

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023301.D
 Acq On : 05 Sep 2025 16:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:57:47 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	7.713	168	436317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	668284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	591213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	317166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162580	39.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.200%
35) Dibromofluoromethane	7.634	113	194864	48.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.103	98	765212	48.984	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.402	95	244917	48.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	132102	37.092	ug/l	100
3) Chloromethane	2.068	50	223381	38.725	ug/l	100
4) Vinyl Chloride	2.202	62	297903	41.778	ug/l	97
5) Bromomethane	2.599	94	235914	44.301	ug/l	100
6) Chloroethane	2.739	64	213278	44.990	ug/l	100
7) Trichlorofluoromethane	3.056	101	381425	43.991	ug/l	99
8) Diethyl Ether	3.452	74	89623	39.070	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	202676	47.381	ug/l	97
10) Methyl Iodide	4.007	142	241579	52.337	ug/l	100
11) Tert butyl alcohol	4.866	59	38293	134.395	ug/l #	71
12) 1,1-Dichloroethene	3.787	96	192865	45.871	ug/l	90
13) Acrolein	3.653	56	9238	22.138	ug/l	99
14) Allyl chloride	4.385	41	250589	40.504	ug/l	97
15) Acrylonitrile	5.061	53	145180	155.674	ug/l	98
16) Acetone	3.873	43	147168	163.357	ug/l	98
17) Carbon Disulfide	4.110	76	558561	40.743	ug/l	98
18) Methyl Acetate	4.385	43	83932	31.307	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	422864	38.812	ug/l	98
20) Methylene Chloride	4.616	84	229818	49.040	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	221196	46.814	ug/l	95
22) Diisopropyl ether	6.019	45	568762	42.307	ug/l	96
23) Vinyl Acetate	5.964	43	1244463	167.408	ug/l	97
24) 1,1-Dichloroethane	5.915	63	378795	46.086	ug/l	99
25) 2-Butanone	6.896	43	183545	149.802	ug/l	93
26) 2,2-Dichloropropane	6.884	77	322600	45.486	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	259927	47.585	ug/l	94
28) Bromochloromethane	7.244	49	132475	40.625	ug/l	88
29) Tetrahydrofuran	7.262	42	108993	143.509	ug/l	94
30) Chloroform	7.421	83	404977	47.774	ug/l	96
31) Cyclohexane	7.701	56	305997	39.506	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	366943	48.785	ug/l	99
36) 1,1-Dichloropropene	7.835	75	281766	47.413	ug/l	98
37) Ethyl Acetate	6.988	43	79064	31.671	ug/l	98
38) Carbon Tetrachloride	7.823	117	330835	51.255	ug/l	98
39) Methylcyclohexane	9.110	83	356176	45.513	ug/l	95
40) Benzene	8.079	78	892710	48.738	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023301.D
 Acq On : 05 Sep 2025 16:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:57:47 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)
41) Methacrylonitrile	7.220	41	38754	26.899	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	196070	41.159	ug/l	98
43) Isopropyl Acetate	8.201	43	165019	32.705	ug/l	98
44) Trichloroethene	8.866	130	247506	52.289	ug/l	96
45) 1,2-Dichloropropane	9.140	63	196712	46.676	ug/l	97
46) Dibromomethane	9.231	93	102839	42.514	ug/l	96
47) Bromodichloromethane	9.420	83	298175	47.905	ug/l	99
48) Methyl methacrylate	9.219	41	79194	32.800	ug/l	93
49) 1,4-Dioxane	9.231	88	17875	630.222	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	425236	163.385	ug/l	98
52) Toluene	10.170	92	581930	50.023	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	235216	41.732	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	300706	45.117	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	141180	43.617	ug/l	99
56) Ethyl methacrylate	10.439	69	159204	38.438	ug/l	96
57) 1,3-Dichloropropane	10.713	76	229939	41.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	360068	184.301	ug/l	95
59) 2-Hexanone	10.762	43	292756	165.190	ug/l	98
60) Dibromochloromethane	10.914	129	199296	46.663	ug/l	100
61) 1,2-Dibromoethane	11.012	107	125430	41.229	ug/l	99
64) Tetrachloroethene	10.646	164	311167	58.943	ug/l	98
65) Chlorobenzene	11.438	112	639771	50.168	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	222319	51.367	ug/l	99
67) Ethyl Benzene	11.518	91	1093161	49.812	ug/l	98
68) m/p-Xylenes	11.627	106	881389	102.831	ug/l	96
69) o-Xylene	11.950	106	410402	51.123	ug/l	98
70) Styrene	11.969	104	674691	51.392	ug/l	98
71) Bromoform	12.133	173	107852	42.637	ug/l #	97
73) Isopropylbenzene	12.249	105	1069171	47.762	ug/l	99
74) N-amyl acetate	12.066	43	152397	32.103	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	131169	34.317	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	179086	58.506	ug/l #	100
77) Bromobenzene	12.530	156	251456	47.085	ug/l	91
78) n-propylbenzene	12.591	91	1263550	47.411	ug/l	99
79) 2-Chlorotoluene	12.676	91	719424	47.114	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	875722	48.405	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	41841	33.089	ug/l	96
82) 4-Chlorotoluene	12.774	91	733211	46.286	ug/l	97
83) tert-Butylbenzene	12.993	119	796743	48.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	873509	48.503	ug/l	98
85) sec-Butylbenzene	13.176	105	1159252	48.297	ug/l	99
86) p-Isopropyltoluene	13.292	119	985980	49.488	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	510985	48.520	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	493010	47.191	ug/l	98
89) n-Butylbenzene	13.615	91	871602	47.632	ug/l	99
90) Hexachloroethane	13.877	117	202953	49.761	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	434733	47.069	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18802	31.594	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	255468	46.773	ug/l	99
94) Hexachlorobutadiene	15.017	225	165879	51.683	ug/l	99
95) Naphthalene	15.139	128	348202	37.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	212543	45.159	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
Data File : VY023301.D
Acq On : 05 Sep 2025 16:11
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 06 01:57:47 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

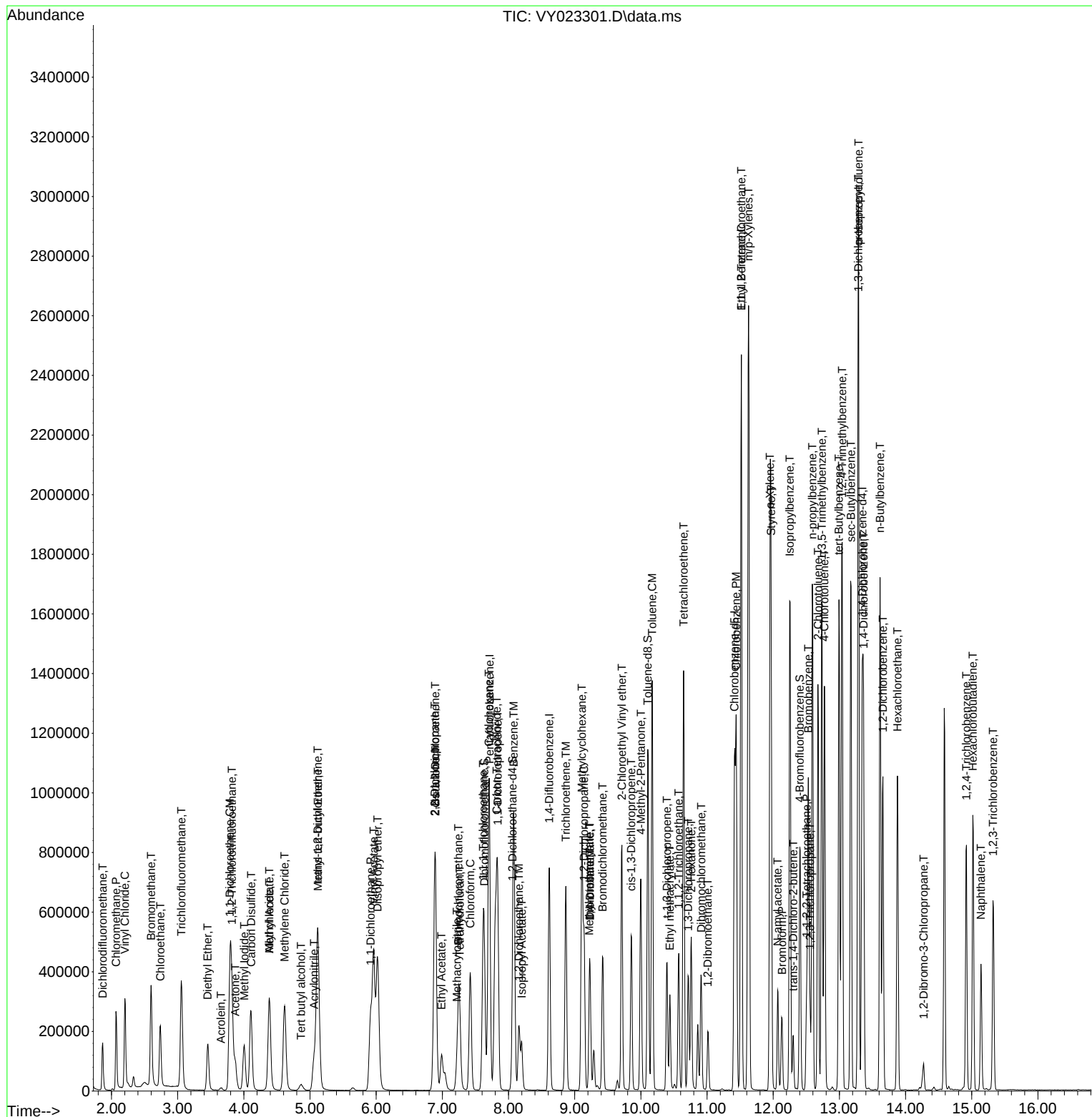
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023301.D
 Acq On : 05 Sep 2025 16:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:57:47 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

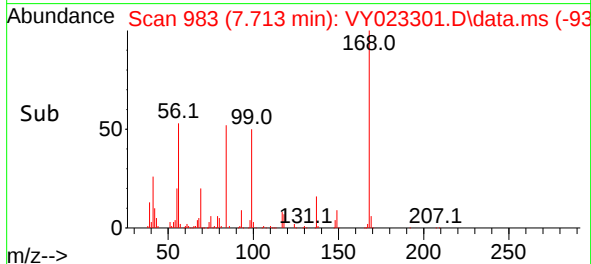
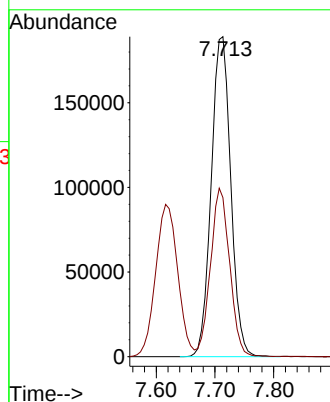
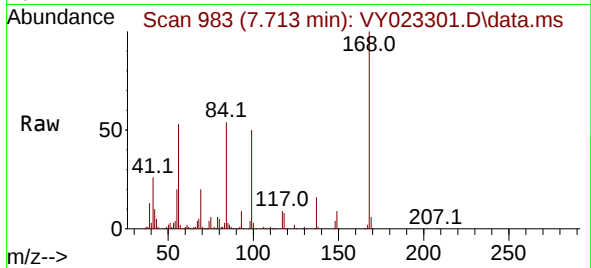




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

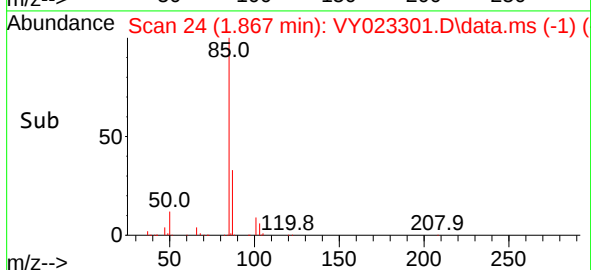
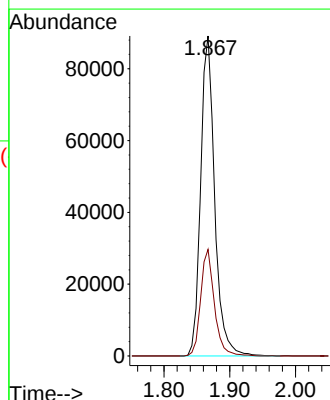
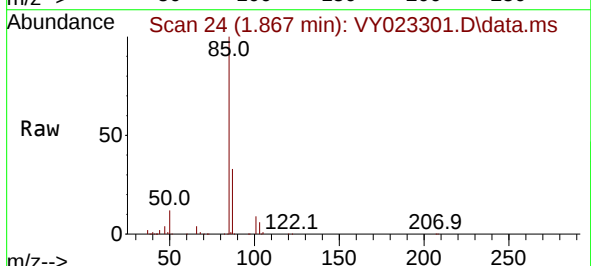
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 436317
Ion Ratio Lower Upper
168 100
99 49.6 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 37.092 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 85 Resp: 132102
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.8

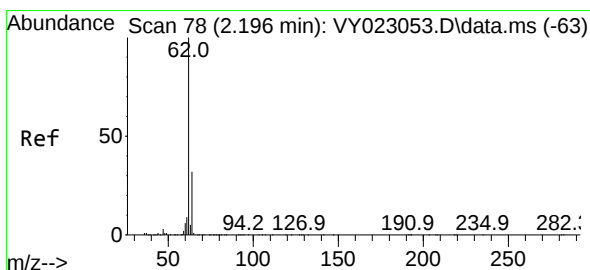
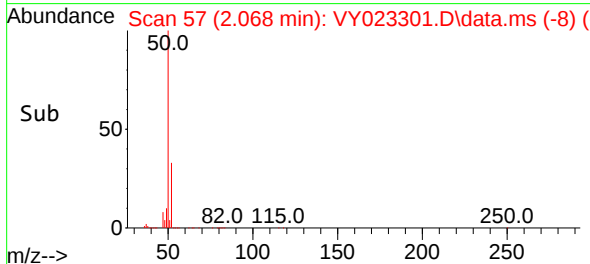
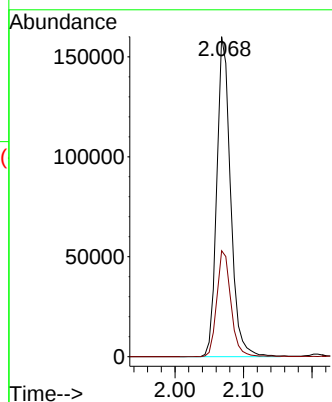
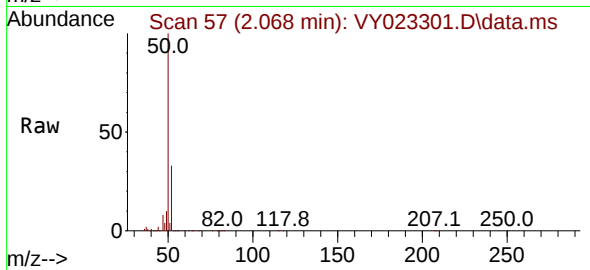




#3
Chloromethane
Concen: 38.725 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

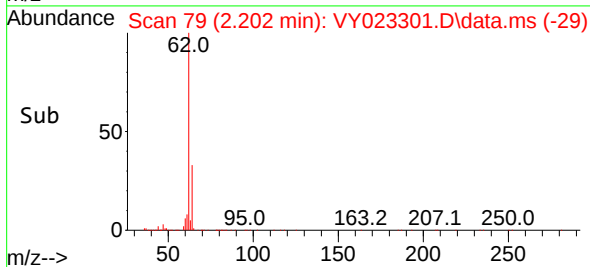
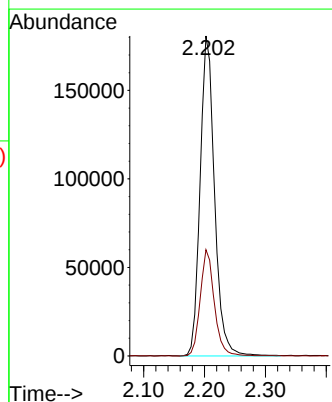
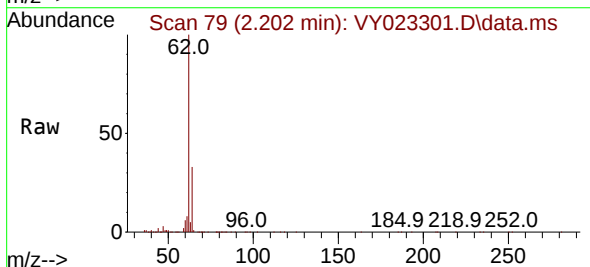
Instrument :
MSVOA_Y
ClientSampleId :

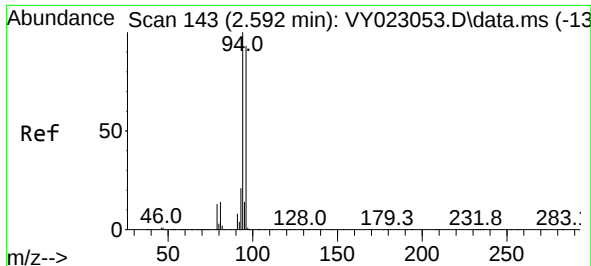
Tgt Ion: 50 Resp: 223381
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 41.778 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 62 Resp: 297903
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

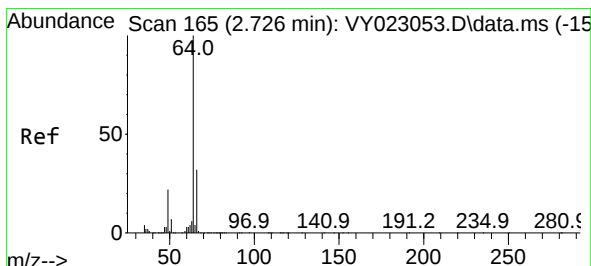
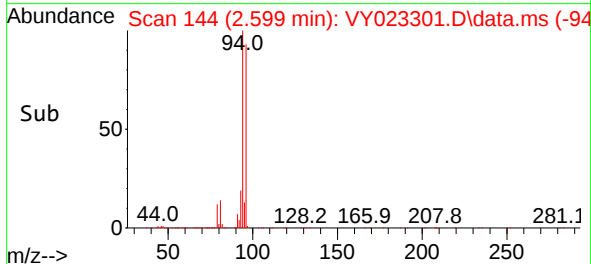
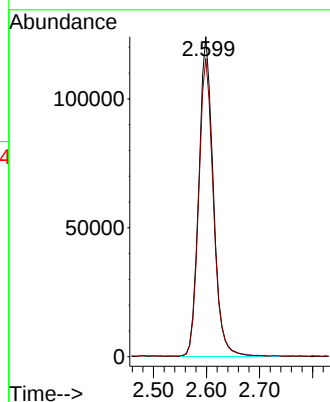
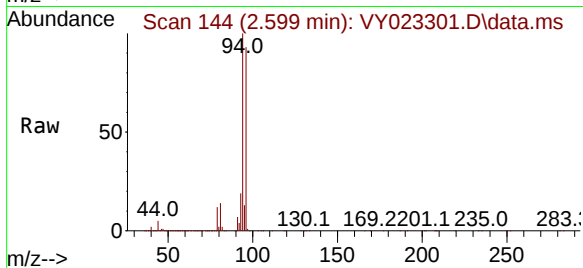




#5
Bromomethane
Concen: 44.301 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

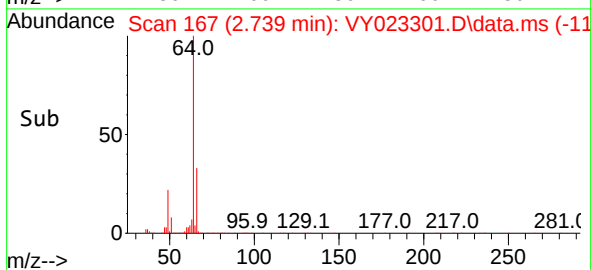
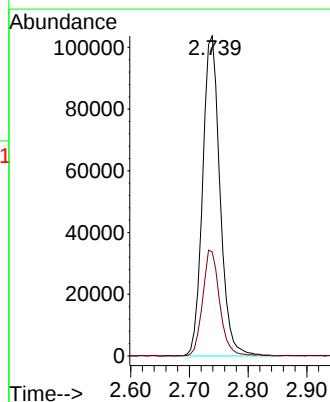
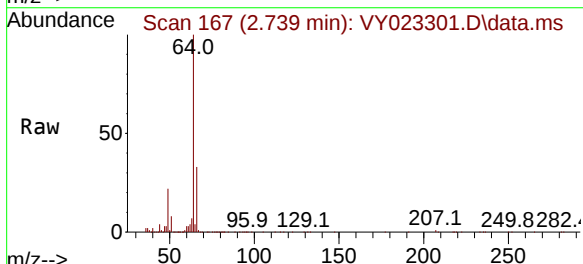
Instrument :
MSVOA_Y
ClientSampleId :

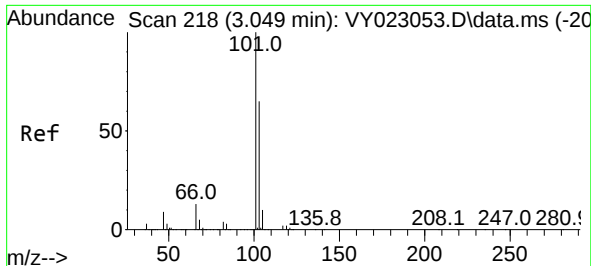
Tgt Ion: 94 Resp: 235914
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0



#6
Chloroethane
Concen: 44.990 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 64 Resp: 213278
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.6

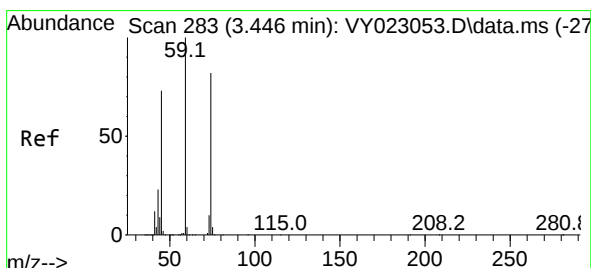
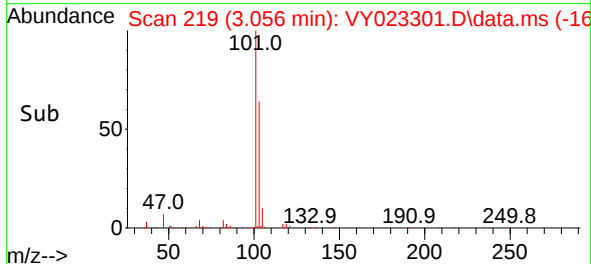
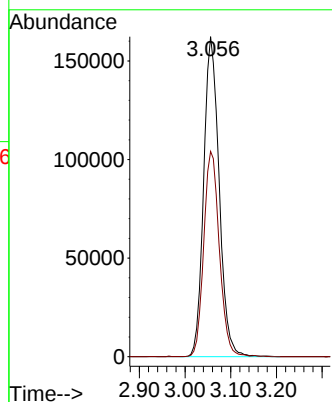
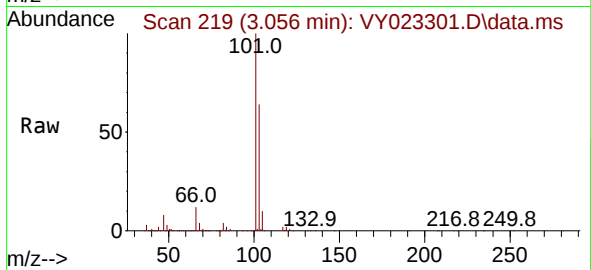




#7
Trichlorofluoromethane
Concen: 43.991 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

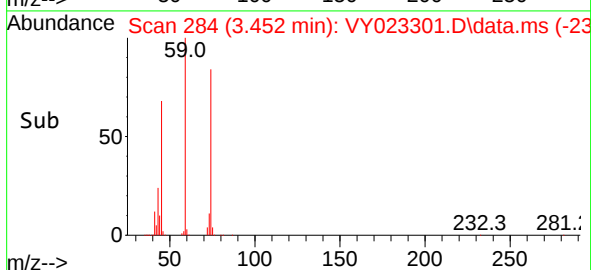
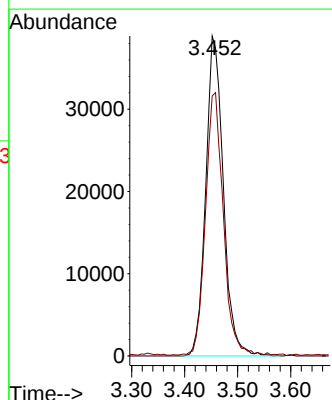
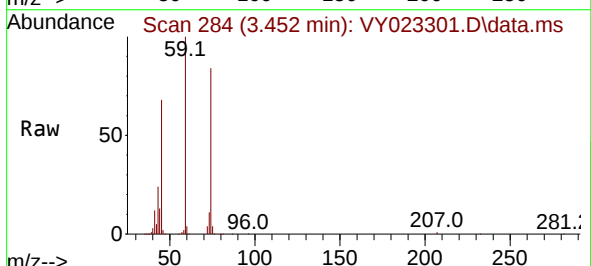
Instrument :
MSVOA_Y
ClientSampleId :

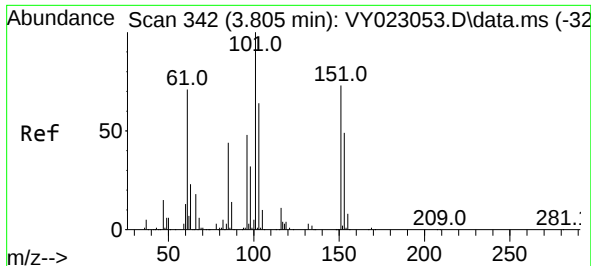
Tgt Ion:101 Resp: 381425
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9



#8
Diethyl Ether
Concen: 39.070 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 74 Resp: 89623
Ion Ratio Lower Upper
74 100
45 83.1 44.4 133.2

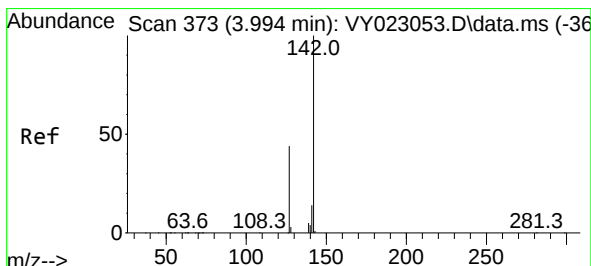
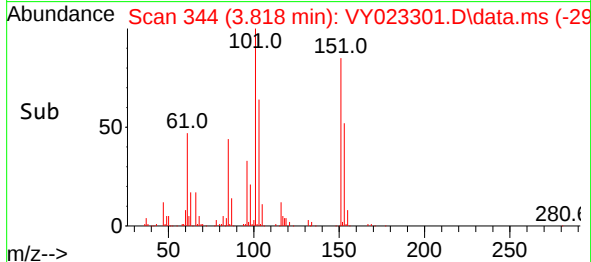
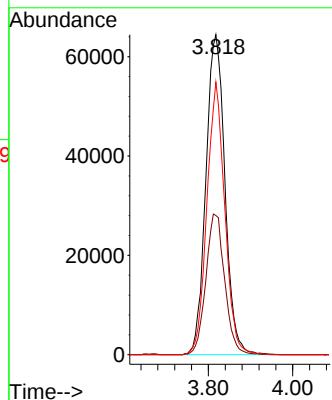
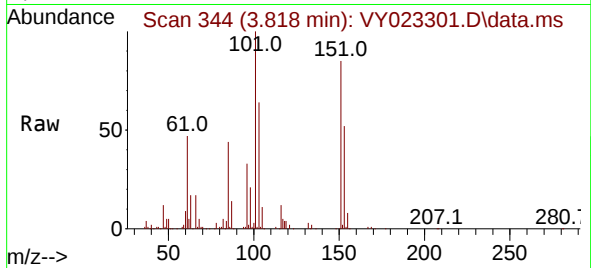




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.381 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

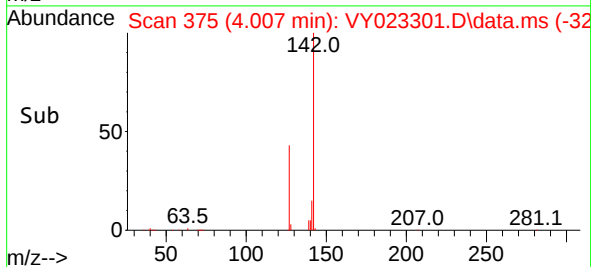
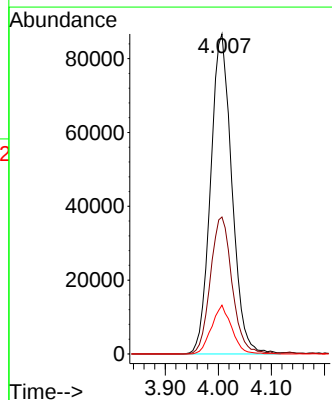
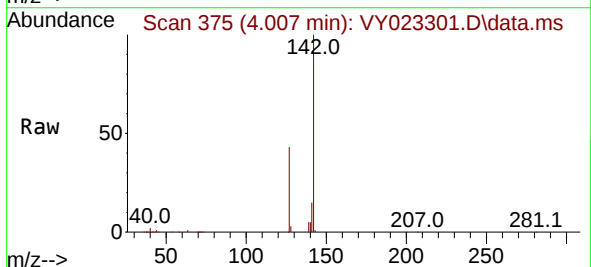
Instrument :
MSVOA_Y
ClientSampleId :

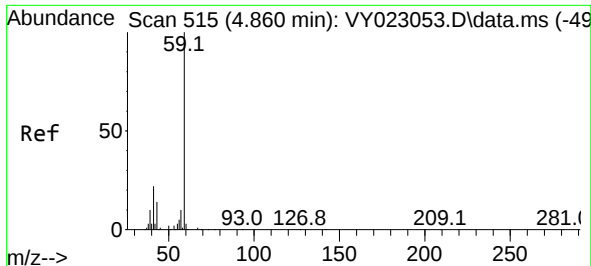
Tgt Ion:101 Resp: 202676
Ion Ratio Lower Upper
101 100
85 43.6 36.3 54.5
151 80.0 61.5 92.3



#10
Methyl Iodide
Concen: 52.337 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion:142 Resp: 241579
Ion Ratio Lower Upper
142 100
127 43.8 34.9 52.3
141 14.4 11.3 16.9

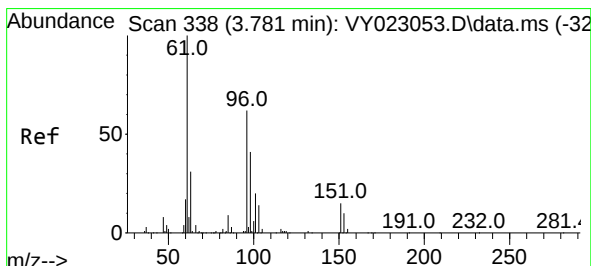
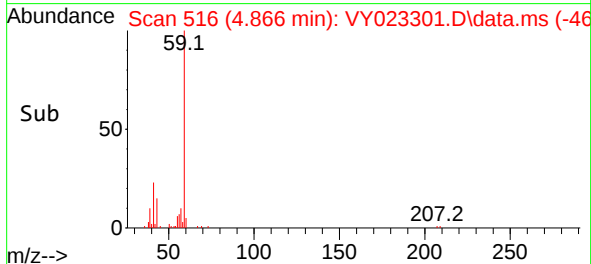
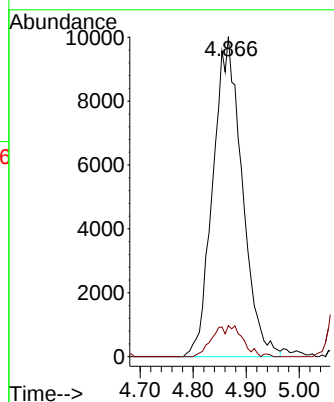
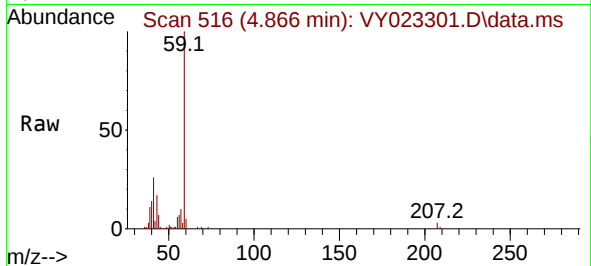




#11
Tert butyl alcohol
Concen: 134.395 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

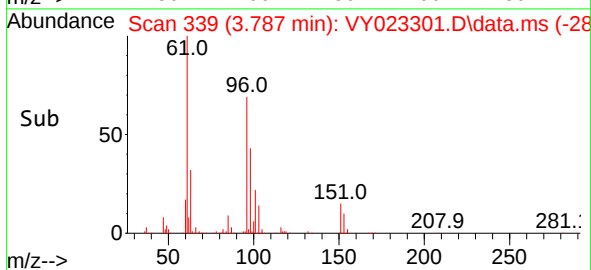
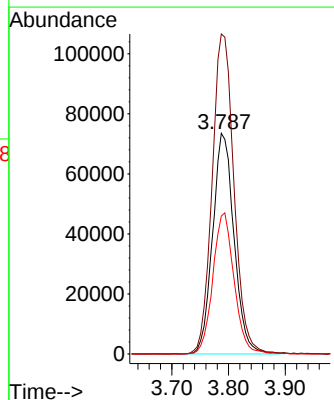
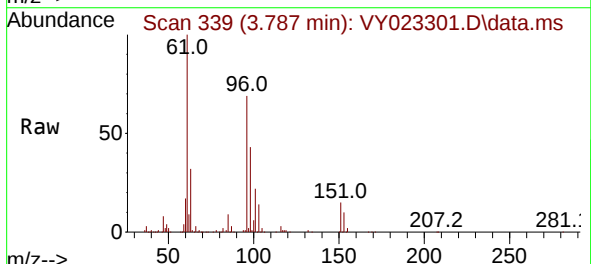
Instrument :
MSVOA_Y
ClientSampleId :

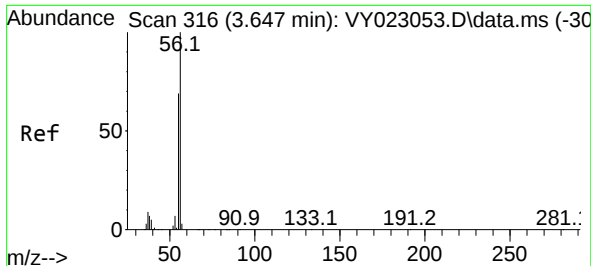
Tgt Ion: 59 Resp: 38293
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 45.871 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 96 Resp: 192865
Ion Ratio Lower Upper
96 100
61 145.0 129.4 194.2
98 62.5 52.8 79.2

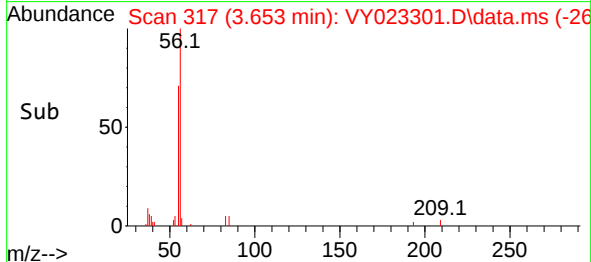
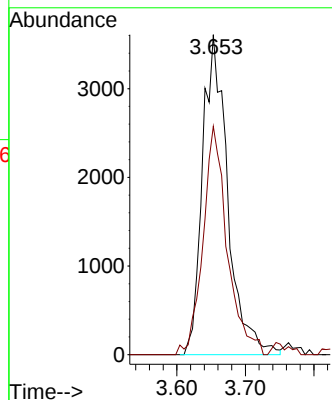
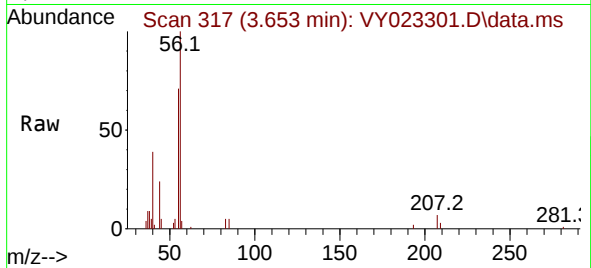




#13
Acrolein
Concen: 22.138 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

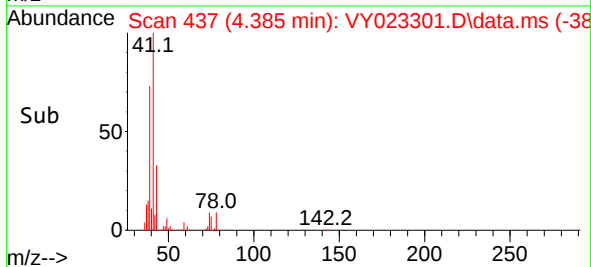
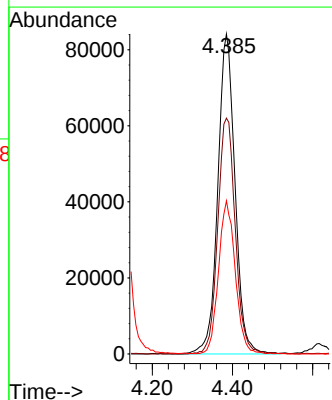
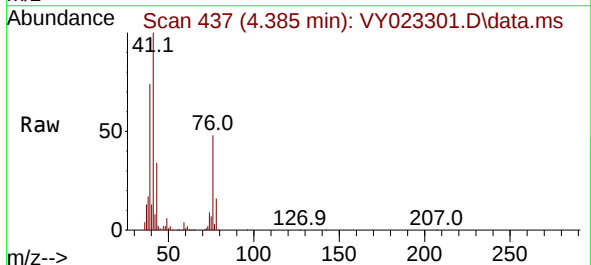
Instrument :
MSVOA_Y
ClientSampleId :

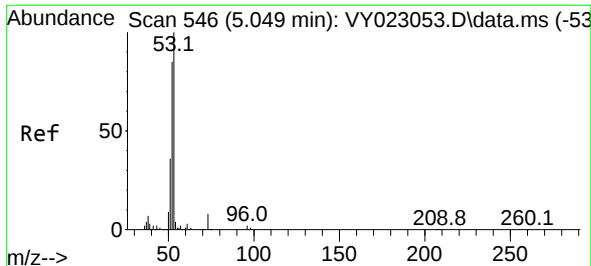
Tgt Ion: 56 Resp: 9238
Ion Ratio Lower Upper
56 100
55 68.6 55.2 82.8



#14
Allyl chloride
Concen: 40.504 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 41 Resp: 250589
Ion Ratio Lower Upper
41 100
39 75.4 59.8 89.6
76 46.4 33.7 50.5

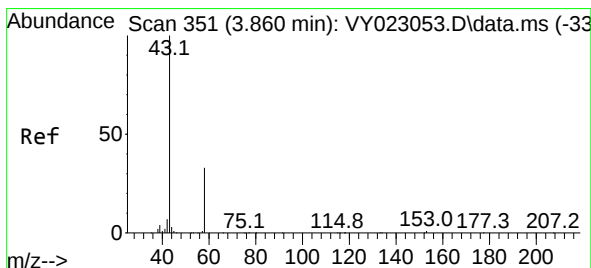
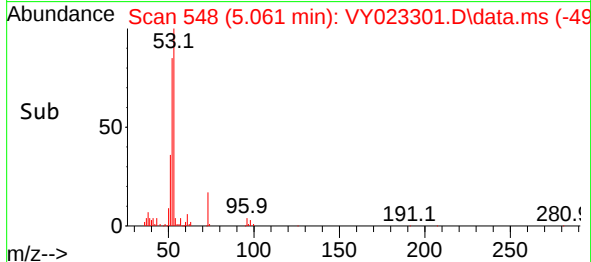
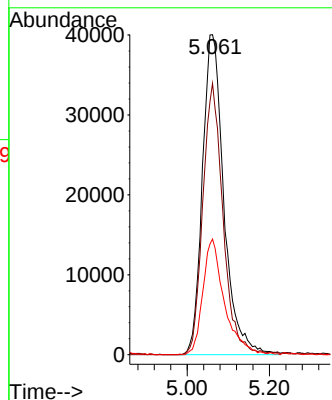
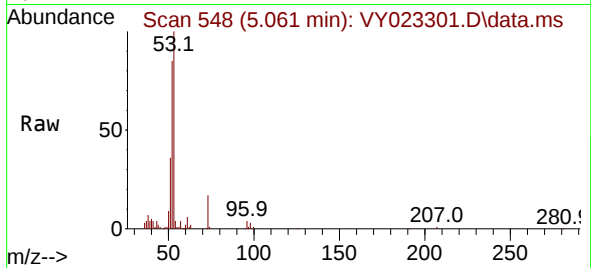




#15
Acrylonitrile
Concen: 155.674 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

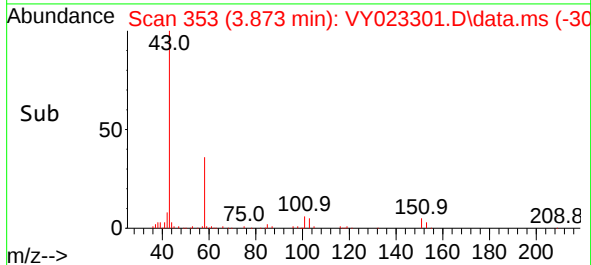
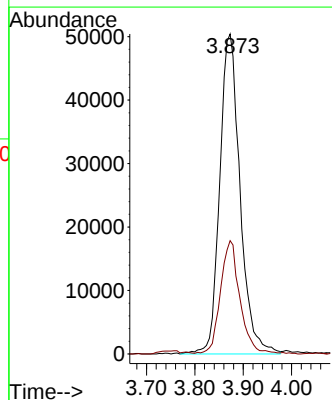
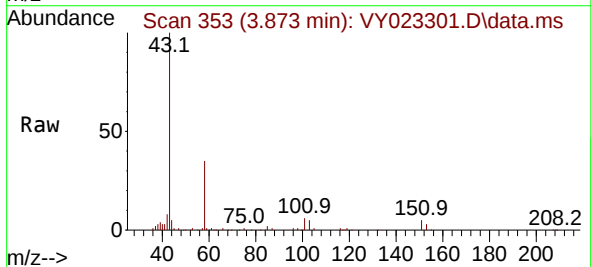
Instrument :
MSVOA_Y
ClientSampleId :

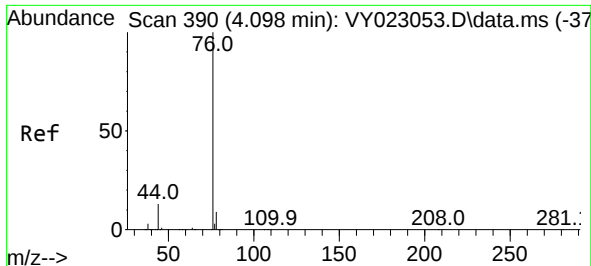
Tgt Ion: 53 Resp: 145180
Ion Ratio Lower Upper
53 100
52 79.6 65.3 97.9
51 36.2 29.5 44.3



#16
Acetone
Concen: 163.357 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 43 Resp: 147168
Ion Ratio Lower Upper
43 100
58 35.1 27.1 40.7

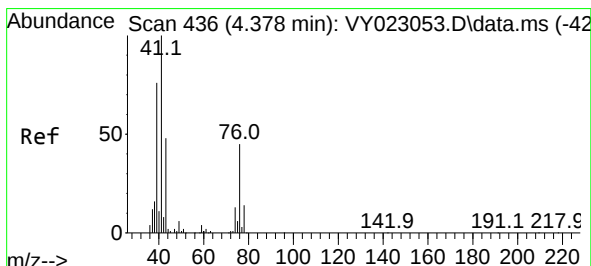
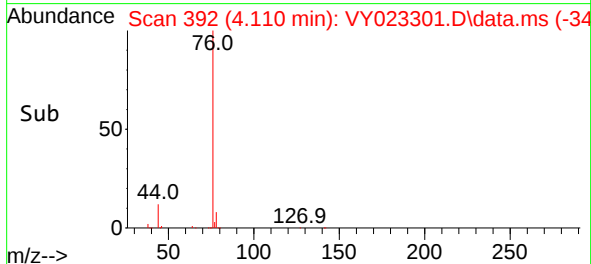
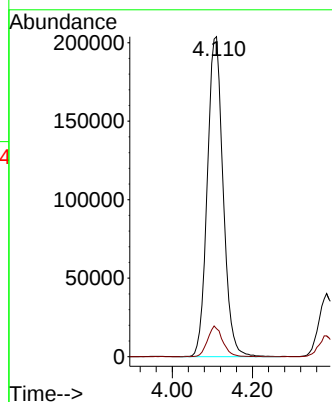
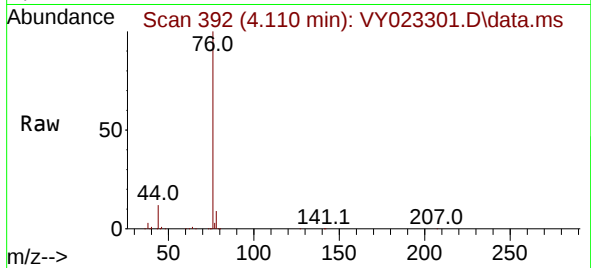




#17
Carbon Disulfide
Concen: 40.743 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

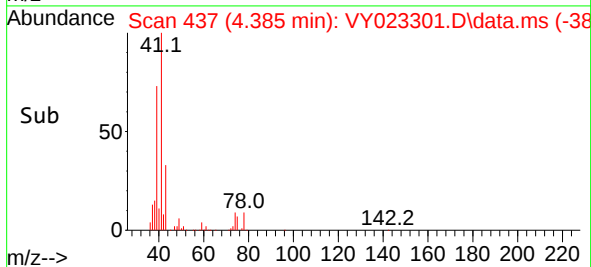
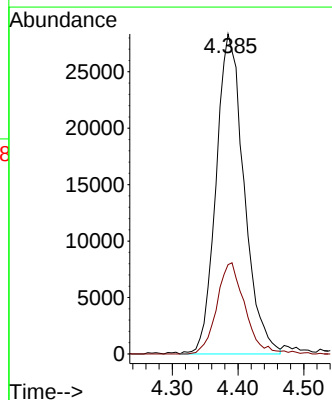
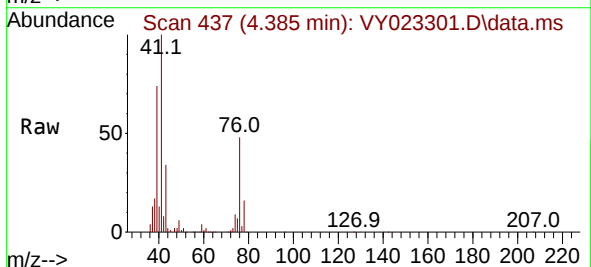
Instrument :
MSVOA_Y
ClientSampleId :

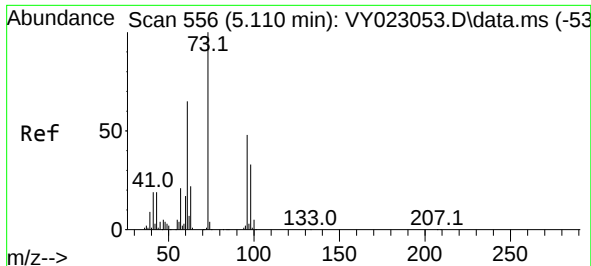
Tgt Ion: 76 Resp: 558561
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 31.307 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 43 Resp: 83932
Ion Ratio Lower Upper
43 100
74 28.8 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 38.812 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

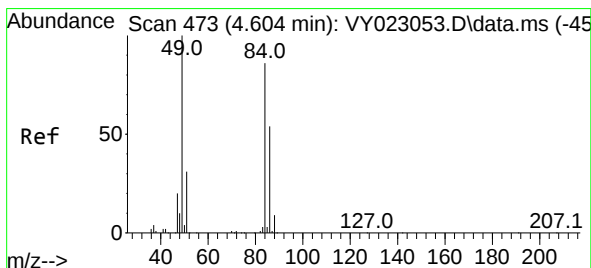
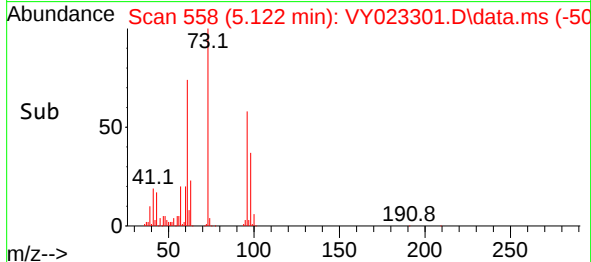
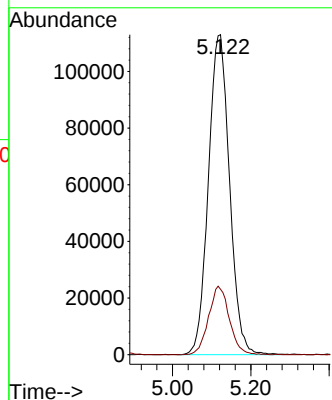
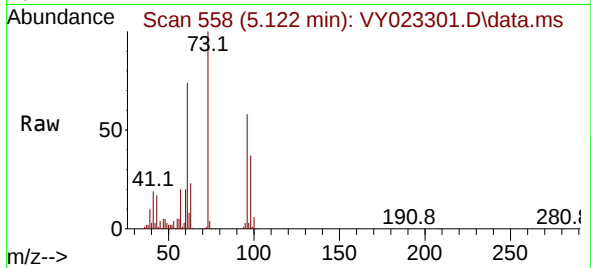
ClientSampleId :

Tgt Ion: 73 Resp: 422864

Ion Ratio Lower Upper

73 100

57 20.4 17.1 25.7



#20

Methylene Chloride

Concen: 49.040 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Tgt Ion: 84 Resp: 229818

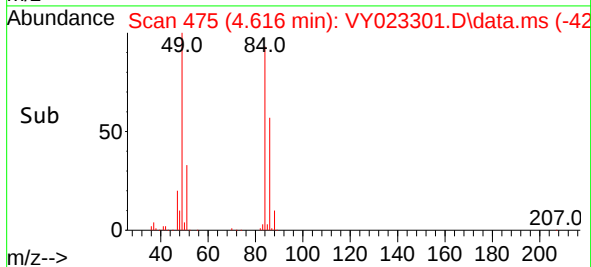
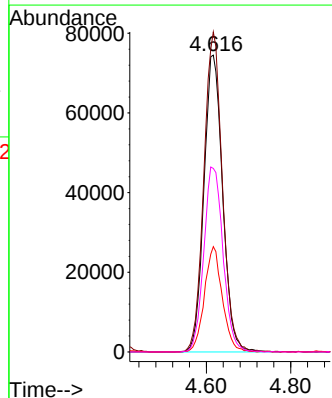
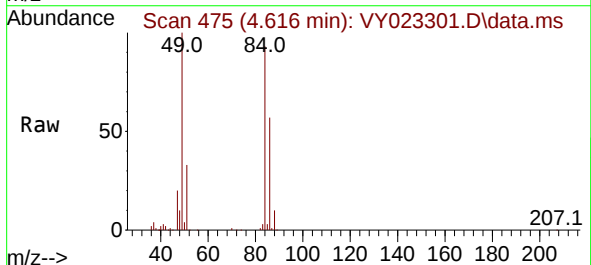
Ion Ratio Lower Upper

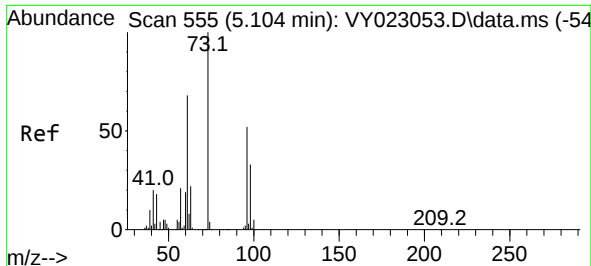
84 100

49 107.8 93.0 139.6

51 35.5 29.0 43.4

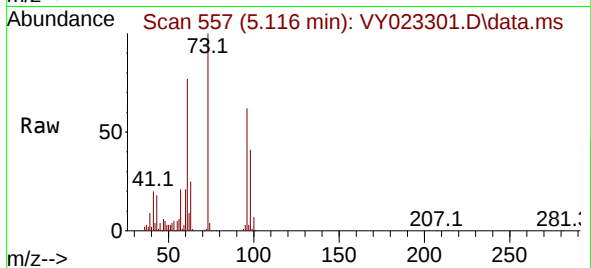
86 61.8 50.2 75.4



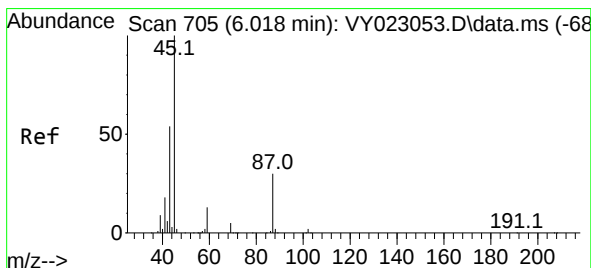
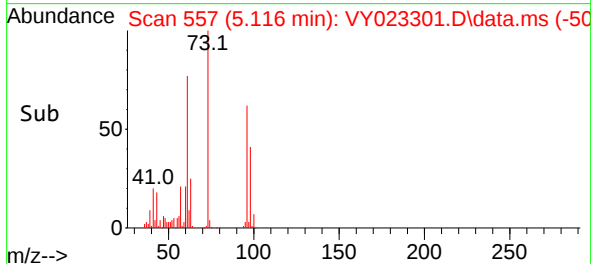
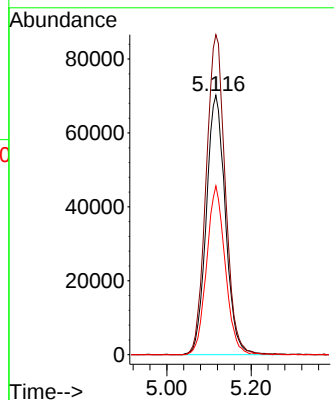


#21
trans-1,2-Dichloroethene
Concen: 46.814 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Instrument :
MSVOA_Y
ClientSampleId :

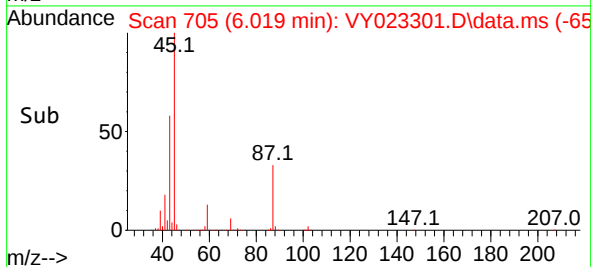
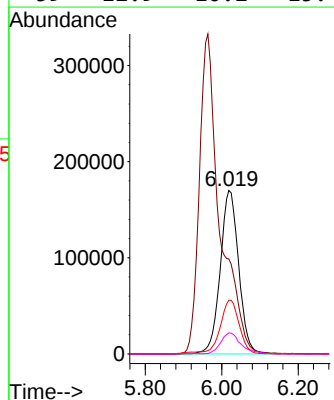
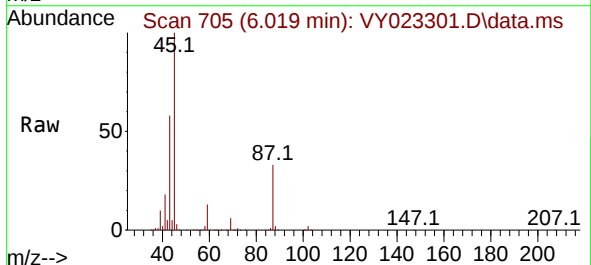


Tgt Ion: 96 Resp: 221196
Ion Ratio Lower Upper
96 100
61 123.4 104.8 157.2
98 65.1 50.1 75.1



#22
Diisopropyl ether
Concen: 42.307 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 45 Resp: 568762
Ion Ratio Lower Upper
45 100
43 58.0 43.4 65.0
87 32.9 24.4 36.6
59 12.9 10.2 15.4

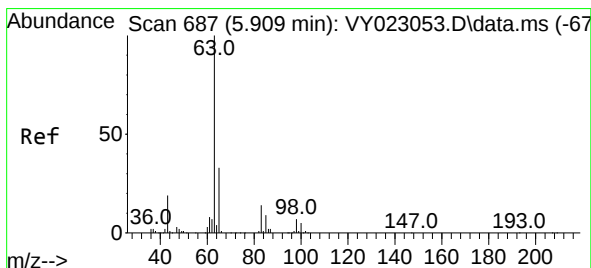
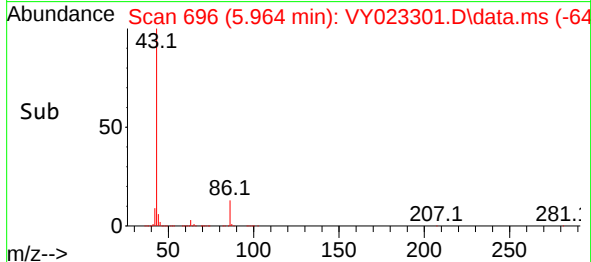
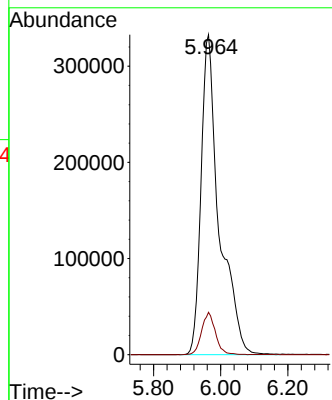
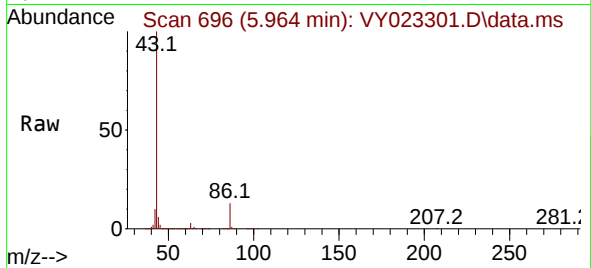




#23
 Vinyl Acetate
 Concen: 167.408 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023301.D
 Acq: 05 Sep 2025 16:11

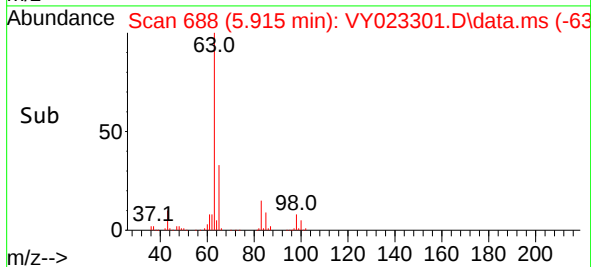
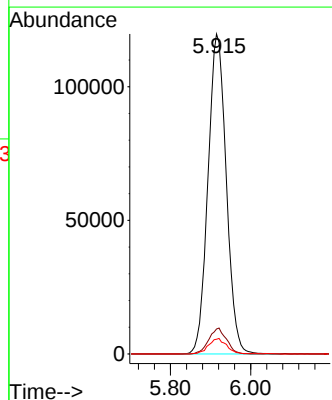
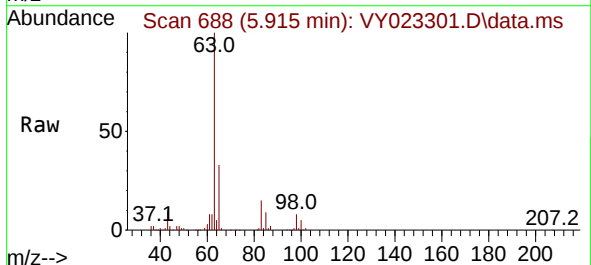
Instrument :
 MSVOA_Y
 ClientSampleId :

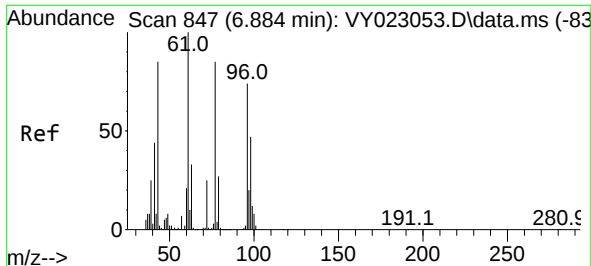
Tgt Ion: 43 Resp: 1244463
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 46.086 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023301.D
 Acq: 05 Sep 2025 16:11

Tgt Ion: 63 Resp: 378795
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.6 2.4 7.1

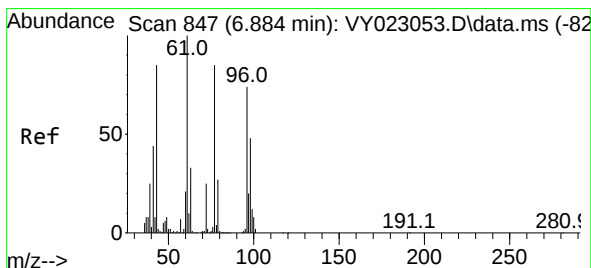
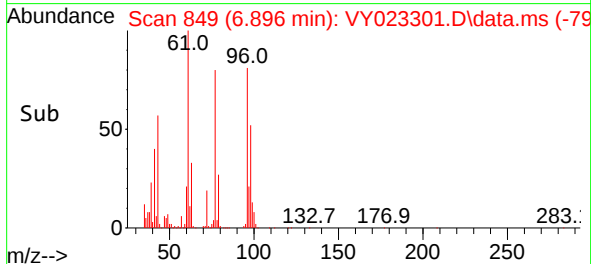
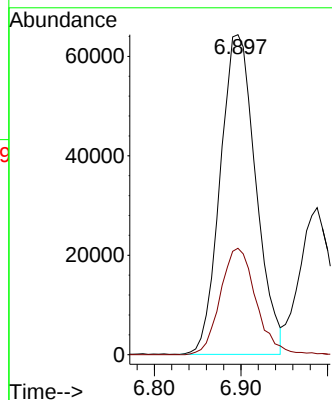
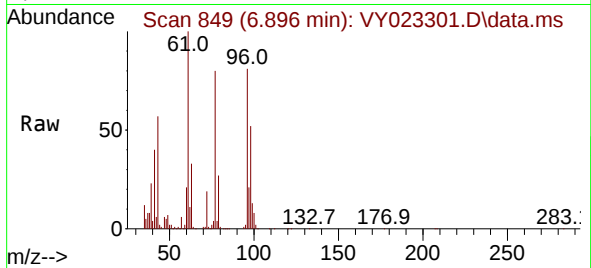




#25
2-Butanone
Concen: 149.802 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

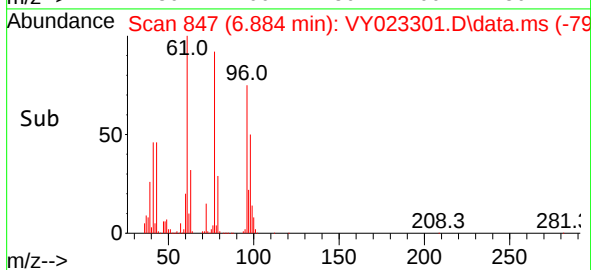
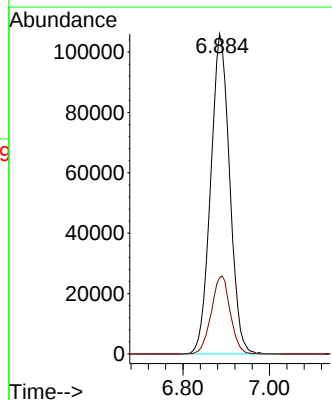
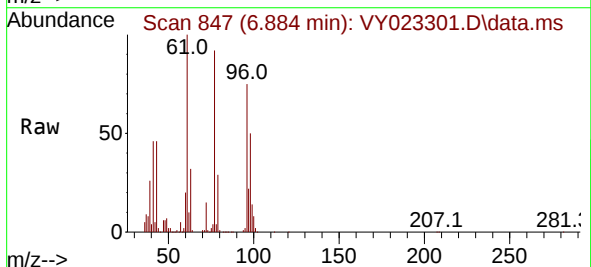
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 183545
Ion Ratio Lower Upper
43 100
72 33.3 23.5 35.3



#26
2,2-Dichloropropane
Concen: 45.486 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 77 Resp: 322600
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.585 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

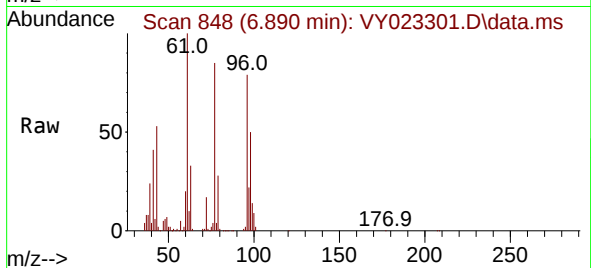
Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :



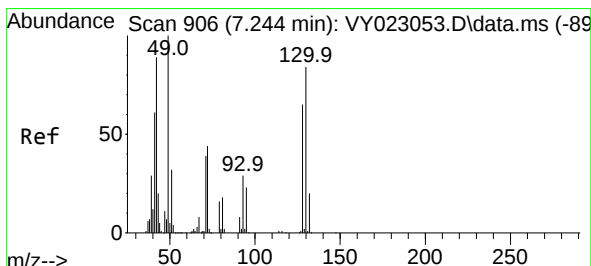
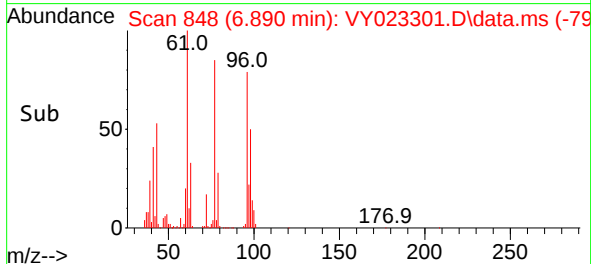
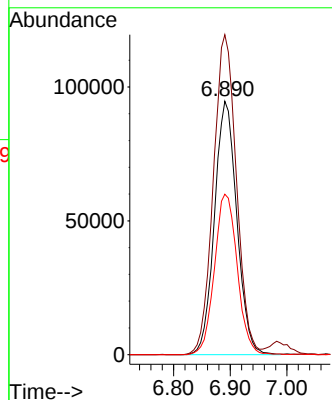
Tgt Ion: 96 Resp: 259927

Ion Ratio Lower Upper

96 100

61 129.7 0.0 278.6

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 40.625 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

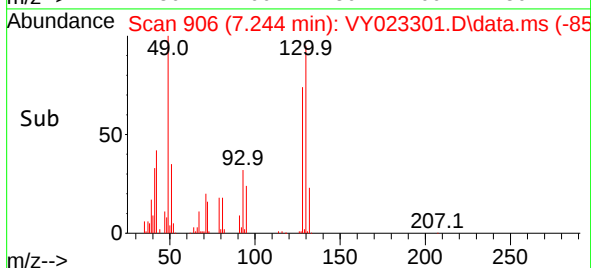
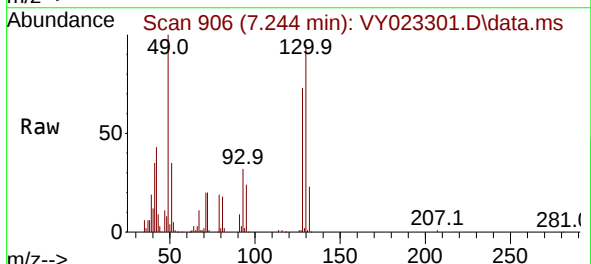
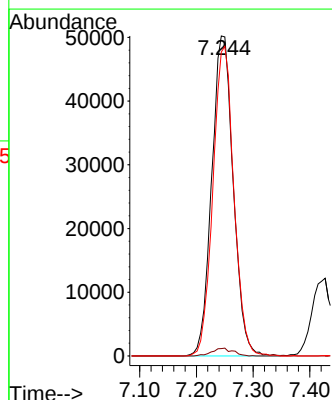
Tgt Ion: 49 Resp: 132475

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 93.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 143.509 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

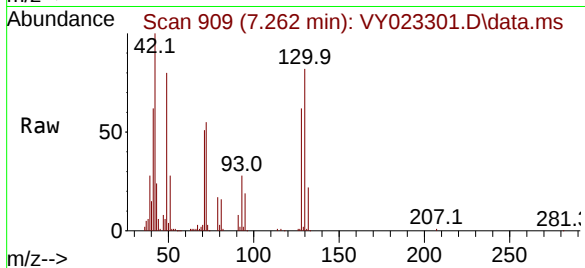
Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :



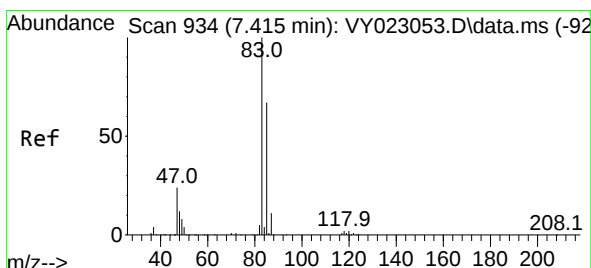
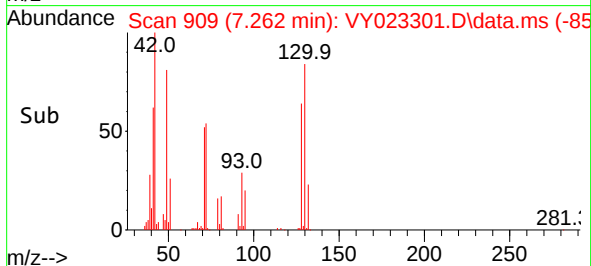
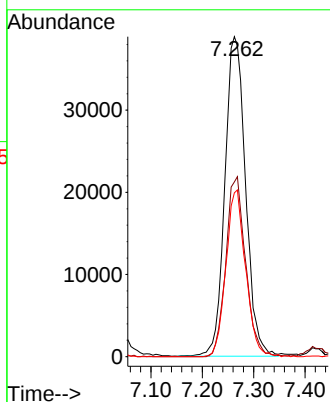
Tgt Ion: 42 Resp: 108993

Ion Ratio Lower Upper

42 100

72 53.7 39.4 59.2

71 49.6 36.5 54.7



#30

Chloroform

Concen: 47.774 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023301.D

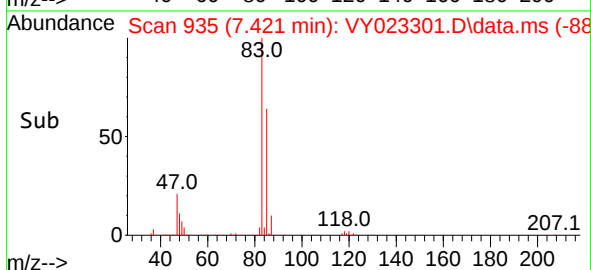
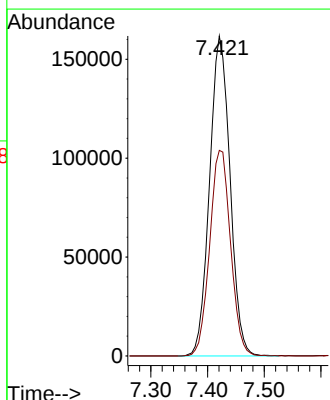
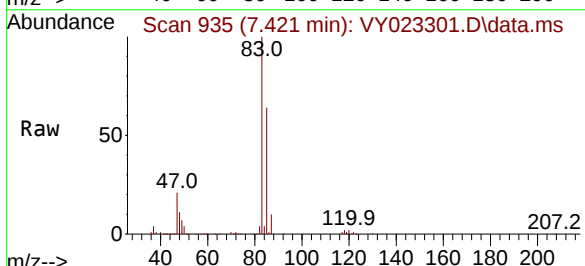
Acq: 05 Sep 2025 16:11

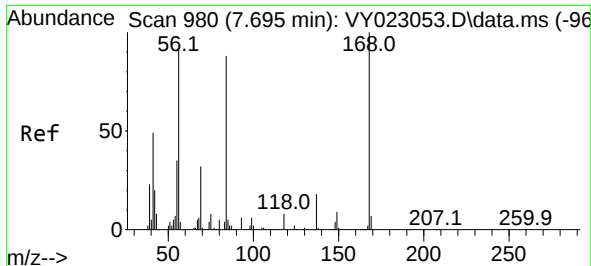
Tgt Ion: 83 Resp: 404977

Ion Ratio Lower Upper

83 100

85 64.3 53.8 80.8

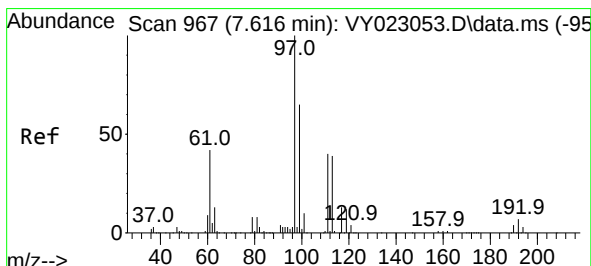
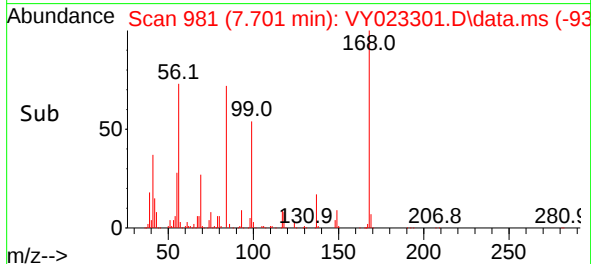
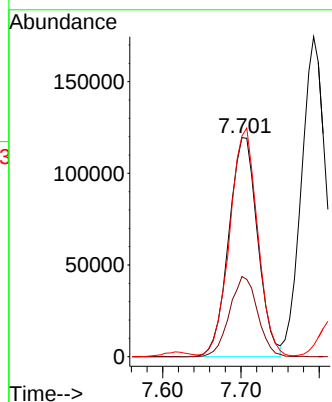
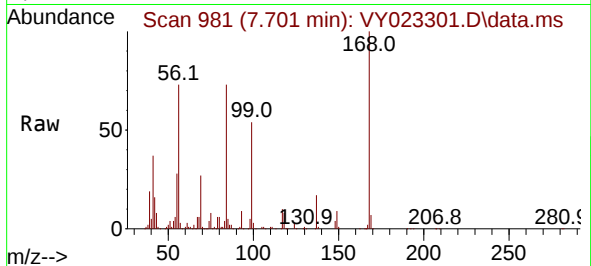




#31
Cyclohexane
Concen: 39.506 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

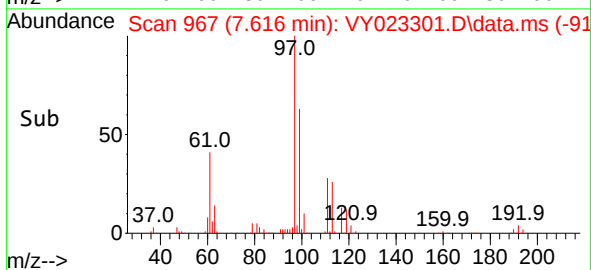
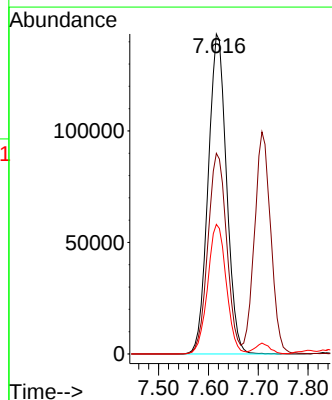
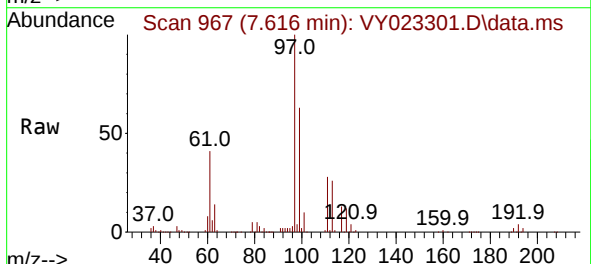
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 305997
Ion Ratio Lower Upper
56 100
69 36.6 28.2 42.2
84 98.7 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.785 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 97 Resp: 366943
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 41.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 39.097 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

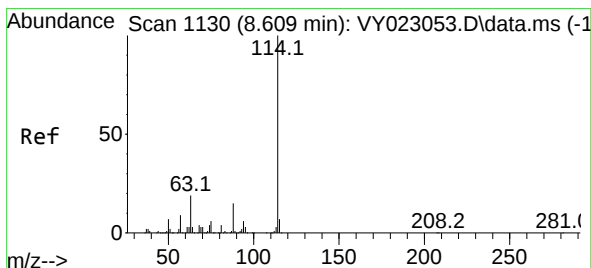
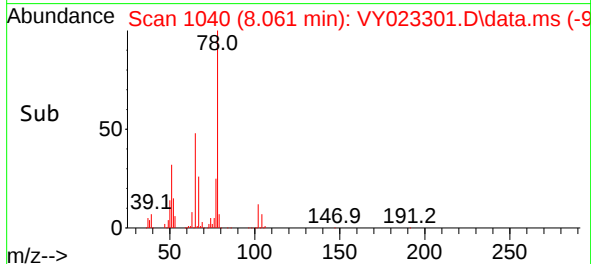
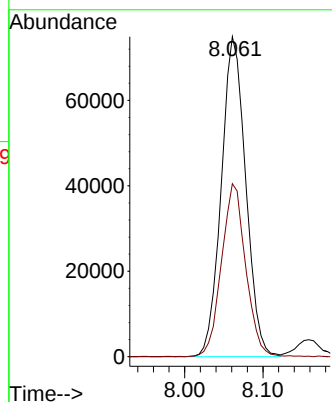
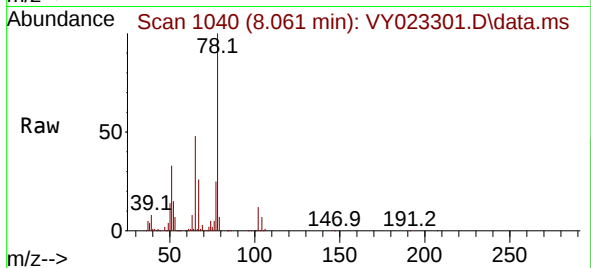
ClientSampleId :

Tgt Ion: 65 Resp: 162580

Ion Ratio Lower Upper

65 100

67 53.5 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: VY023301.D

Acq: 05 Sep 2025 16:11

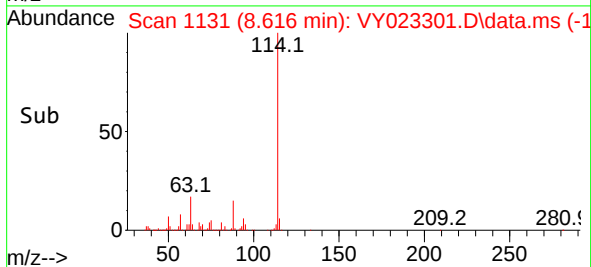
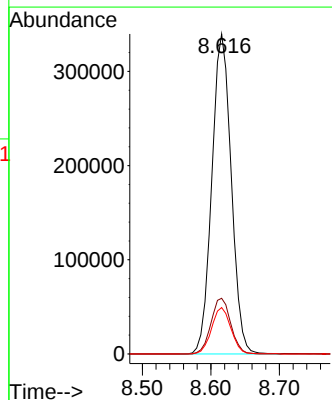
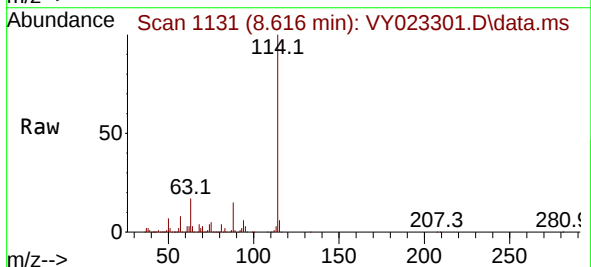
Tgt Ion: 114 Resp: 668284

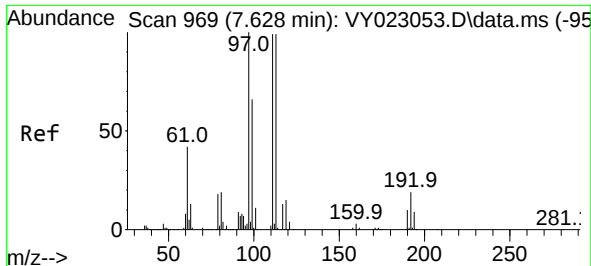
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 14.5 0.0 30.0

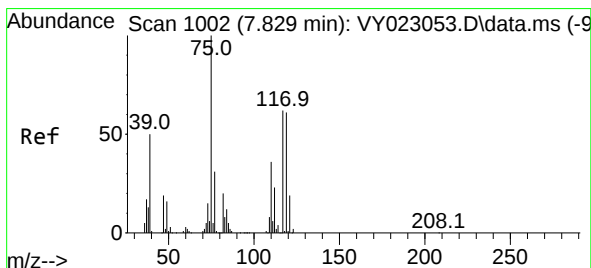
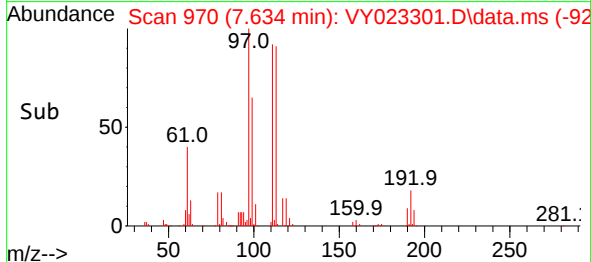
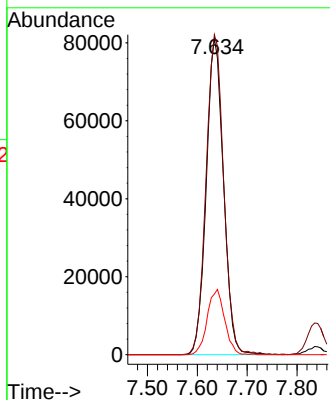
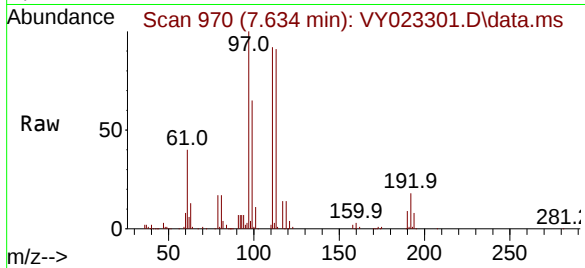




#35
Dibromofluoromethane
Concen: 48.731 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

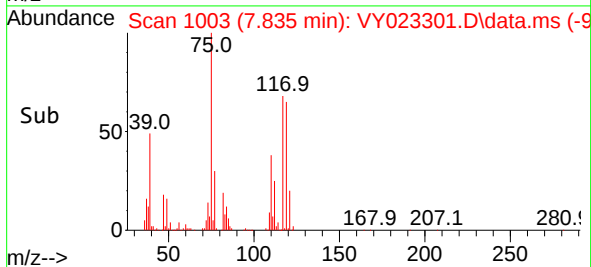
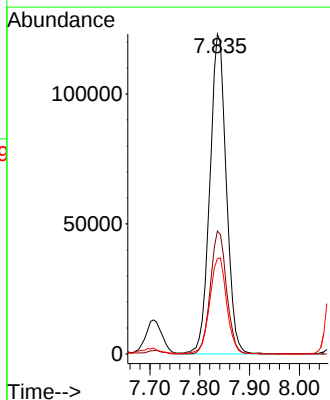
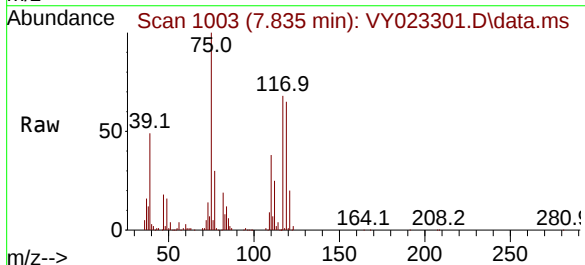
Instrument :
MSVOA_Y
ClientSampleId :

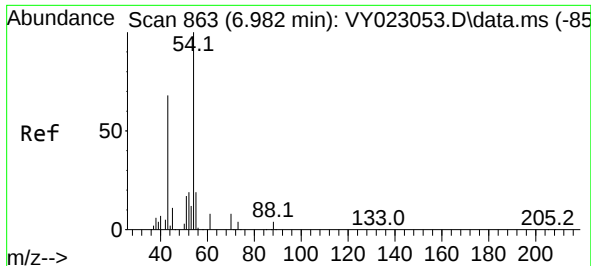
Tgt Ion:113 Resp: 194864
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 20.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 47.413 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 75 Resp: 281766
Ion Ratio Lower Upper
75 100
110 38.0 18.1 54.4
77 31.1 24.6 37.0

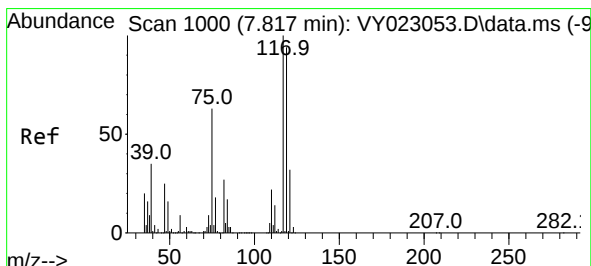
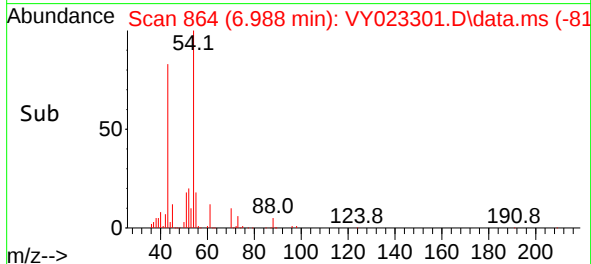
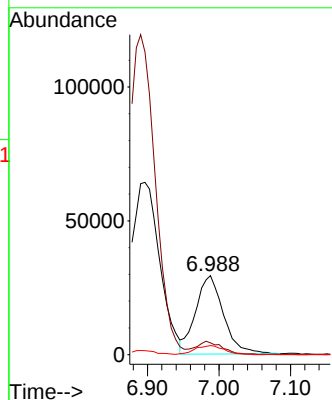
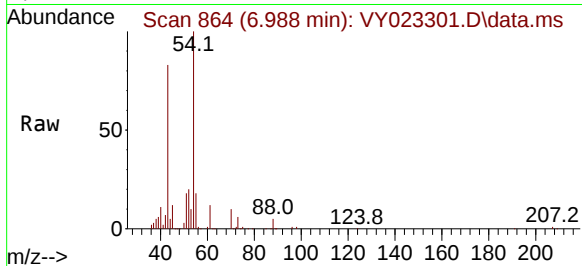




#37
Ethyl Acetate
Concen: 31.671 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

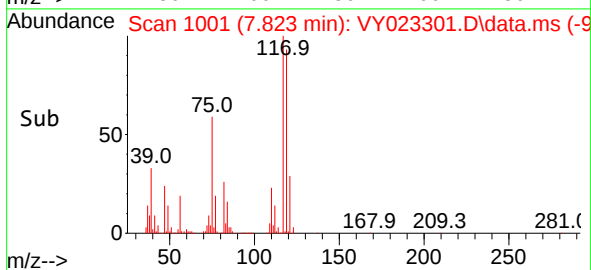
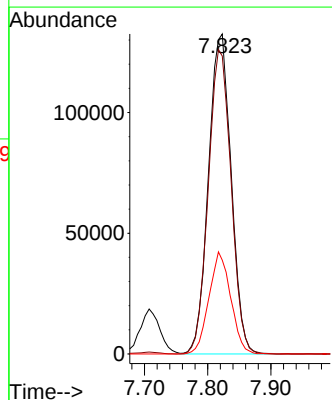
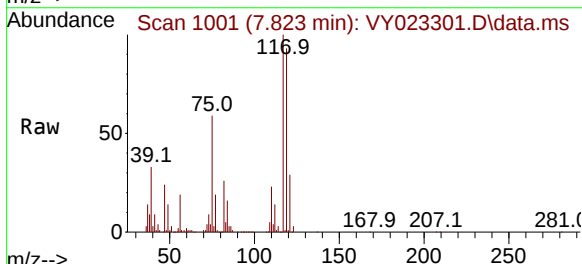
Instrument :
MSVOA_Y
ClientSampleId :

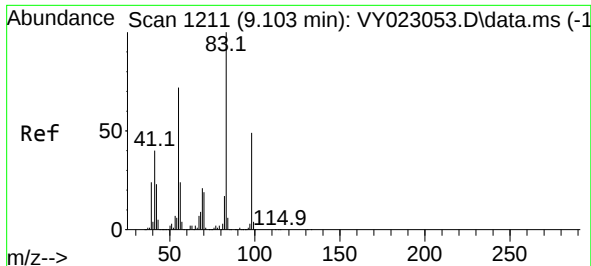
Tgt Ion: 43 Resp: 79064
Ion Ratio Lower Upper
43 100
61 15.1 11.9 17.9
70 12.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.255 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 117 Resp: 330835
Ion Ratio Lower Upper
117 100
119 93.1 75.6 113.4
121 29.3 25.8 38.8





#39

Methylcyclohexane

Concen: 45.513 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

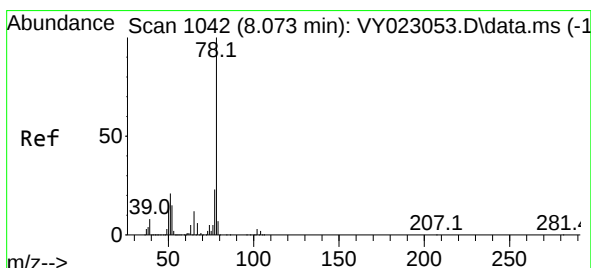
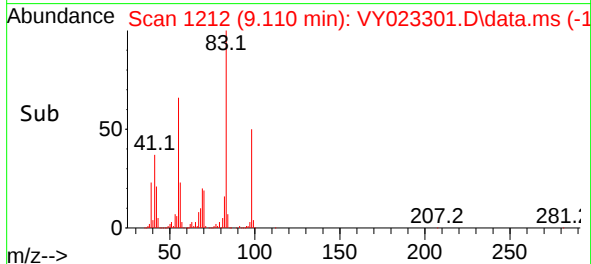
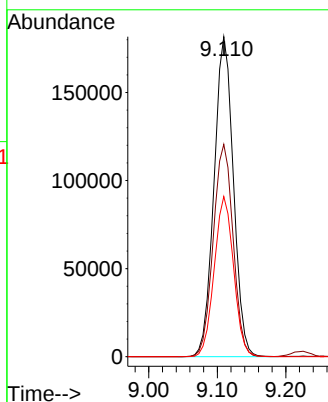
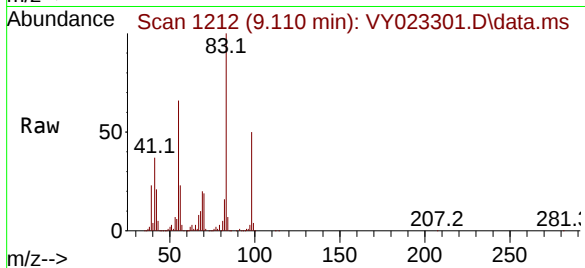
Tgt Ion: 83 Resp: 356176

Ion Ratio Lower Upper

83 100

55 66.4 57.6 86.4

98 50.0 39.2 58.8



#40

Benzene

Concen: 48.738 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023301.D

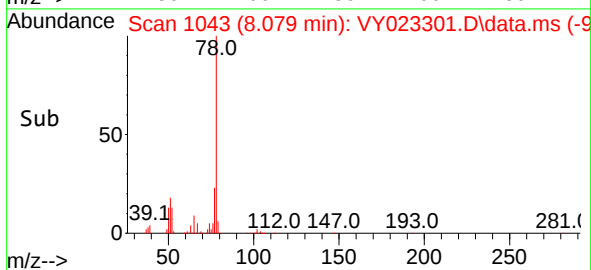
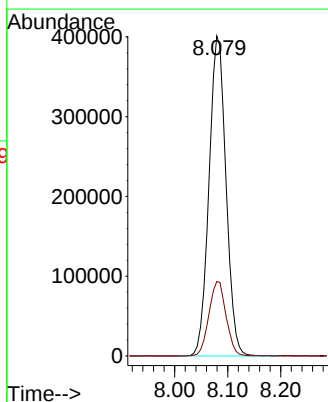
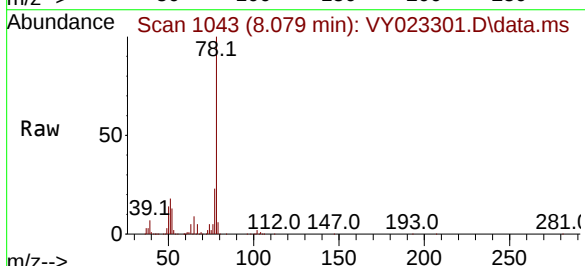
Acq: 05 Sep 2025 16:11

Tgt Ion: 78 Resp: 892710

Ion Ratio Lower Upper

78 100

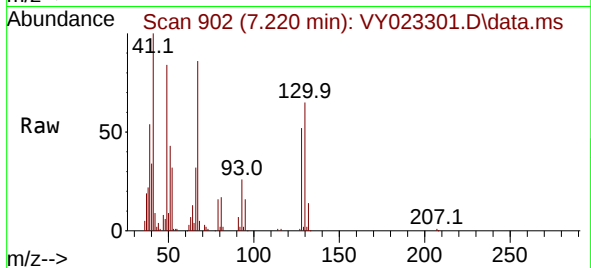
77 23.2 18.6 28.0



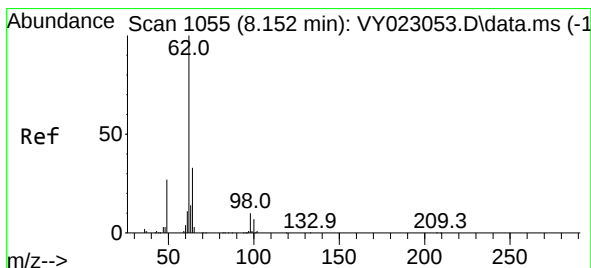
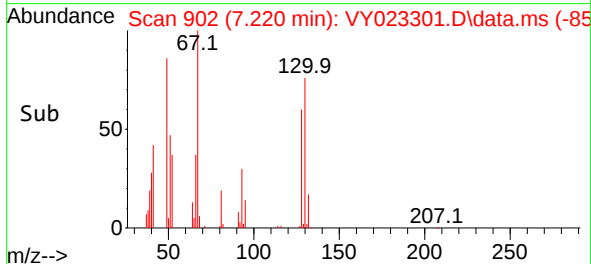
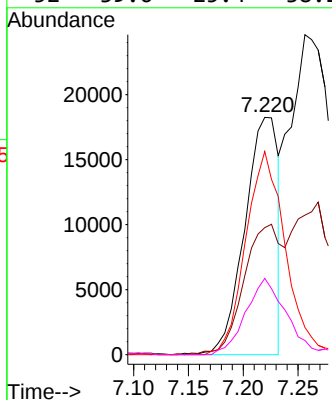


#41
Methacrylonitrile
Concen: 26.899 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Instrument :
MSVOA_Y
ClientSampleId :

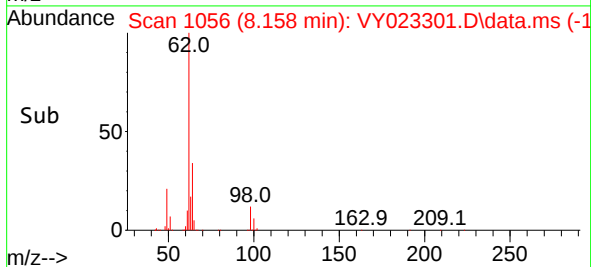
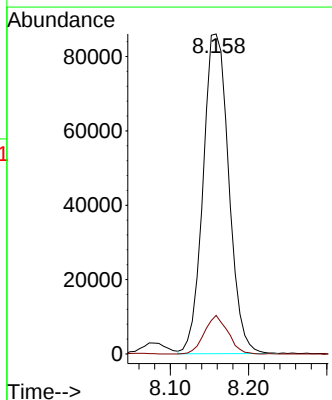
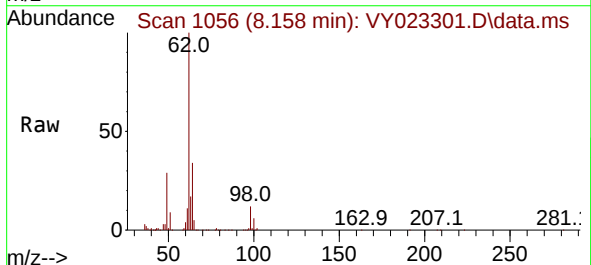


Tgt Ion:	41	Resp:	38754
Ion	Ratio	Lower	Upper
41	100		
39	64.3	43.4	65.2
67	102.5	63.6	95.4#
52	39.6	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 41.159 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion:	62	Resp:	196070
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.6

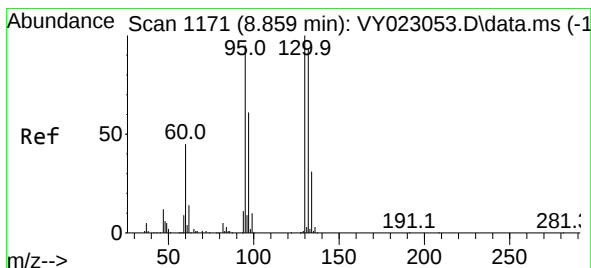
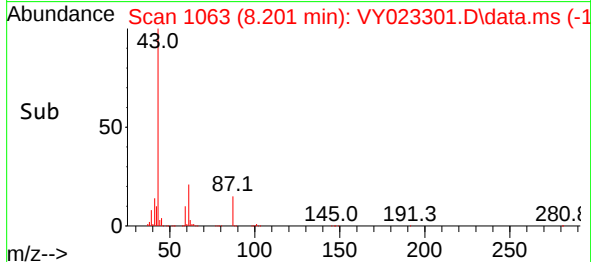
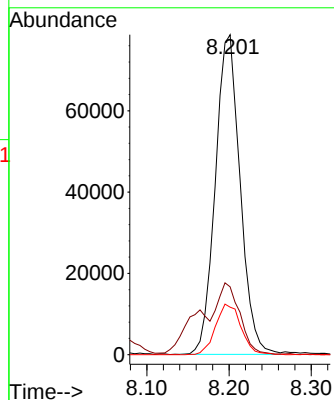
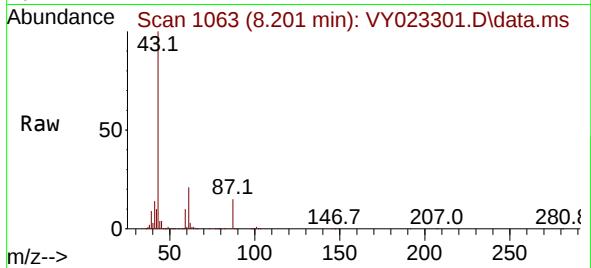




#43
Isopropyl Acetate
Concen: 32.705 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

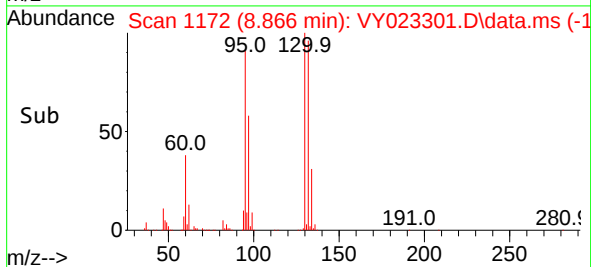
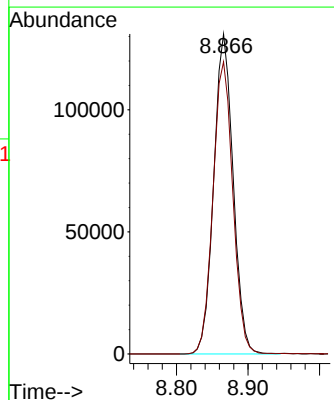
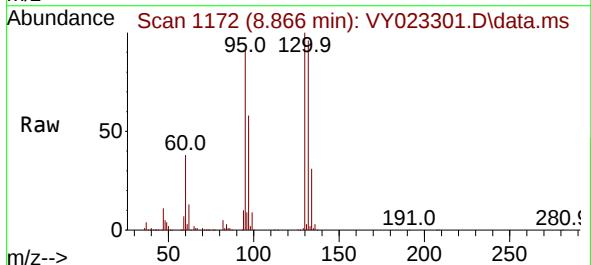
Instrument :
MSVOA_Y
ClientSampleId :

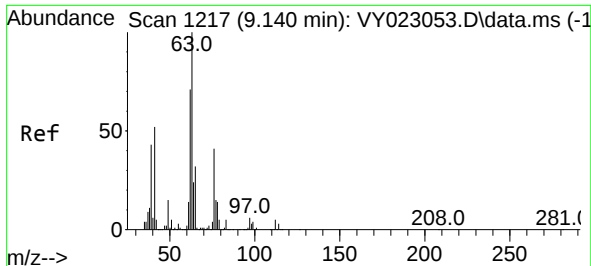
Tgt Ion: 43 Resp: 165019
Ion Ratio Lower Upper
43 100
61 20.7 16.4 24.6
87 16.3 11.8 17.6



#44
Trichloroethene
Concen: 52.289 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion:130 Resp: 247506
Ion Ratio Lower Upper
130 100
95 91.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 46.676 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

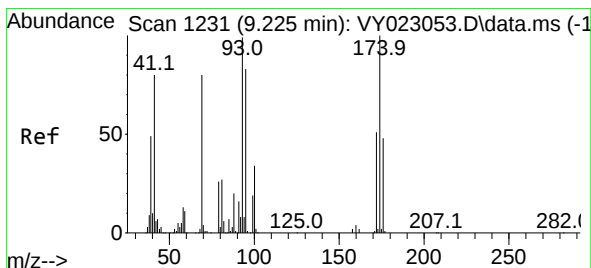
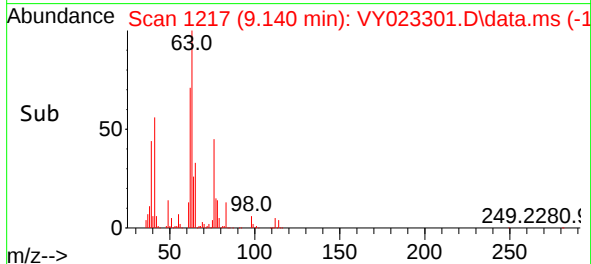
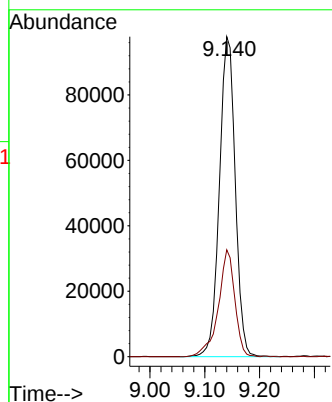
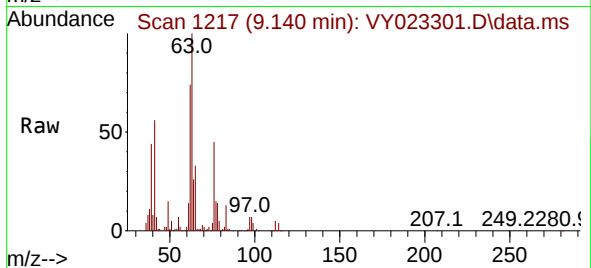
ClientSampleId :

Tgt Ion: 63 Resp: 196712

Ion Ratio Lower Upper

63 100

65 33.4 25.3 37.9



#46

Dibromomethane

Concen: 42.514 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

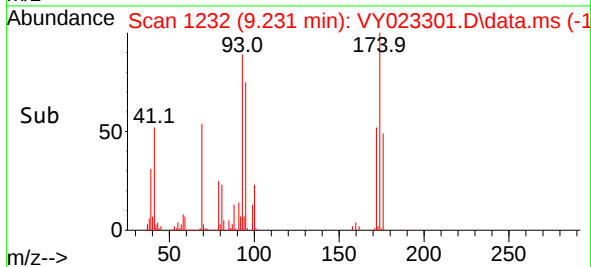
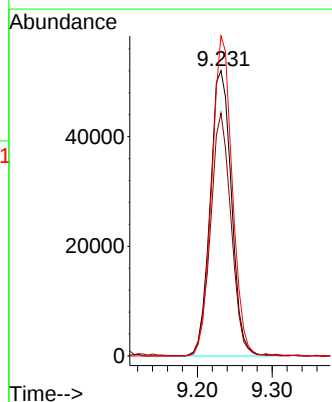
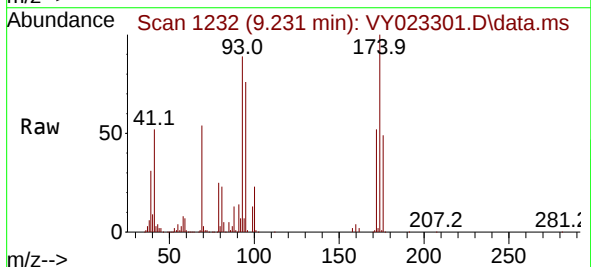
Tgt Ion: 93 Resp: 102839

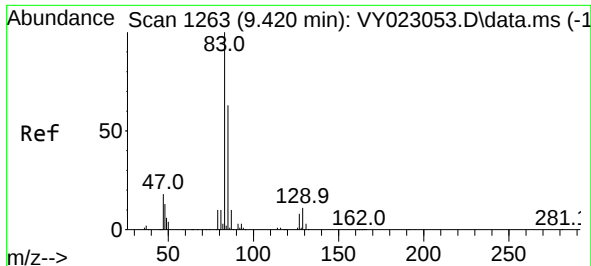
Ion Ratio Lower Upper

93 100

95 82.1 66.5 99.7

174 107.9 81.8 122.8

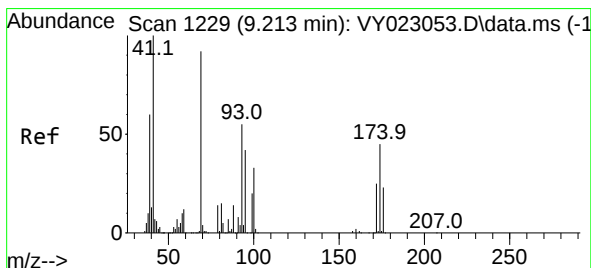
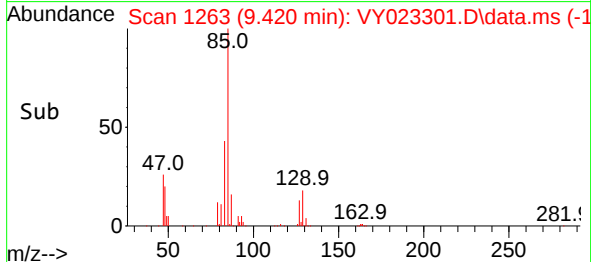
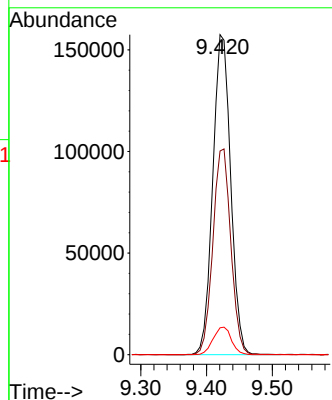
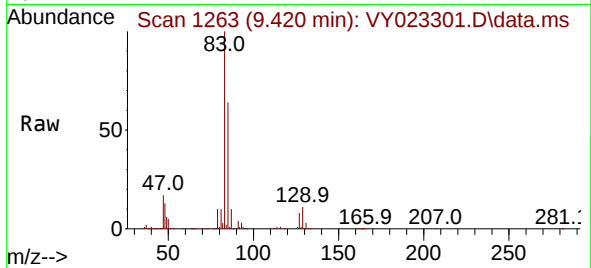




#47
Bromodichloromethane
Concen: 47.905 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

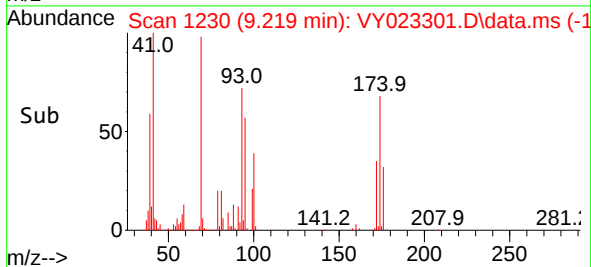
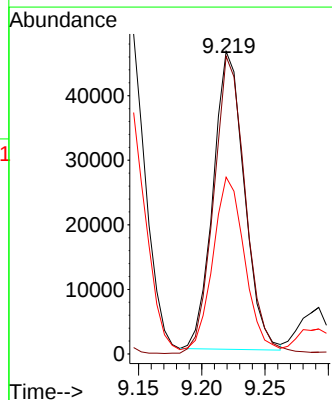
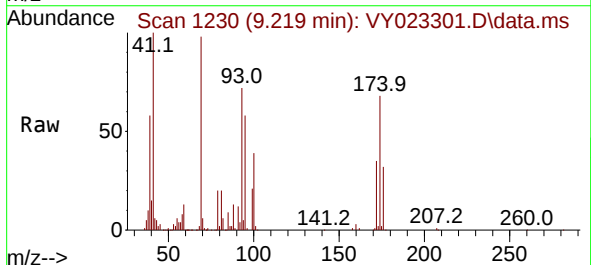
Instrument :
MSVOA_Y
ClientSampleId :

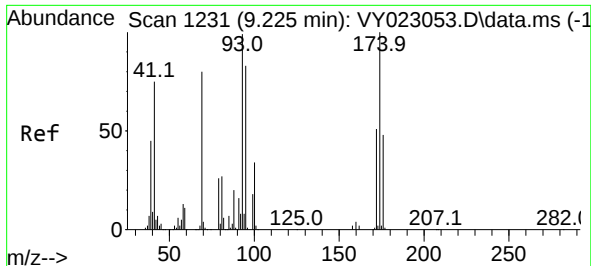
Tgt Ion: 83 Resp: 298175
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 32.800 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 41 Resp: 79194
Ion Ratio Lower Upper
41 100
69 101.3 73.2 109.8
39 58.3 47.0 70.4





#49

1,4-Dioxane

Concen: 630.222 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

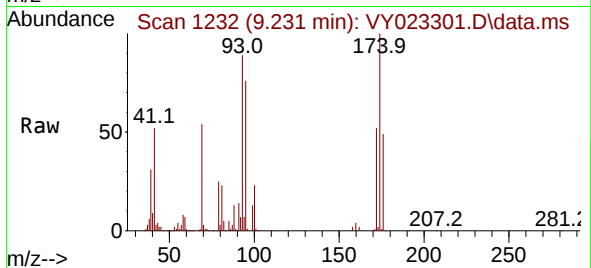
Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :



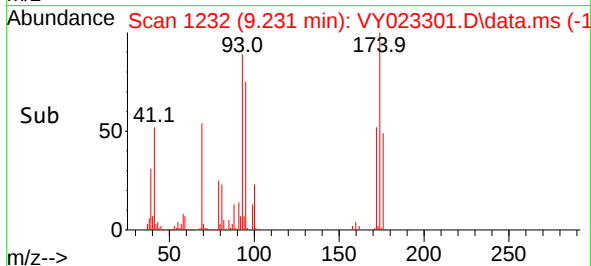
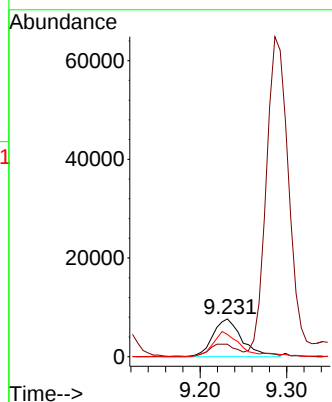
Tgt Ion: 88 Resp: 17875

Ion Ratio Lower Upper

88 100

43 30.0 24.3 36.5

58 57.8 55.4 83.0



#50

Toluene-d8

Concen: 48.984 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023301.D

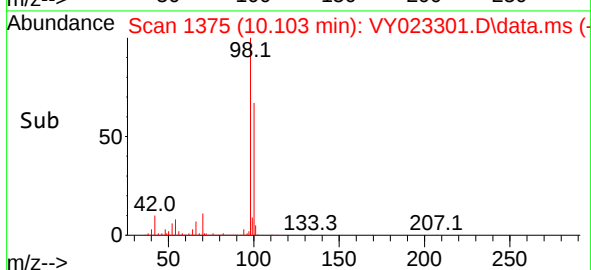
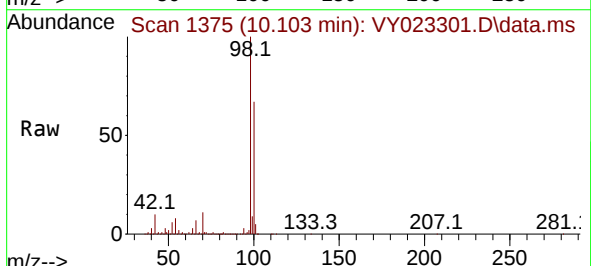
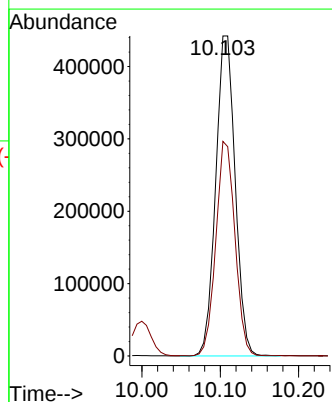
Acq: 05 Sep 2025 16:11

Tgt Ion: 98 Resp: 765212

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 163.385 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

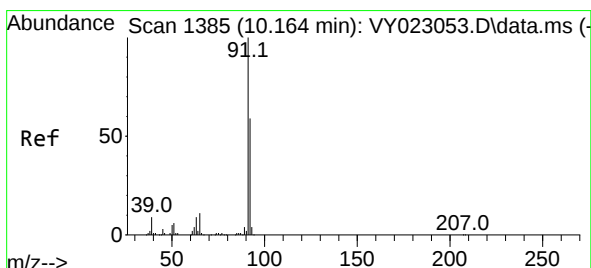
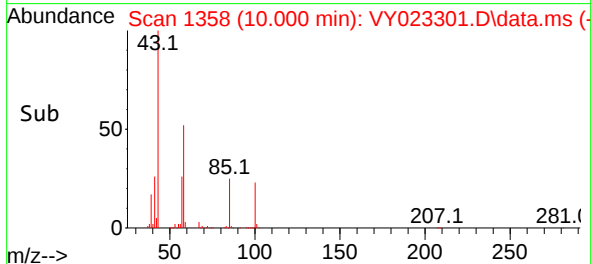
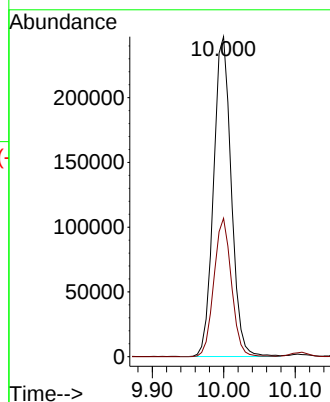
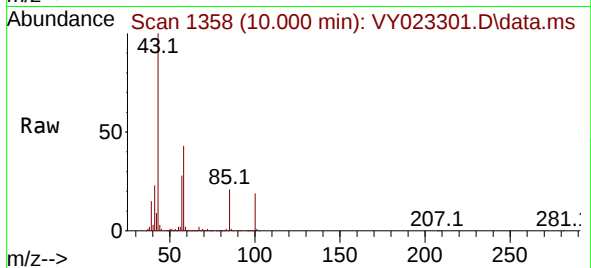
ClientSampleId :

Tgt Ion: 43 Resp: 425236

Ion Ratio Lower Upper

43 100

58 42.9 33.5 50.3



#52

Toluene

Concen: 50.023 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023301.D

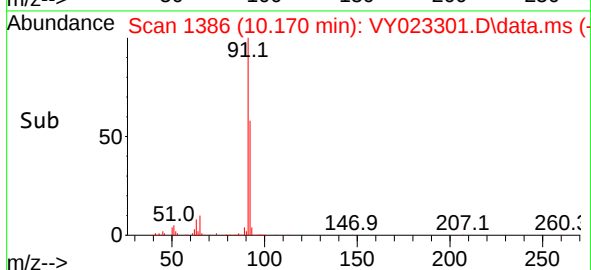
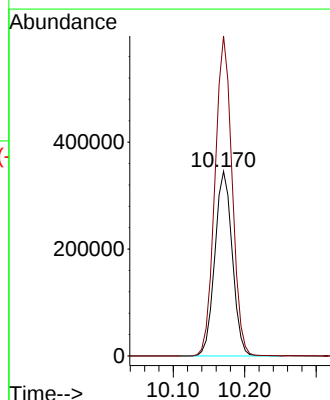
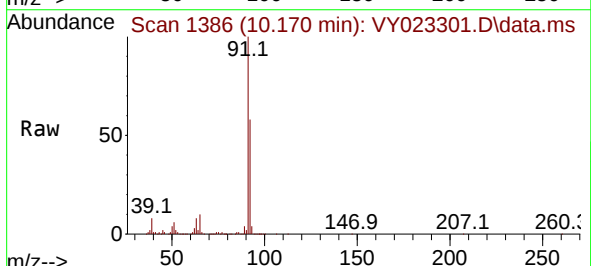
Acq: 05 Sep 2025 16:11

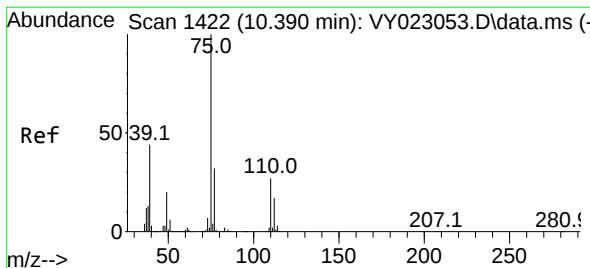
Tgt Ion: 92 Resp: 581930

Ion Ratio Lower Upper

92 100

91 171.4 136.4 204.6

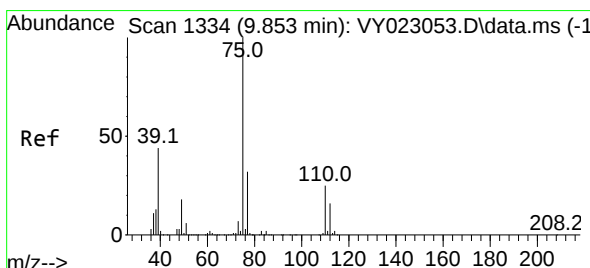
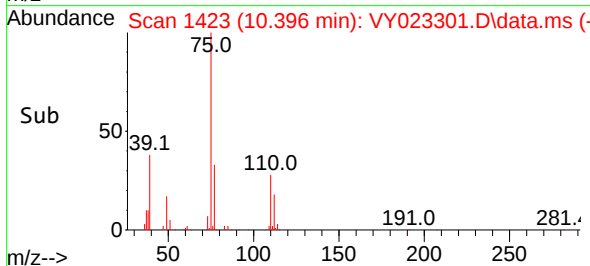
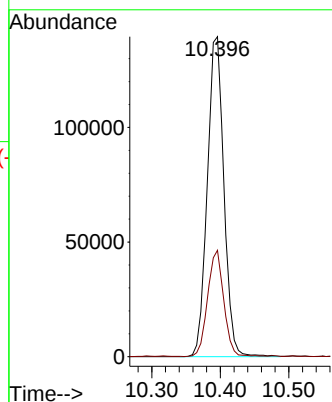
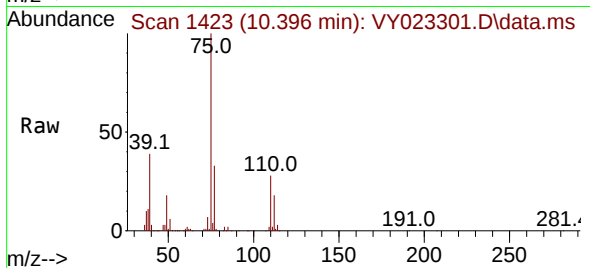




#53
 t-1,3-Dichloropropene
 Concen: 41.732 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023301.D
 Acq: 05 Sep 2025 16:11

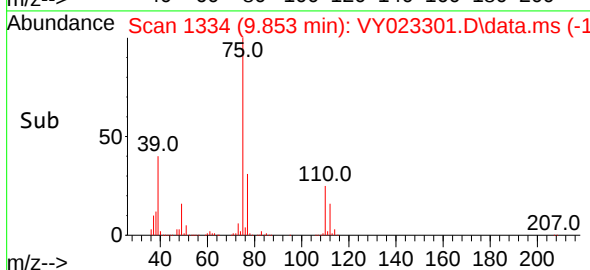
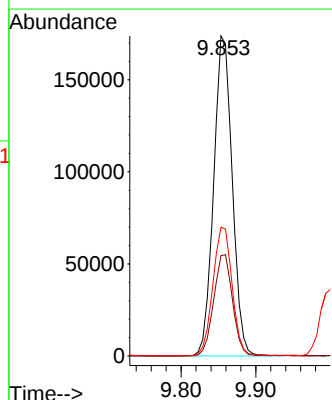
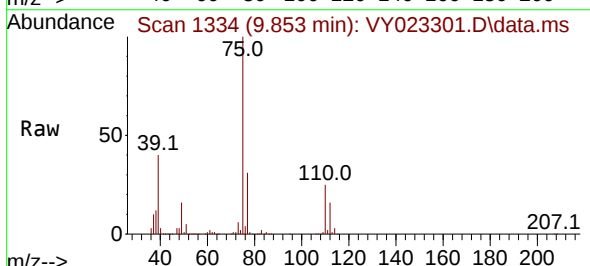
Instrument :
 MSVOA_Y
 ClientSampleId :

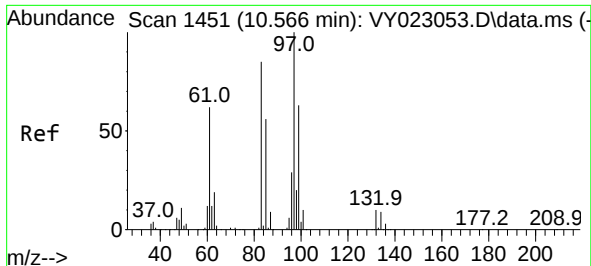
Tgt Ion: 75 Resp: 235216
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 45.117 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023301.D
 Acq: 05 Sep 2025 16:11

Tgt Ion: 75 Resp: 300706
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 40.2 35.6 53.4

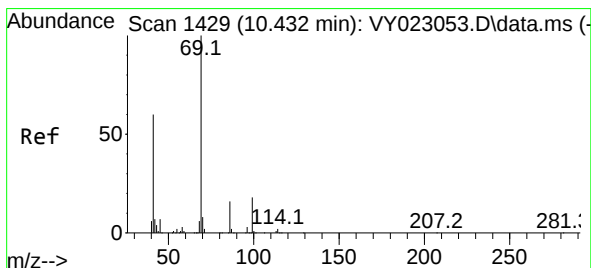
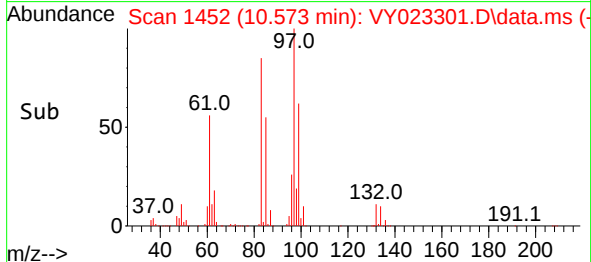
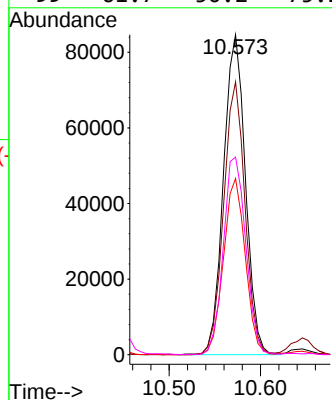
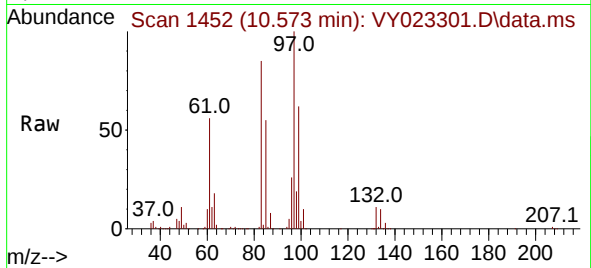




#55
1,1,2-Trichloroethane
Concen: 43.617 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

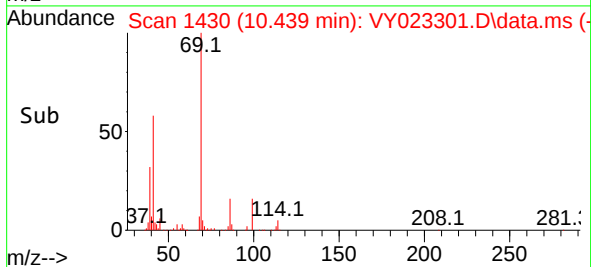
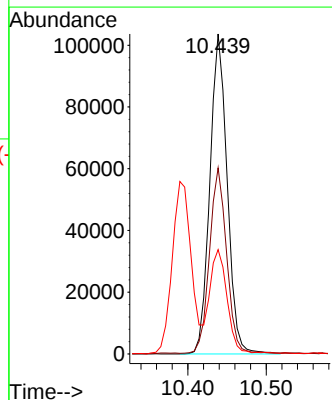
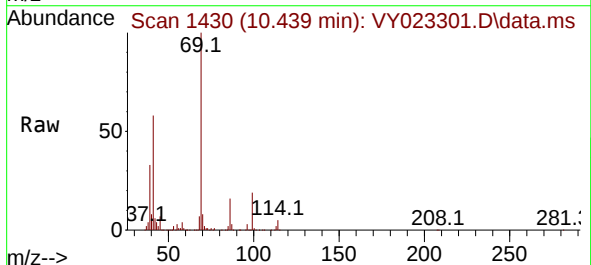
Instrument :
MSVOA_Y
ClientSampleId :

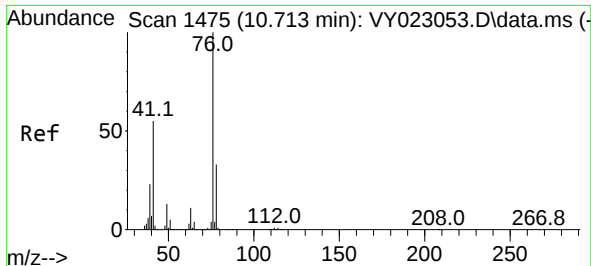
Tgt Ion: 97 Resp: 141180
Ion Ratio Lower Upper
97 100
83 85.2 67.7 101.5
85 55.1 44.5 66.7
99 61.7 50.2 75.2



#56
Ethyl methacrylate
Concen: 38.438 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 69 Resp: 159204
Ion Ratio Lower Upper
69 100
41 57.1 48.6 72.8
39 32.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 41.888 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

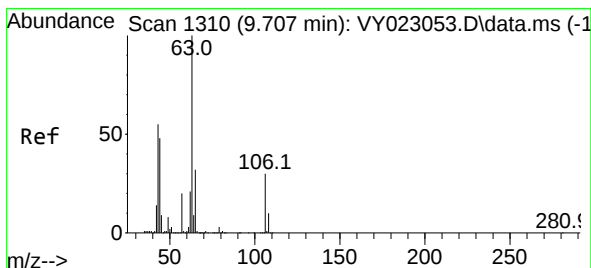
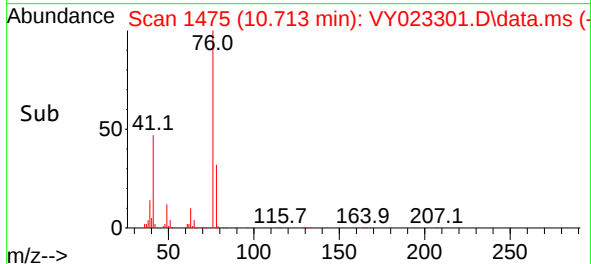
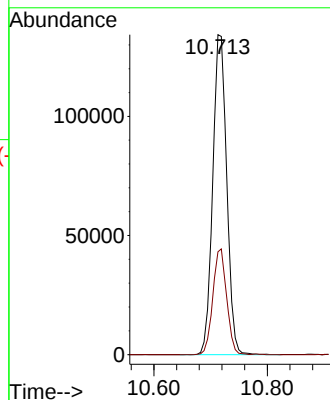
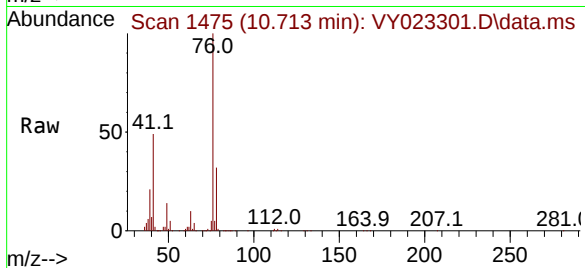
ClientSampleId :

Tgt Ion: 76 Resp: 229939

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 184.301 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023301.D

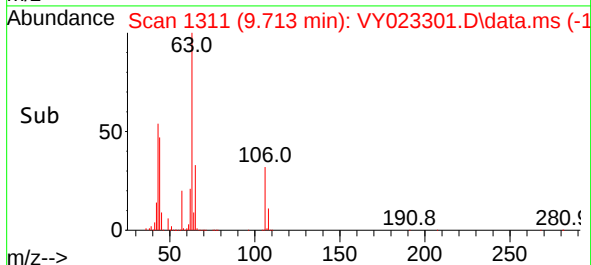
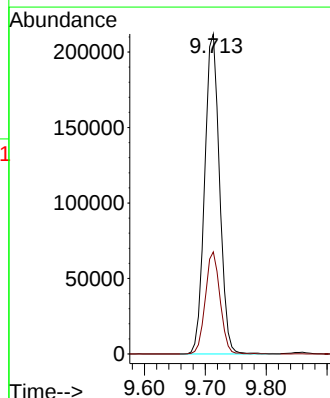
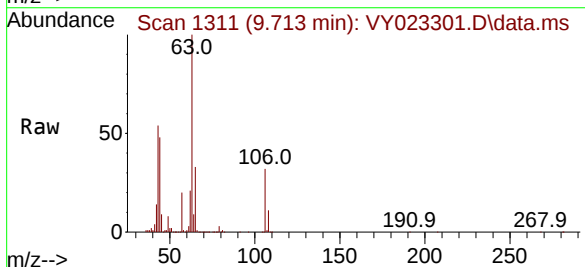
Acq: 05 Sep 2025 16:11

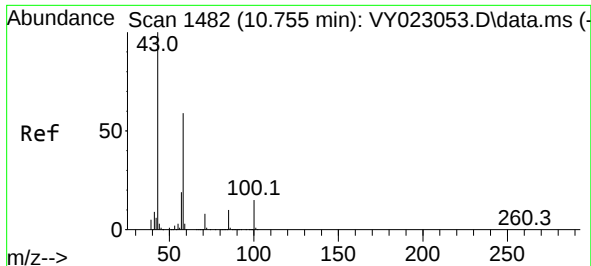
Tgt Ion: 63 Resp: 360068

Ion Ratio Lower Upper

63 100

106 31.6 23.2 34.8

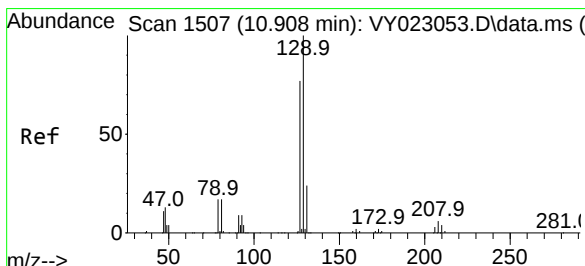
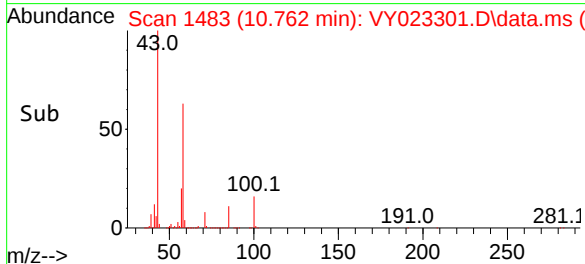
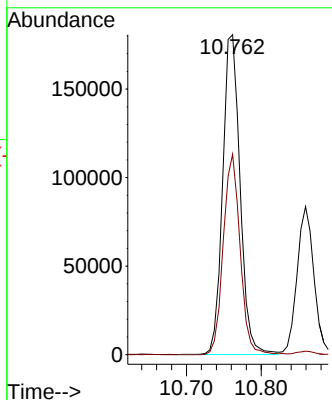
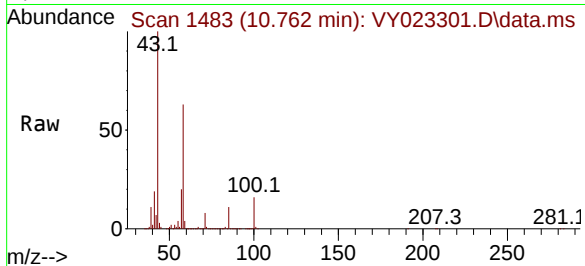




#59
2-Hexanone
Concen: 165.190 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

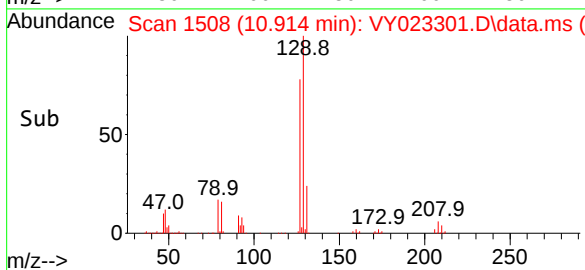
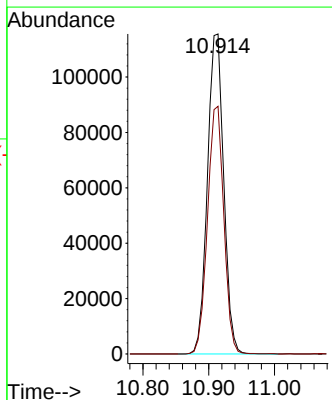
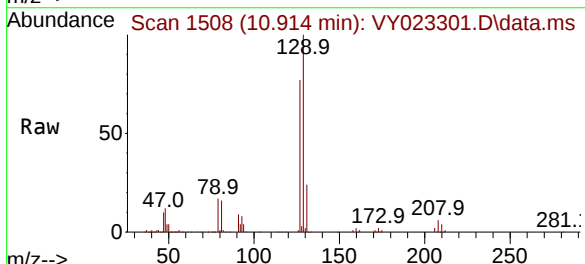
Instrument :
MSVOA_Y
ClientSampleId :

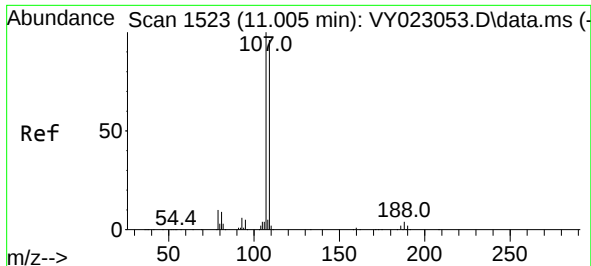
Tgt Ion: 43 Resp: 292756
Ion Ratio Lower Upper
43 100
58 60.5 29.5 88.5



#60
Dibromochloromethane
Concen: 46.663 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 129 Resp: 199296
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

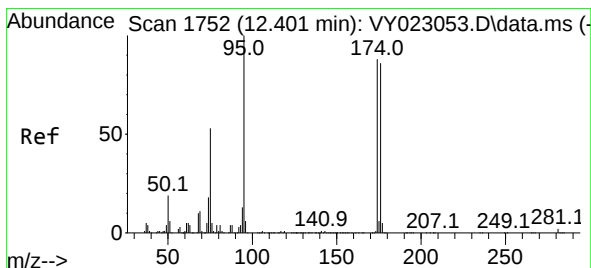
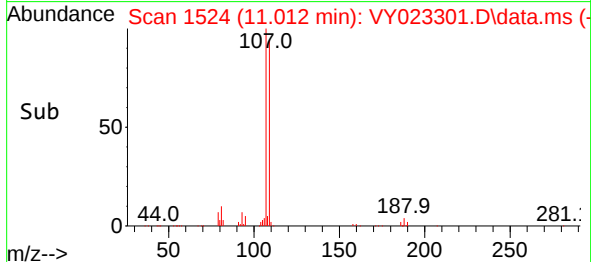
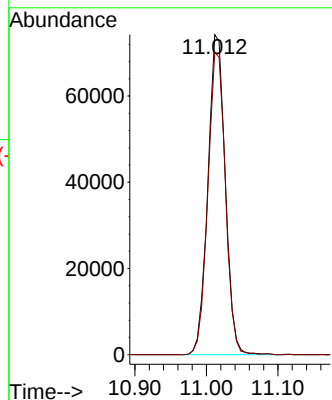
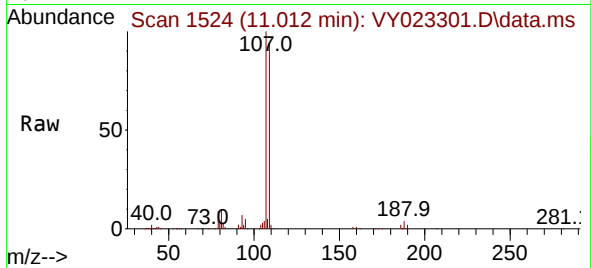




#61
1,2-Dibromoethane
Concen: 41.229 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

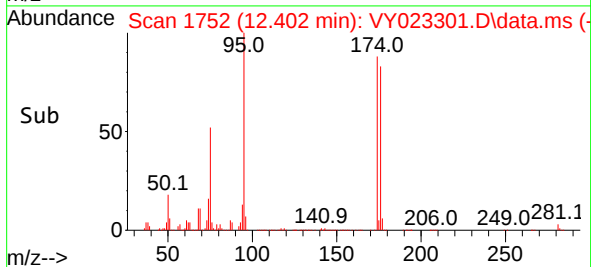
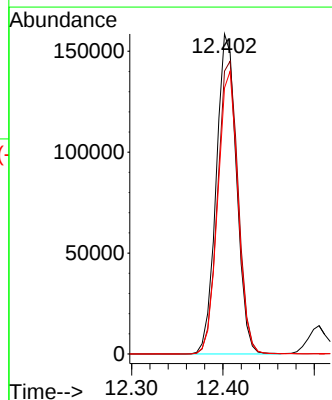
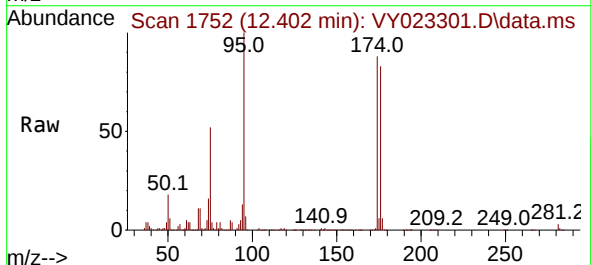
Instrument :
MSVOA_Y
ClientSampleId :

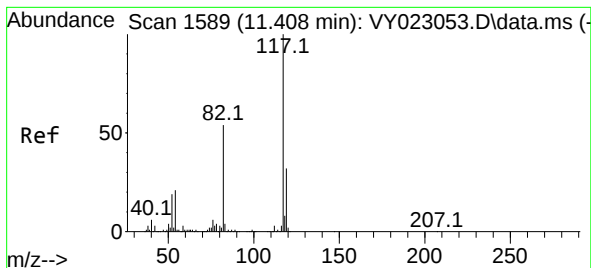
Tgt Ion:107 Resp: 125430
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.750 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 95 Resp: 244917
Ion Ratio Lower Upper
95 100
174 92.8 0.0 171.6
176 88.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

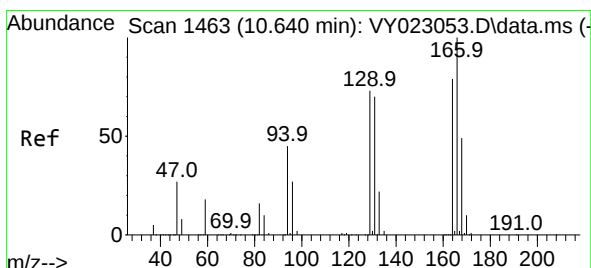
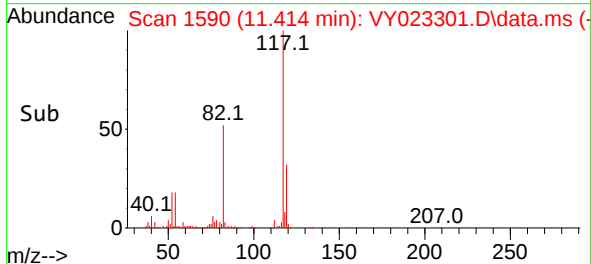
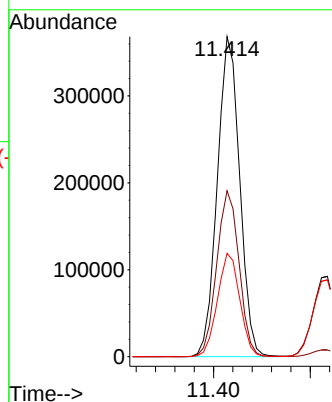
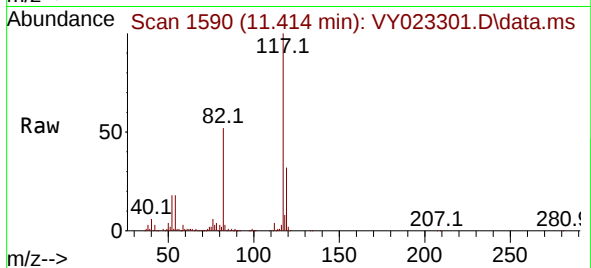
Tgt Ion:117 Resp: 591213

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 58.943 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Tgt Ion:164 Resp: 311167

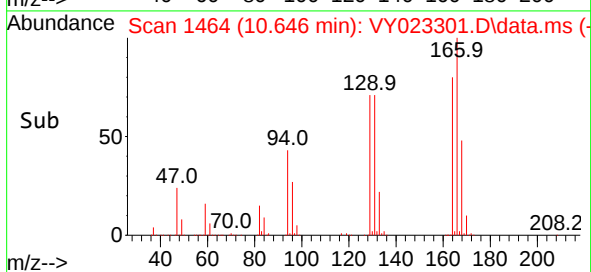
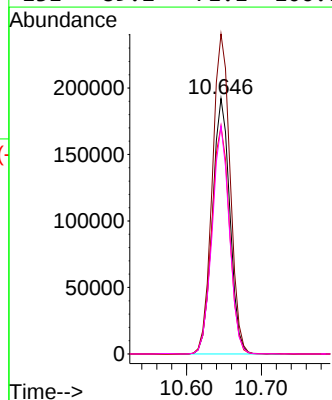
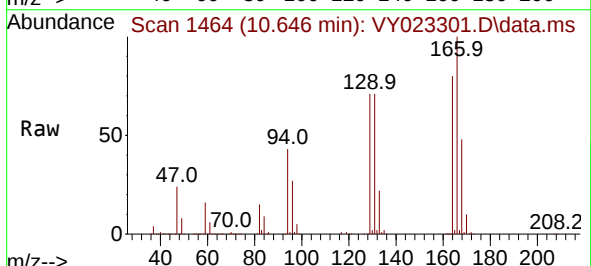
Ion Ratio Lower Upper

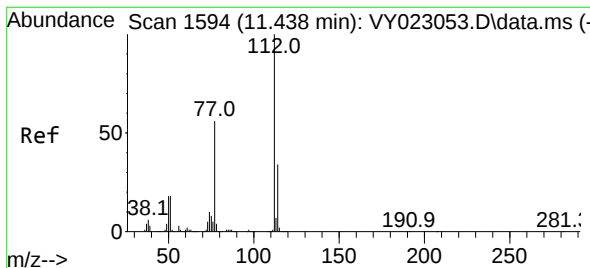
164 100

166 125.2 101.1 151.7

129 89.3 74.0 111.0

131 89.2 71.1 106.7





#65

Chlorobenzene

Concen: 50.168 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

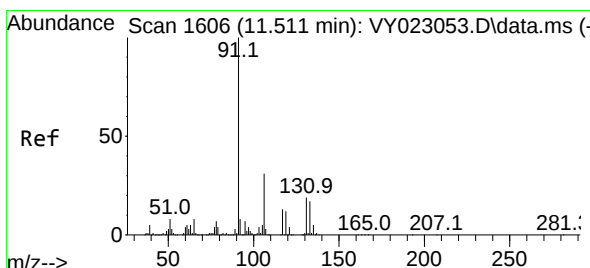
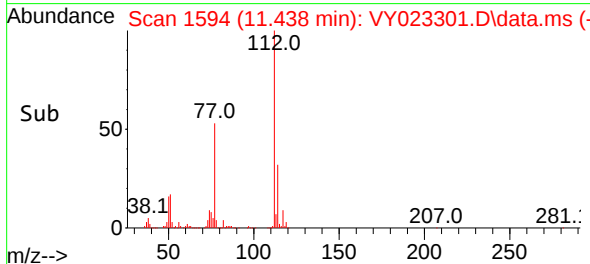
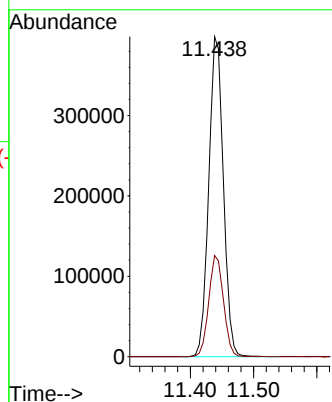
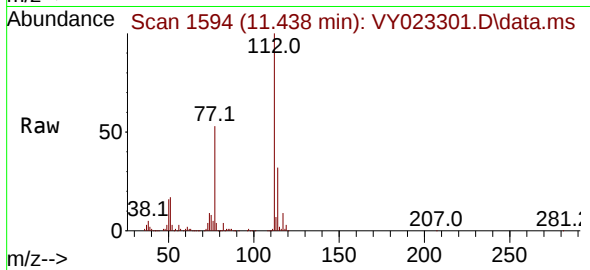
ClientSampleId :

Tgt Ion:112 Resp: 639771

Ion Ratio Lower Upper

112 100

114 31.6 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.367 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

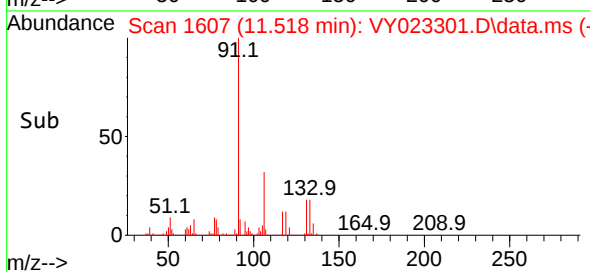
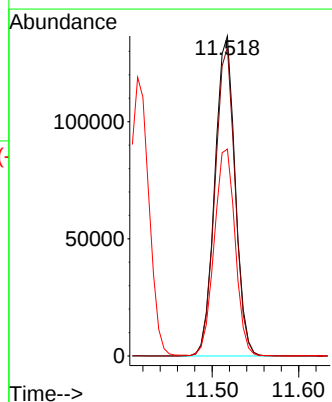
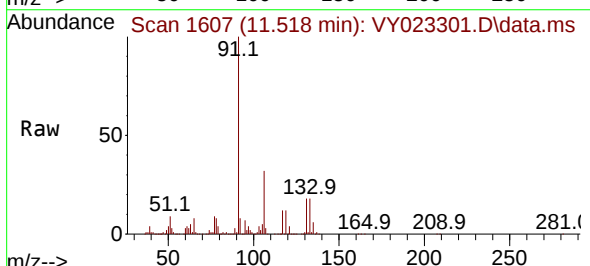
Tgt Ion:131 Resp: 222319

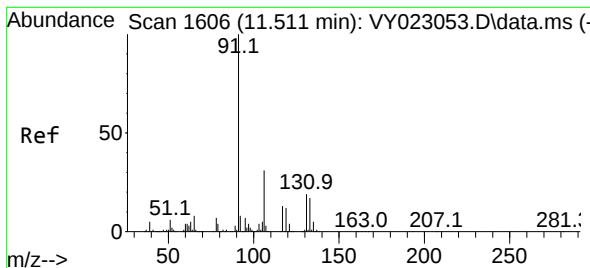
Ion Ratio Lower Upper

131 100

133 95.6 46.9 140.6

119 66.8 33.2 99.6





#67

Ethyl Benzene

Concen: 49.812 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

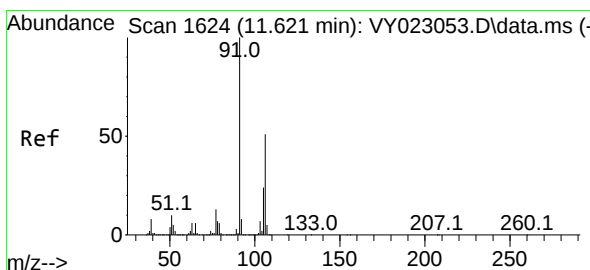
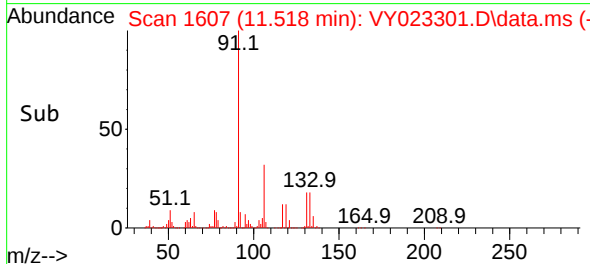
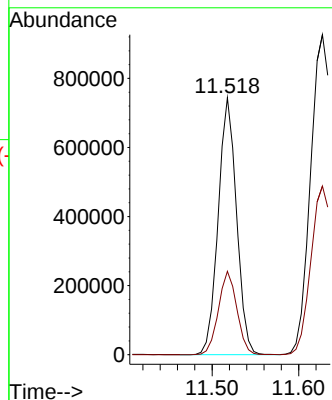
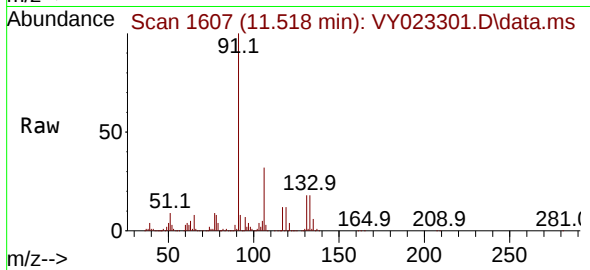
ClientSampleId :

Tgt Ion: 91 Resp: 1093161

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



#68

m/p-Xylenes

Concen: 102.831 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023301.D

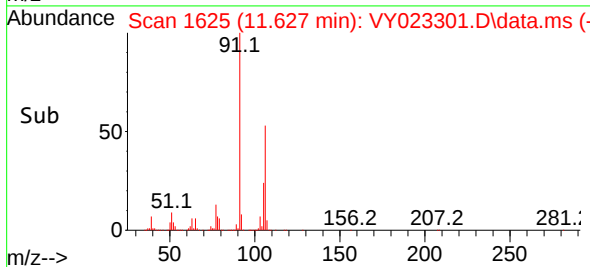
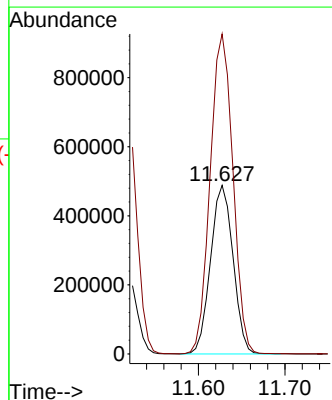
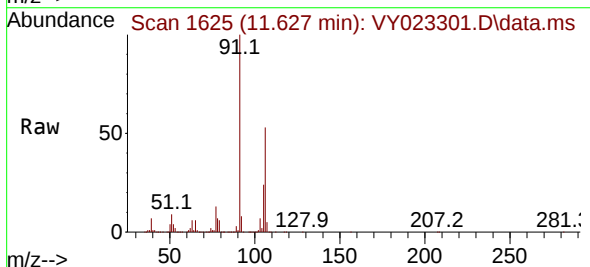
Acq: 05 Sep 2025 16:11

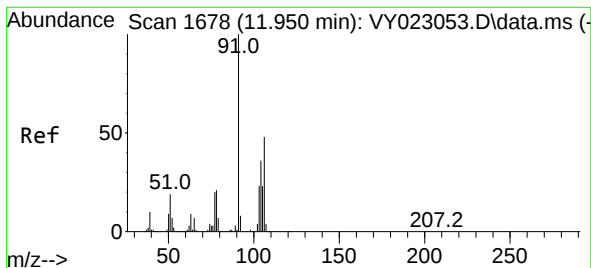
Tgt Ion:106 Resp: 881389

Ion Ratio Lower Upper

106 100

91 192.1 158.6 238.0





#69

o-Xylene

Concen: 51.123 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

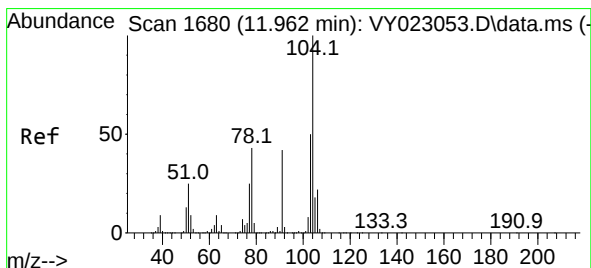
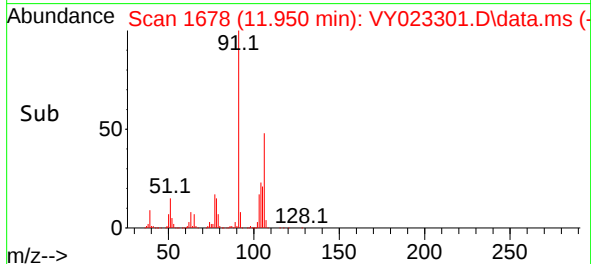
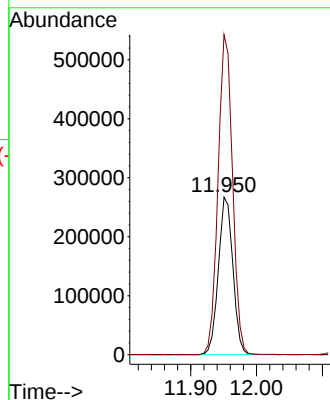
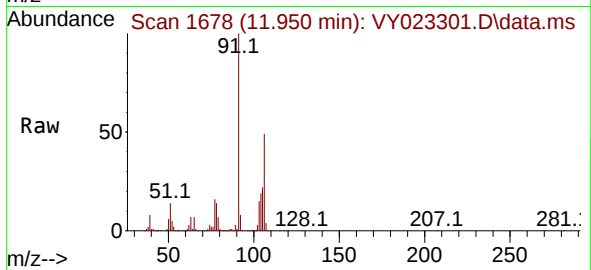
ClientSampleId :

Tgt Ion:106 Resp: 410402

Ion Ratio Lower Upper

106 100

91 203.3 103.2 309.4



#70

Styrene

Concen: 51.392 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

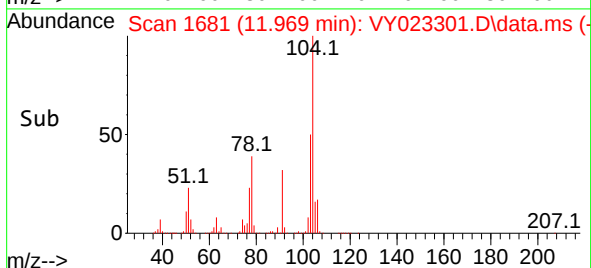
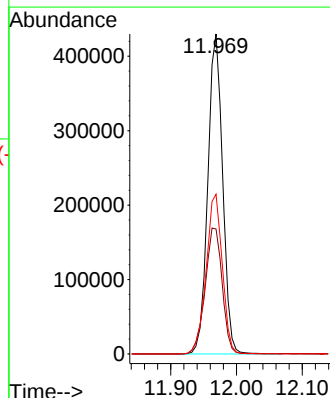
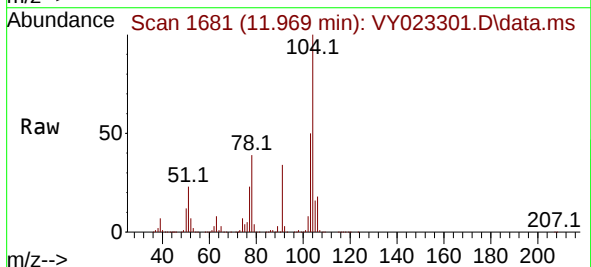
Tgt Ion:104 Resp: 674691

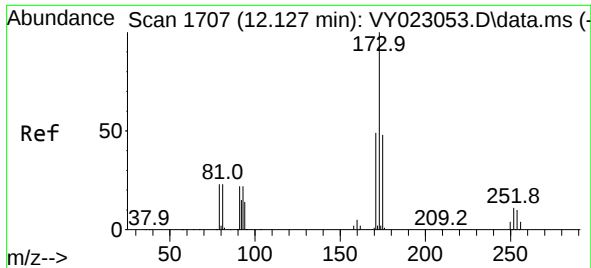
Ion Ratio Lower Upper

104 100

78 45.2 38.5 57.7

103 54.3 43.7 65.5

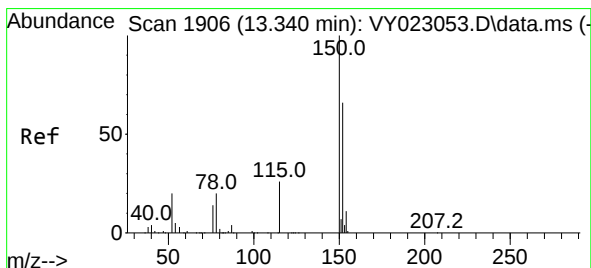
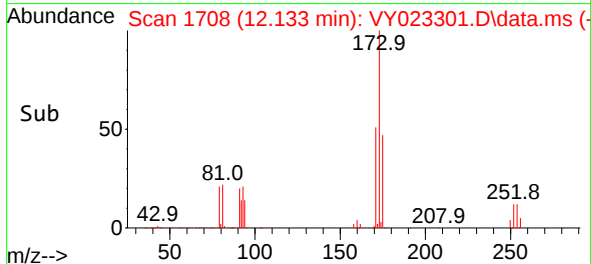
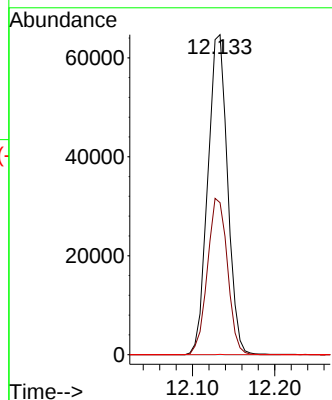
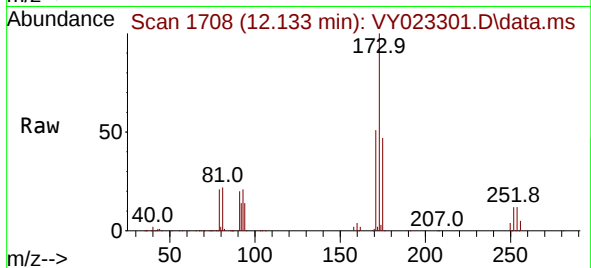




#71
Bromoform
Concen: 42.637 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

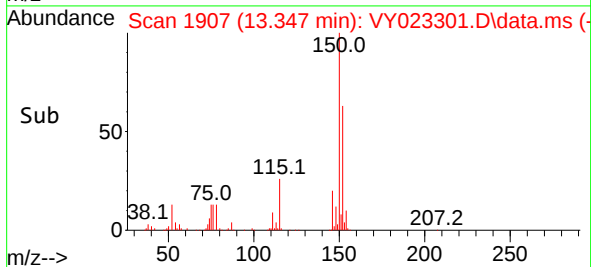
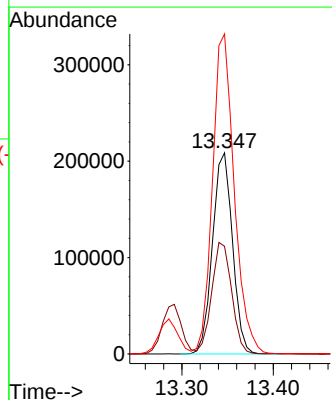
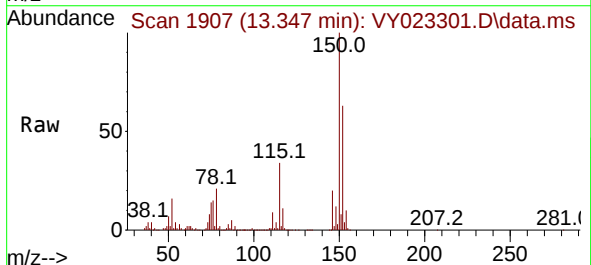
Instrument :
MSVOA_Y
ClientSampleId :

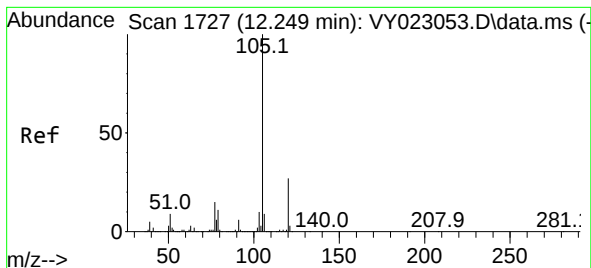
Tgt Ion:173 Resp: 107852
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion:152 Resp: 317166
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.6
150 172.8 0.0 348.0





#73

Isopropylbenzene

Concen: 47.762 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

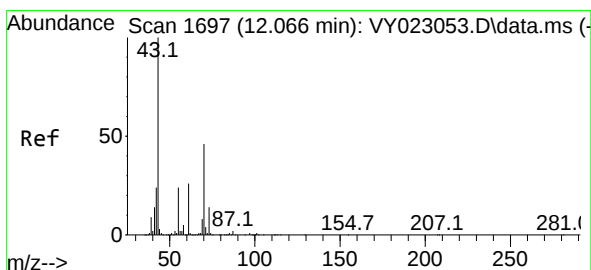
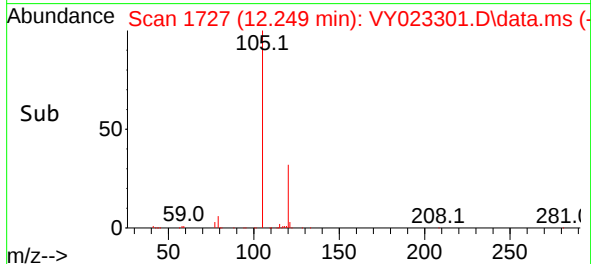
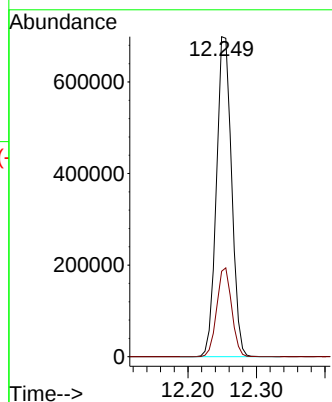
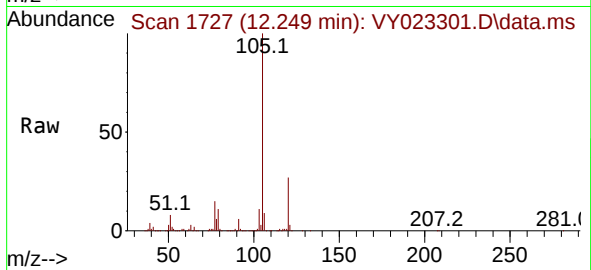
ClientSampleId :

Tgt Ion:105 Resp: 1069171

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 32.103 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Tgt Ion: 43 Resp: 152397

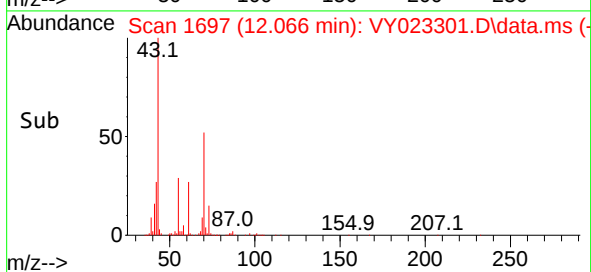
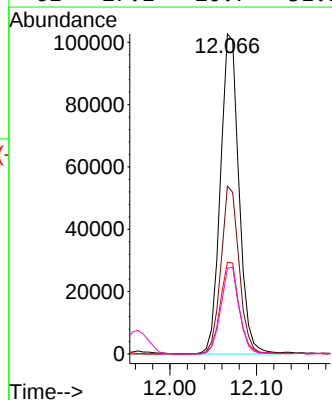
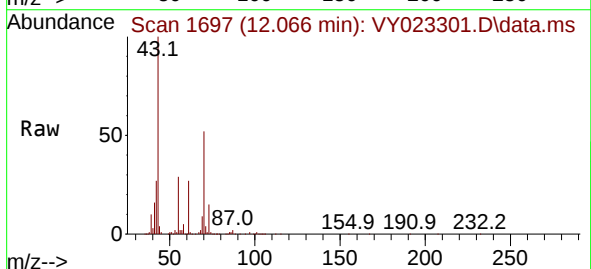
Ion Ratio Lower Upper

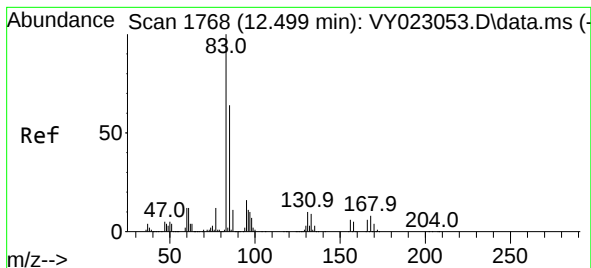
43 100

70 51.5 37.5 56.3

55 29.1 20.7 31.1

61 27.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 34.317 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

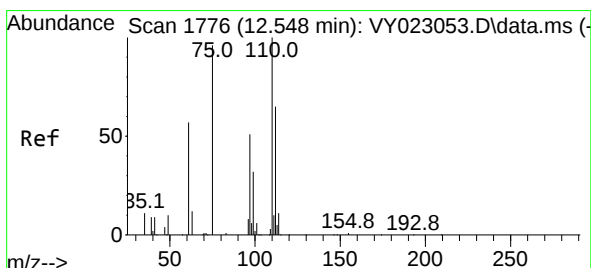
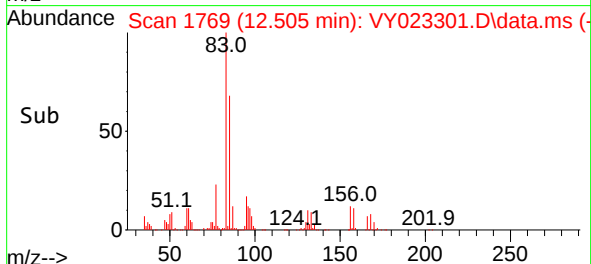
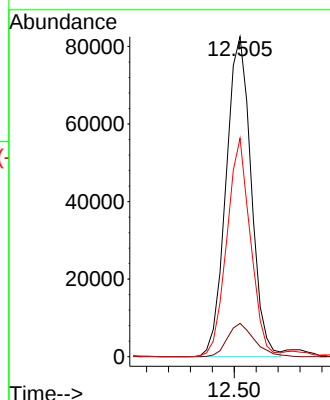
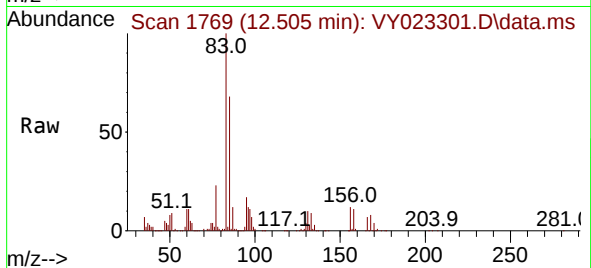
Tgt Ion: 83 Resp: 131169

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 64.4 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 58.506 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023301.D

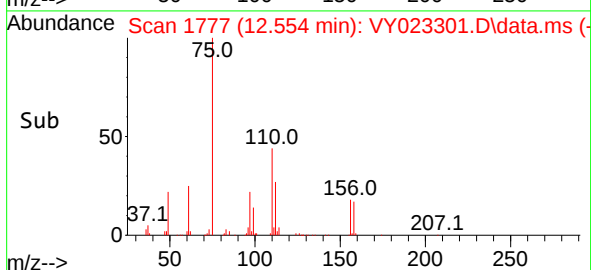
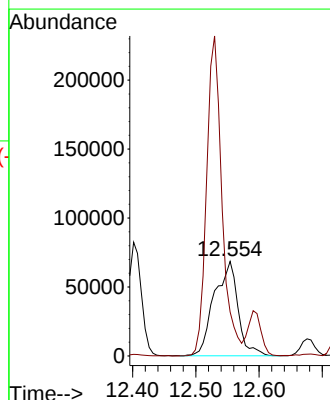
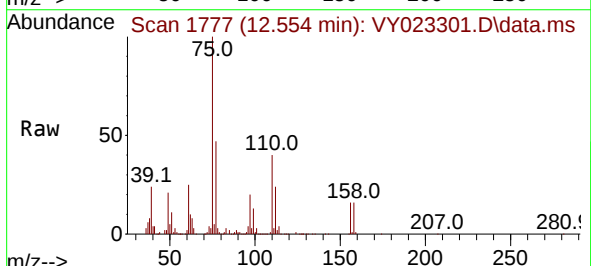
Acq: 05 Sep 2025 16:11

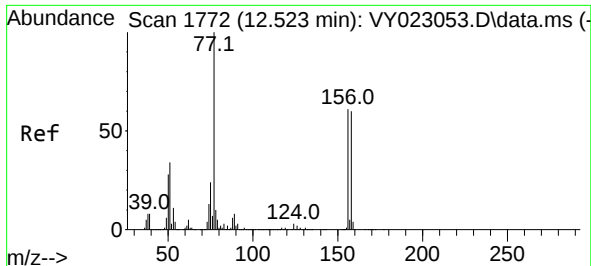
Tgt Ion: 75 Resp: 179086

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

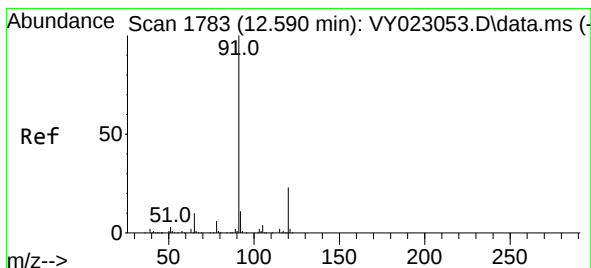
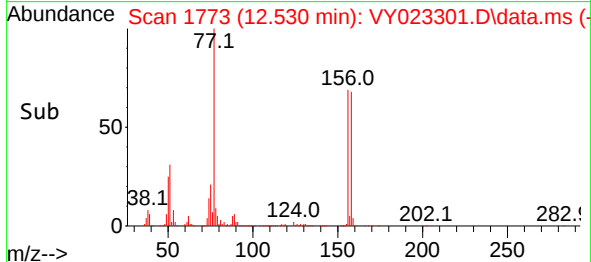
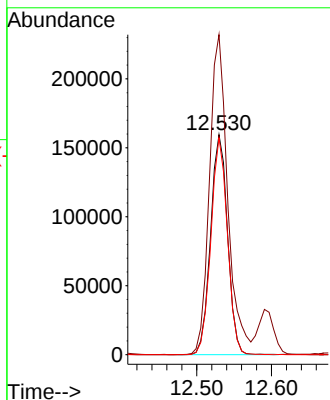
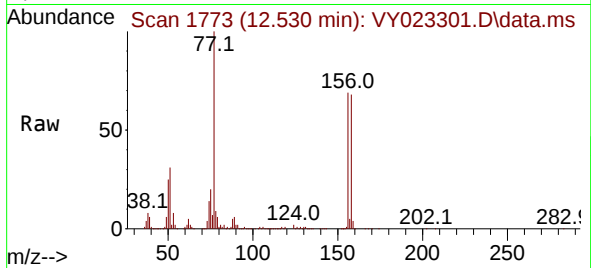




#77
Bromobenzene
Concen: 47.085 ug/l
RT: 12.530 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

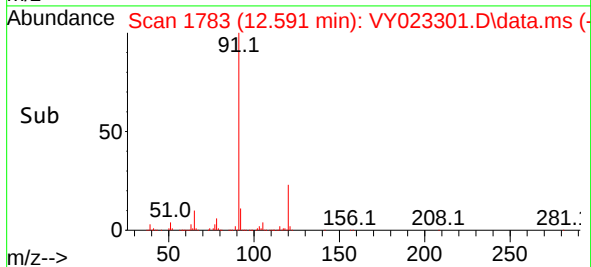
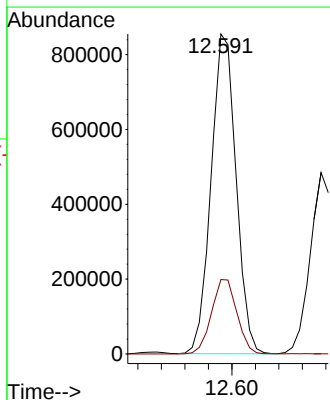
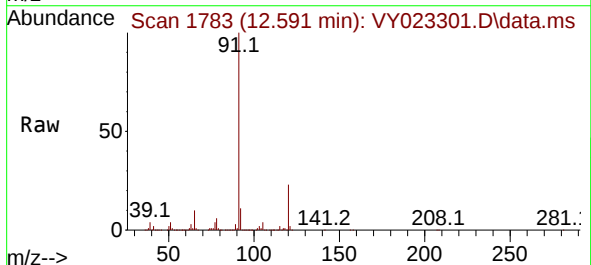
Instrument :
MSVOA_Y
ClientSampleId :

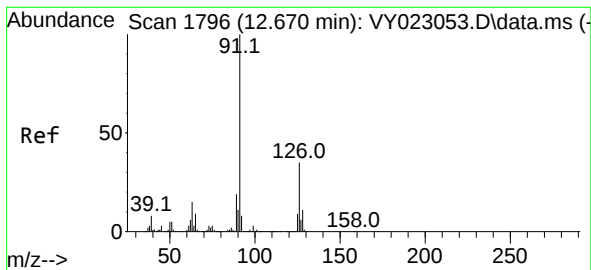
Tgt Ion:156 Resp: 251456
Ion Ratio Lower Upper
156 100
77 156.6 88.1 264.4
158 96.0 48.0 144.0



#78
n-propylbenzene
Concen: 47.411 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 91 Resp: 1263550
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.5

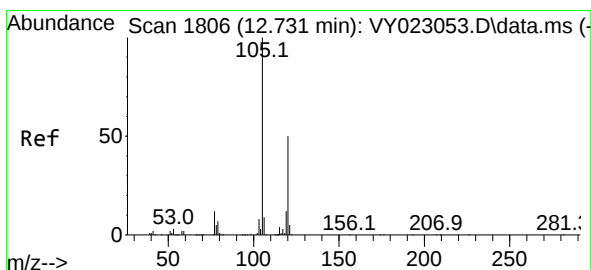
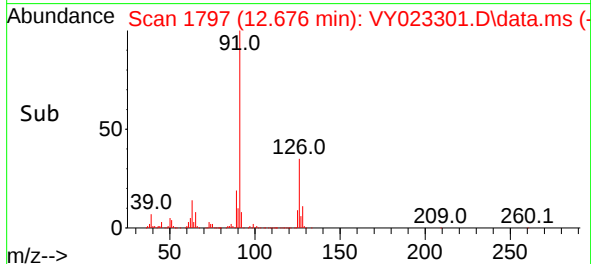
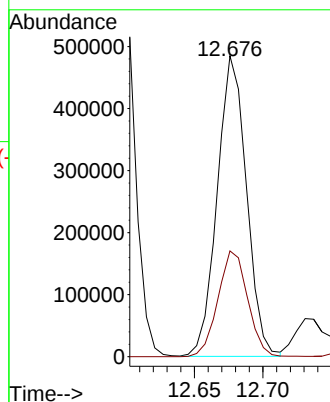
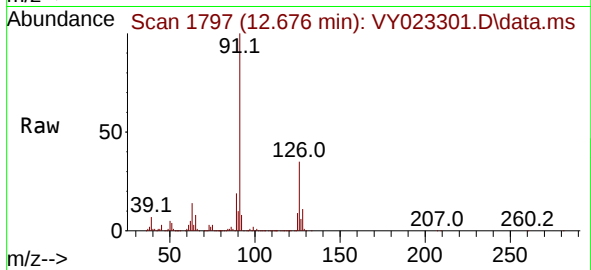




#79
2-Chlorotoluene
Concen: 47.114 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

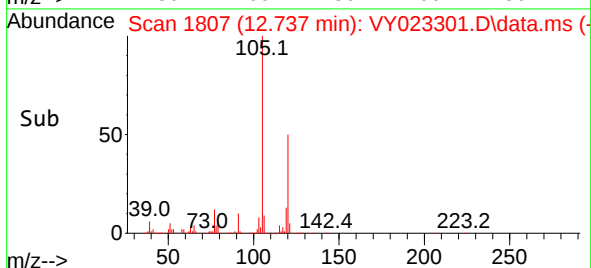
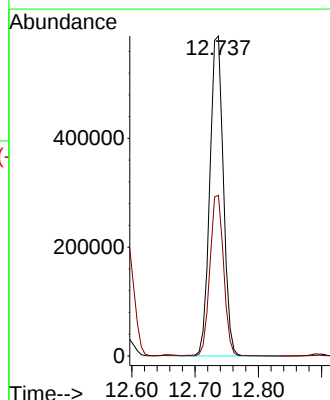
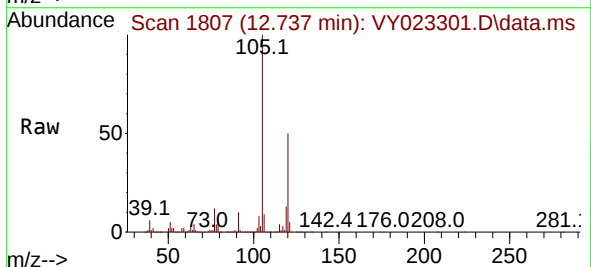
Instrument :
MSVOA_Y
ClientSampleId :

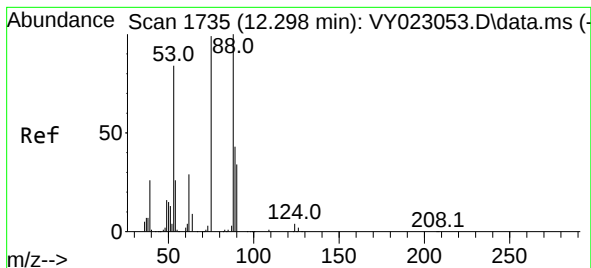
Tgt Ion: 91 Resp: 719424
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.405 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion:105 Resp: 875722
Ion Ratio Lower Upper
105 100
120 50.9 24.8 74.4

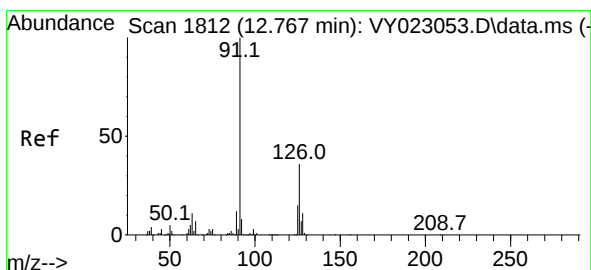
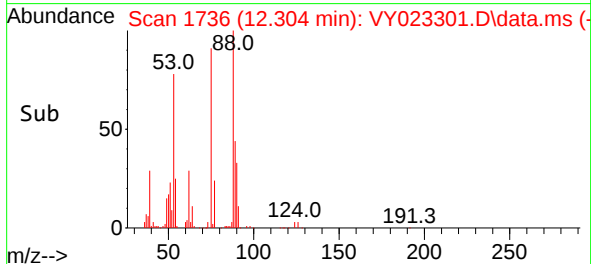
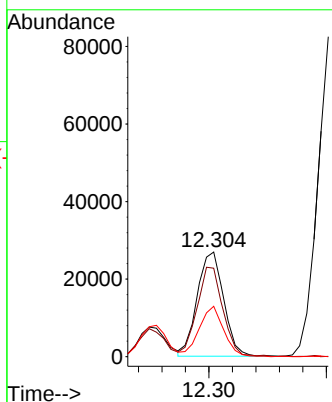
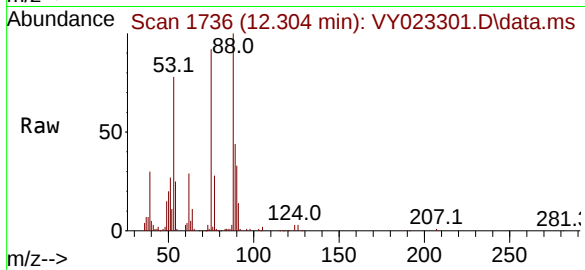




#81
trans-1,4-Dichloro-2-butene
Concen: 33.089 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

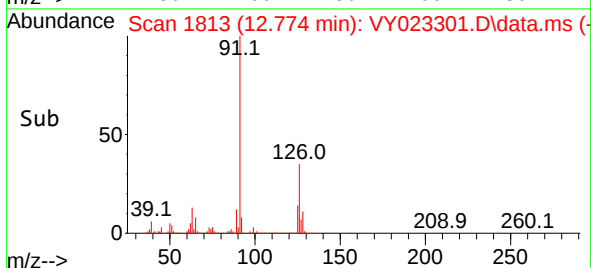
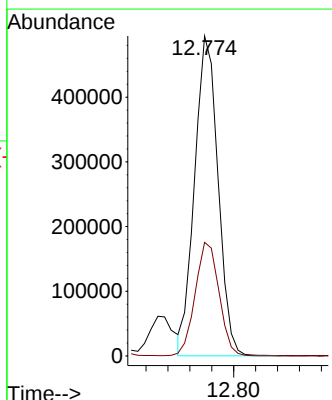
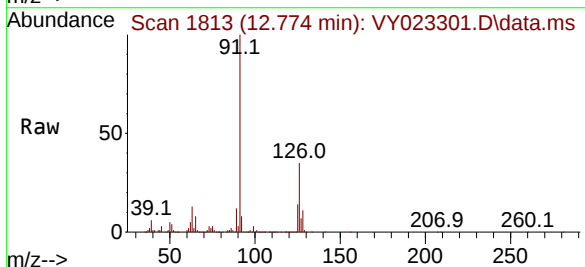
Instrument :
MSVOA_Y
ClientSampleId :

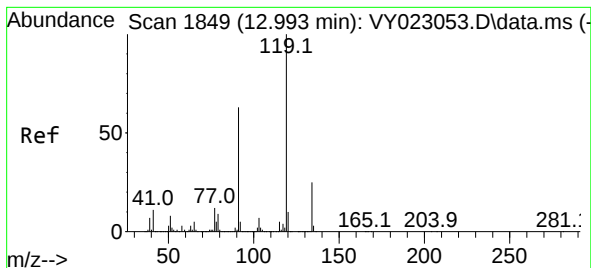
Tgt Ion: 75 Resp: 41841
Ion Ratio Lower Upper
75 100
53 84.3 70.8 106.2
89 45.4 38.1 57.1



#82
4-Chlorotoluene
Concen: 46.286 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023301.D
Acq: 05 Sep 2025 16:11

Tgt Ion: 91 Resp: 733211
Ion Ratio Lower Upper
91 100
126 36.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 48.761 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

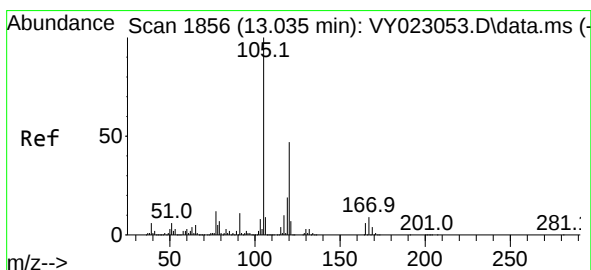
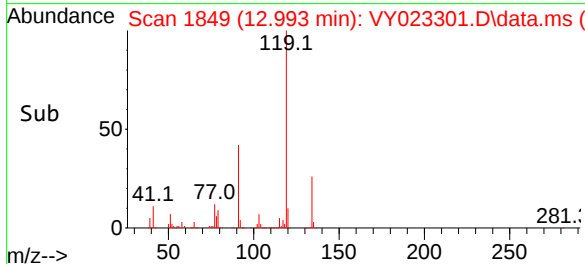
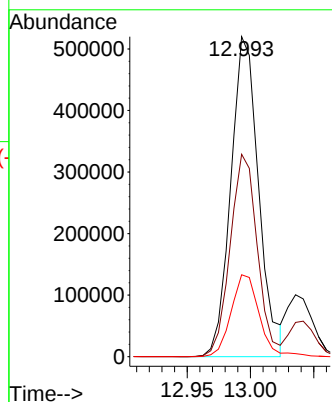
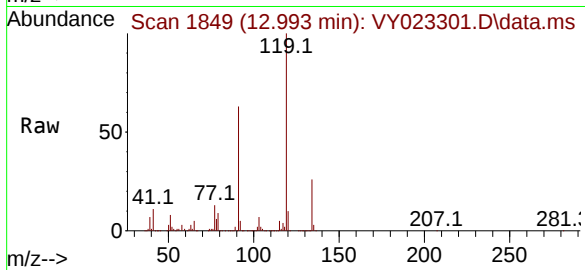
Tgt Ion:119 Resp: 796743

Ion Ratio Lower Upper

119 100

91 61.7 31.6 94.8

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 48.503 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023301.D

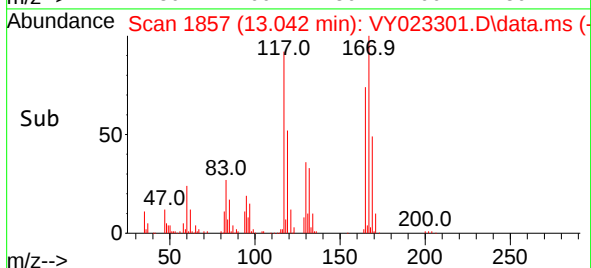
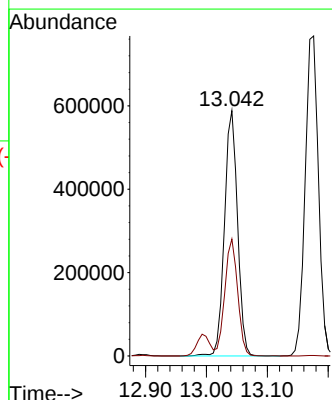
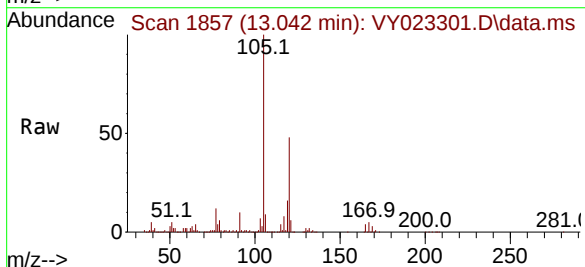
Acq: 05 Sep 2025 16:11

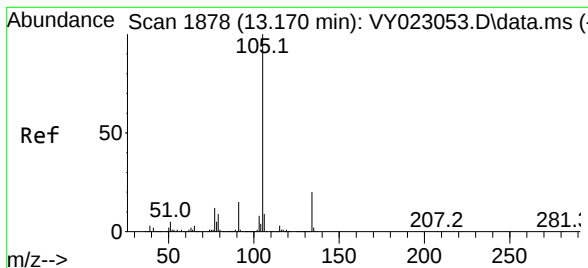
Tgt Ion:105 Resp: 873509

Ion Ratio Lower Upper

105 100

120 47.1 23.0 69.0

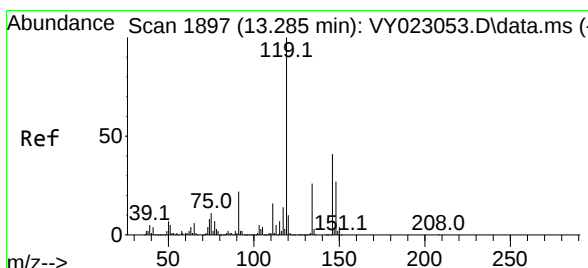
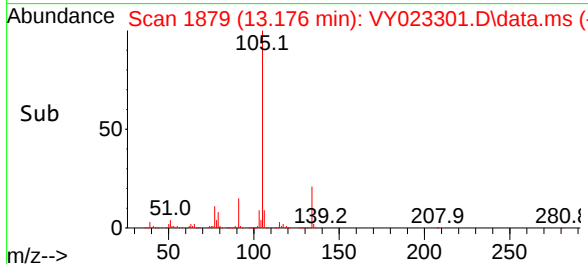
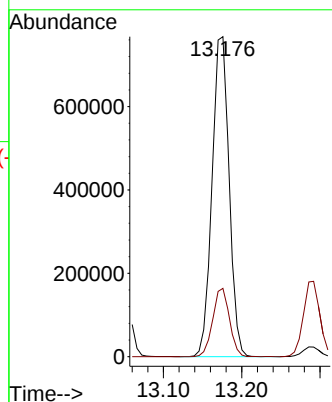
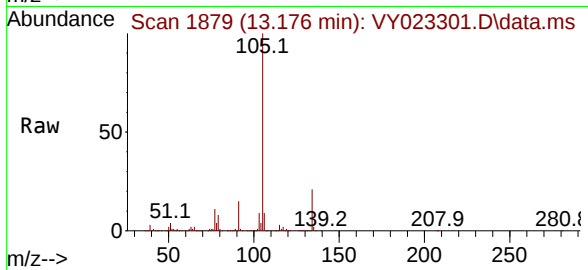




#85
 sec-Butylbenzene
 Concen: 48.297 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023301.D
 Acq: 05 Sep 2025 16:11

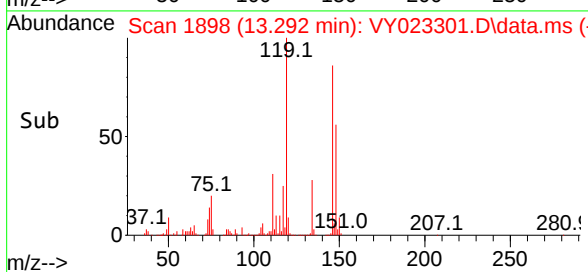
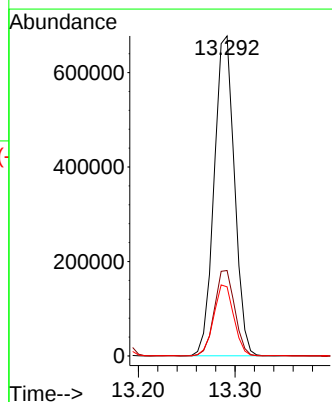
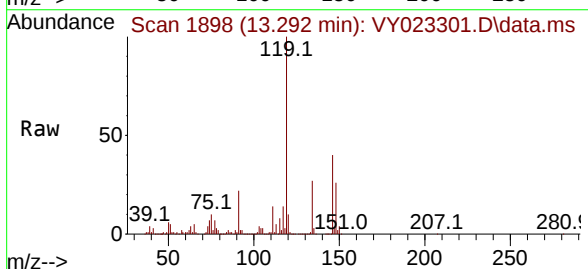
Instrument :
 MSVOA_Y
 ClientSampleId :

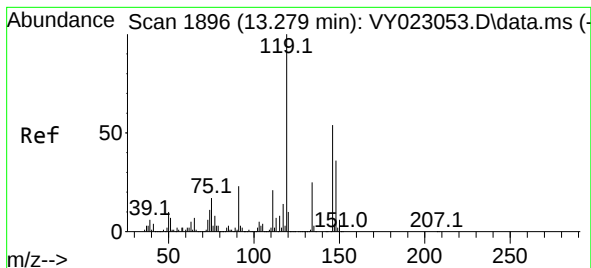
Tgt Ion:105 Resp: 1159252
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.488 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023301.D
 Acq: 05 Sep 2025 16:11

Tgt Ion:119 Resp: 985980
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 22.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.520 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

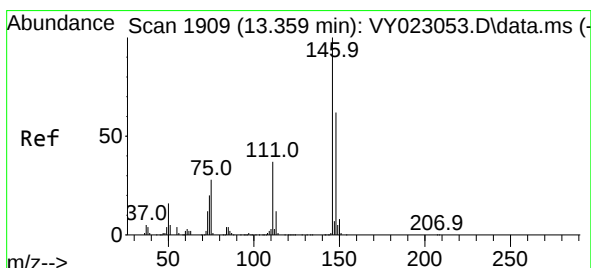
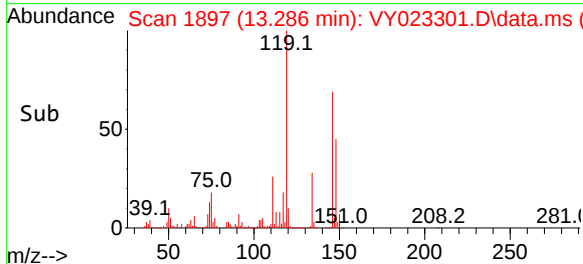
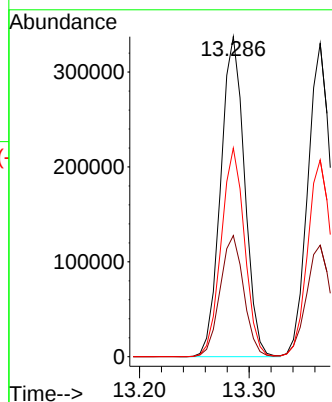
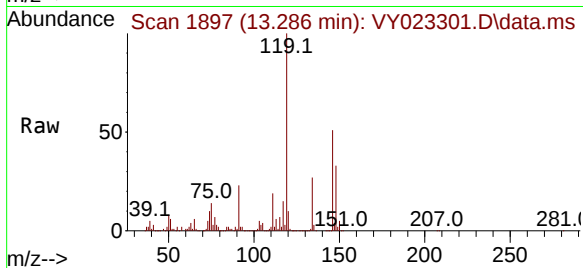
Tgt Ion:146 Resp: 510985

Ion Ratio Lower Upper

146 100

111 37.4 19.6 58.7

148 63.9 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 47.191 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

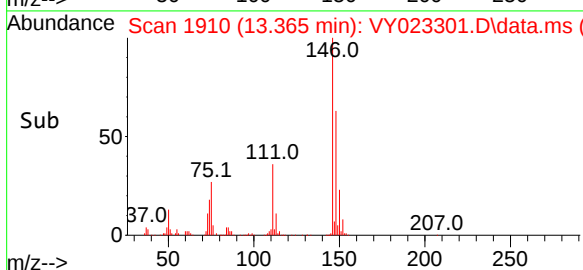
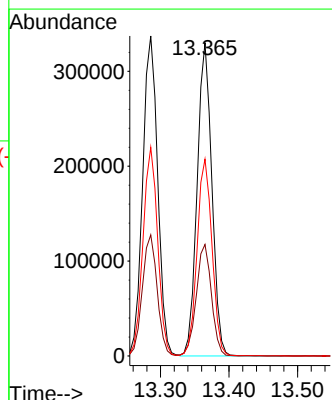
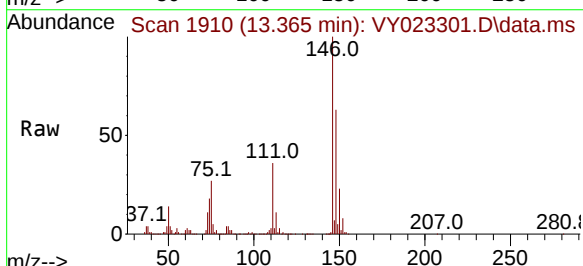
Tgt Ion:146 Resp: 493010

Ion Ratio Lower Upper

146 100

111 36.8 19.1 57.1

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 47.632 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

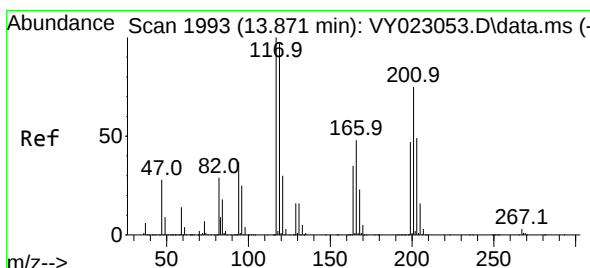
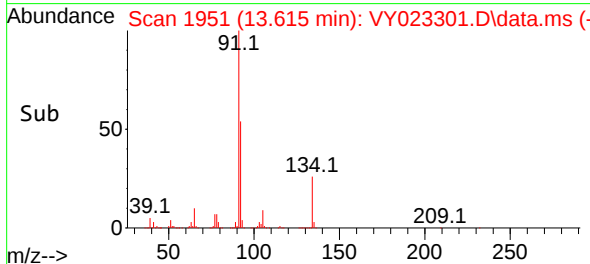
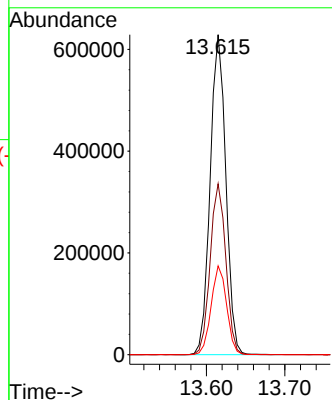
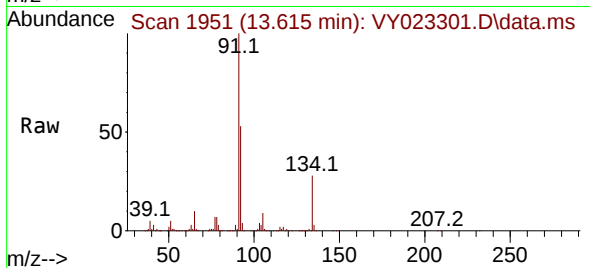
Tgt Ion: 91 Resp: 871602

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.7

134 27.4 13.2 39.5



#90

Hexachloroethane

Concen: 49.761 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023301.D

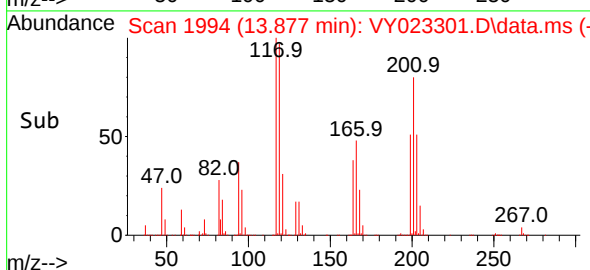
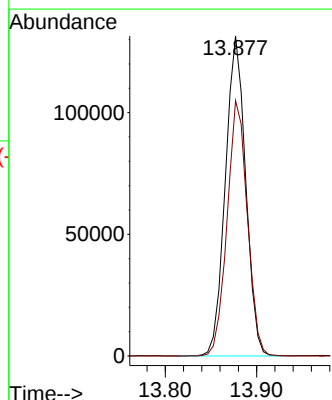
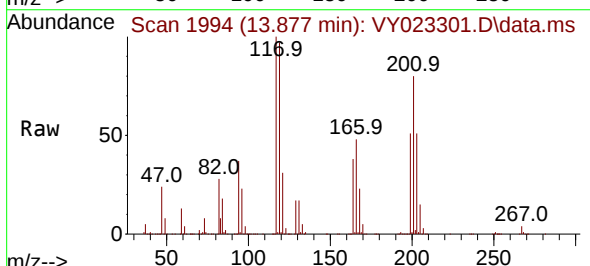
Acq: 05 Sep 2025 16:11

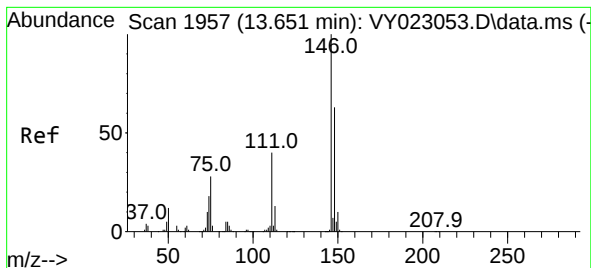
Tgt Ion: 117 Resp: 202953

Ion Ratio Lower Upper

117 100

201 79.6 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 47.069 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

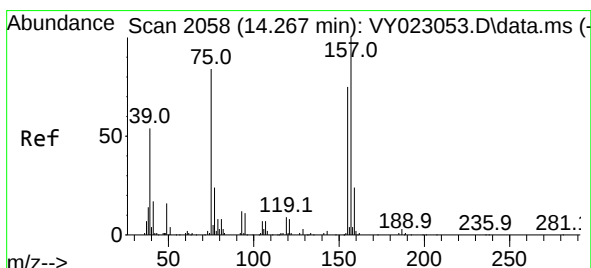
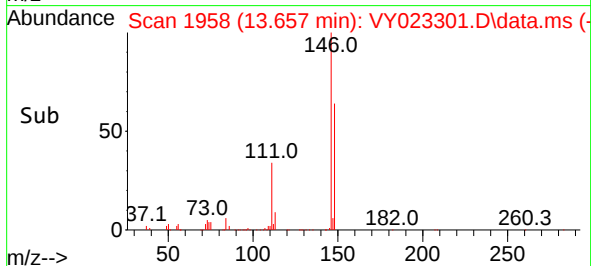
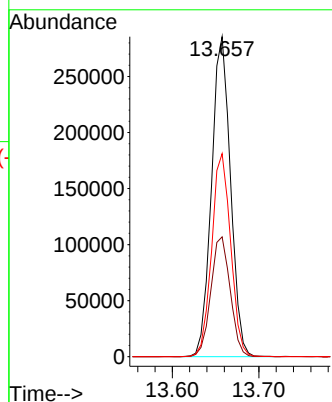
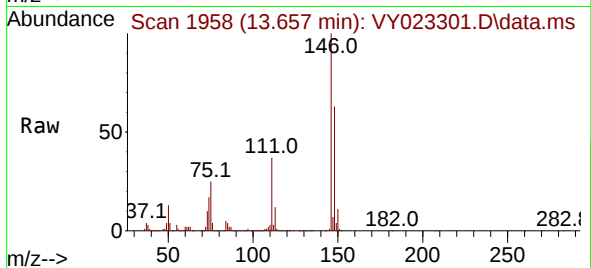
Tgt Ion:146 Resp: 434733

Ion Ratio Lower Upper

146 100

111 38.2 20.3 60.8

148 63.5 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 31.594 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

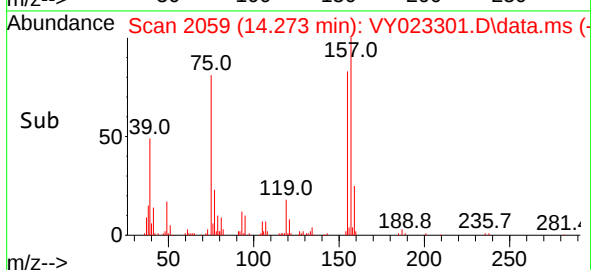
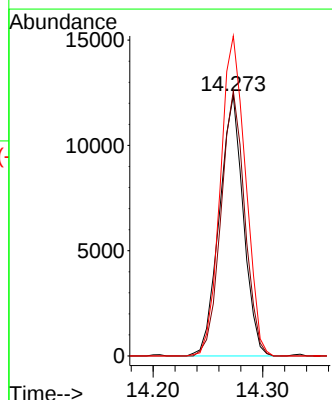
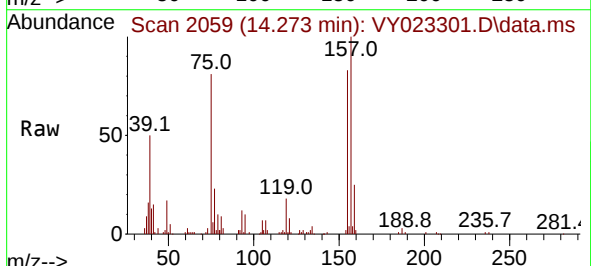
Tgt Ion: 75 Resp: 18802

Ion Ratio Lower Upper

75 100

155 100.0 43.9 131.6

157 128.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 46.773 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

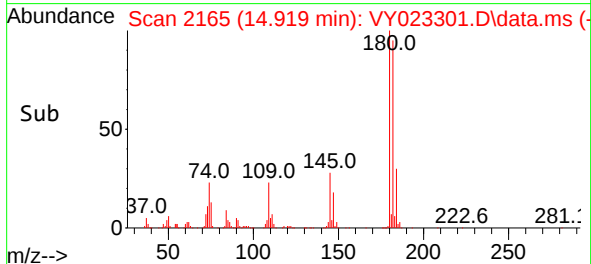
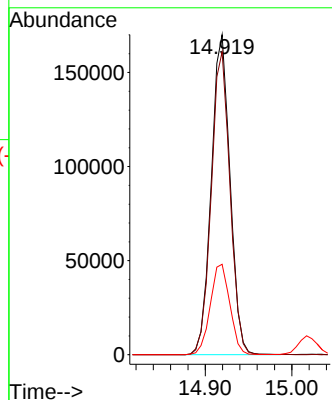
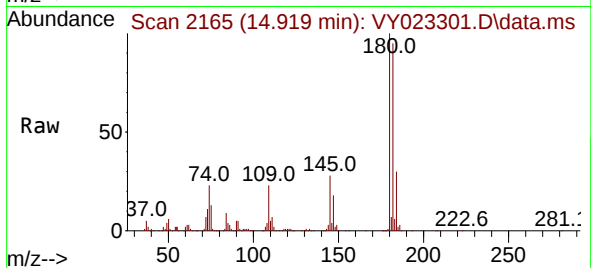
Tgt Ion:180 Resp: 255468

Ion Ratio Lower Upper

180 100

182 94.8 46.8 140.4

145 29.5 14.4 43.4



#94

Hexachlorobutadiene

Concen: 51.683 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

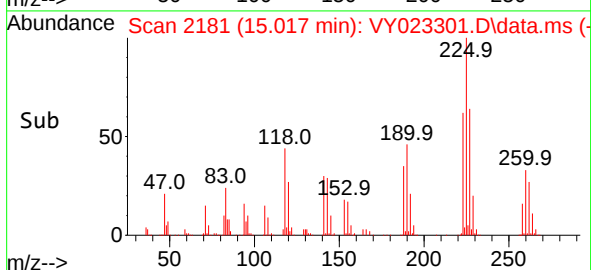
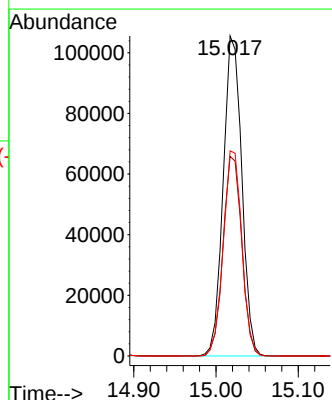
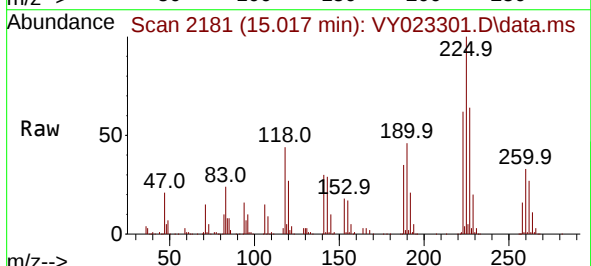
Tgt Ion:225 Resp: 165879

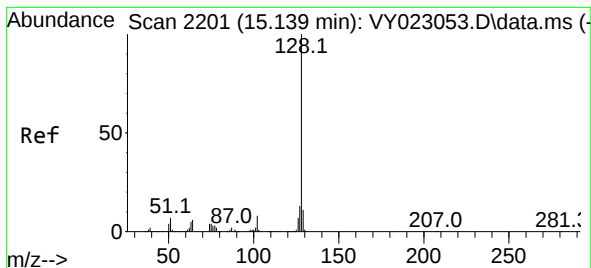
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

227 64.1 31.5 94.5





#95

Naphthalene

Concen: 37.387 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

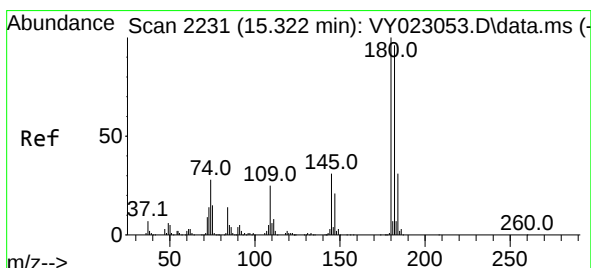
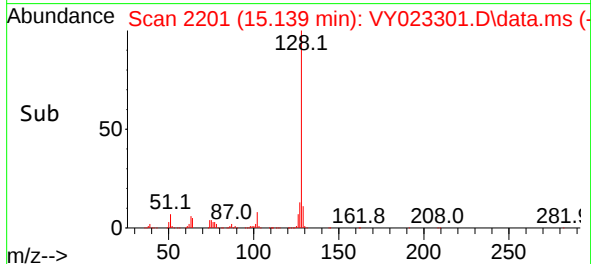
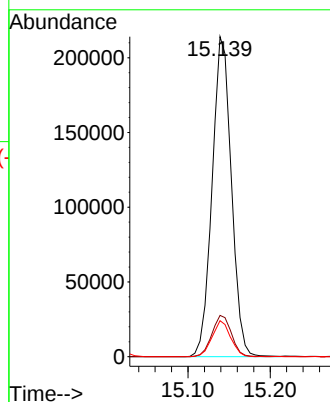
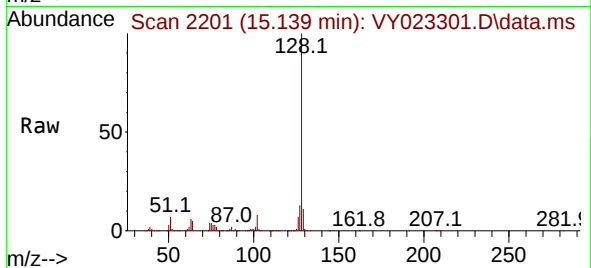
Tgt Ion:128 Resp: 348202

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 45.159 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023301.D

Acq: 05 Sep 2025 16:11

Tgt Ion:180 Resp: 212543

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 30.4 15.9 47.7

