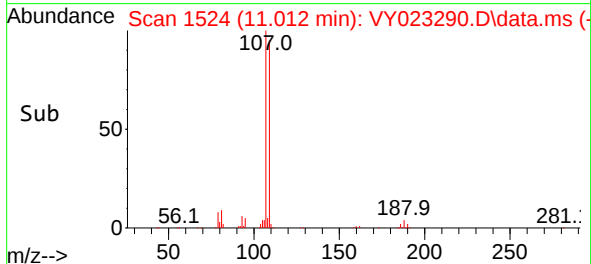
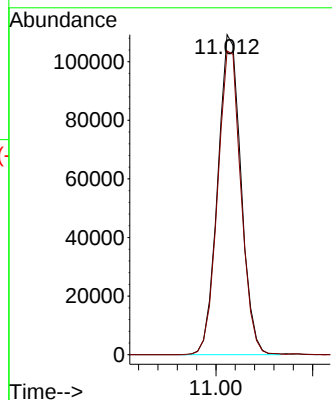
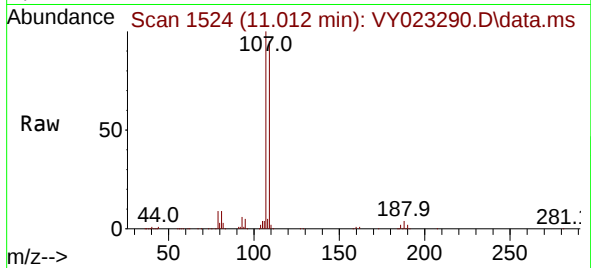




#61
1,2-Dibromoethane
Concen: 54.778 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

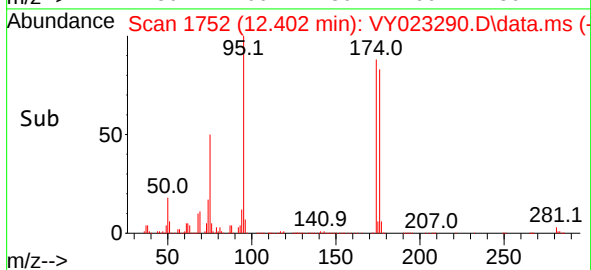
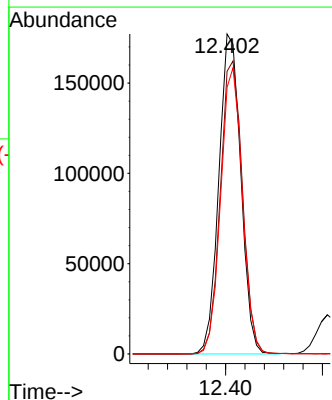
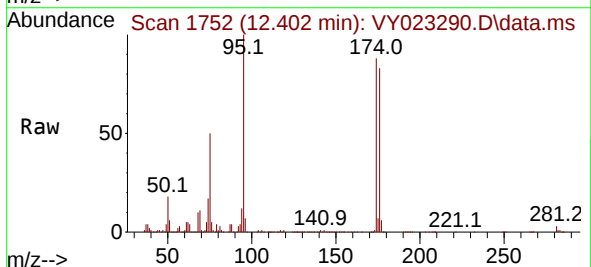
Instrument :
MSVOA_Y
ClientSampleId :

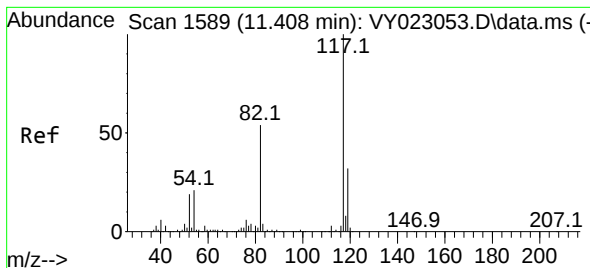
Tgt Ion:107 Resp: 182324
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.617 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 95 Resp: 278218
Ion Ratio Lower Upper
95 100
174 92.5 0.0 171.6
176 88.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

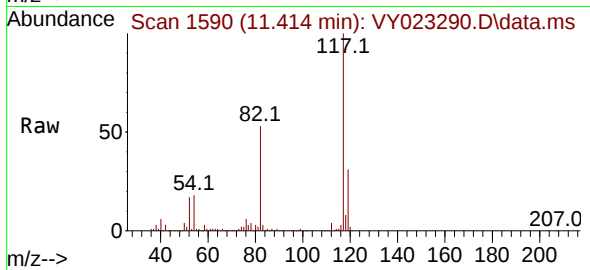
Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :



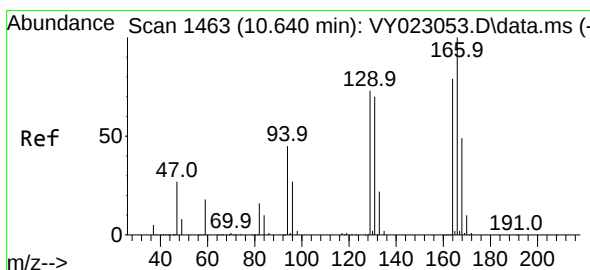
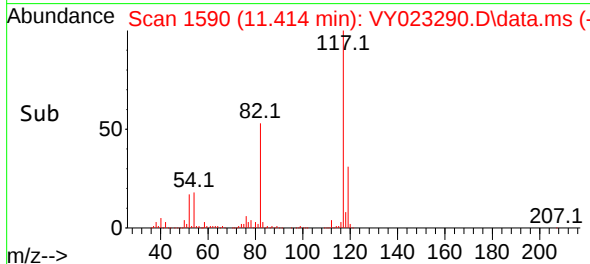
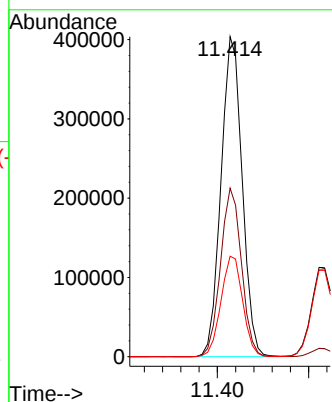
Tgt Ion:117 Resp: 649223

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 60.574 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Tgt Ion:164 Resp: 351153

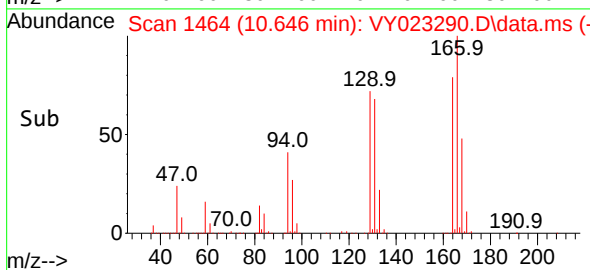
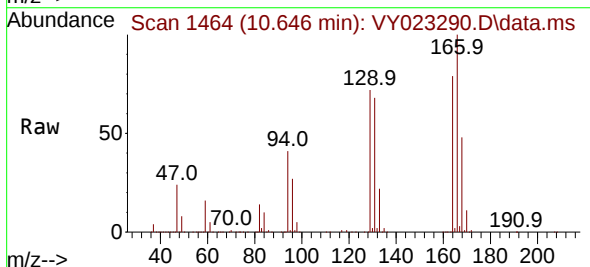
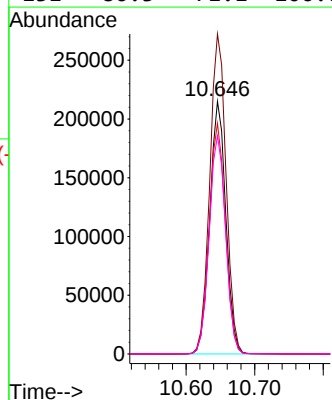
Ion Ratio Lower Upper

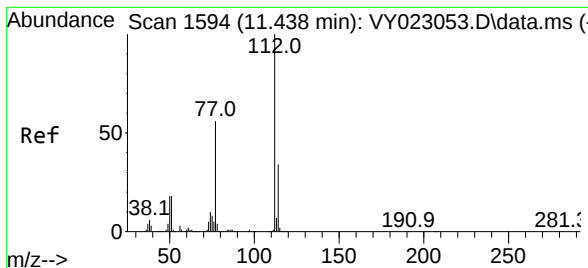
164 100

166 126.6 101.1 151.7

129 91.3 74.0 111.0

131 86.3 71.1 106.7

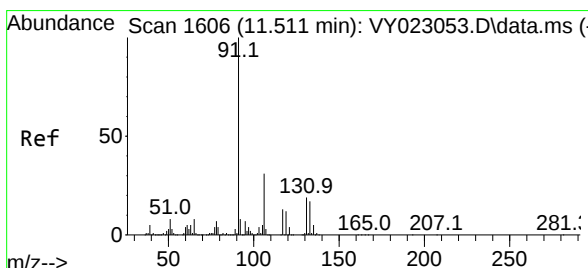
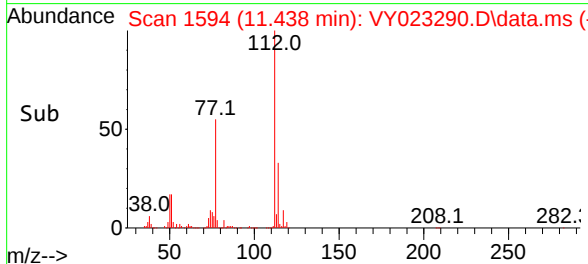
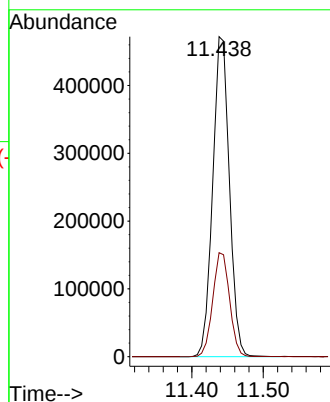
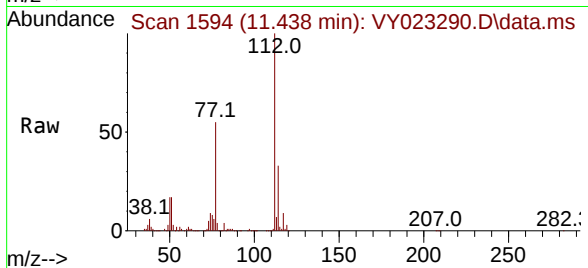




#65
Chlorobenzene
Concen: 54.592 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

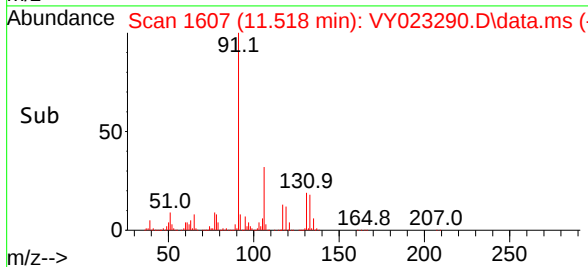
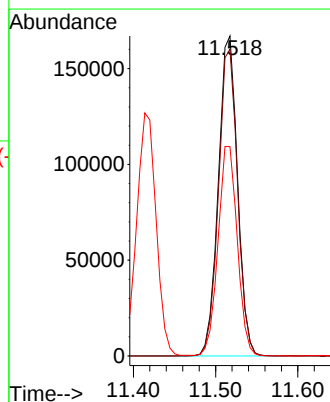
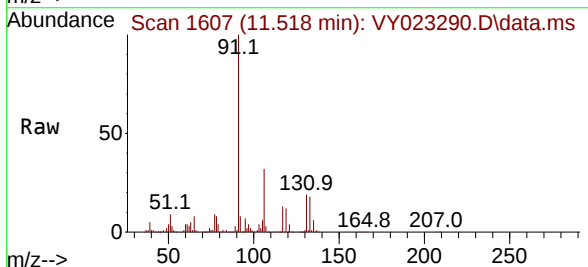
Instrument :
MSVOA_Y
ClientSampleId :

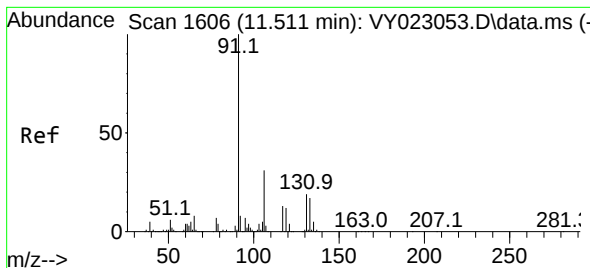
Tgt Ion:112 Resp: 764497
Ion Ratio Lower Upper
112 100
114 32.5 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.894 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:131 Resp: 270403
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.6
119 66.0 33.2 99.6





#67

Ethyl Benzene

Concen: 54.125 ug/l

RT: 11.518 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

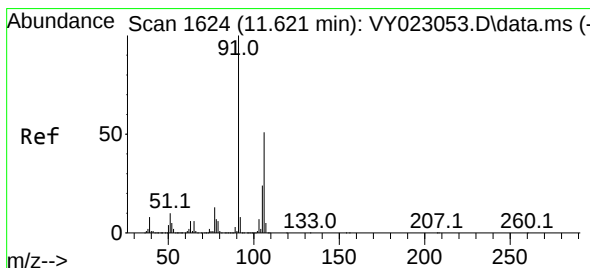
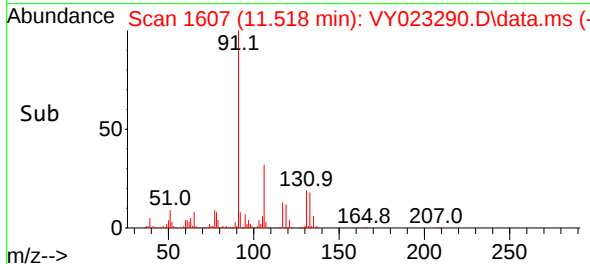
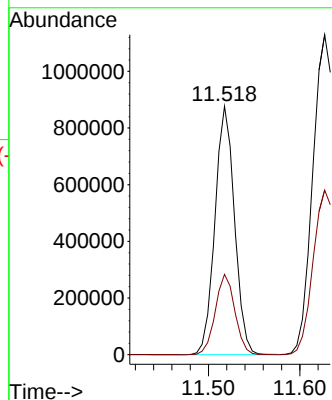
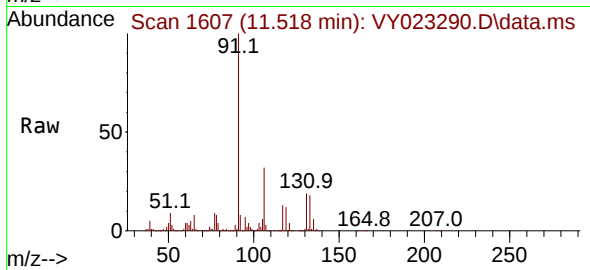
ClientSampleId :

Tgt Ion: 91 Resp: 1304368

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



#68

m/p-Xylenes

Concen: 111.095 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023290.D

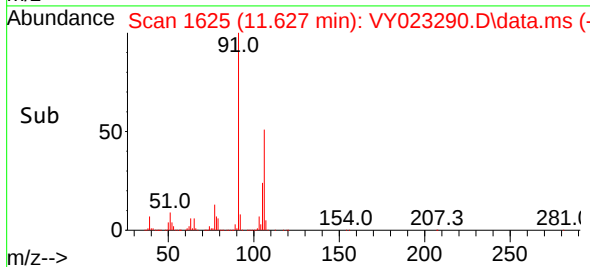
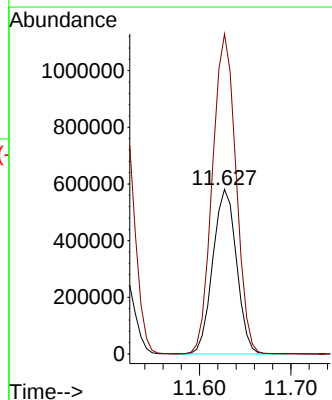
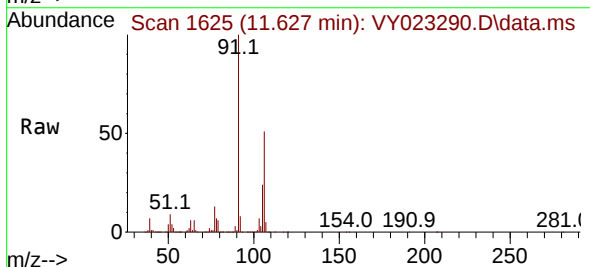
Acq: 05 Sep 2025 09:44

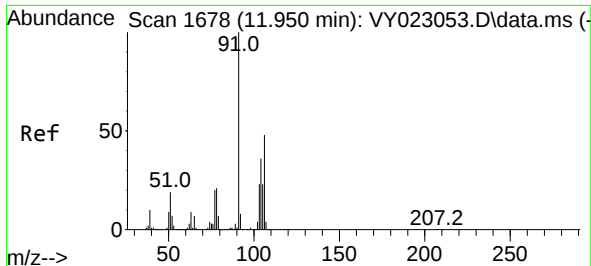
Tgt Ion:106 Resp: 1045655

Ion Ratio Lower Upper

106 100

91 193.5 158.6 238.0

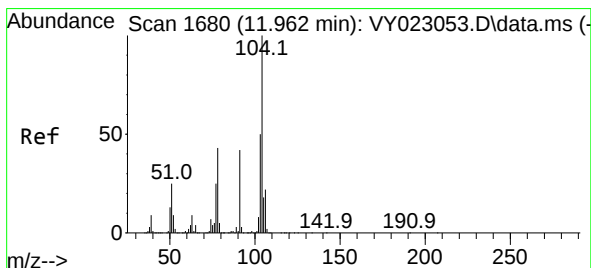
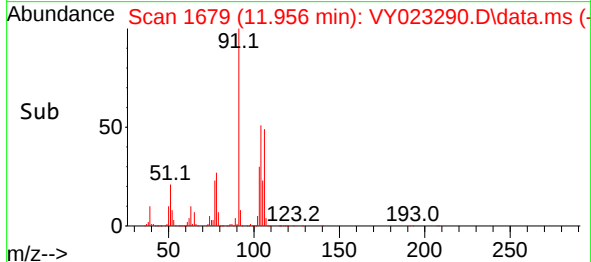
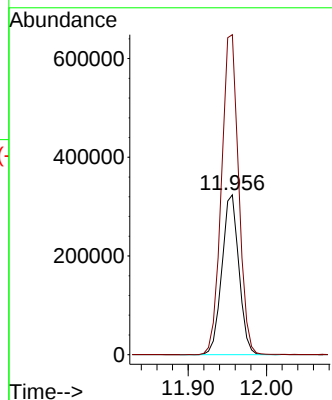
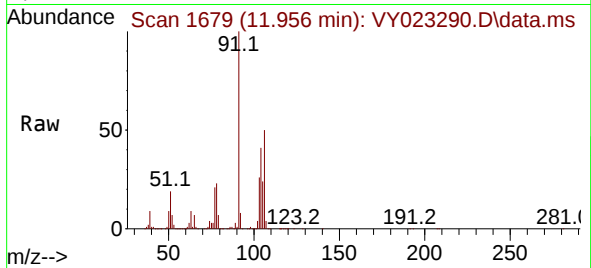




#69
o-Xylene
Concen: 55.458 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

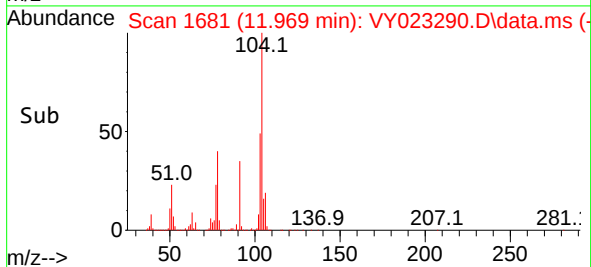
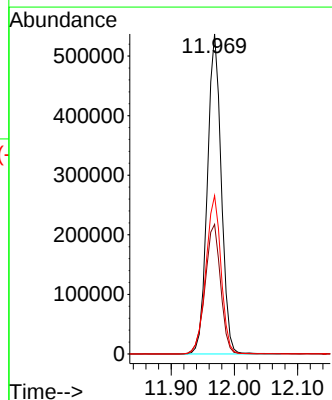
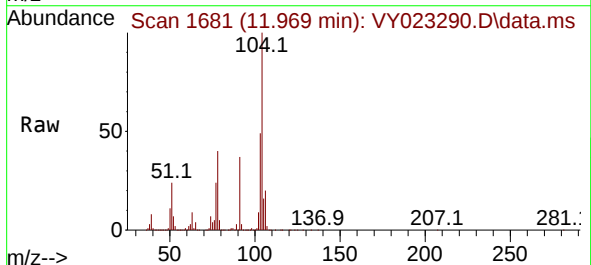
Instrument :
MSVOA_Y
ClientSampleId :

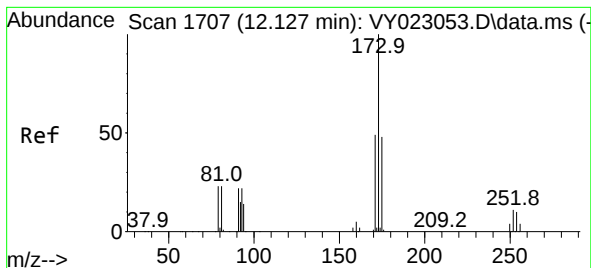
Tgt Ion:106 Resp: 488887
Ion Ratio Lower Upper
106 100
91 202.9 103.2 309.4



#70
Styrene
Concen: 56.978 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:104 Resp: 821418
Ion Ratio Lower Upper
104 100
78 45.1 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 58.202 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

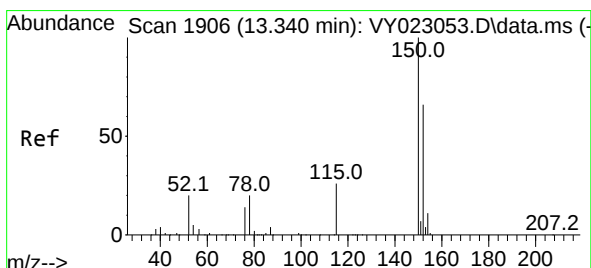
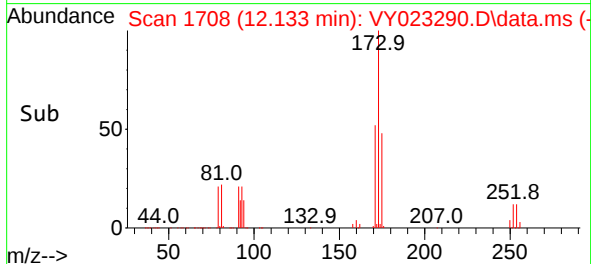
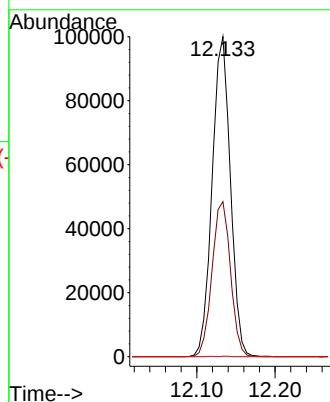
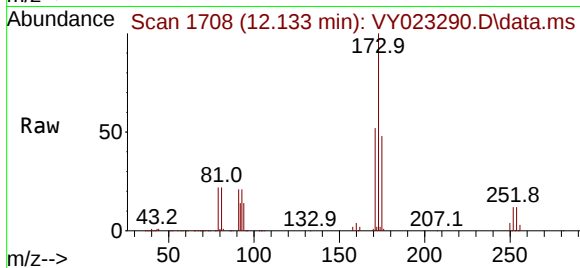
Tgt Ion:173 Resp: 161672

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

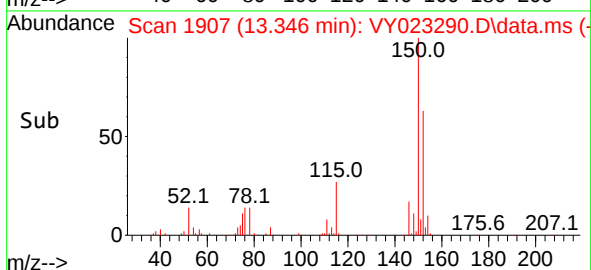
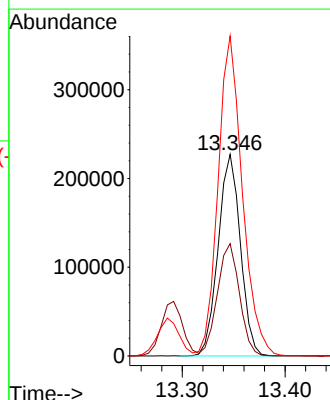
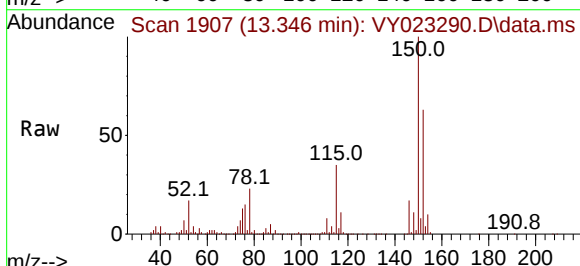
Tgt Ion:152 Resp: 340704

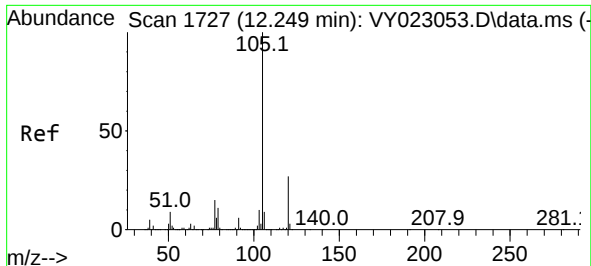
Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.6

150 173.6 0.0 348.0

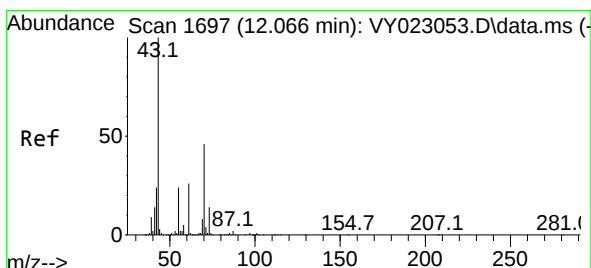
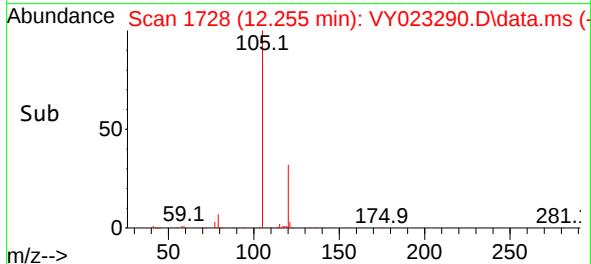
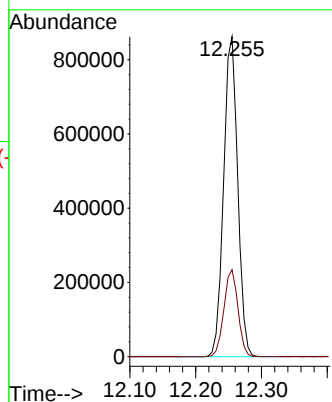
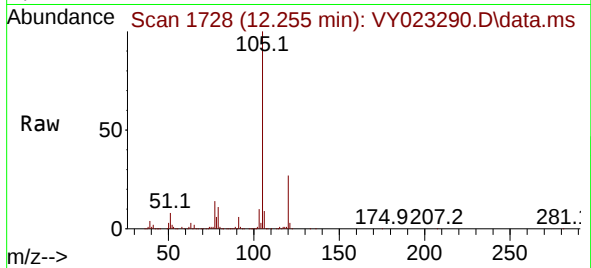




#73
Isopropylbenzene
Concen: 53.354 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

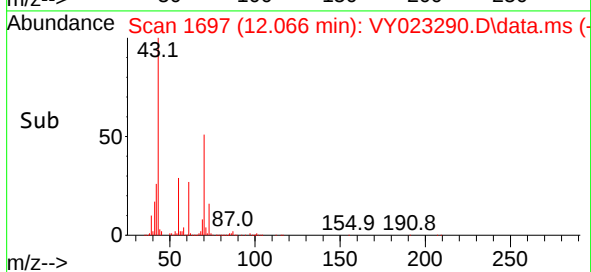
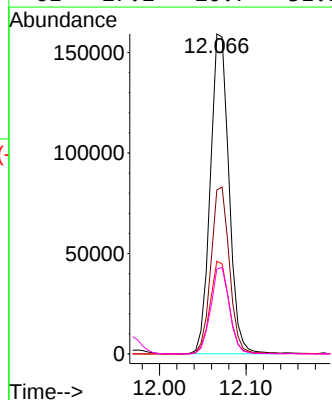
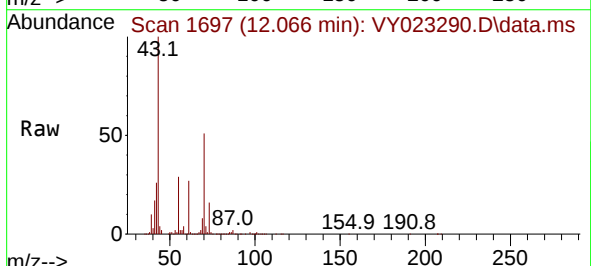
Instrument :
MSVOA_Y
ClientSampleId :

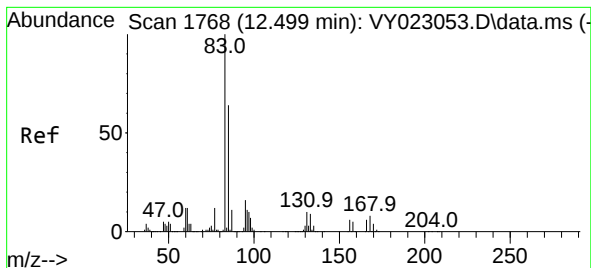
Tgt Ion:105 Resp: 1282983
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 46.635 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 43 Resp: 237817
Ion Ratio Lower Upper
43 100
70 51.8 37.5 56.3
55 29.5 20.7 31.1
61 27.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.735 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

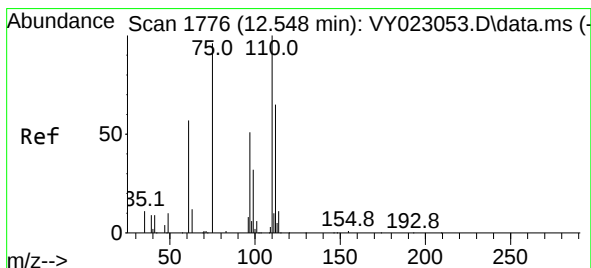
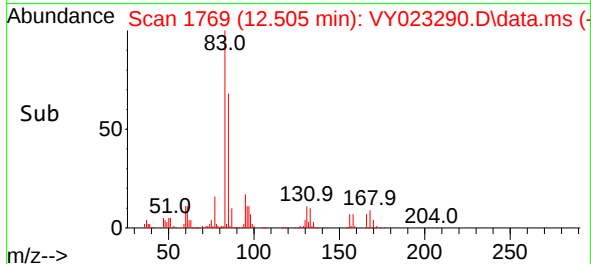
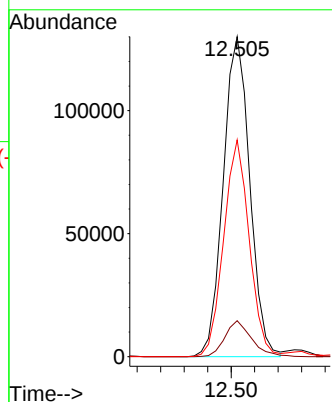
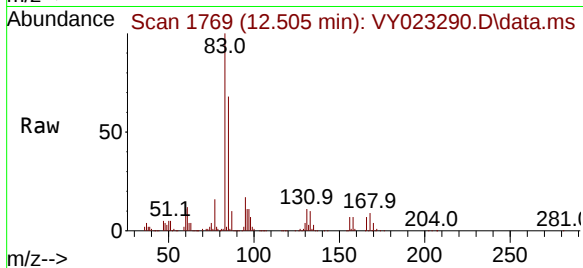
Tgt Ion: 83 Resp: 204205

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

85 65.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 84.435 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023290.D

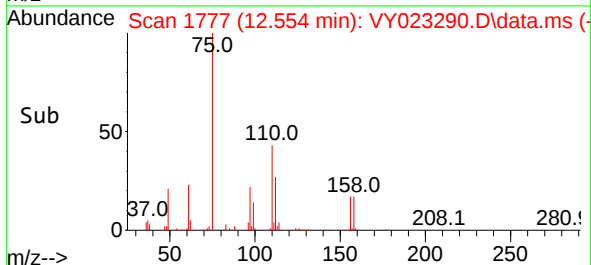
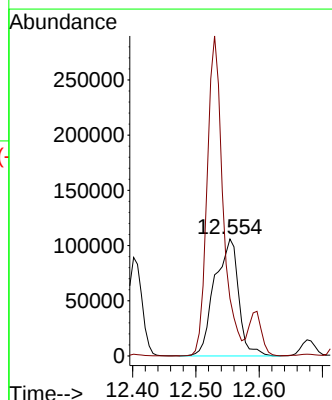
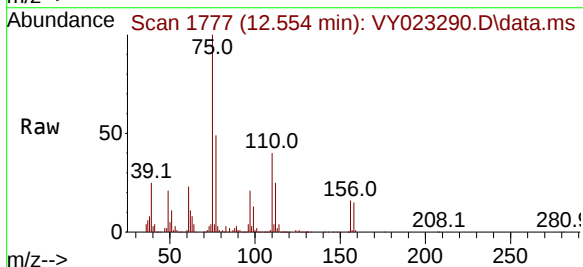
Acq: 05 Sep 2025 09:44

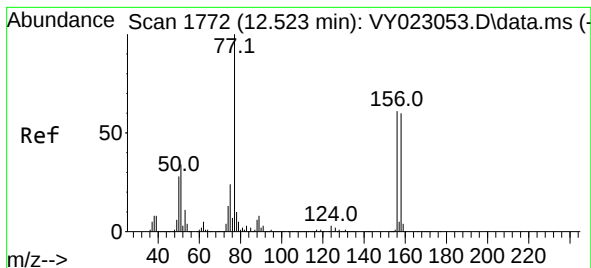
Tgt Ion: 75 Resp: 277634

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.363 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

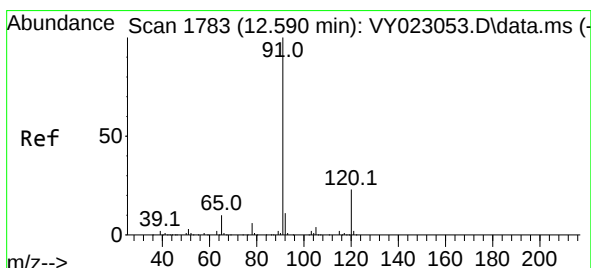
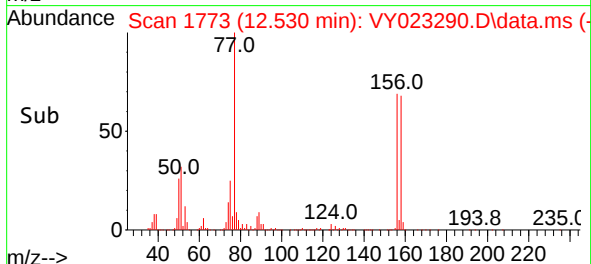
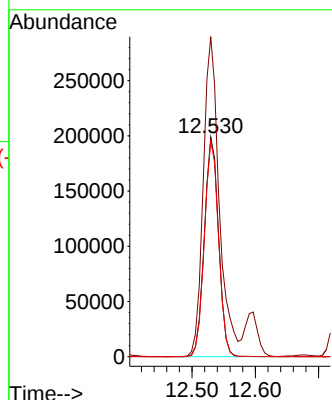
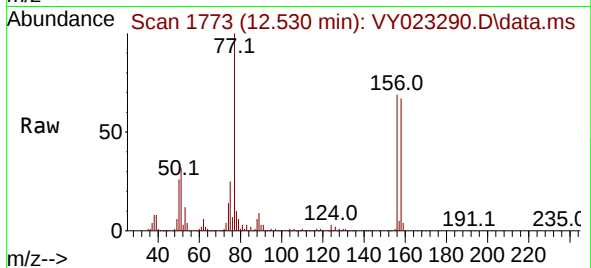
Tgt Ion:156 Resp: 311868

Ion Ratio Lower Upper

156 100

77 162.9 88.1 264.4

158 97.8 48.0 144.0



#78

n-propylbenzene

Concen: 53.307 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023290.D

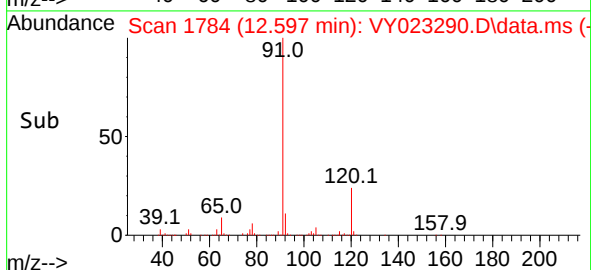
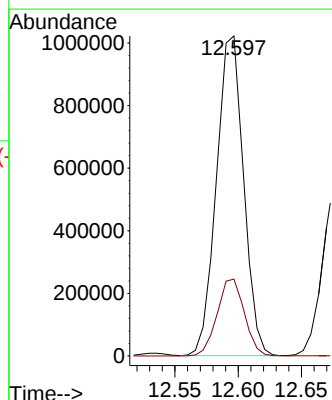
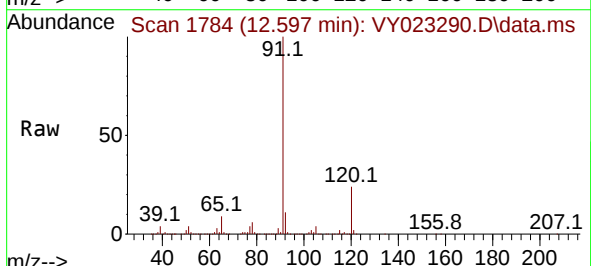
Acq: 05 Sep 2025 09:44

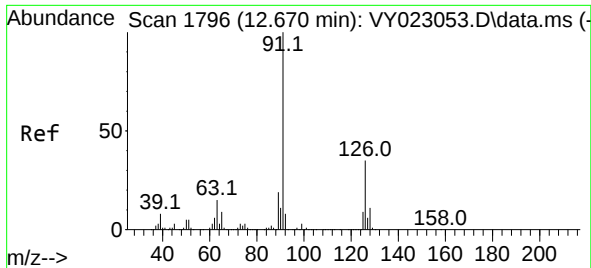
Tgt Ion: 91 Resp: 1526123

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.5

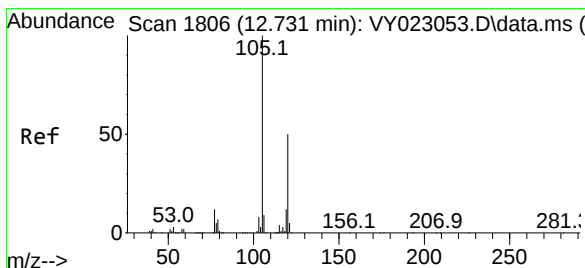
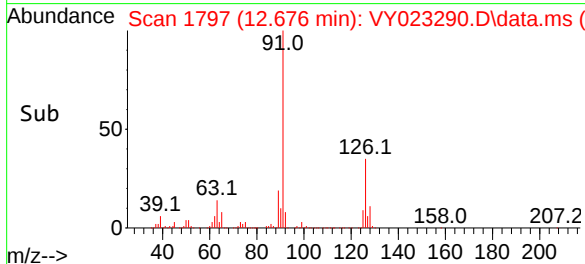
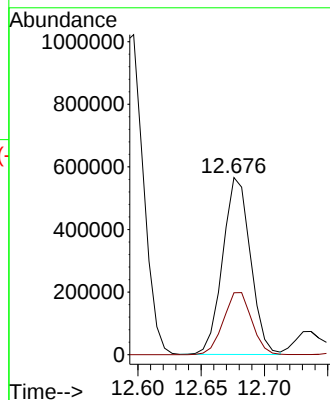
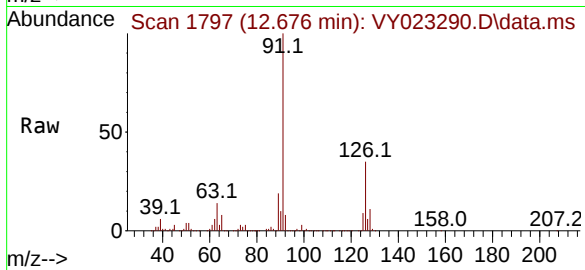




#79
2-Chlorotoluene
Concen: 52.634 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

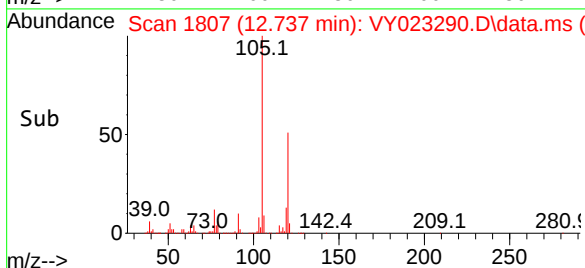
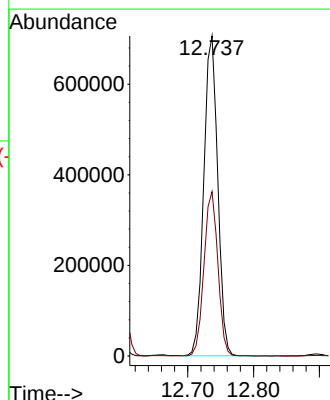
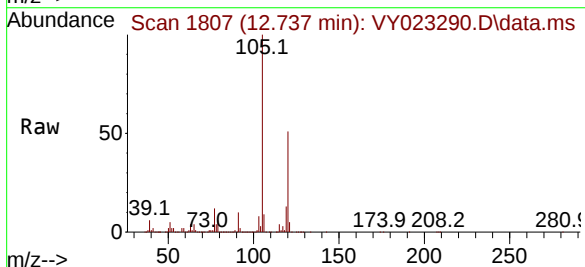
Instrument :
MSVOA_Y
ClientSampleId :

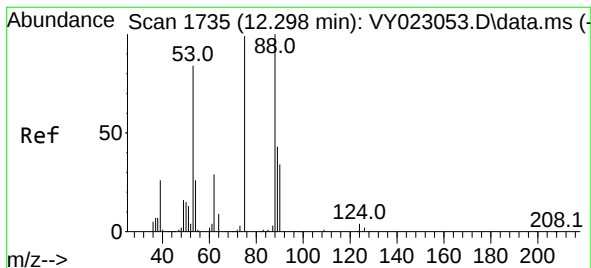
Tgt Ion: 91 Resp: 863359
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 53.538 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 105 Resp: 1040471
Ion Ratio Lower Upper
105 100
120 51.2 24.8 74.4

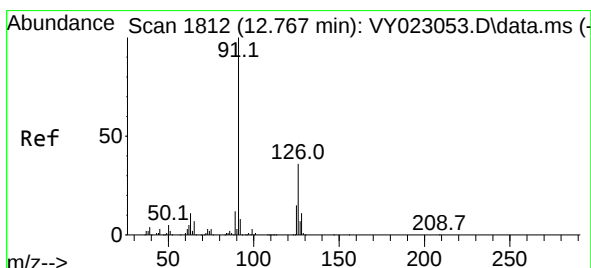
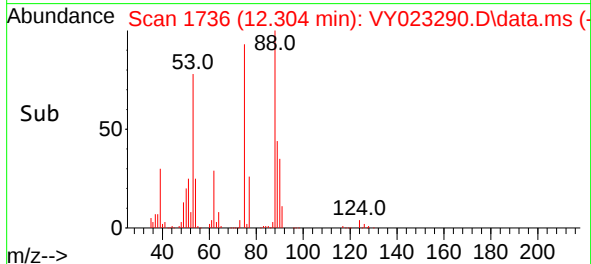
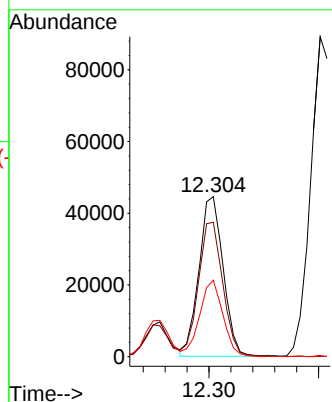
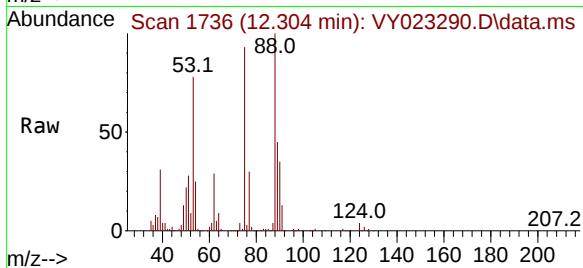




#81
trans-1,4-Dichloro-2-butene
Concen: 50.131 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

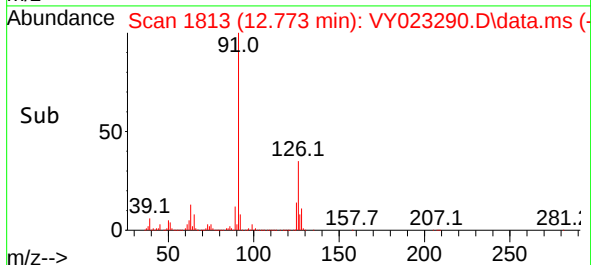
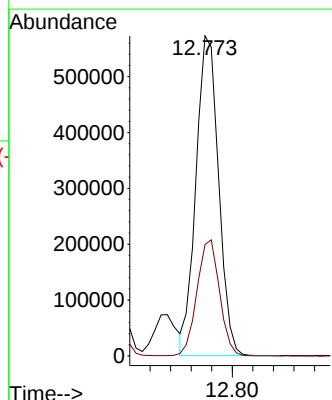
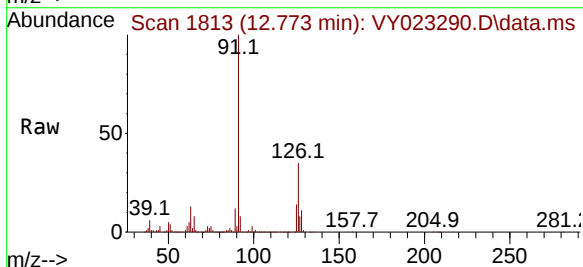
Instrument :
MSVOA_Y
ClientSampleId :

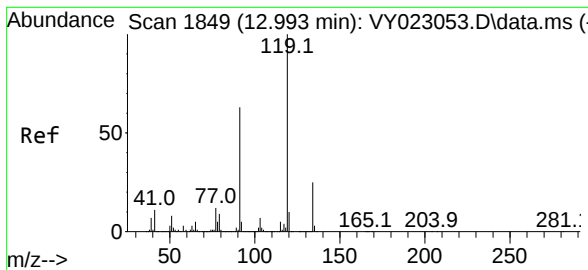
Tgt Ion: 75 Resp: 68096
Ion Ratio Lower Upper
75 100
53 85.4 70.8 106.2
89 46.4 38.1 57.1



#82
4-Chlorotoluene
Concen: 51.501 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion: 91 Resp: 876364
Ion Ratio Lower Upper
91 100
126 36.5 17.3 52.0

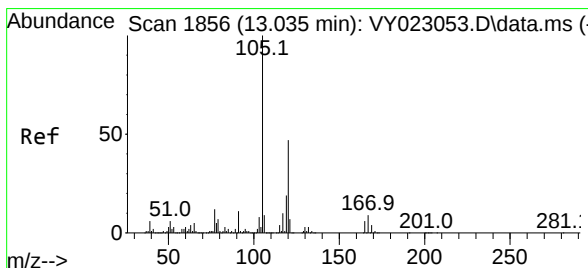
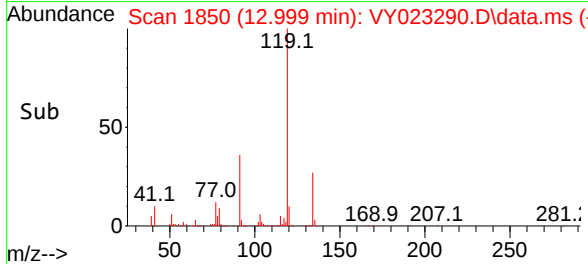
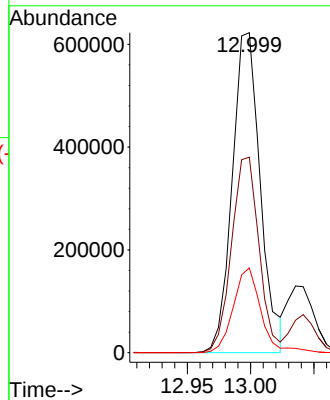
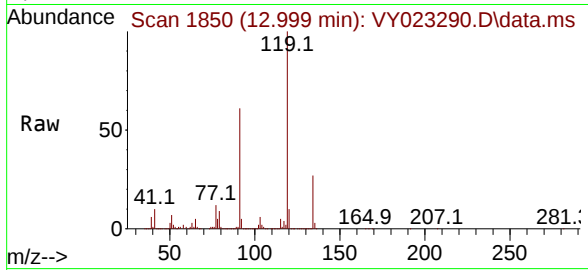




#83
tert-Butylbenzene
Concen: 54.836 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

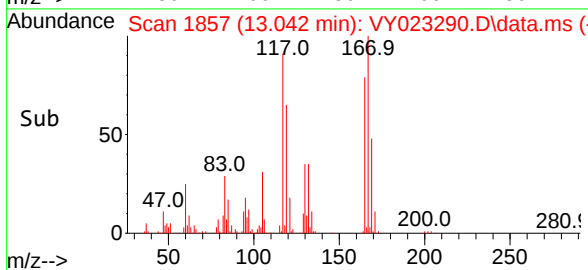
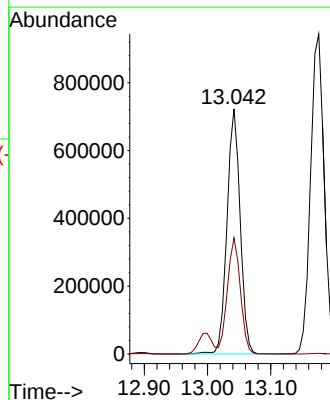
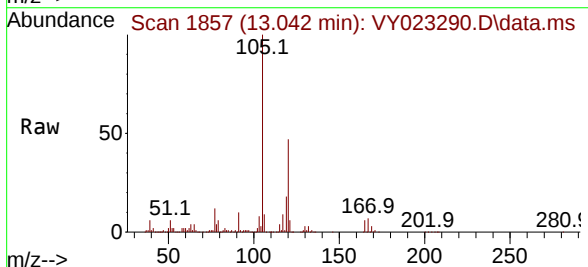
Instrument :
MSVOA_Y
ClientSampleId :

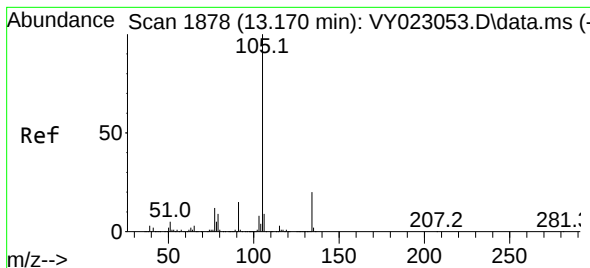
Tgt Ion:119 Resp: 962501
Ion Ratio Lower Upper
119 100
91 59.9 31.6 94.8
134 26.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 53.823 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:105 Resp: 1041248
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 54.283 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

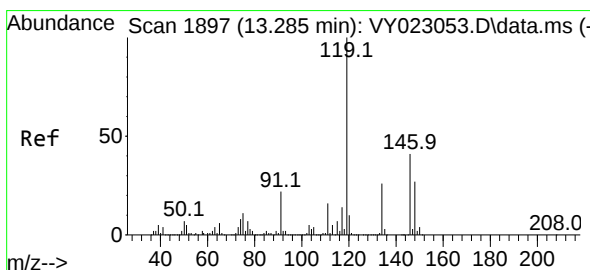
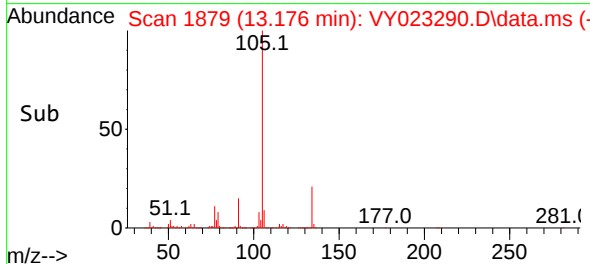
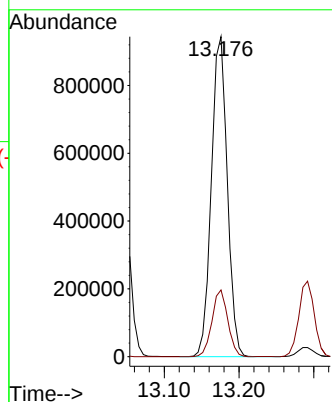
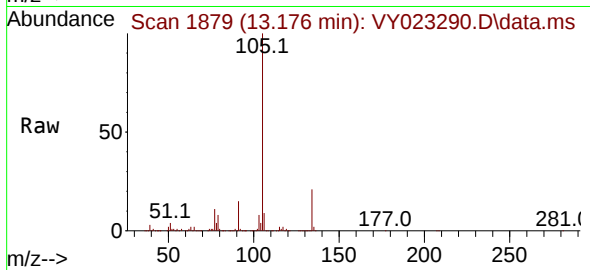
ClientSampleId :

Tgt Ion:105 Resp: 1399622

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.162 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

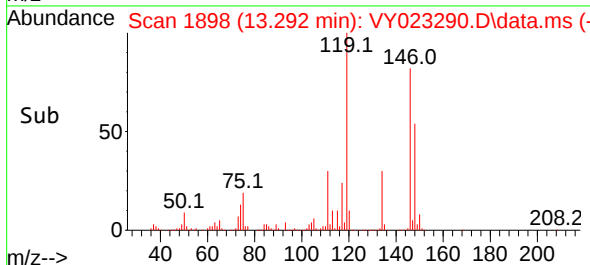
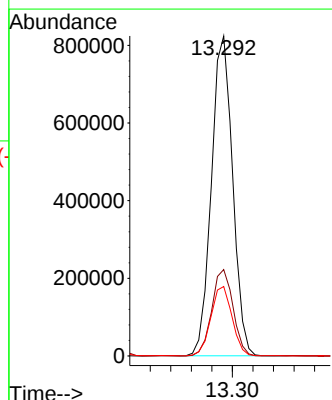
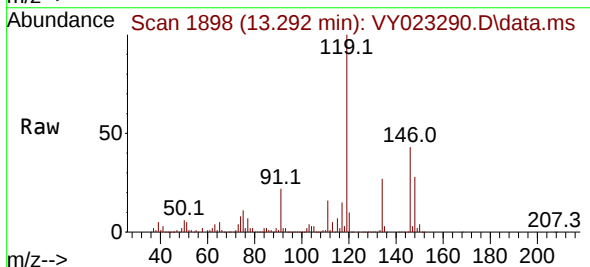
Tgt Ion:119 Resp: 1180590

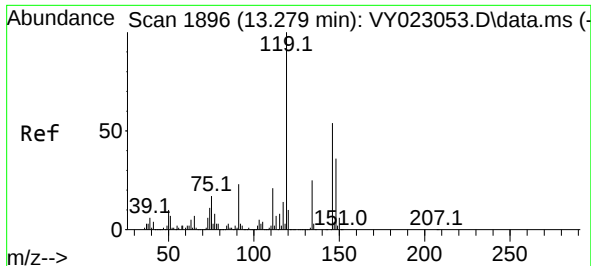
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 21.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 54.459 ug/l

RT: 13.285 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

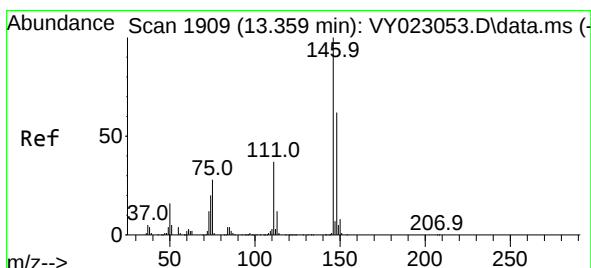
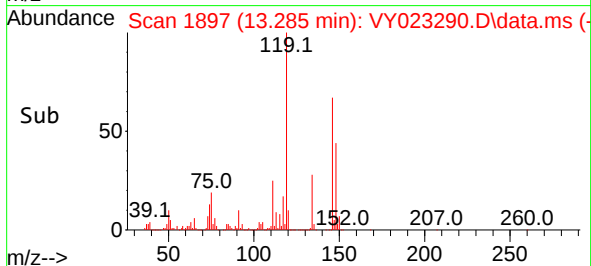
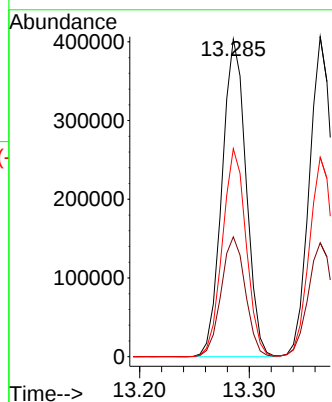
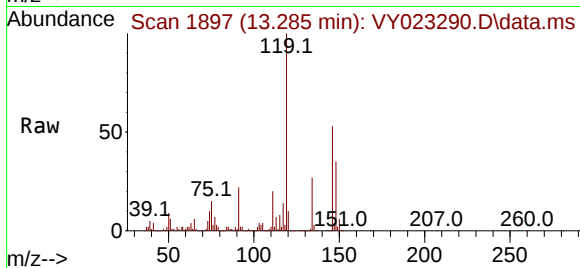
Tgt Ion:146 Resp: 616091

Ion Ratio Lower Upper

146 100

111 37.8 19.6 58.7

148 64.5 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 53.754 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

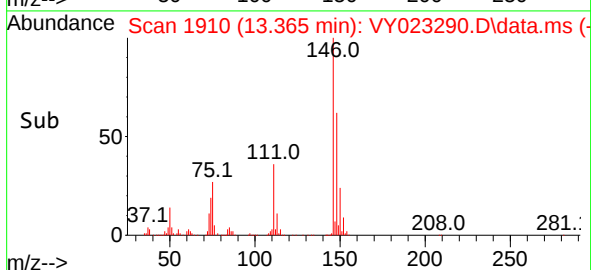
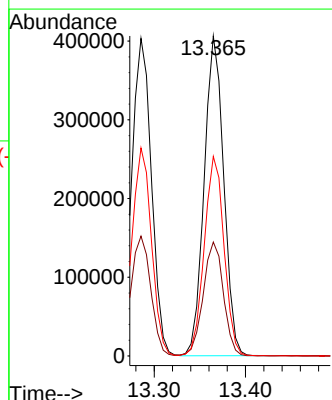
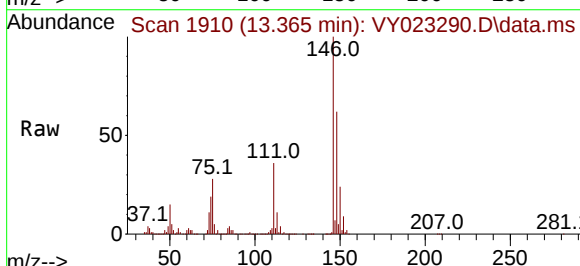
Tgt Ion:146 Resp: 603252

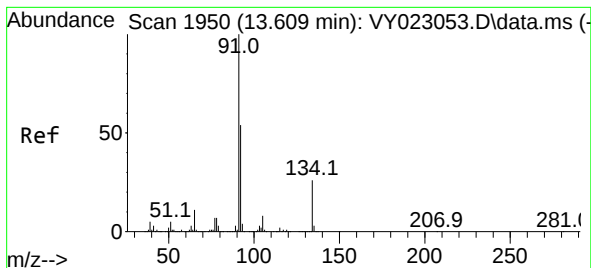
Ion Ratio Lower Upper

146 100

111 36.9 19.1 57.1

148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 54.081 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

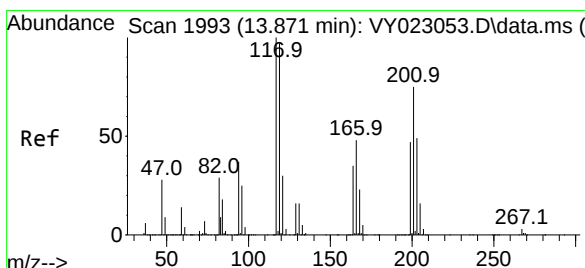
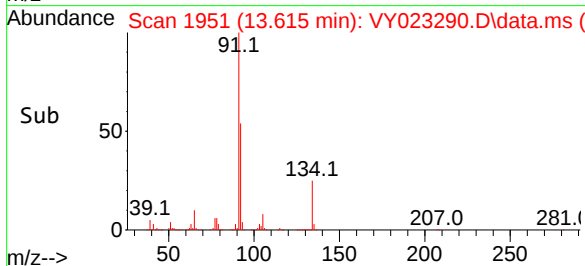
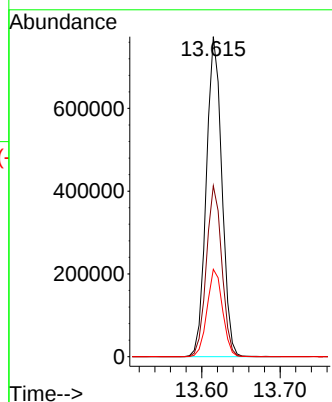
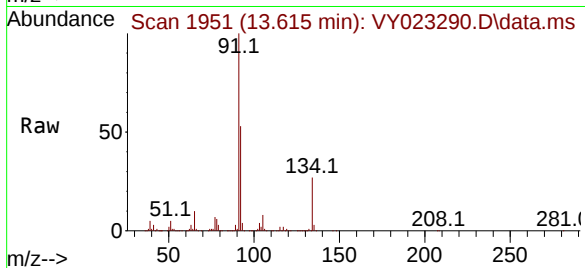
Tgt Ion: 91 Resp: 1063069

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.7

134 27.2 13.2 39.5



#90

Hexachloroethane

Concen: 54.397 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023290.D

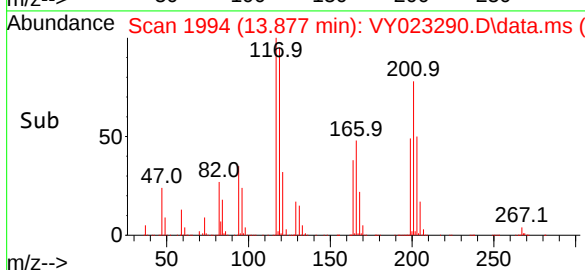
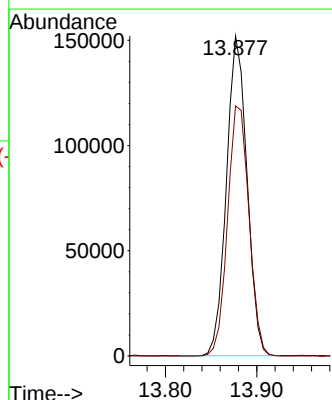
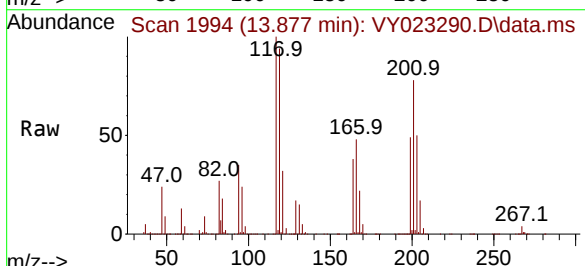
Acq: 05 Sep 2025 09:44

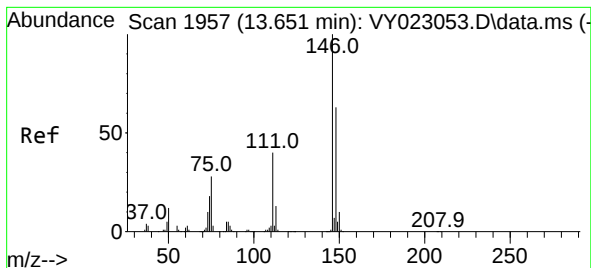
Tgt Ion: 117 Resp: 238329

Ion Ratio Lower Upper

117 100

201 81.4 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 54.553 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

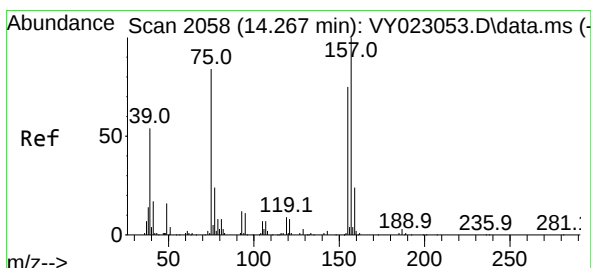
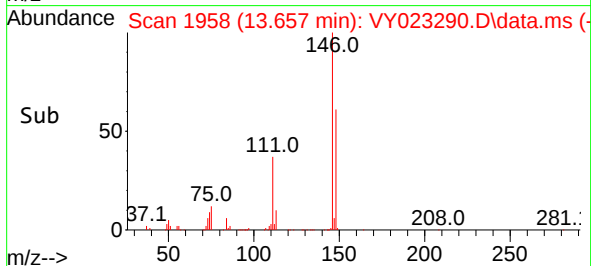
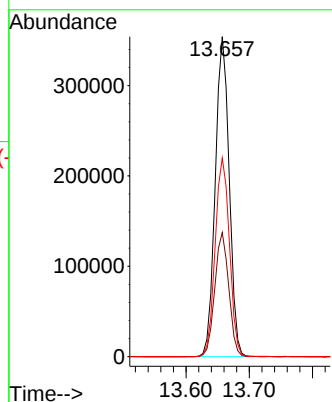
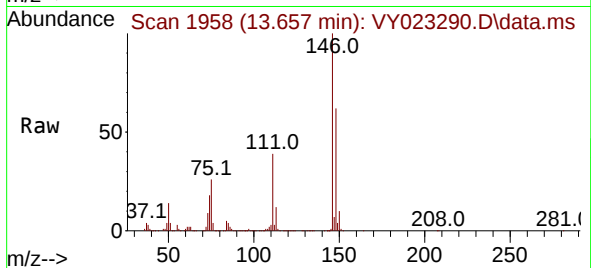
Tgt Ion:146 Resp: 541252

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.8

148 63.6 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.121 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

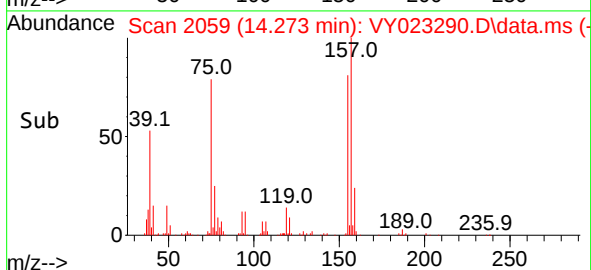
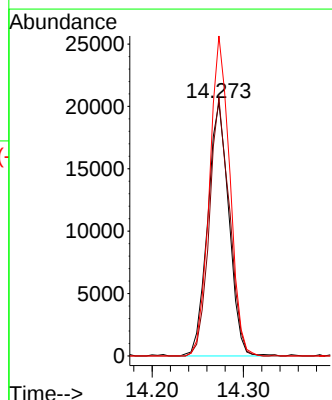
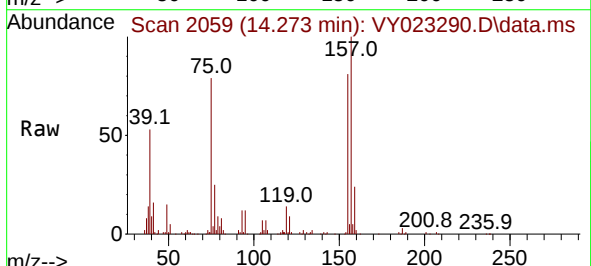
Tgt Ion: 75 Resp: 32680

Ion Ratio Lower Upper

75 100

155 96.1 43.9 131.6

157 120.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 56.062 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

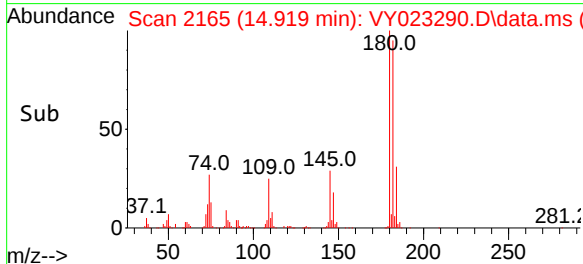
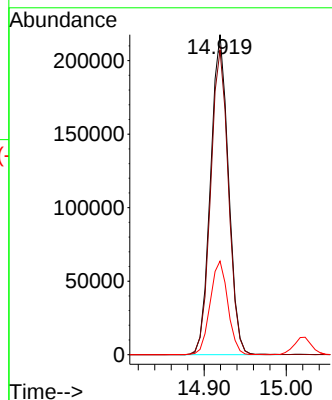
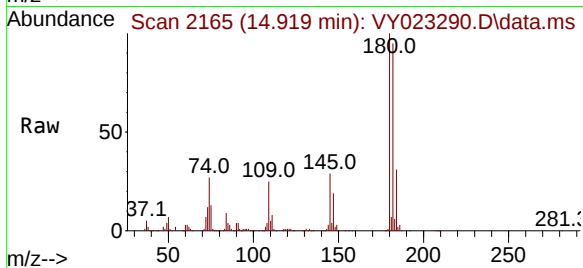
Tgt Ion:180 Resp: 328929

Ion Ratio Lower Upper

180 100

182 94.7 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 58.875 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023290.D

Acq: 05 Sep 2025 09:44

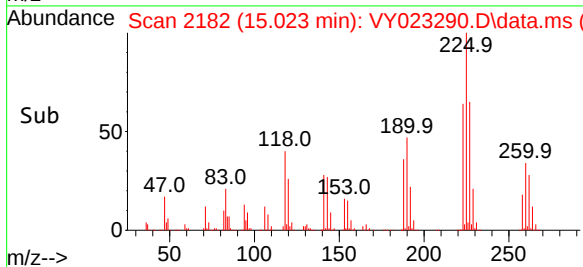
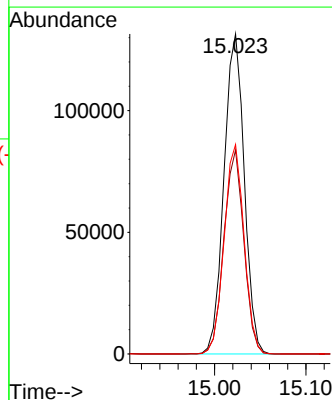
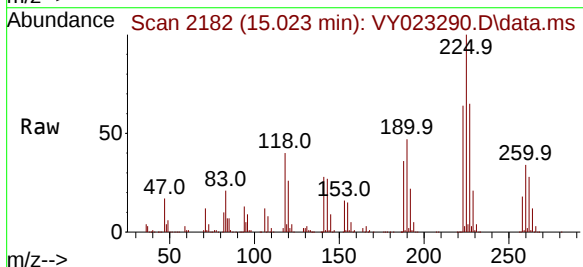
Tgt Ion:225 Resp: 202985

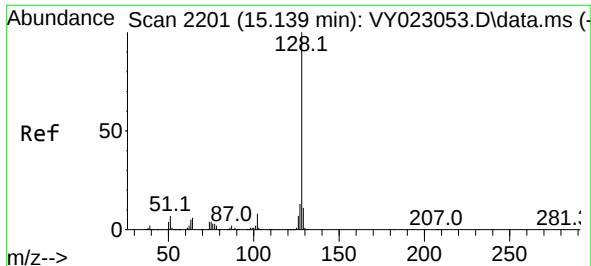
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

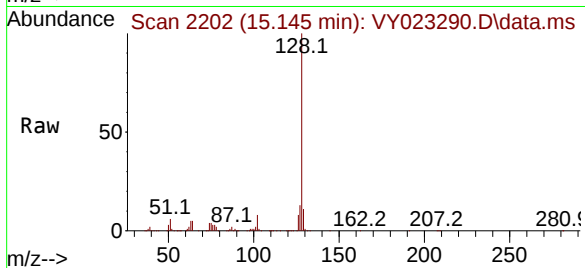
227 64.4 31.5 94.5



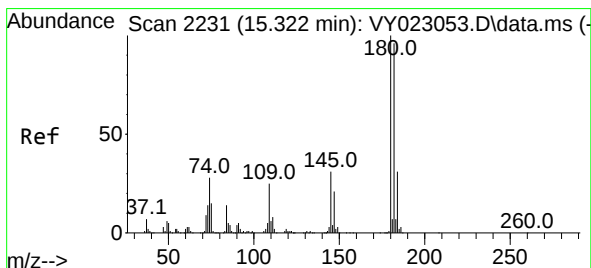
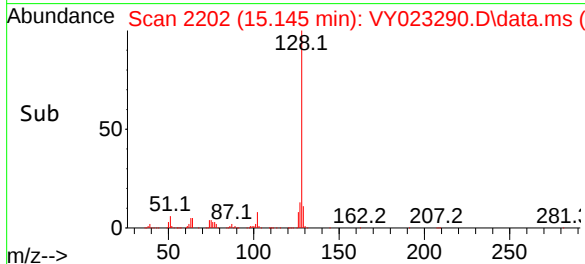
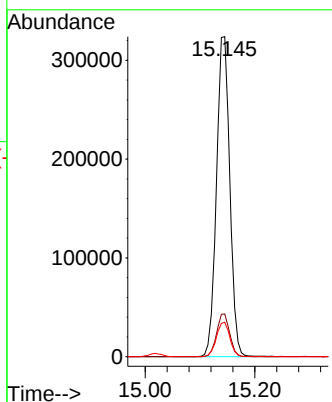


#95
Naphthalene
Concen: 54.632 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 546580
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 56.426 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023290.D
Acq: 05 Sep 2025 09:44

Tgt Ion:180 Resp: 285279
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.7
145 31.0 15.9 47.7

