

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023396.D
 Acq On : 08 Oct 2025 10:21
 Operator : SY/MD
 Sample : VY1008SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 09 03:08:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	568170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	832948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	729928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	379883	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230014	48.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.820%
35) Dibromofluoromethane	7.634	113	250512	48.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.103	98	944698	49.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.402	95	302923	48.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	88809	21.716	ug/l	98
3) Chloromethane	2.068	50	120859	21.694	ug/l	99
4) Vinyl Chloride	2.202	62	155475	21.426	ug/l	98
5) Bromomethane	2.592	94	132477	21.755	ug/l	99
6) Chloroethane	2.733	64	109223	22.082	ug/l	97
7) Trichlorofluoromethane	3.050	101	213114	21.152	ug/l	99
8) Diethyl Ether	3.452	74	55794	21.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	107683	20.596	ug/l	97
10) Methyl Iodide	4.007	142	118169	20.303	ug/l	99
11) Tert butyl alcohol	4.860	59	47771	135.154	ug/l	95
12) 1,1-Dichloroethene	3.787	96	106212	20.957	ug/l	95
13) Acrolein	3.653	56	47034	94.173	ug/l	99
14) Allyl chloride	4.385	41	125840	20.373	ug/l	98
15) Acrylonitrile	5.061	53	102875	102.106	ug/l	100
16) Acetone	3.866	43	145978	129.059	ug/l	98
17) Carbon Disulfide	4.104	76	302846	20.878	ug/l	100
18) Methyl Acetate	4.385	43	54322	18.308	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	253795	20.835	ug/l	100
20) Methylene Chloride	4.616	84	120566	19.712	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	116325	20.847	ug/l	95
22) Diisopropyl ether	6.019	45	287776	21.063	ug/l	96
23) Vinyl Acetate	5.958	43	793378	107.281	ug/l	99
24) 1,1-Dichloroethane	5.915	63	189963	20.990	ug/l	99
25) 2-Butanone	6.896	43	163145	118.145	ug/l	98
26) 2,2-Dichloropropane	6.884	77	178811	21.532	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136755	21.217	ug/l	97
28) Bromochloromethane	7.244	49	70861	20.973	ug/l	100
29) Tetrahydrofuran	7.262	42	77733	99.269	ug/l	99
30) Chloroform	7.421	83	207727	20.891	ug/l	98
31) Cyclohexane	7.701	56	160896	20.357	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	189309	20.950	ug/l	100
36) 1,1-Dichloropropene	7.835	75	143855	21.231	ug/l	98
37) Ethyl Acetate	6.982	43	57311	21.350	ug/l	99
38) Carbon Tetrachloride	7.817	117	174840	21.280	ug/l	97
39) Methylcyclohexane	9.109	83	183285	20.775	ug/l	95
40) Benzene	8.079	78	452659	21.095	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	27387	18.864	ug/l	90
42) 1,2-Dichloroethane	8.158	62	116197	20.996	ug/l	100
43) Isopropyl Acetate	8.201	43	109588	20.473	ug/l	99
44) Trichloroethene	8.866	130	131994	21.016	ug/l	96
45) 1,2-Dichloropropane	9.140	63	100590	21.223	ug/l	99
46) Dibromomethane	9.231	93	62961	21.008	ug/l	99
47) Bromodichloromethane	9.420	83	158836	21.043	ug/l	100
48) Methyl methacrylate	9.219	41	50875	20.231	ug/l	97
49) 1,4-Dioxane	9.231	88	14018	403.417	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	288902	104.464	ug/l	98
52) Toluene	10.170	92	297073	21.322	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	138234	21.062	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	164147	21.191	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	85381	21.185	ug/l	98
56) Ethyl methacrylate	10.438	69	94598	20.348	ug/l	100
57) 1,3-Dichloropropane	10.719	76	136304	21.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	208203	99.973	ug/l	99
59) 2-Hexanone	10.762	43	226171	114.436	ug/l	100
60) Dibromochloromethane	10.908	129	118167	20.913	ug/l	100
61) 1,2-Dibromoethane	11.012	107	81476	21.198	ug/l	99
64) Tetrachloroethene	10.646	164	155413	20.621	ug/l	96
65) Chlorobenzene	11.438	112	335284	21.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	119551	21.132	ug/l	99
67) Ethyl Benzene	11.518	91	536350	20.871	ug/l	99
68) m/p-Xylenes	11.627	106	438853	42.577	ug/l	100
69) o-Xylene	11.950	106	203537	21.053	ug/l	99
70) Styrene	11.969	104	335866	21.126	ug/l	99
71) Bromoform	12.133	173	74653	21.273	ug/l #	97
73) Isopropylbenzene	12.249	105	531995	21.250	ug/l	99
74) N-amyl acetate	12.066	43	94430	21.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	86963	21.238	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	115454	34.448	ug/l #	100
77) Bromobenzene	12.530	156	138594	20.824	ug/l	99
78) n-propylbenzene	12.591	91	618353	21.344	ug/l	100
79) 2-Chlorotoluene	12.676	91	358410	21.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	433210	21.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27969	20.464	ug/l	98
82) 4-Chlorotoluene	12.773	91	367226	21.018	ug/l	100
83) tert-Butylbenzene	12.993	119	385007	20.612	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	434268	21.510	ug/l	100
85) sec-Butylbenzene	13.170	105	576021	21.498	ug/l	100
86) p-Isopropyltoluene	13.292	119	481689	21.115	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	270349	20.860	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	269667	21.067	ug/l	99
89) n-Butylbenzene	13.615	91	419280	21.093	ug/l	99
90) Hexachloroethane	13.877	117	103078	21.008	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	241322	21.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	14291	21.271	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	145976	20.607	ug/l	100
94) Hexachlorobutadiene	15.017	225	92623	20.976	ug/l	98
95) Naphthalene	15.139	128	222867	19.758	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	124132	20.231	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

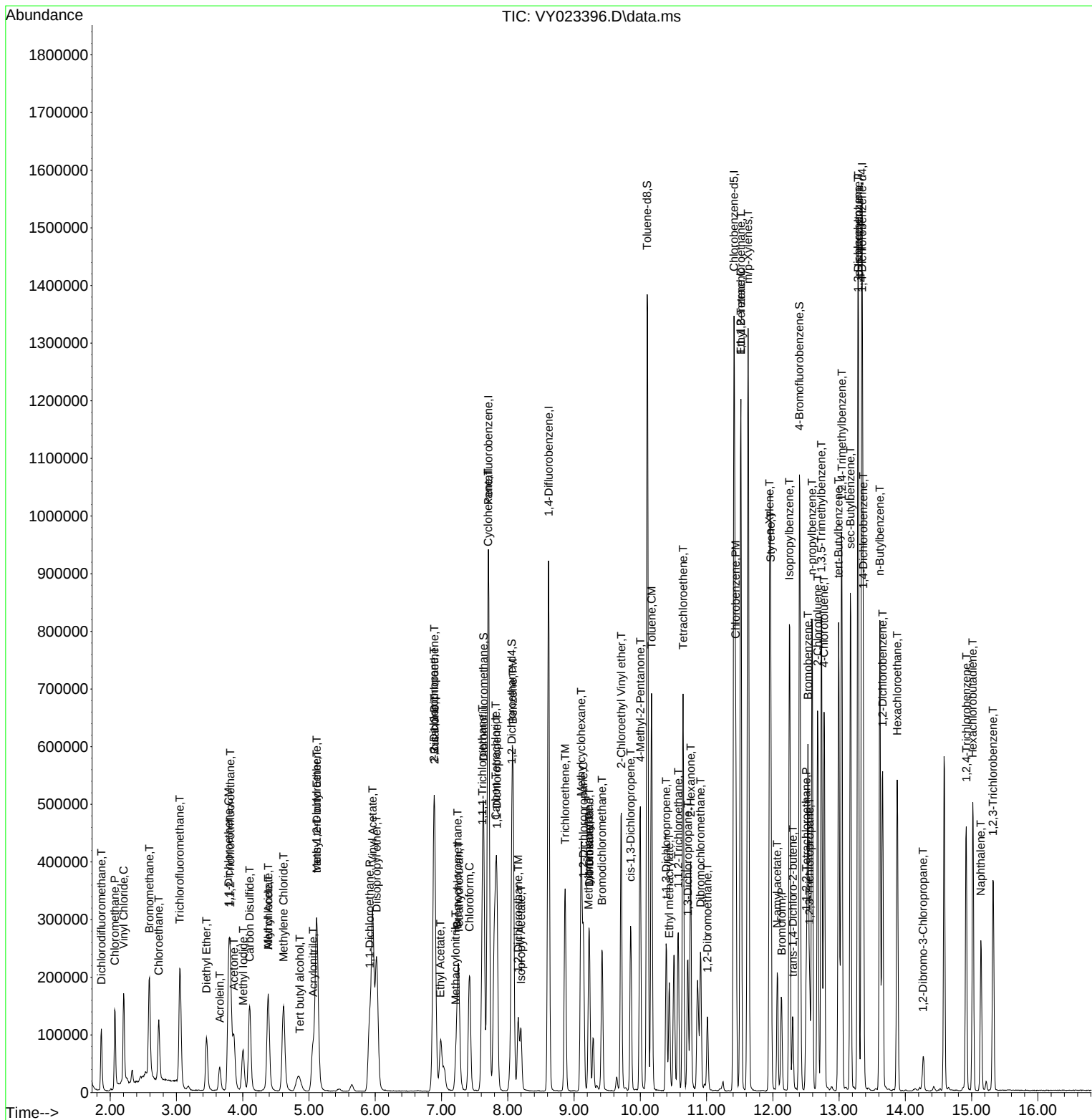
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MSVOA_Y
ClientSampleId :

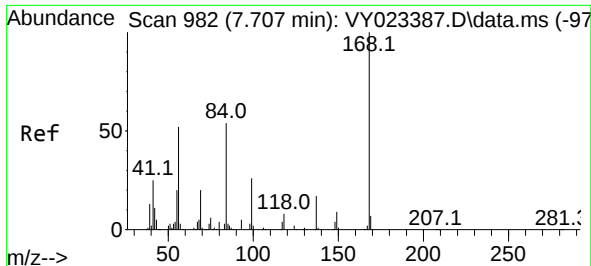
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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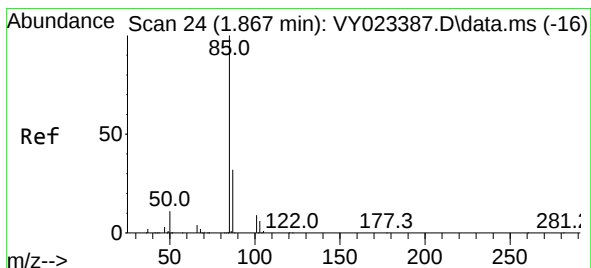
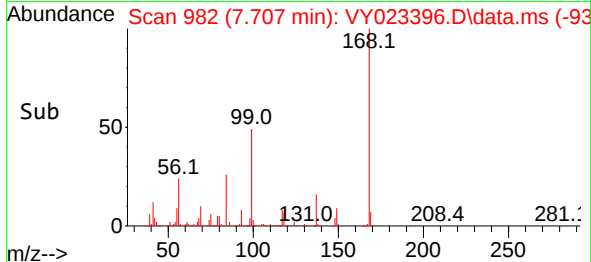
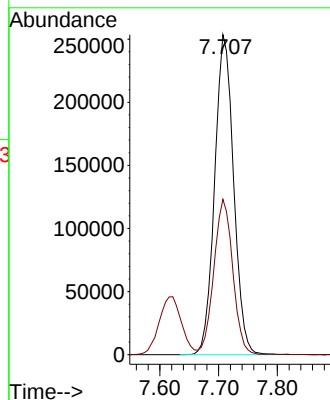
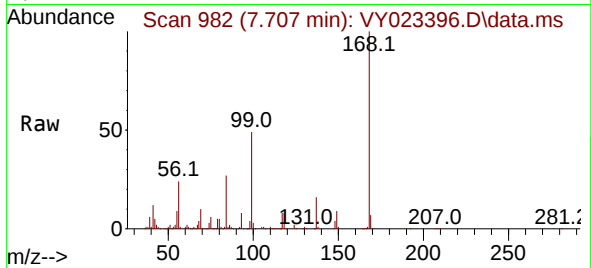




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

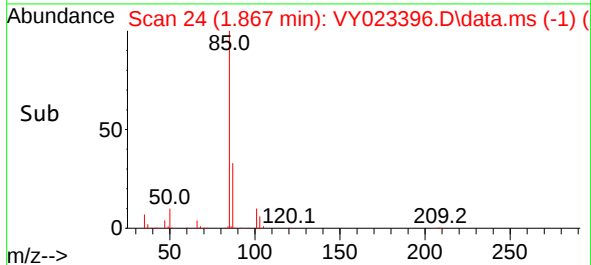
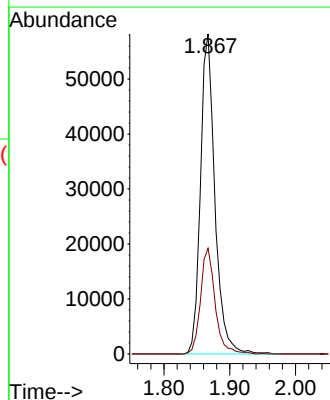
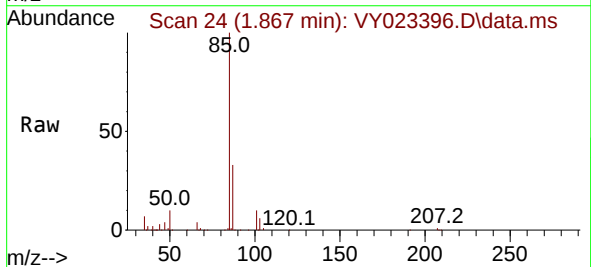
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 568170
Ion Ratio Lower Upper
168 100
99 48.5 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.716 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 85 Resp: 88809
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9

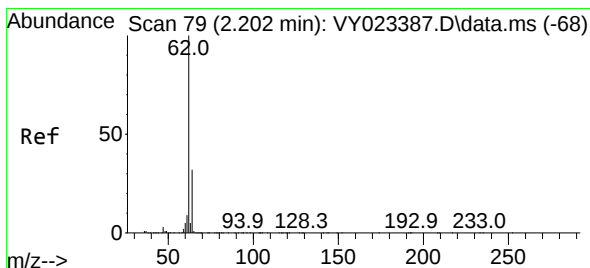
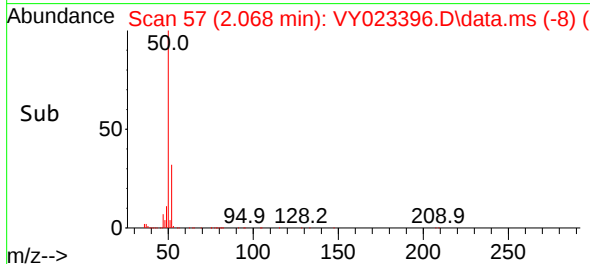
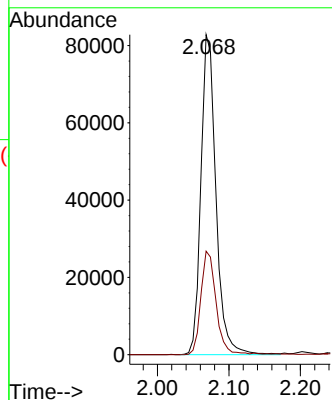
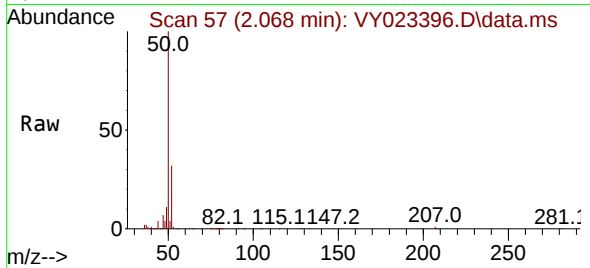




#3
Chloromethane
Concen: 21.694 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

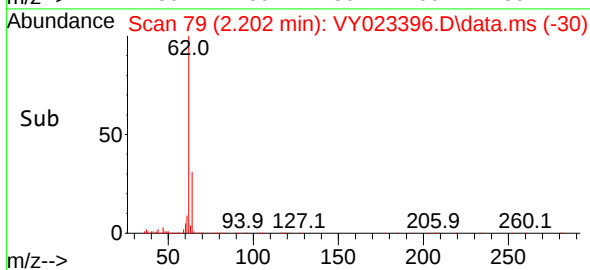
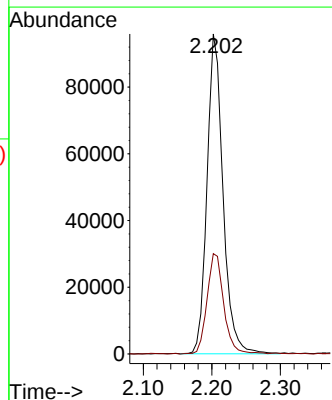
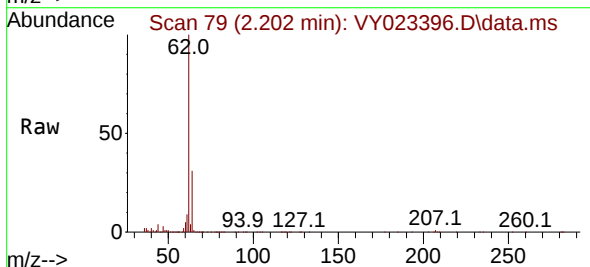
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MSVOA_Y
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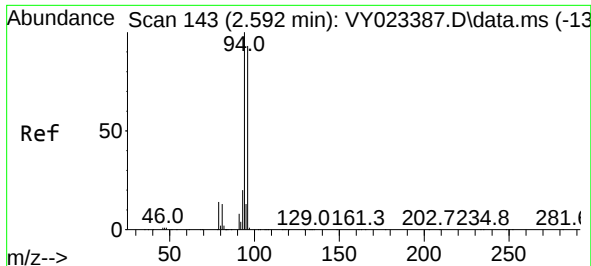
Tgt Ion: 50 Resp: 120859
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 21.426 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 62 Resp: 155475
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.8

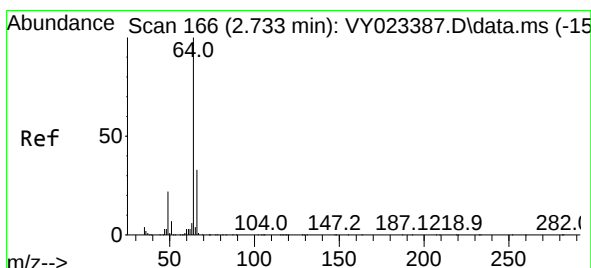
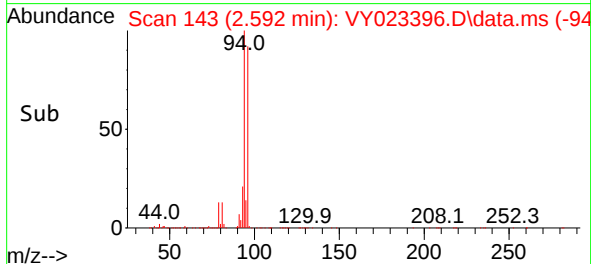
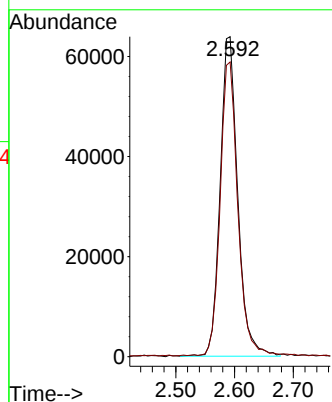
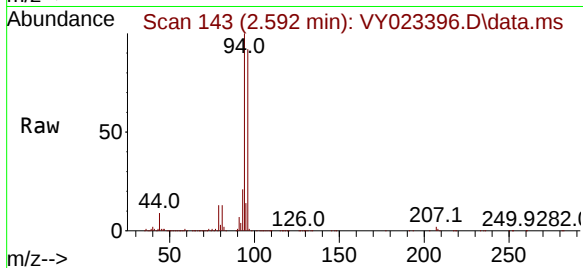




#5
Bromomethane
Concen: 21.755 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

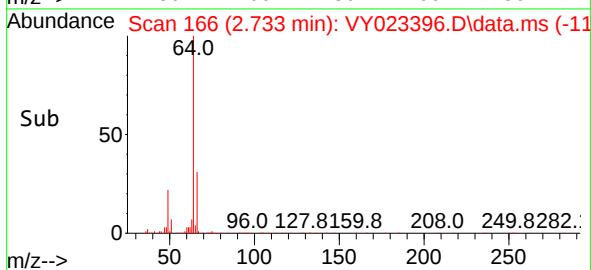
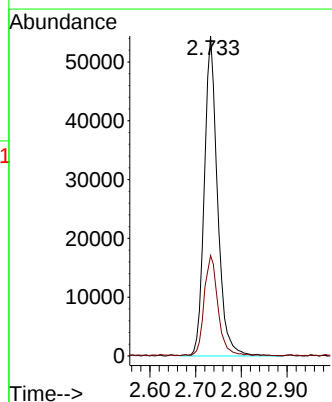
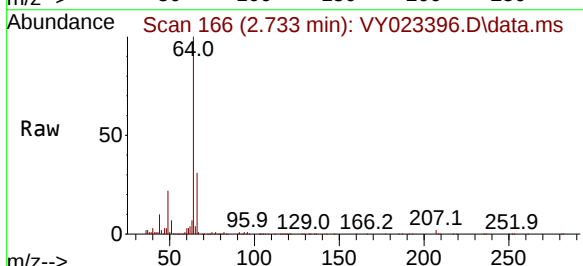
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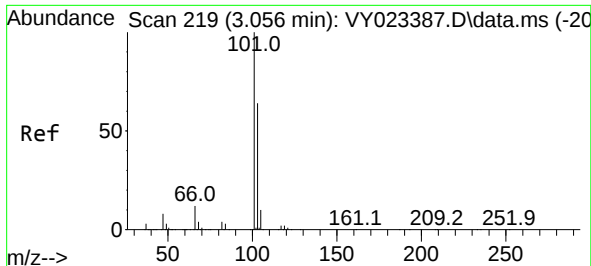
Tgt Ion: 94 Resp: 132477
Ion Ratio Lower Upper
94 100
96 91.9 74.5 111.7



#6
Chloroethane
Concen: 22.082 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 64 Resp: 109223
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4

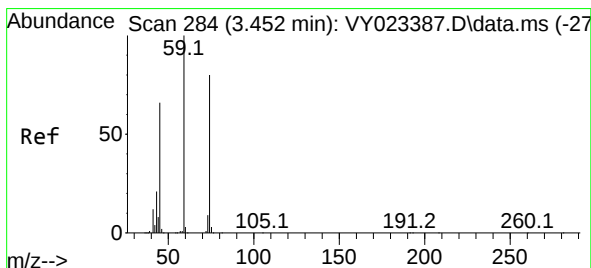
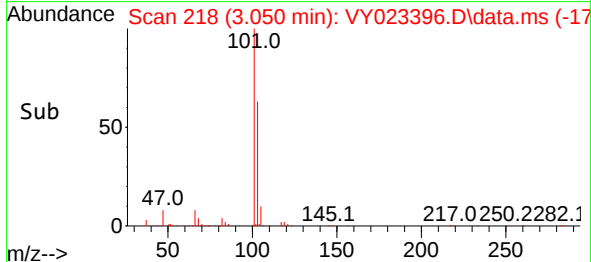
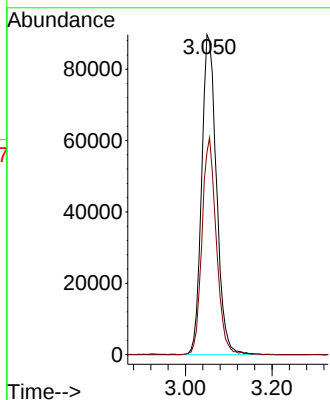
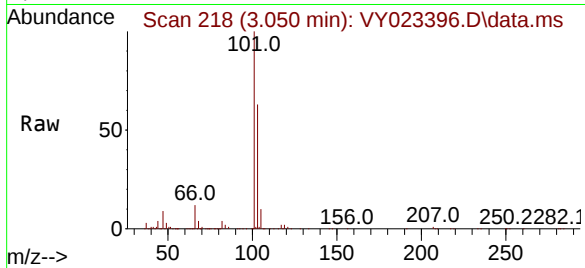




#7
Trichlorofluoromethane
Concen: 21.152 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

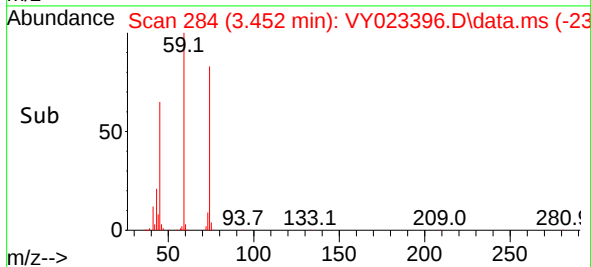
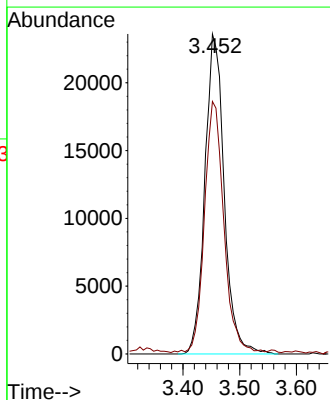
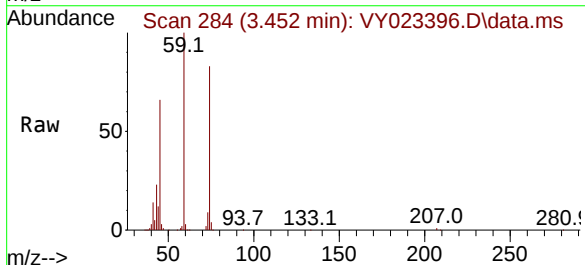
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 213114
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9



#8
Diethyl Ether
Concen: 21.192 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 74 Resp: 55794
Ion Ratio Lower Upper
74 100
45 78.6 39.9 119.7

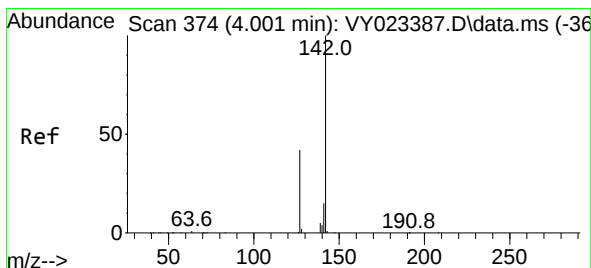
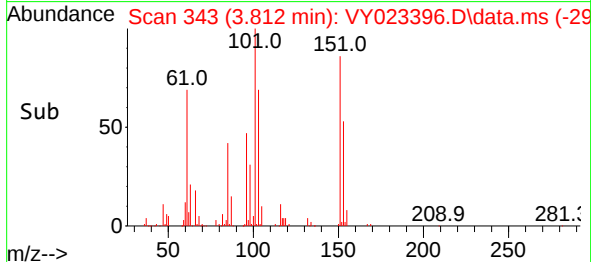
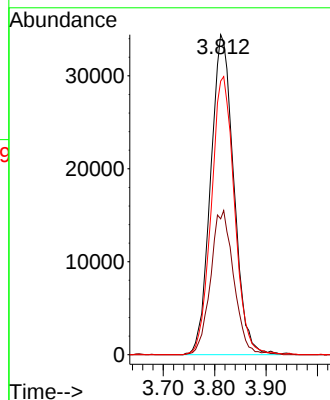
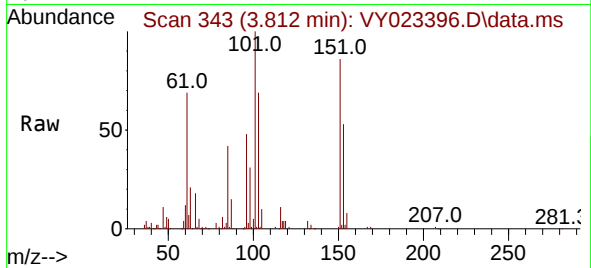




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.596 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY023396.D
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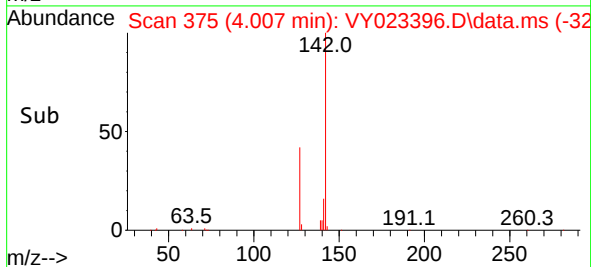
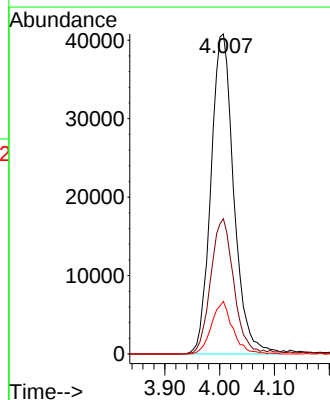
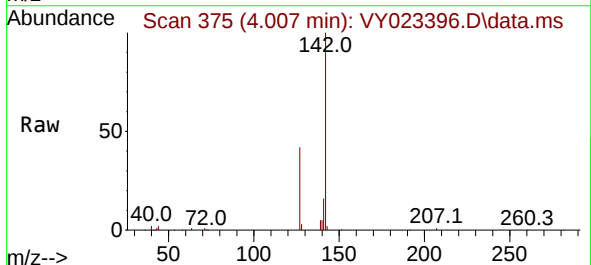
Instrument :
MSVOA_Y
ClientSampleId :

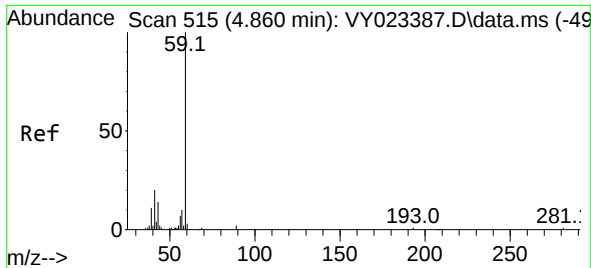
Tgt Ion:101 Resp: 107683
Ion Ratio Lower Upper
101 100
85 45.1 34.6 51.8
151 87.0 67.0 100.6



#10
Methyl Iodide
Concen: 20.303 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion:142 Resp: 118169
Ion Ratio Lower Upper
142 100
127 43.3 34.8 52.2
141 15.2 11.6 17.4

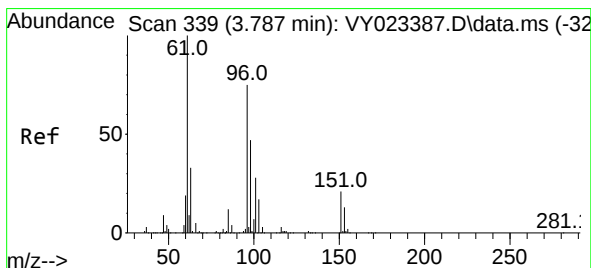
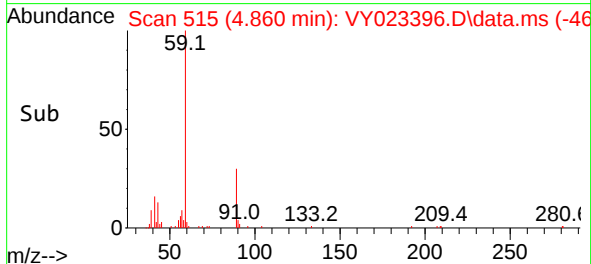
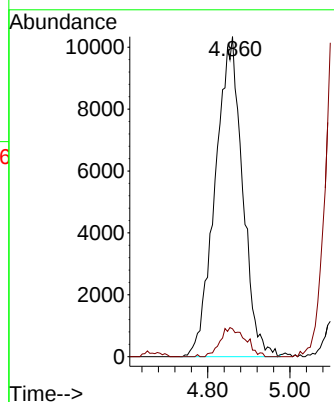
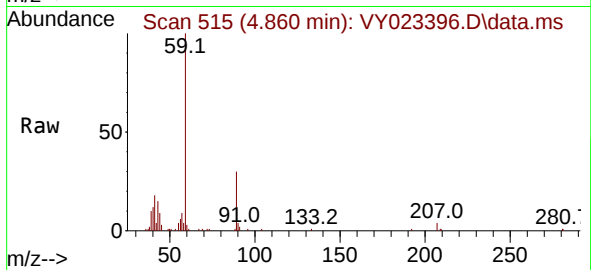




#11
Tert butyl alcohol
Concen: 135.154 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

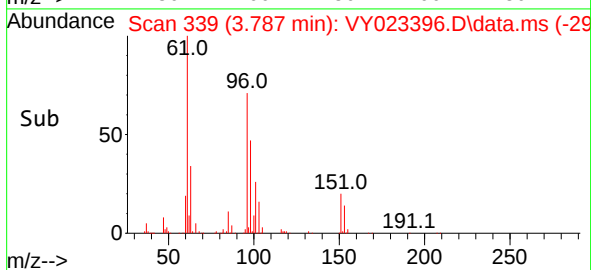
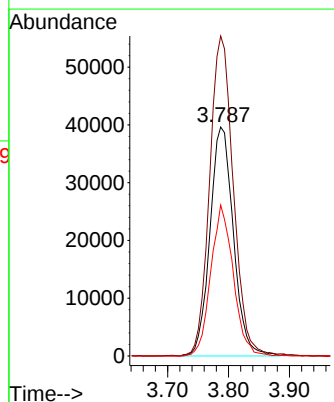
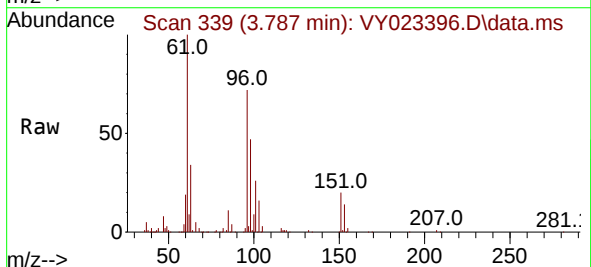
Instrument :
MSVOA_Y
ClientSampleId :

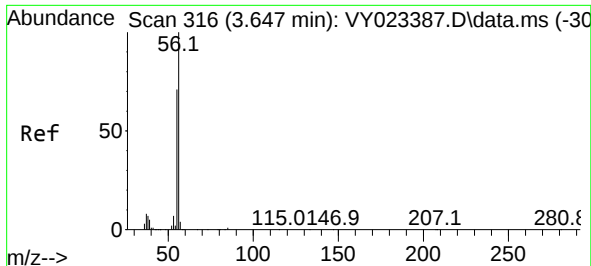
Tgt Ion: 59 Resp: 47771
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.957 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

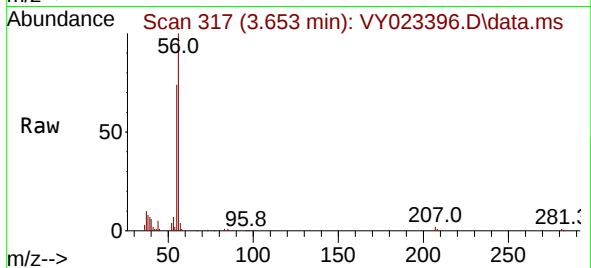
Tgt Ion: 96 Resp: 106212
Ion Ratio Lower Upper
96 100
61 139.8 106.7 160.1
98 65.9 50.2 75.4



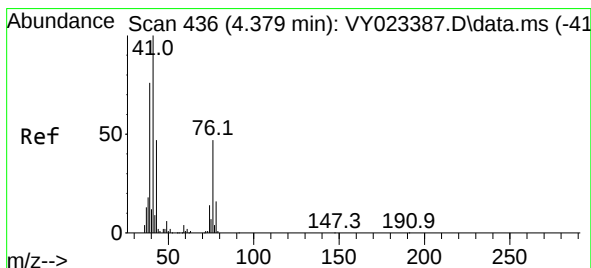
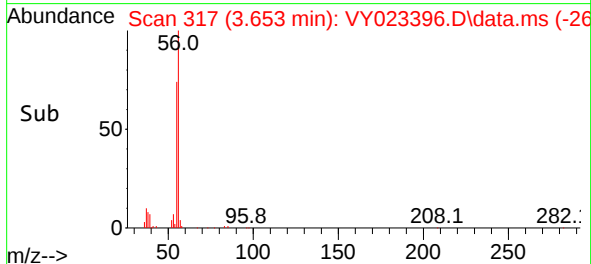
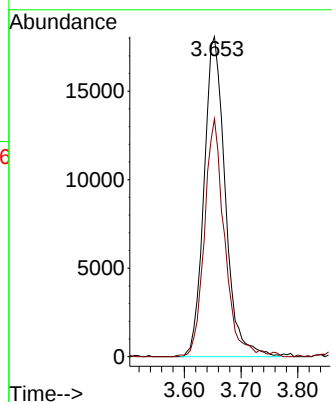


#13
Acrolein
Concen: 94.173 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Instrument :
MSVOA_Y
ClientSampleId :

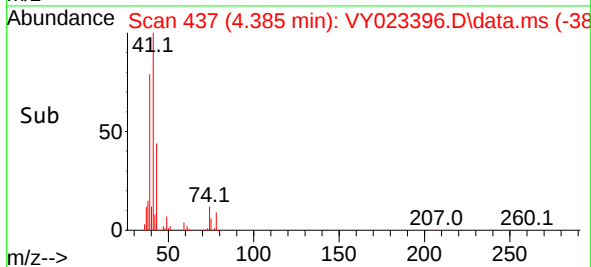
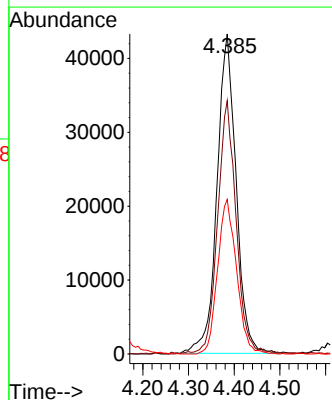
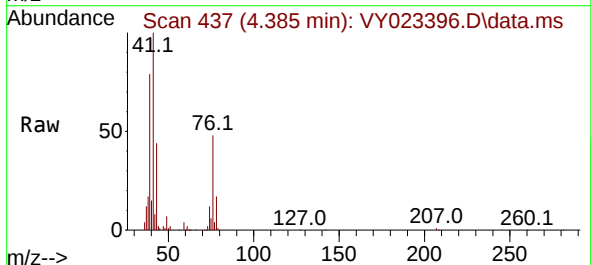


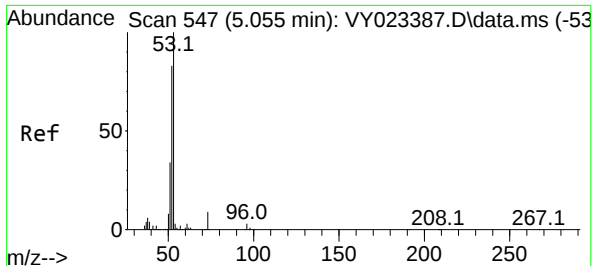
Tgt Ion: 56 Resp: 47034
Ion Ratio Lower Upper
56 100
55 70.6 56.1 84.1



#14
Allyl chloride
Concen: 20.373 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

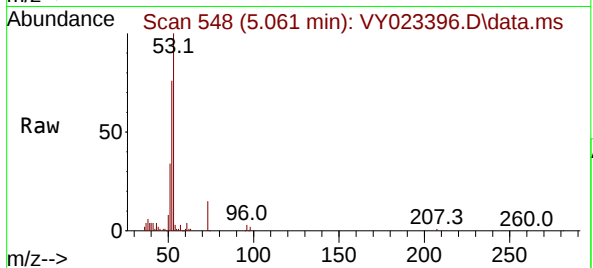
Tgt Ion: 41 Resp: 125840
Ion Ratio Lower Upper
41 100
39 77.0 59.9 89.9
76 48.0 38.0 57.0



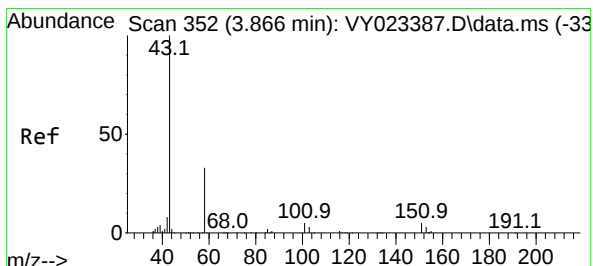
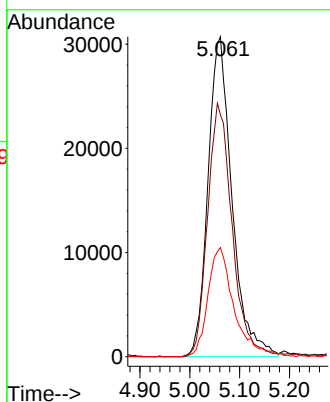
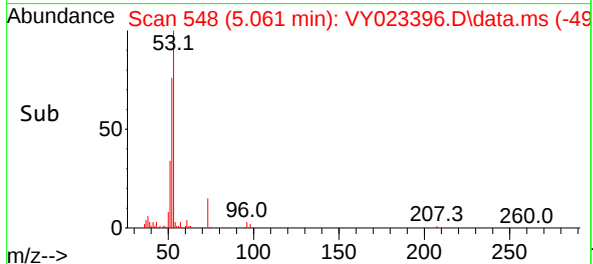


#15
Acrylonitrile
Concen: 102.106 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Instrument :
MSVOA_Y
ClientSampleId :

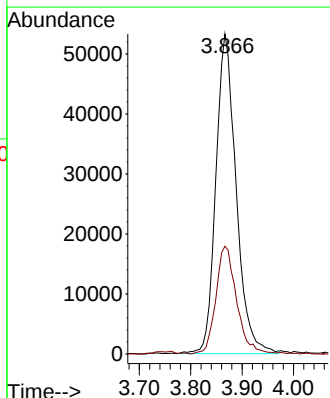
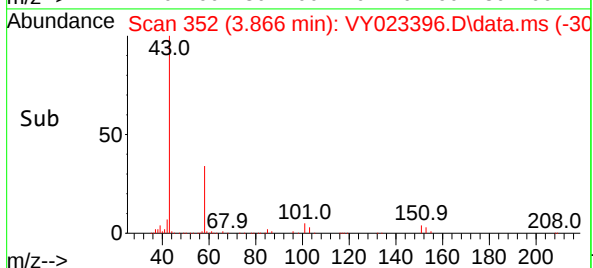
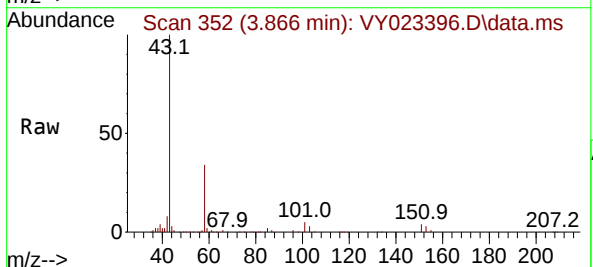


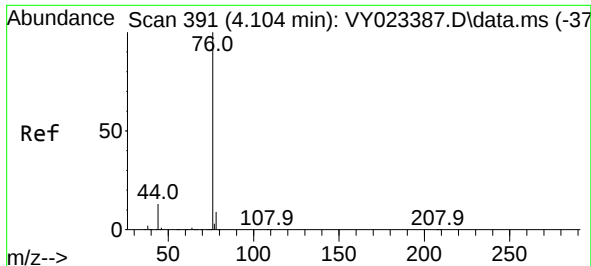
Tgt Ion: 53 Resp: 102875
Ion Ratio Lower Upper
53 100
52 80.6 64.6 97.0
51 37.1 29.5 44.3



#16
Acetone
Concen: 129.059 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 43 Resp: 145978
Ion Ratio Lower Upper
43 100
58 33.5 27.7 41.5

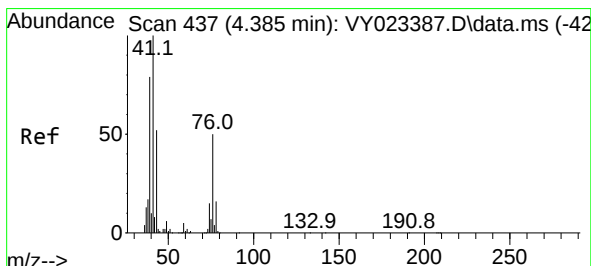
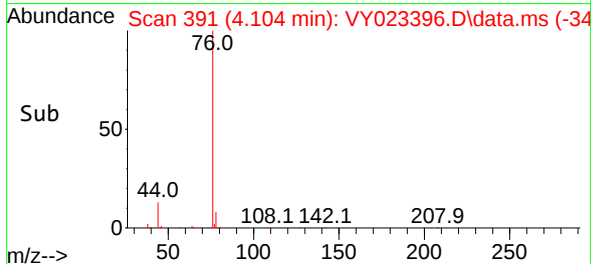
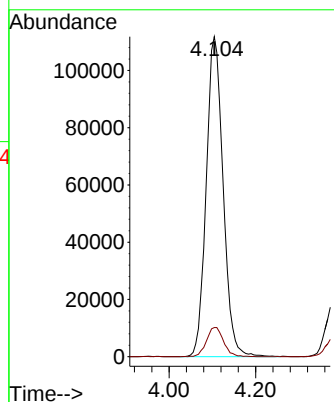
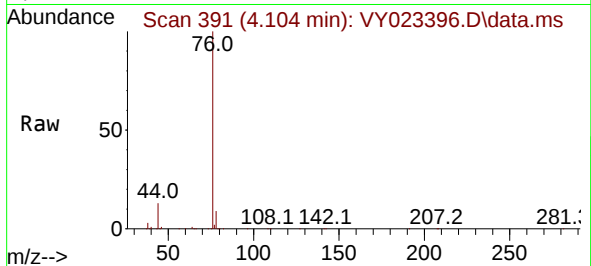




#17
Carbon Disulfide
Concen: 20.878 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

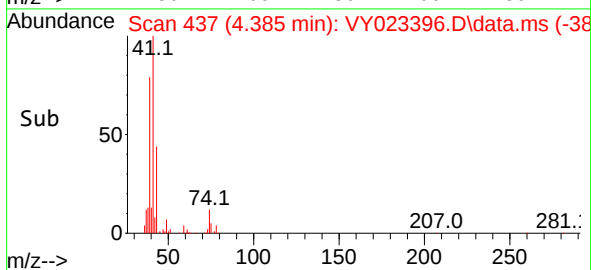
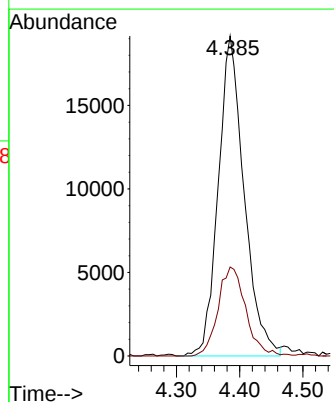
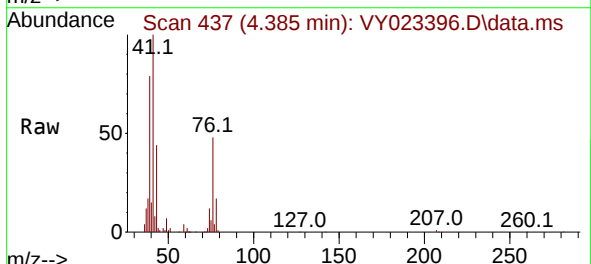
Instrument :
MSVOA_Y
ClientSampleId :

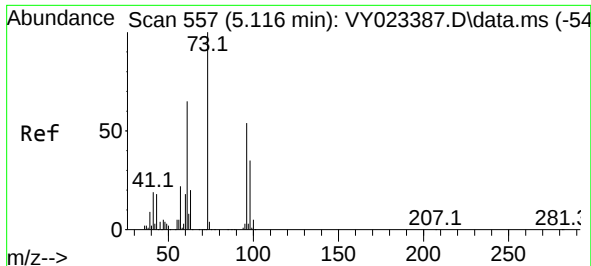
Tgt Ion: 76 Resp: 302846
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 18.308 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 43 Resp: 54322
Ion Ratio Lower Upper
43 100
74 29.8 24.2 36.4

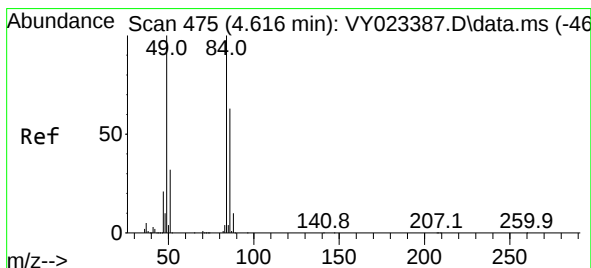
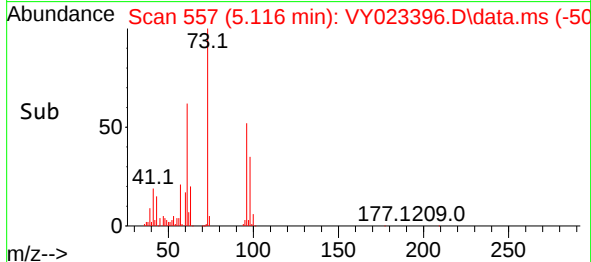
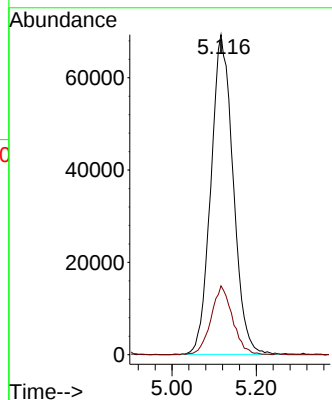
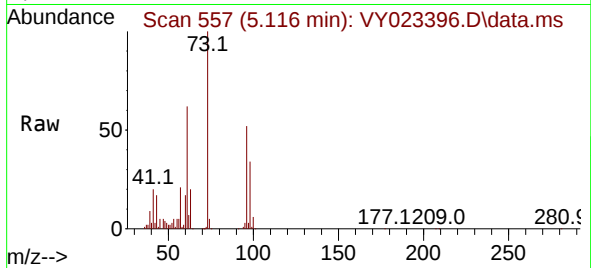




#19
Methyl tert-butyl Ether
Concen: 20.835 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

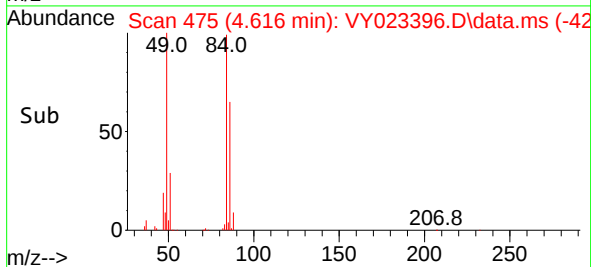
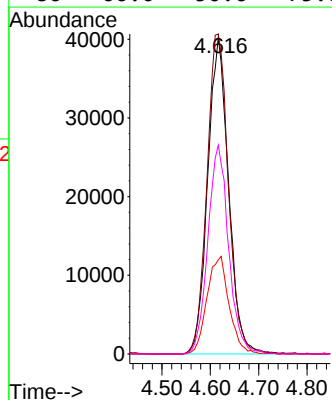
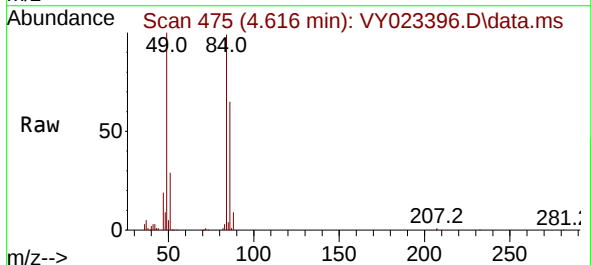
Instrument :
MSVOA_Y
ClientSampleId :

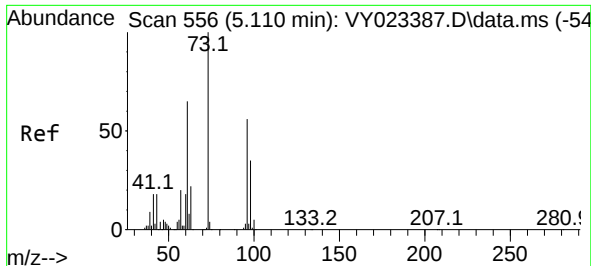
Tgt Ion: 73 Resp: 253795
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 19.712 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 84 Resp: 120566
Ion Ratio Lower Upper
84 100
49 101.2 80.2 120.4
51 29.7 25.9 38.9
86 66.0 50.6 75.8

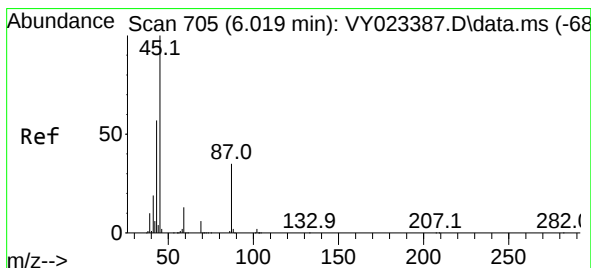
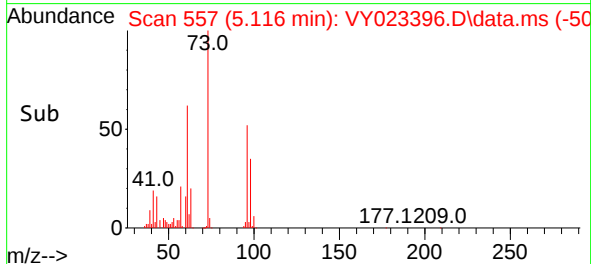
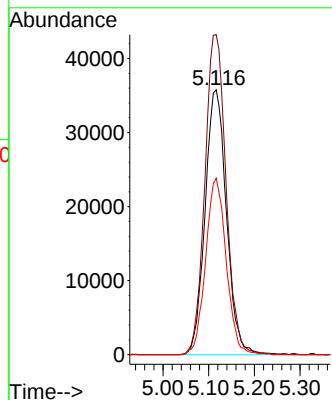
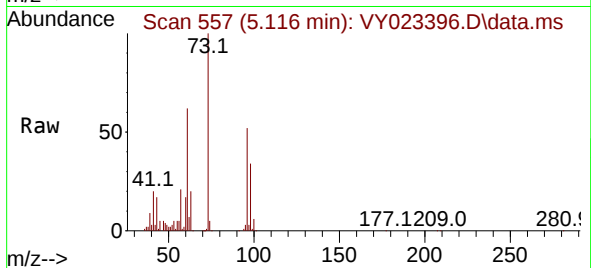




#21
trans-1,2-Dichloroethene
Concen: 20.847 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

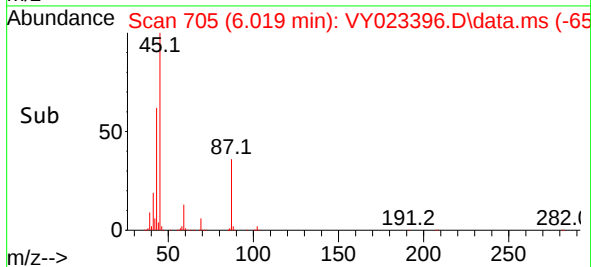
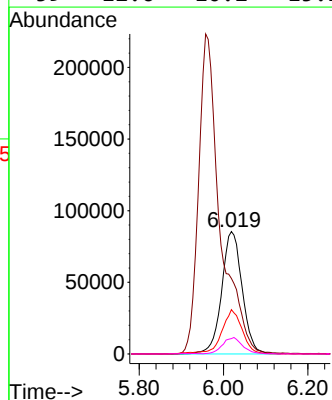
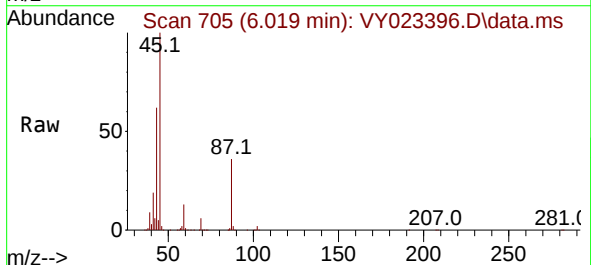
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 116325
Ion Ratio Lower Upper
96 100
61 120.7 92.7 139.1
98 66.6 49.7 74.5



#22
Diisopropyl ether
Concen: 21.063 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 45 Resp: 287776
Ion Ratio Lower Upper
45 100
43 61.2 45.6 68.4
87 36.2 28.1 42.1
59 12.6 10.2 15.2

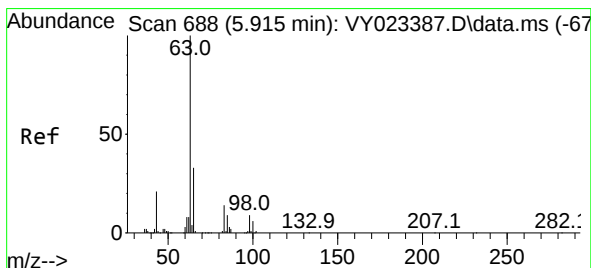
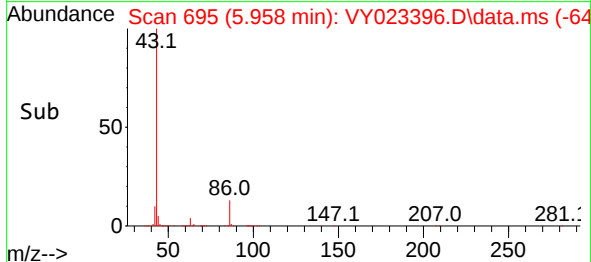
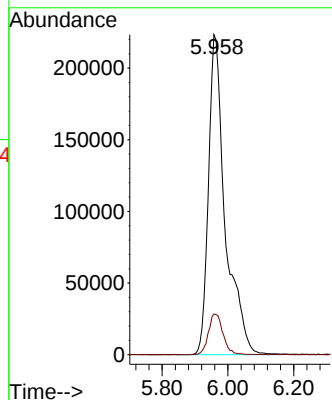
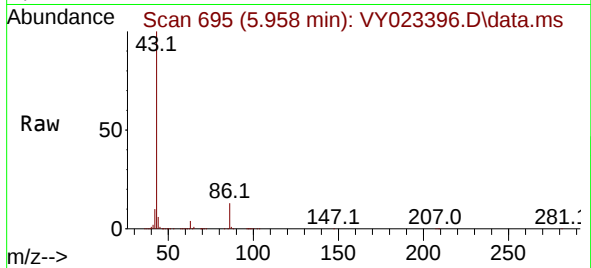




#23
 Vinyl Acetate
 Concen: 107.281 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY023396.D
 Acq: 08 Oct 2025 10:21

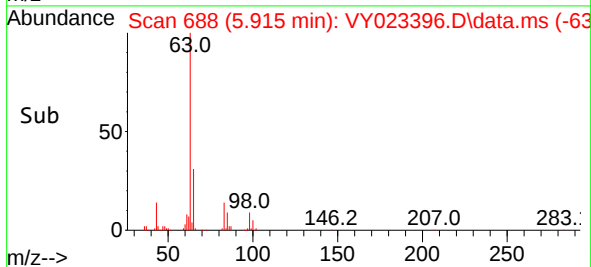
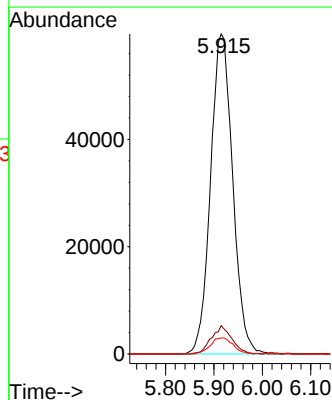
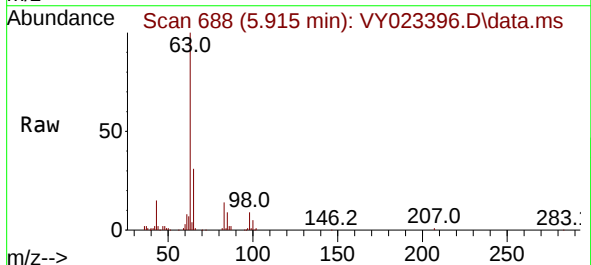
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 793378
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.990 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023396.D
 Acq: 08 Oct 2025 10:21

Tgt Ion: 63 Resp: 189963
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.3 13.1
 100 5.0 2.8 8.4





#25

2-Butanone

Concen: 118.145 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

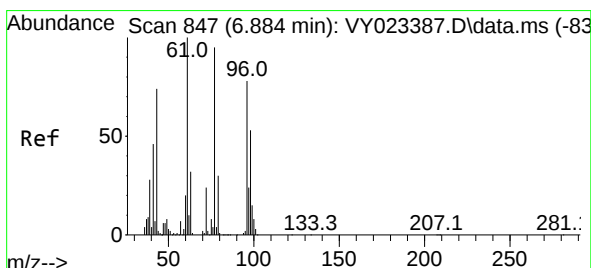
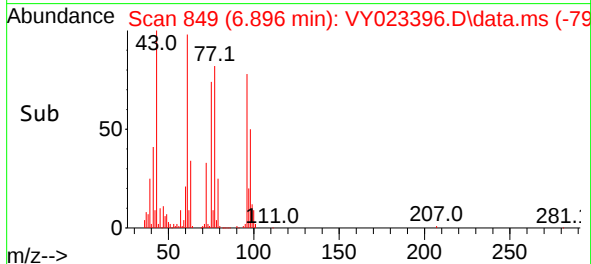
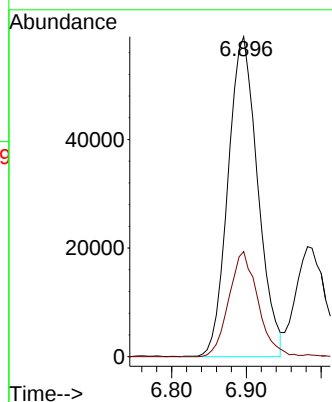
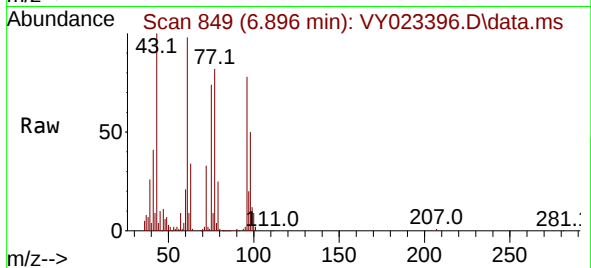
ClientSampleId :

Tgt Ion: 43 Resp: 163145

Ion Ratio Lower Upper

43 100

72 32.9 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.532 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023396.D

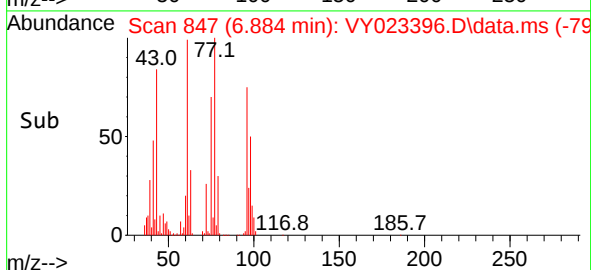
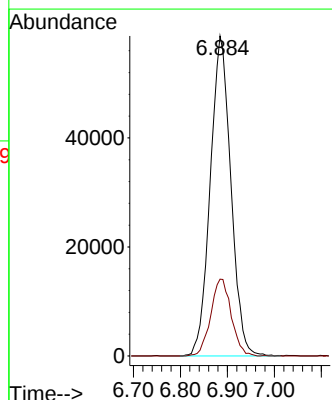
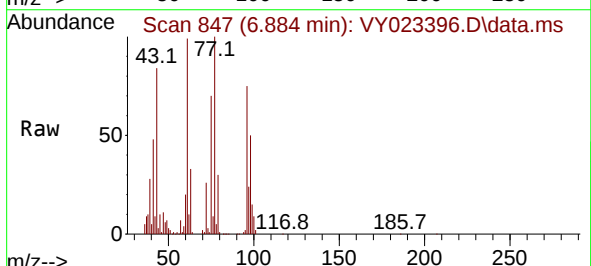
Acq: 08 Oct 2025 10:21

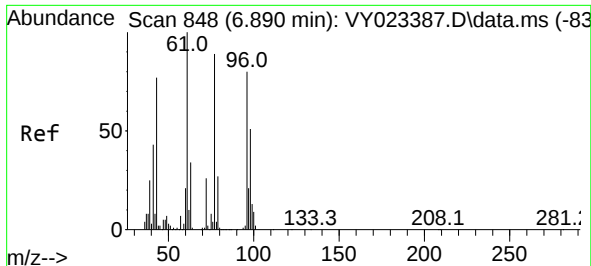
Tgt Ion: 77 Resp: 178811

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 21.217 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

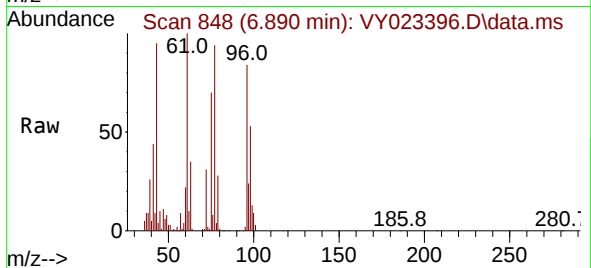
Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :



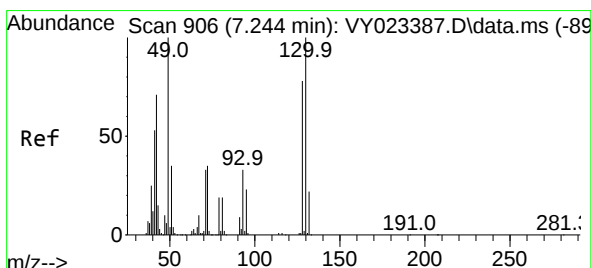
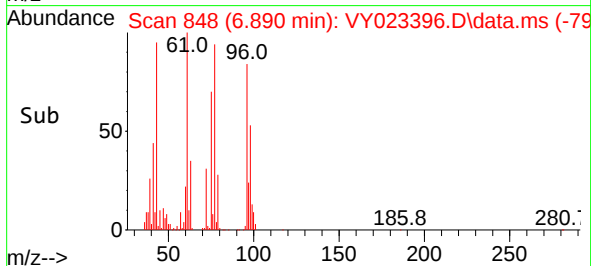
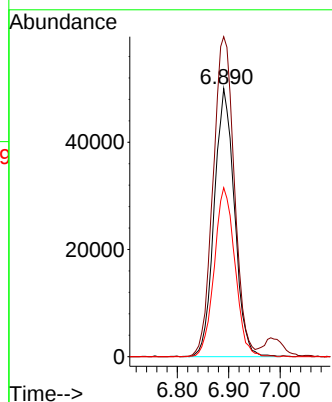
Tgt Ion: 96 Resp: 136755

Ion Ratio Lower Upper

96 100

61 125.6 0.0 258.2

98 64.4 0.0 132.0



#28

Bromochloromethane

Concen: 20.973 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

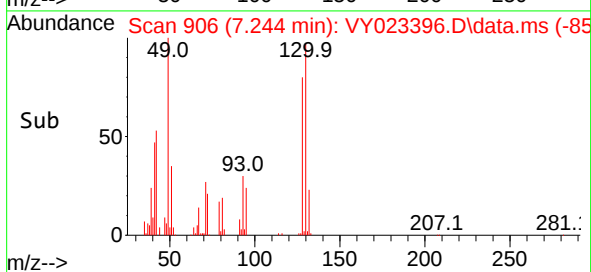
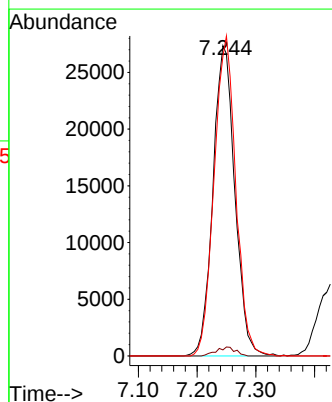
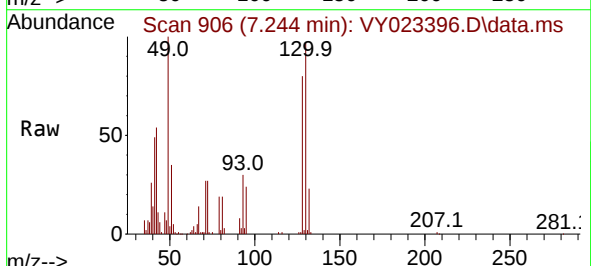
Tgt Ion: 49 Resp: 70861

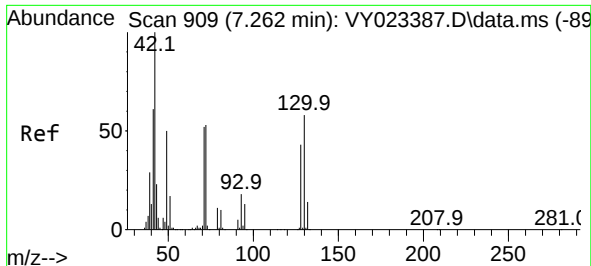
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.6

130 102.1 81.9 122.9





#29

Tetrahydrofuran

Concen: 99.269 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

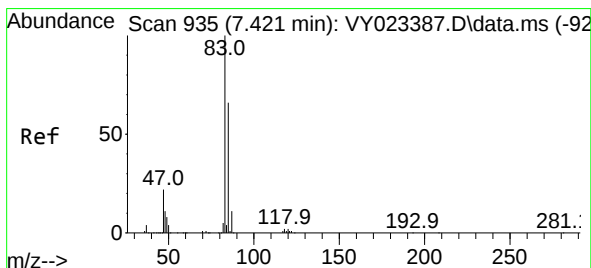
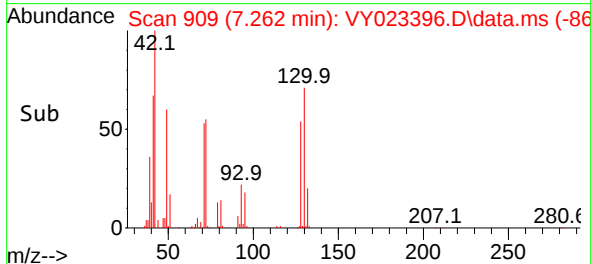
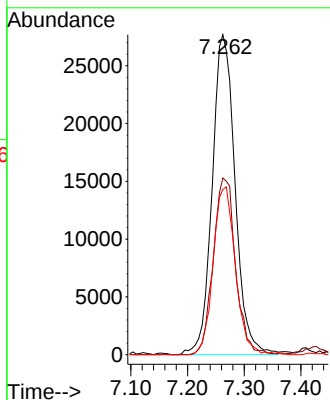
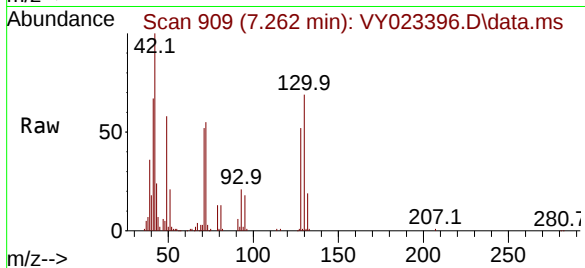
Tgt Ion: 42 Resp: 77733

Ion Ratio Lower Upper

42 100

72 53.8 43.0 64.6

71 51.1 40.1 60.1



#30

Chloroform

Concen: 20.891 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023396.D

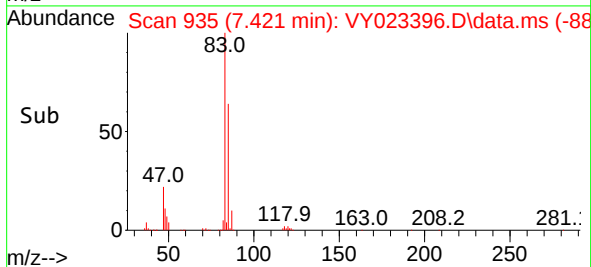
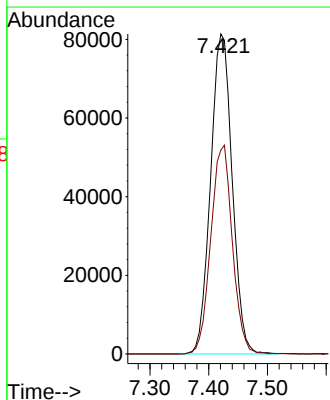
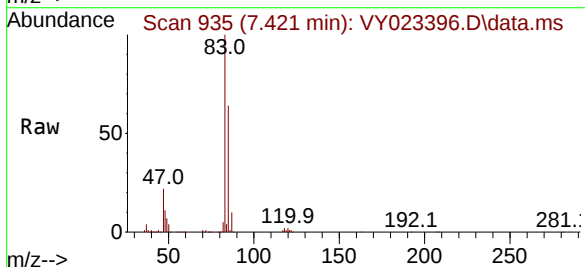
Acq: 08 Oct 2025 10:21

Tgt Ion: 83 Resp: 207727

Ion Ratio Lower Upper

83 100

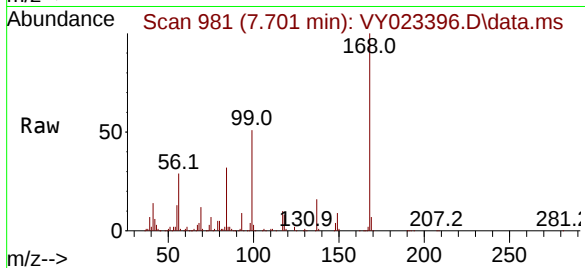
85 63.8 52.5 78.7



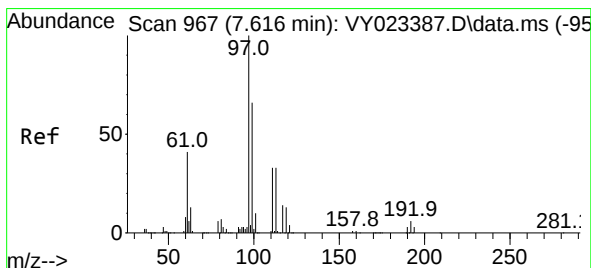
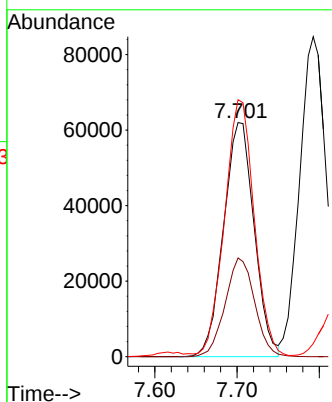
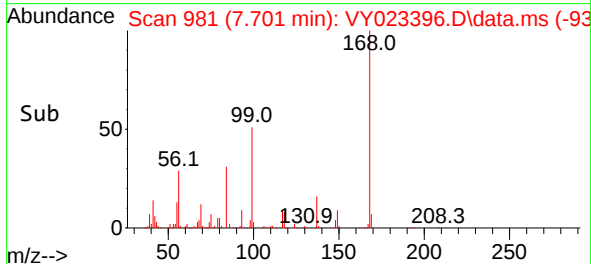


#31
Cyclohexane
Concen: 20.357 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

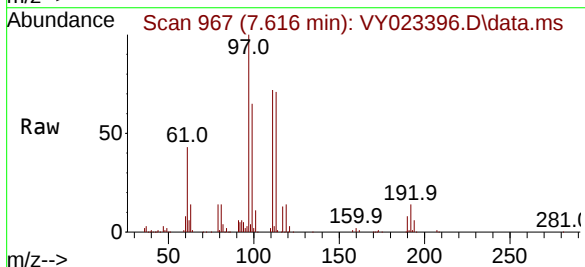
Instrument :
MSVOA_Y
ClientSampleId :



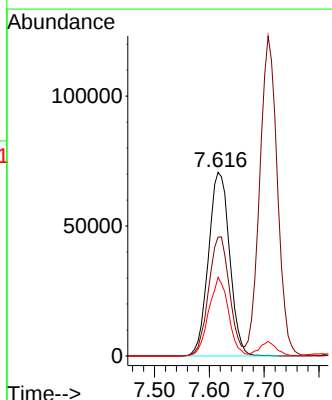
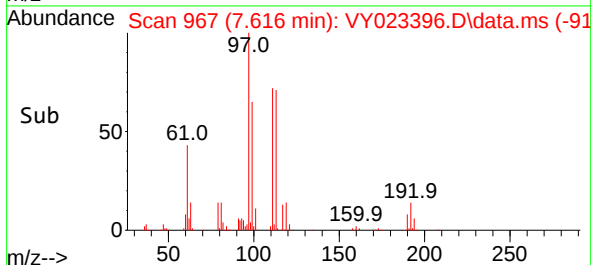
Tgt Ion: 56 Resp: 160896
Ion Ratio Lower Upper
56 100
69 42.1 30.0 45.0
84 107.9 81.2 121.8

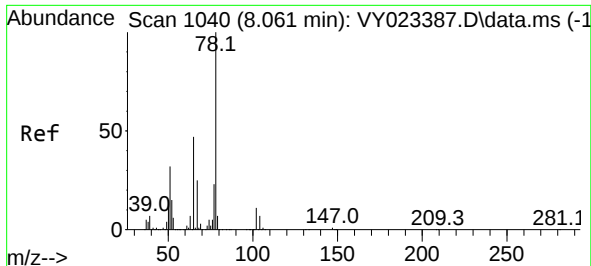


#32
1,1,1-Trichloroethane
Concen: 20.950 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21



Tgt Ion: 97 Resp: 189309
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 40.0 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.413 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

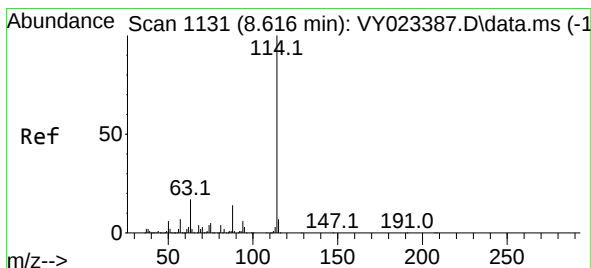
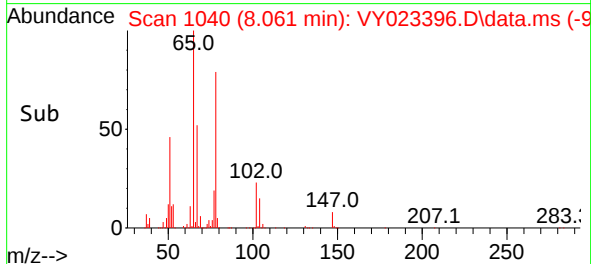
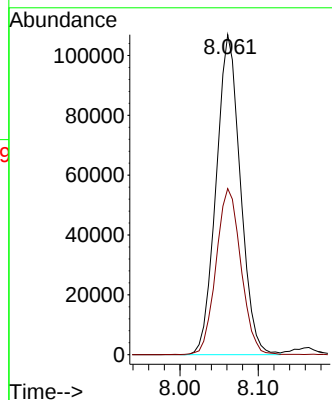
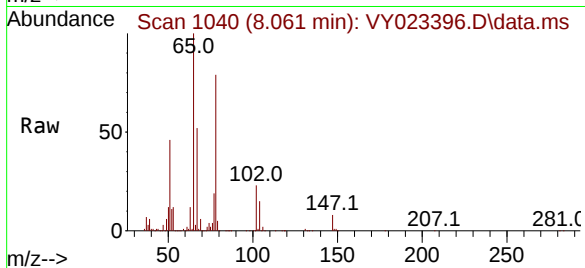
ClientSampleId :

Tgt Ion: 65 Resp: 230014

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

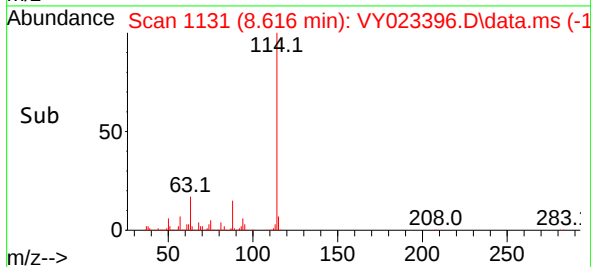
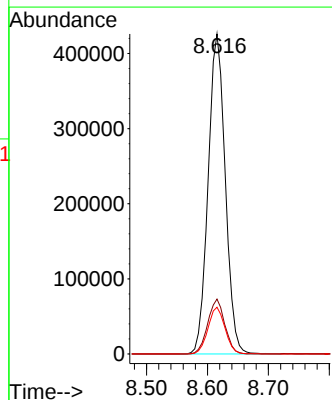
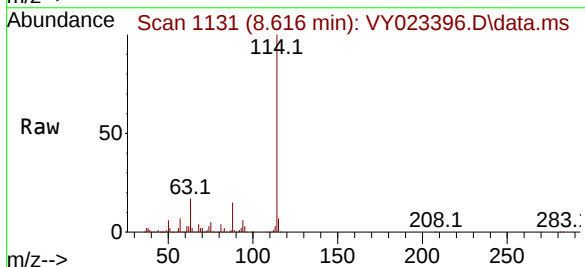
Tgt Ion: 114 Resp: 832948

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 14.6 0.0 28.4

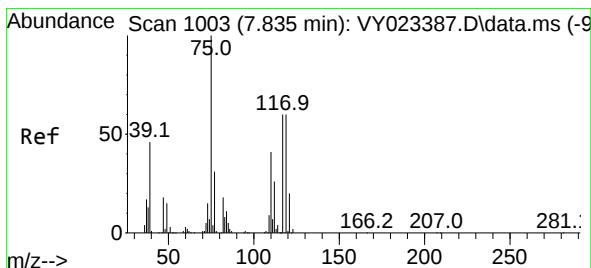
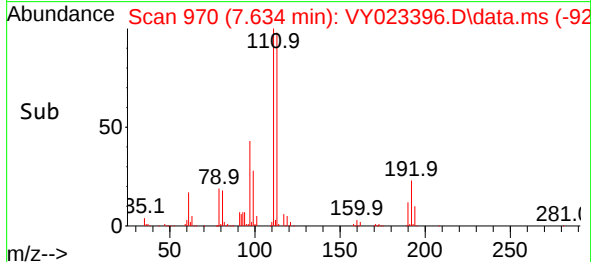
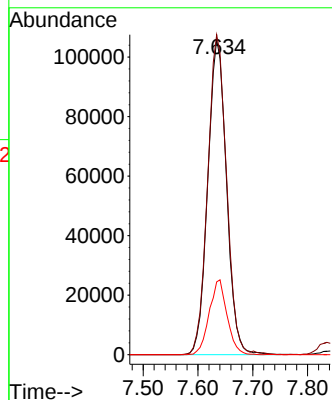
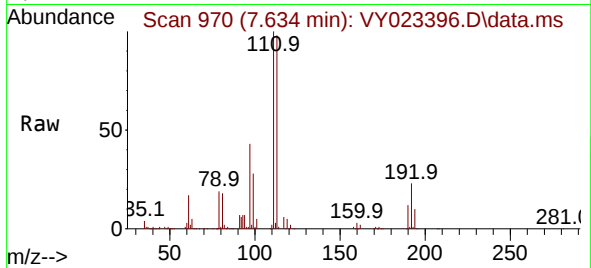




#35
Dibromofluoromethane
Concen: 48.947 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

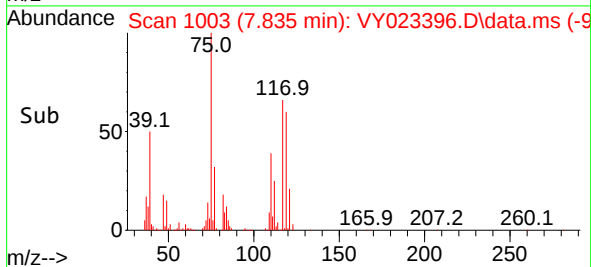
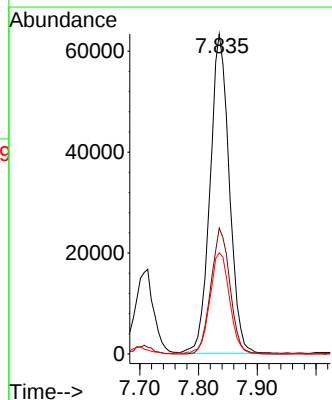
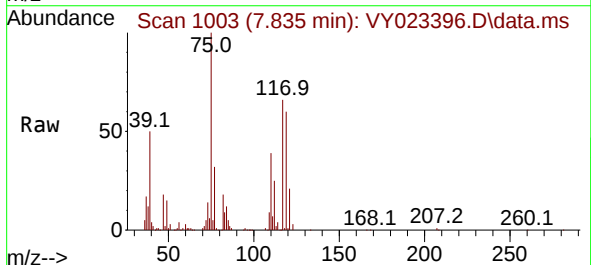
Instrument :
MSVOA_Y
ClientSampleId :

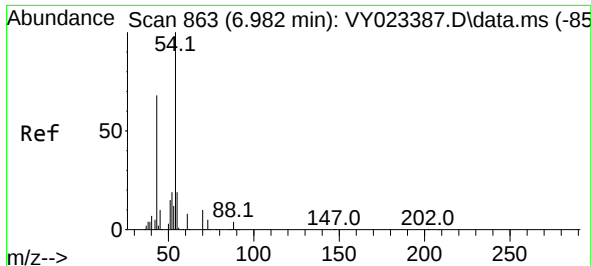
Tgt Ion:113 Resp: 250512
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.231 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 75 Resp: 143855
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.7
77 32.8 25.0 37.6





#37

Ethyl Acetate

Concen: 21.350 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

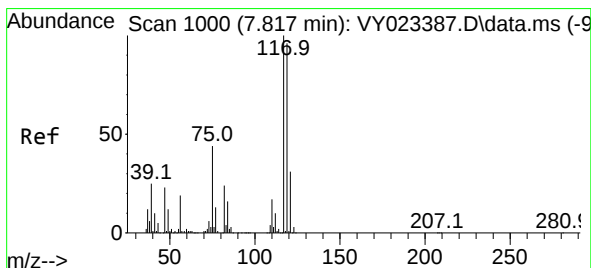
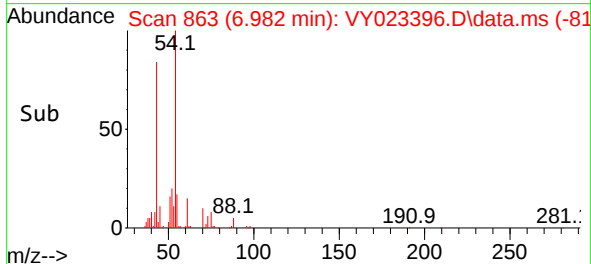
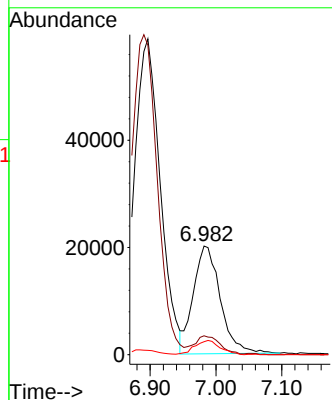
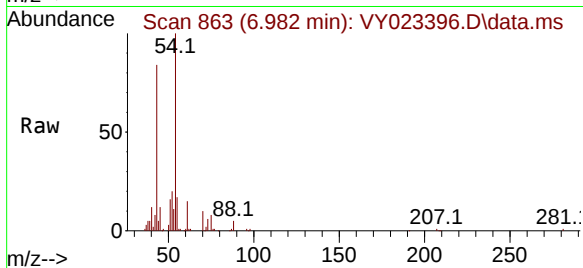
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 57311

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.8
70	12.3	10.5	15.7



#38

Carbon Tetrachloride

Concen: 21.280 ug/l

RT: 7.817 min Scan# 1000

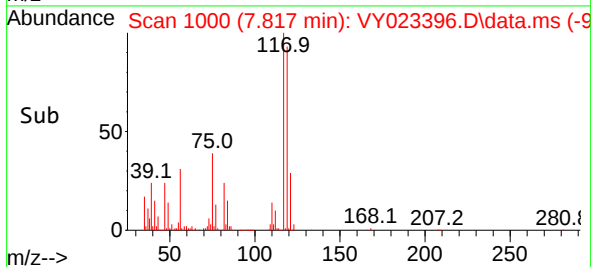
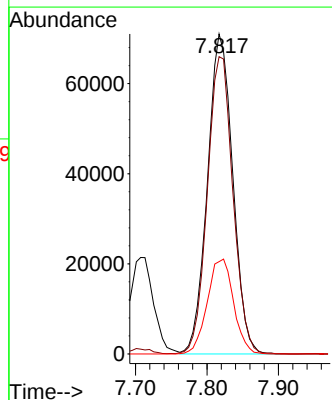
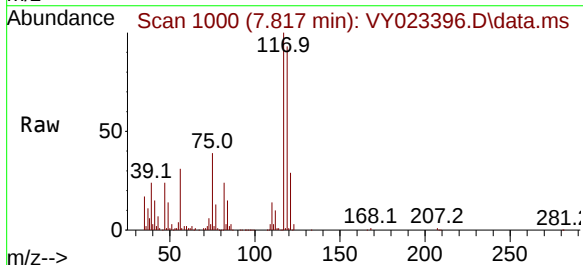
Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Tgt Ion: 117 Resp: 174840

Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.8	115.2
121	28.9	24.5	36.7





#39

Methylcyclohexane

Concen: 20.775 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

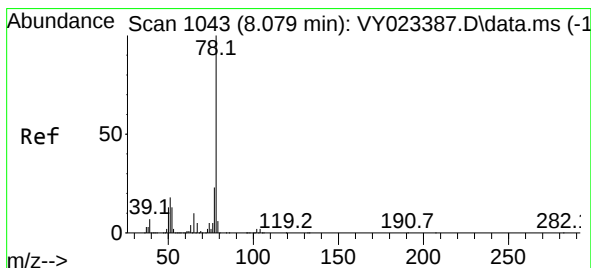
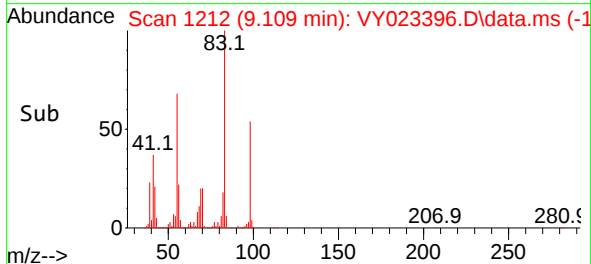
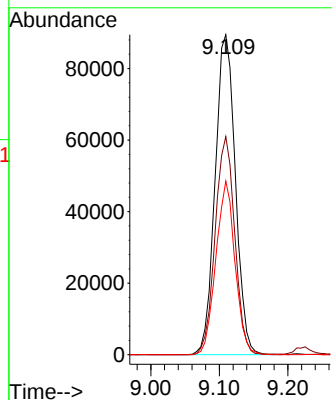
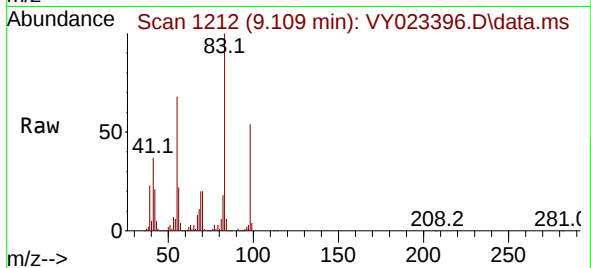
Tgt Ion: 83 Resp: 183285

Ion	Ratio	Lower	Upper
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83	100		
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55	68.2	51.4	77.2
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98	54.3	40.4	60.6
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#40

Benzene

Concen: 21.095 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023396.D

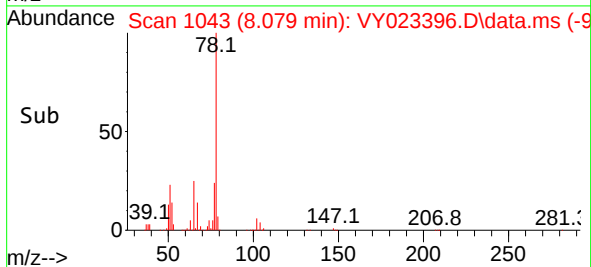
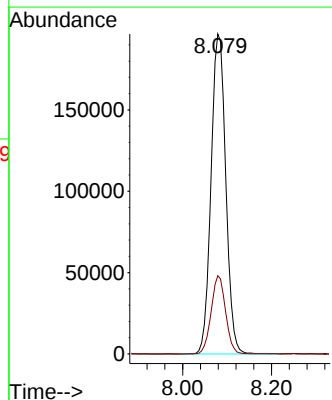
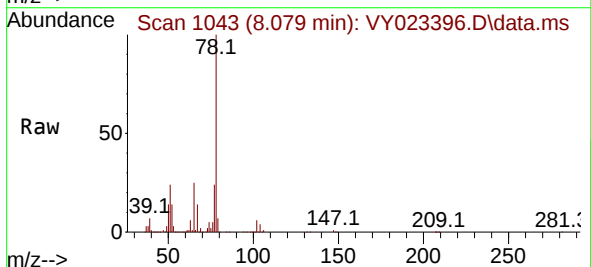
Acq: 08 Oct 2025 10:21

Tgt Ion: 78 Resp: 452659

Ion	Ratio	Lower	Upper
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78	100		
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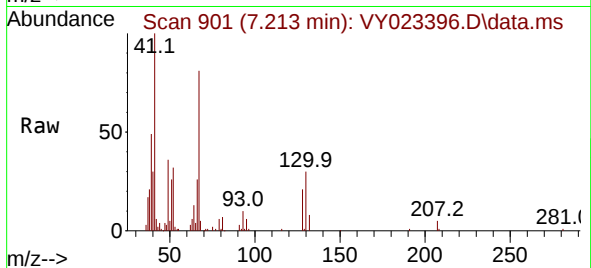
77	24.4	18.3	27.5
----	------	------	------



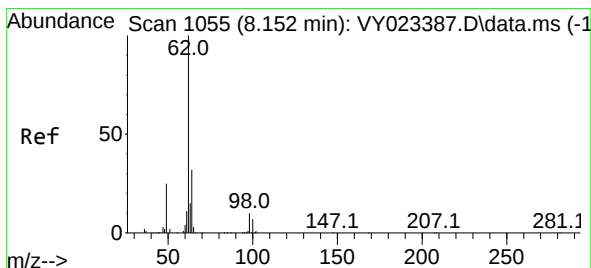
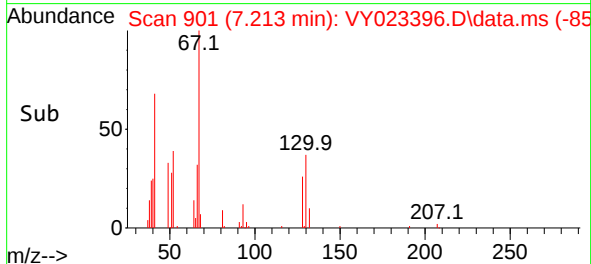
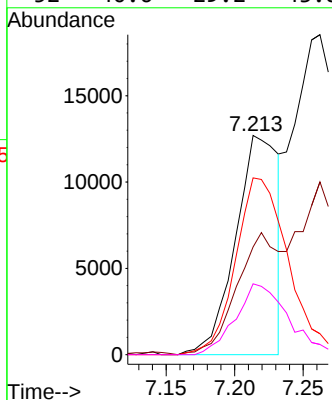


#41
Methacrylonitrile
Concen: 18.864 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Instrument :
MSVOA_Y
ClientSampleId :

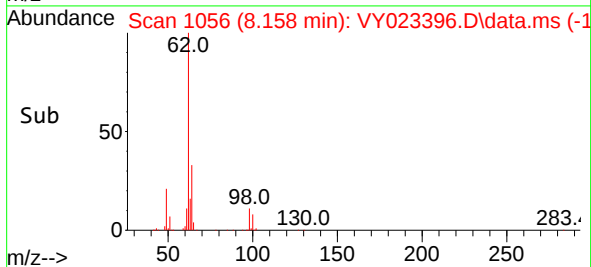
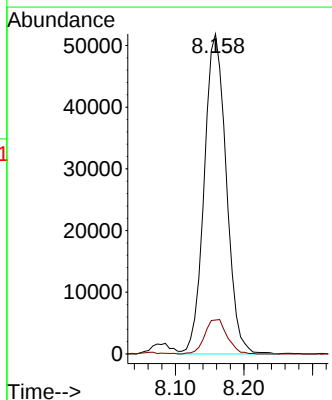
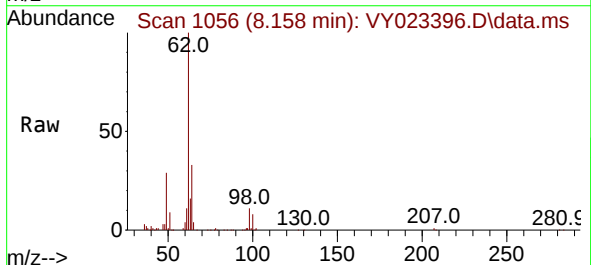


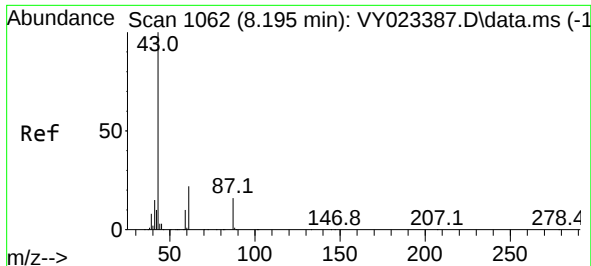
Tgt Ion:	41	Resp:	27387
Ion	Ratio	Lower	Upper
41	100		
39	53.1	52.2	78.4
67	101.2	74.9	112.3
52	40.6	29.2	43.8



#42
1,2-Dichloroethane
Concen: 20.996 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion:	62	Resp:	116197
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.6

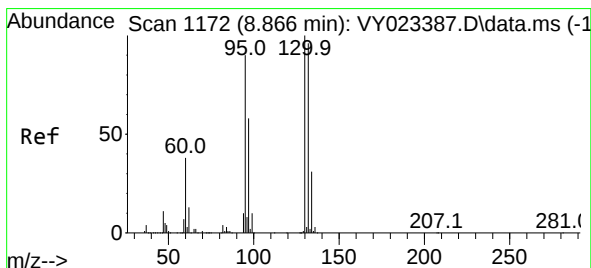
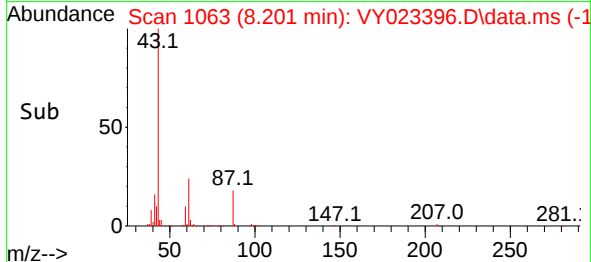
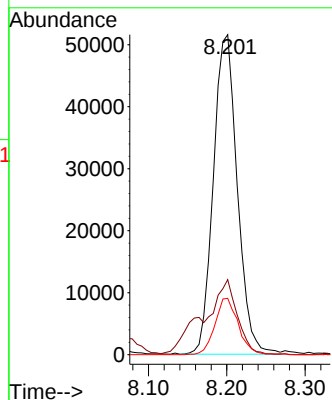
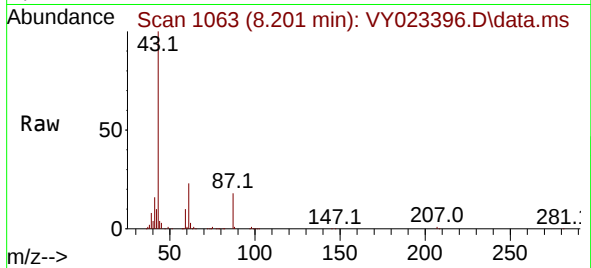




#43
Isopropyl Acetate
Concen: 20.473 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

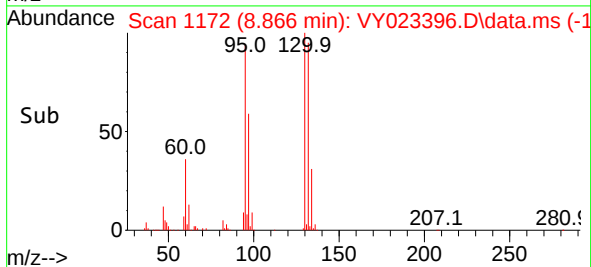
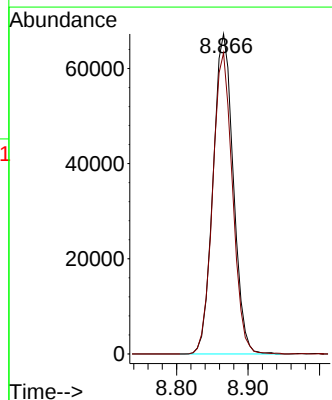
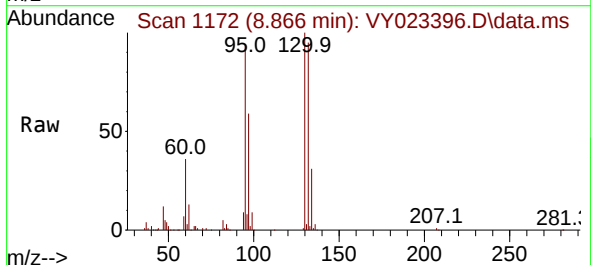
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 109588
Ion Ratio Lower Upper
43 100
61 23.3 18.1 27.1
87 17.3 13.5 20.3



#44
Trichloroethene
Concen: 21.016 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion:130 Resp: 131994
Ion Ratio Lower Upper
130 100
95 94.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.223 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

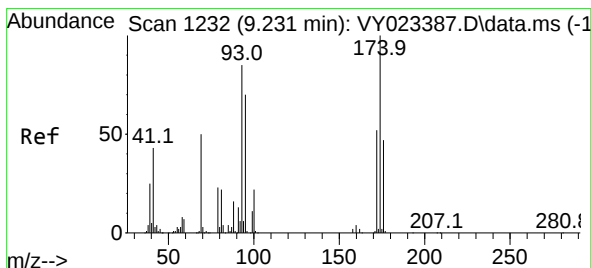
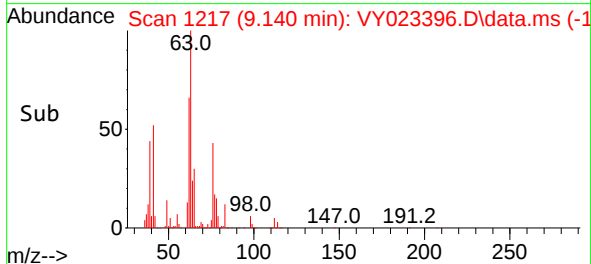
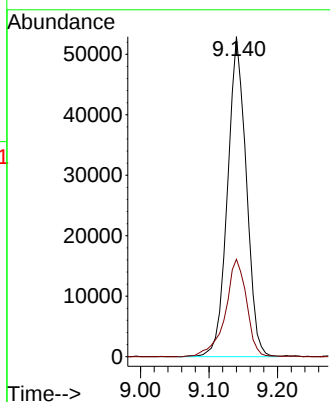
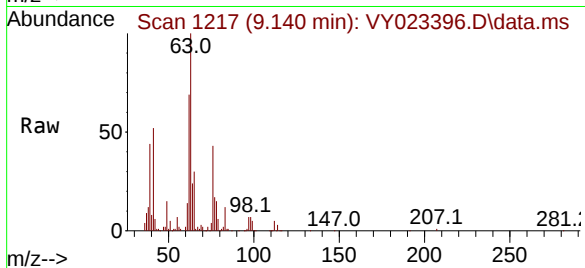
ClientSampleId :

Tgt Ion: 63 Resp: 100590

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 21.008 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

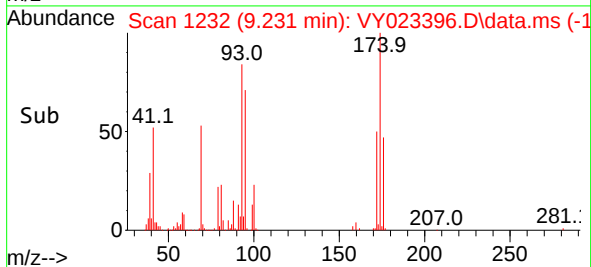
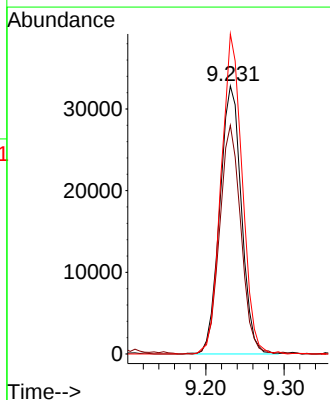
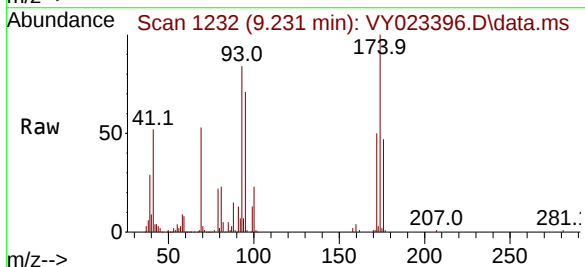
Tgt Ion: 93 Resp: 62961

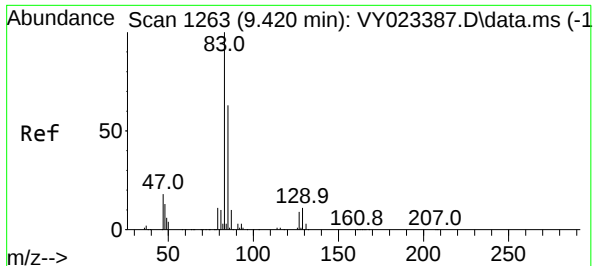
Ion Ratio Lower Upper

93 100

95 83.9 65.4 98.0

174 116.2 92.9 139.3





#47

Bromodichloromethane

Concen: 21.043 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

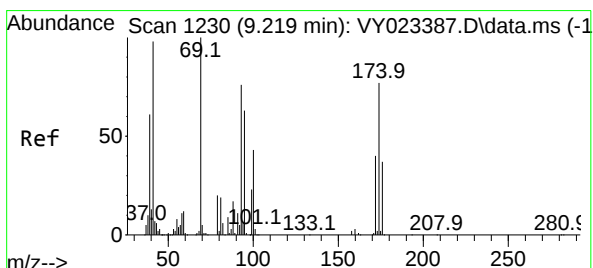
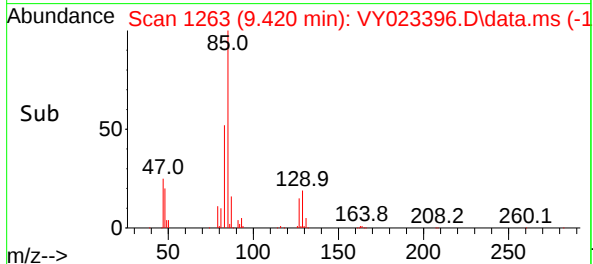
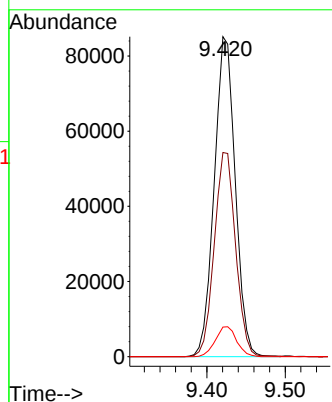
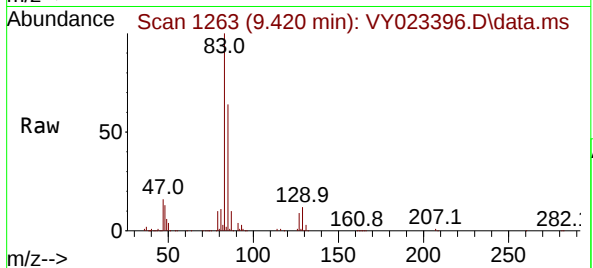
Tgt Ion: 83 Resp: 158836

Ion Ratio Lower Upper

83 100

85 63.8 50.8 76.2

127 9.2 7.4 11.2



#48

Methyl methacrylate

Concen: 20.231 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

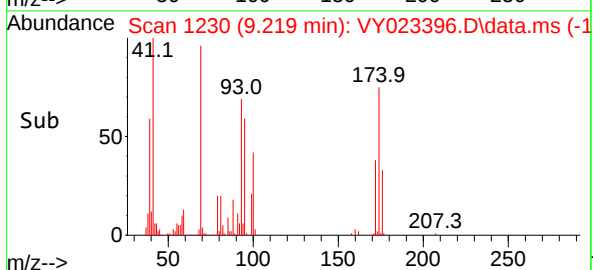
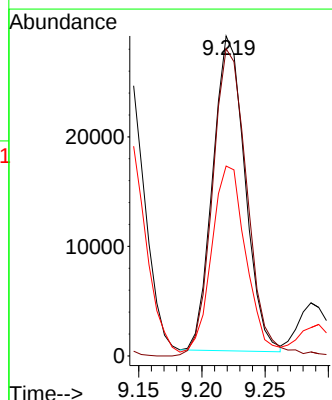
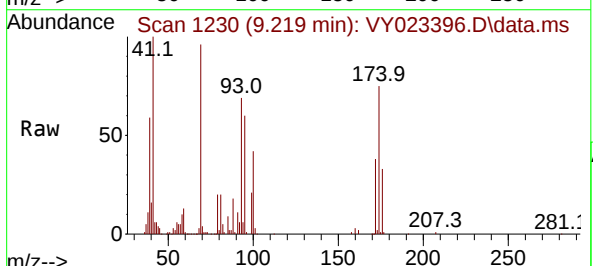
Tgt Ion: 41 Resp: 50875

Ion Ratio Lower Upper

41 100

69 105.0 81.0 121.4

39 62.3 48.2 72.4





#49

1,4-Dioxane

Concen: 403.417 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

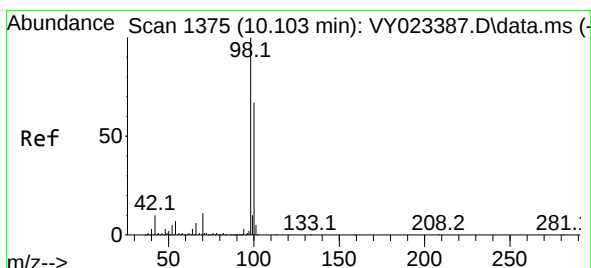
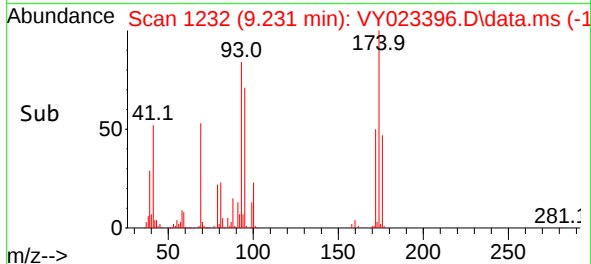
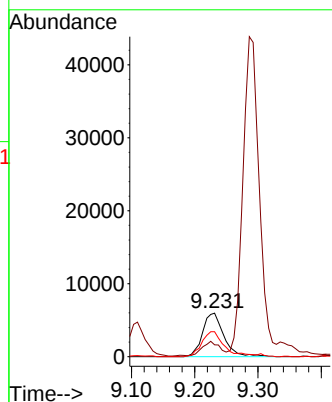
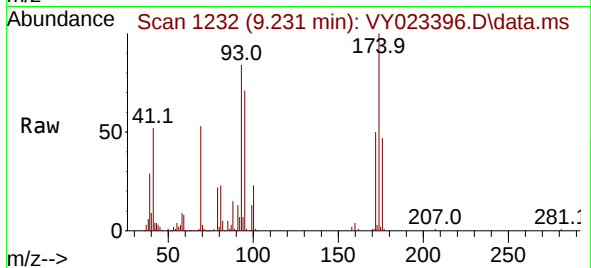
Tgt Ion: 88 Resp: 14018

Ion Ratio Lower Upper

88 100

43 26.0 21.8 32.8

58 60.7 46.8 70.2



#50

Toluene-d8

Concen: 49.564 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023396.D

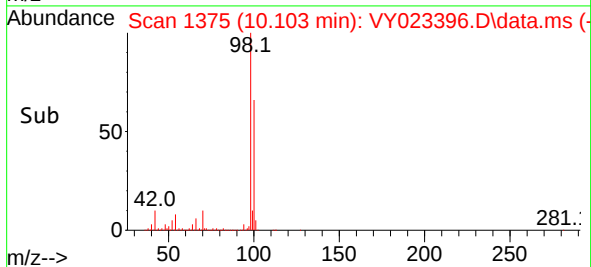
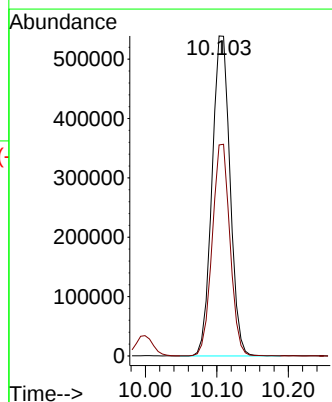
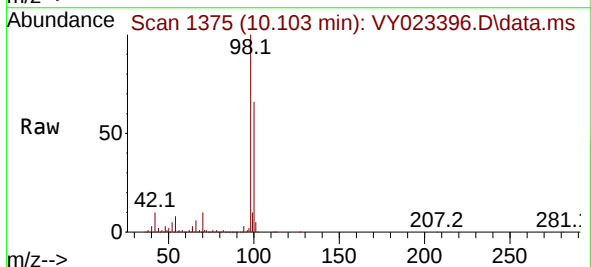
Acq: 08 Oct 2025 10:21

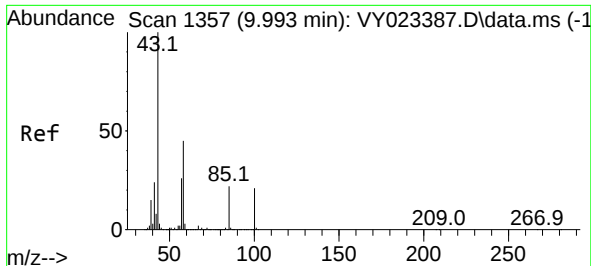
Tgt Ion: 98 Resp: 944698

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 104.464 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

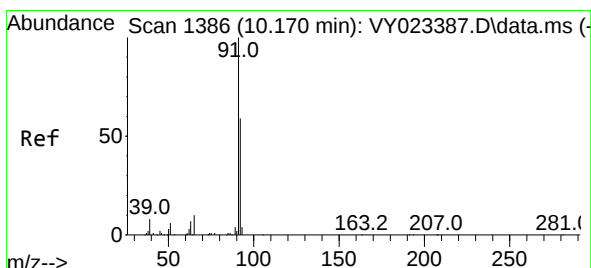
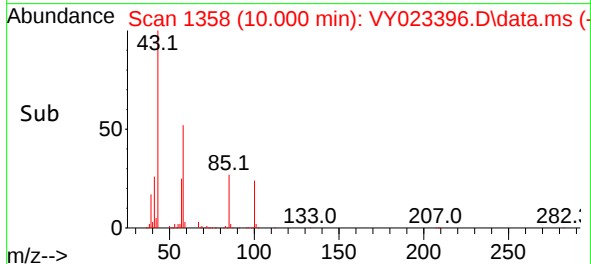
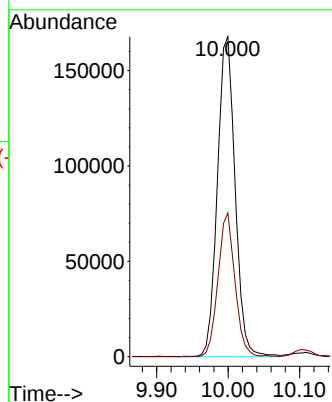
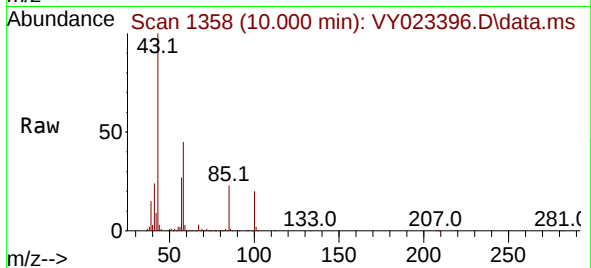
ClientSampleId :

Tgt Ion: 43 Resp: 288902

Ion Ratio Lower Upper

43 100

58 43.1 35.3 52.9



#52

Toluene

Concen: 21.322 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023396.D

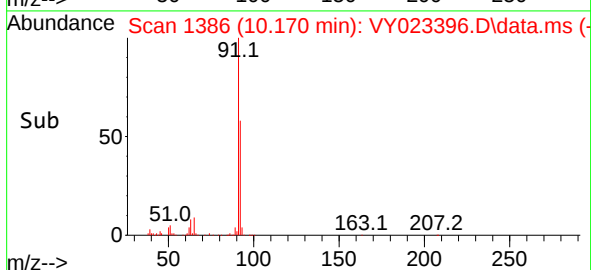
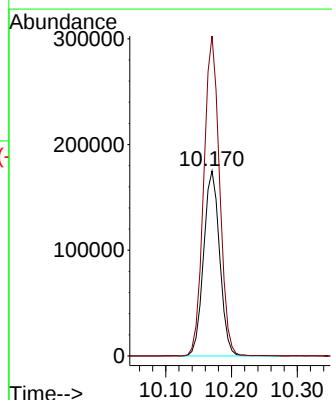
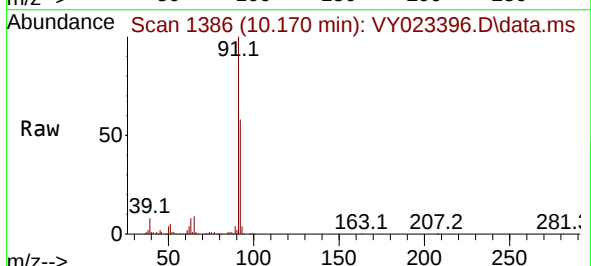
Acq: 08 Oct 2025 10:21

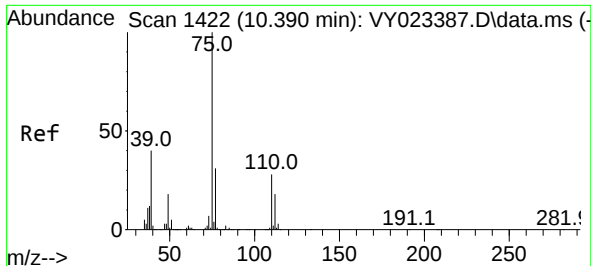
Tgt Ion: 92 Resp: 297073

Ion Ratio Lower Upper

92 100

91 170.2 136.4 204.6

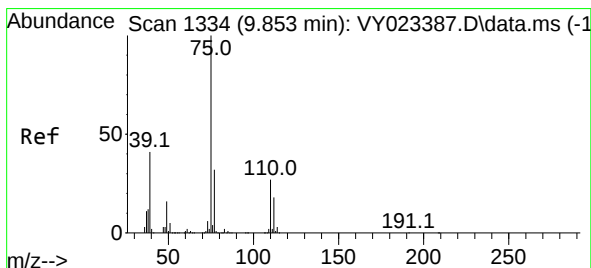
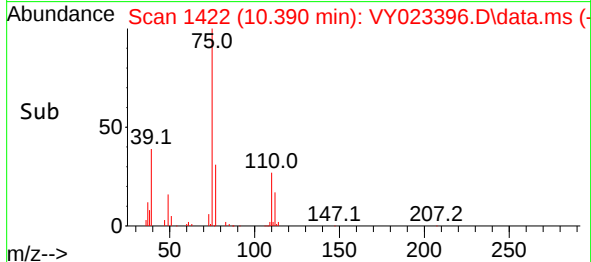
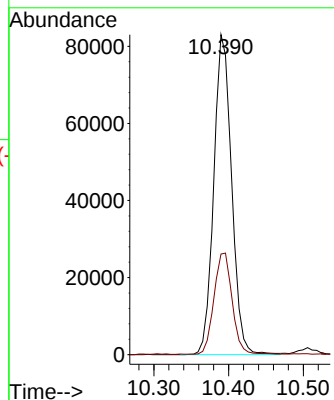
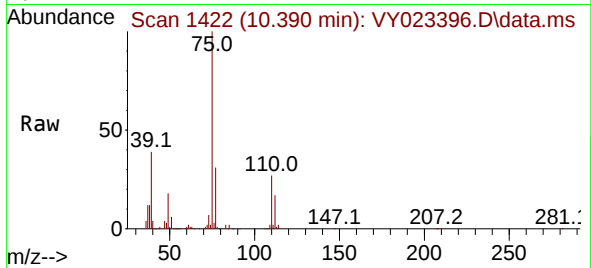




#53
 t-1,3-Dichloropropene
 Concen: 21.062 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023396.D
 Acq: 08 Oct 2025 10:21

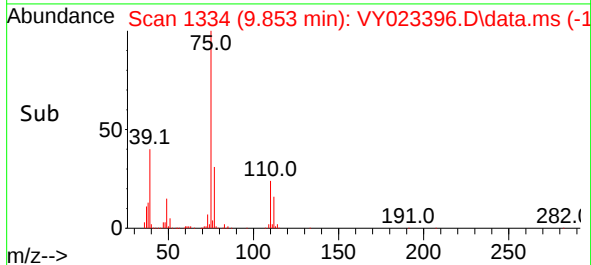
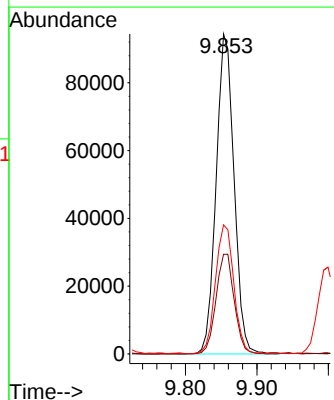
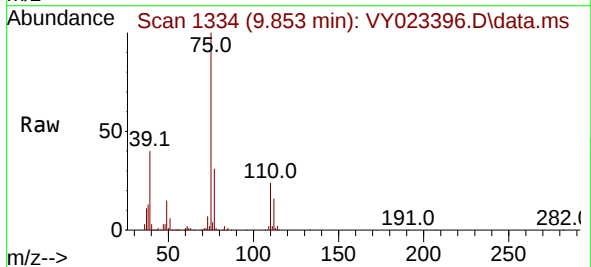
Instrument :
 MSVOA_Y
 ClientSampleId :

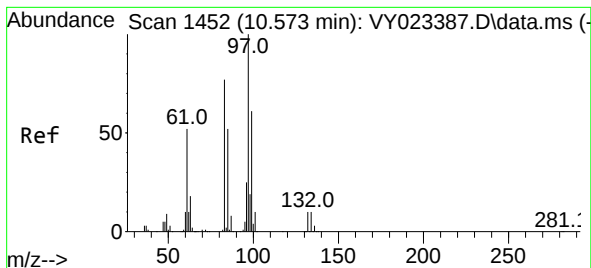
Tgt Ion: 75 Resp: 138234
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.191 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023396.D
 Acq: 08 Oct 2025 10:21

Tgt Ion: 75 Resp: 164147
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 40.2 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 21.185 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

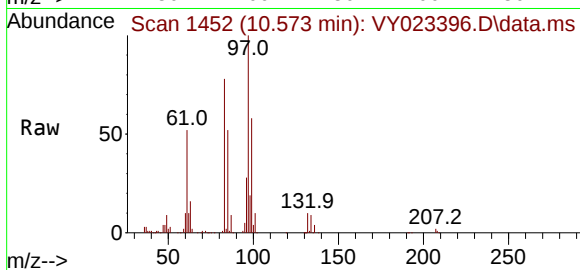
Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 85381

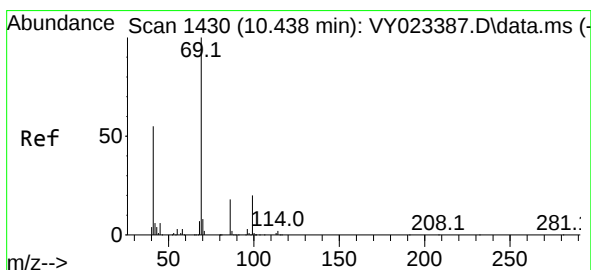
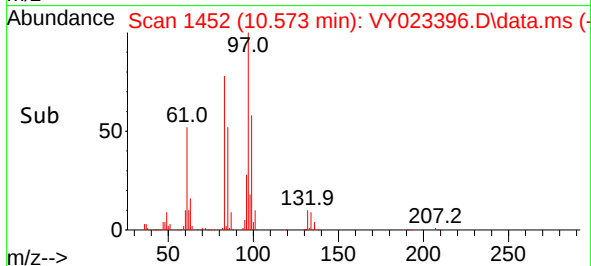
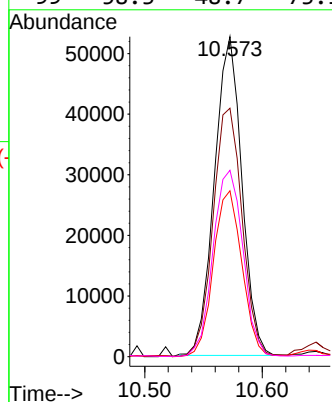
Ion Ratio Lower Upper

97 100

83 77.9 61.8 92.6

85 51.9 41.3 61.9

99 58.3 48.7 73.1



#56

Ethyl methacrylate

Concen: 20.348 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

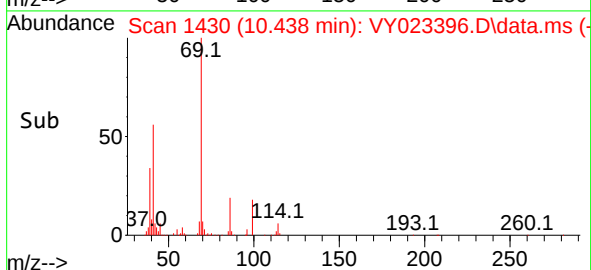
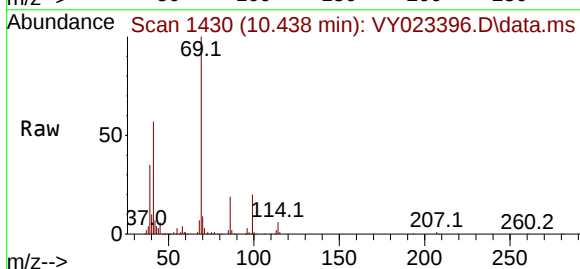
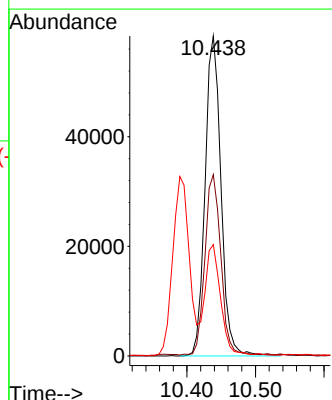
Tgt Ion: 69 Resp: 94598

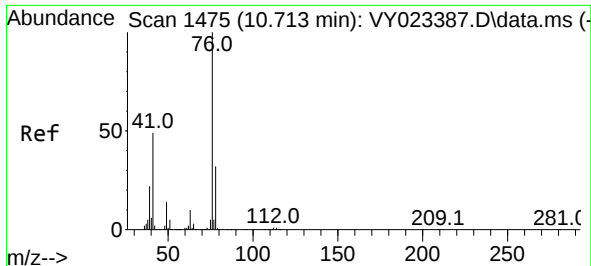
Ion Ratio Lower Upper

69 100

41 56.1 44.6 67.0

39 34.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.343 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

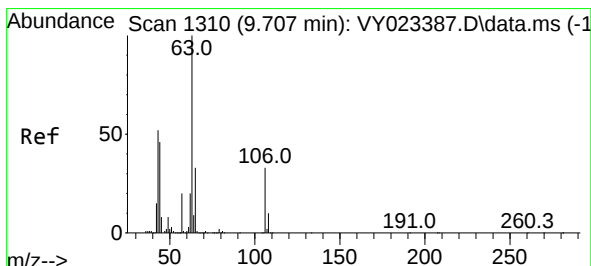
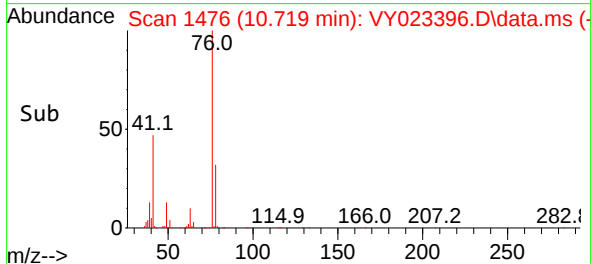
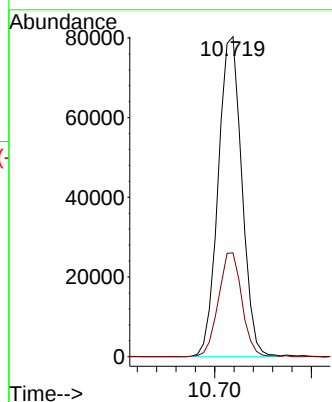
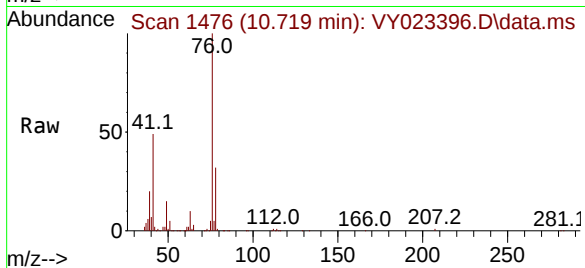
ClientSampleId :

Tgt Ion: 76 Resp: 136304

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.973 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023396.D

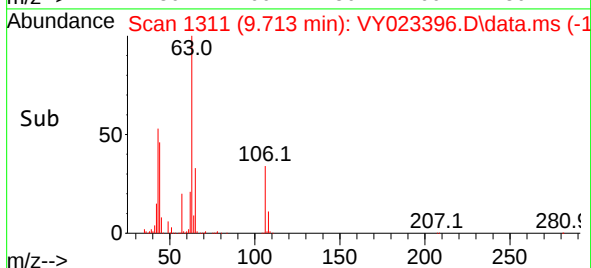
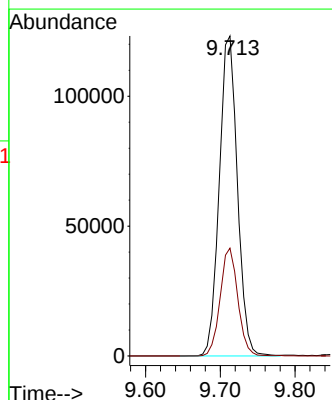
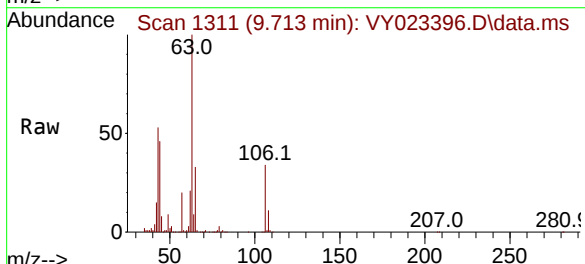
Acq: 08 Oct 2025 10:21

Tgt Ion: 63 Resp: 208203

Ion Ratio Lower Upper

63 100

106 32.9 26.6 39.8

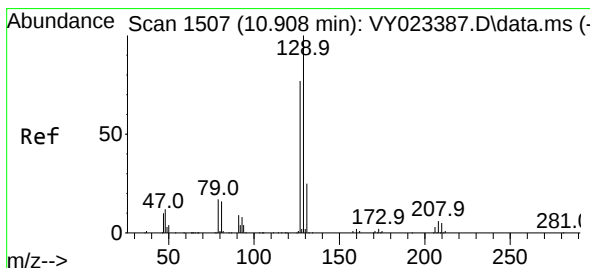
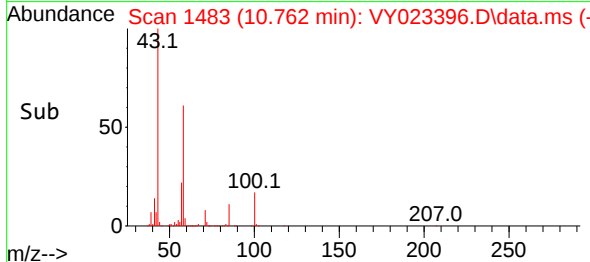
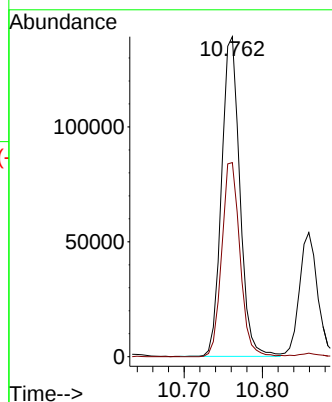
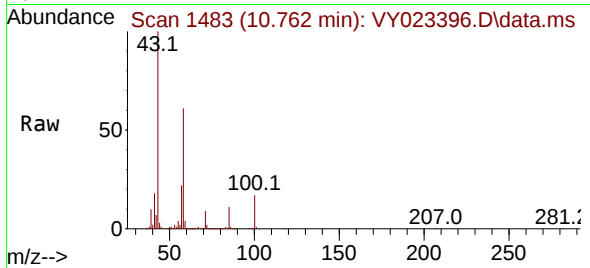




#59
2-Hexanone
Concen: 114.436 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

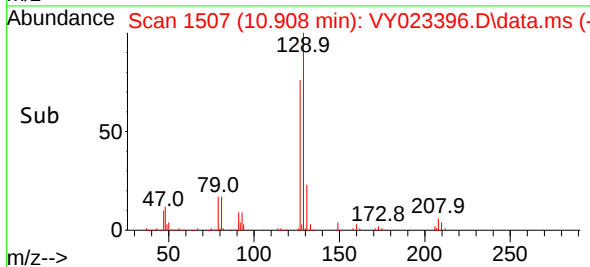
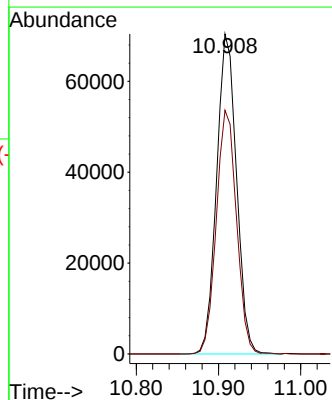
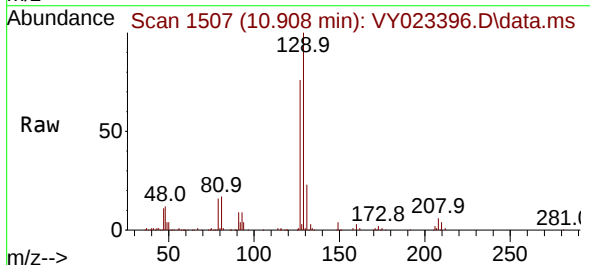
Instrument :
MSVOA_Y
ClientSampleId :

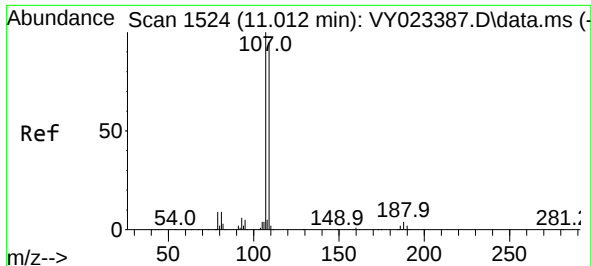
Tgt Ion: 43 Resp: 226171
Ion Ratio Lower Upper
43 100
58 60.7 30.5 91.5



#60
Dibromochloromethane
Concen: 20.913 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 129 Resp: 118167
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

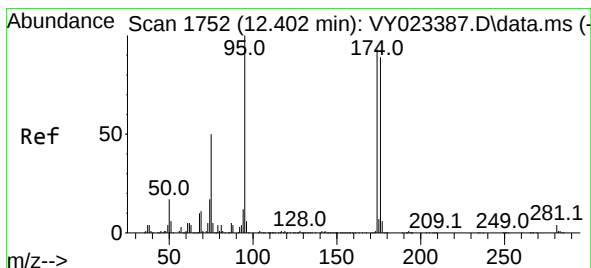
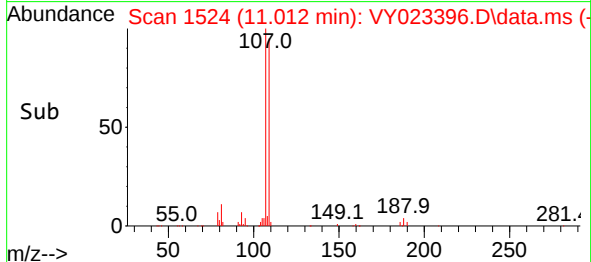
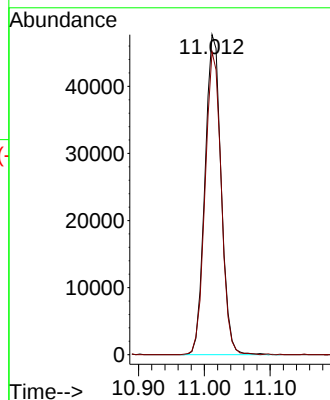
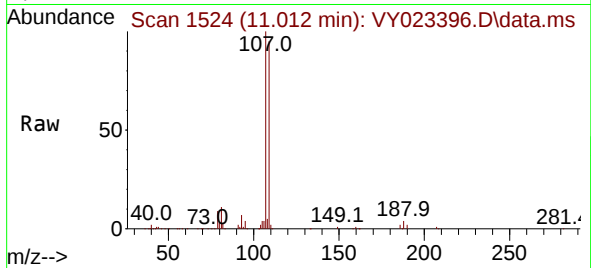




#61
1,2-Dibromoethane
Concen: 21.198 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

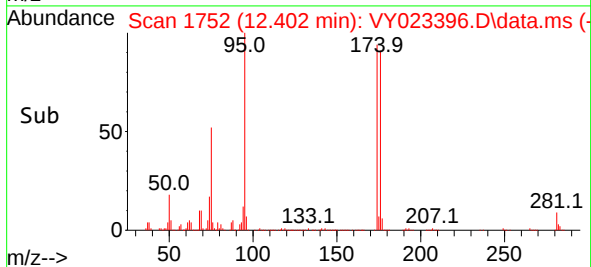
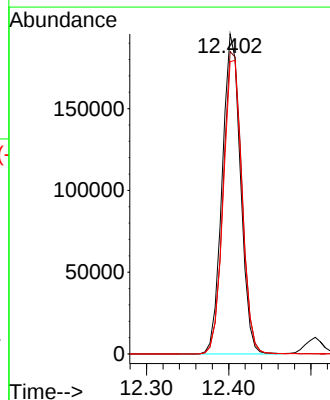
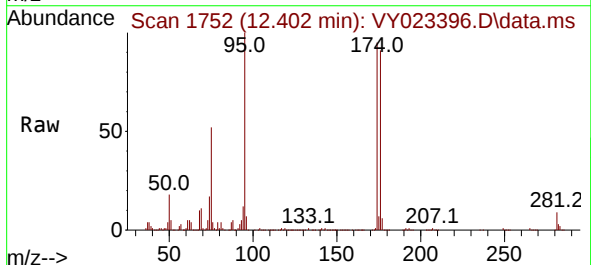
Instrument :
MSVOA_Y
ClientSampleId :

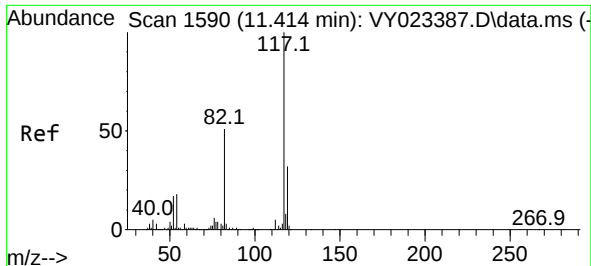
Tgt Ion:107 Resp: 81476
Ion Ratio Lower Upper
107 100
109 94.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.139 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 95 Resp: 302923
Ion Ratio Lower Upper
95 100
174 96.8 0.0 192.8
176 94.3 0.0 187.6

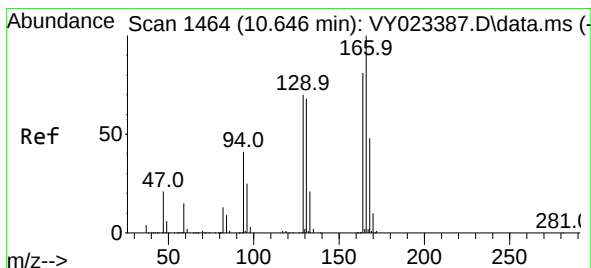
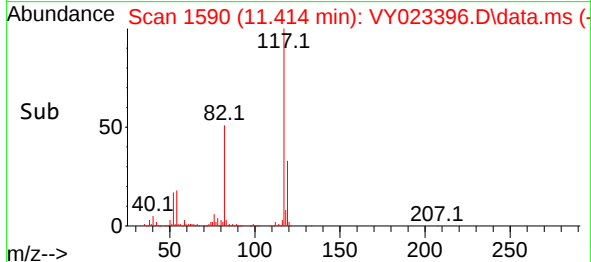
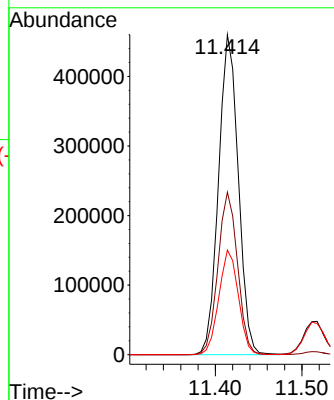
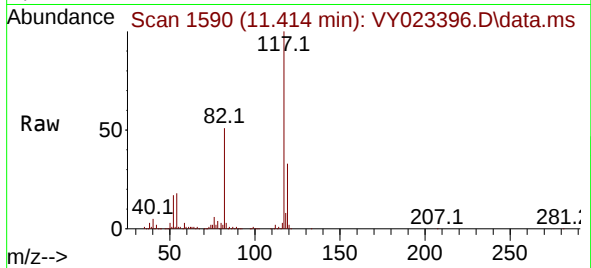




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

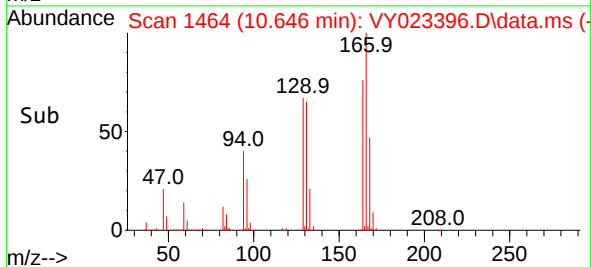
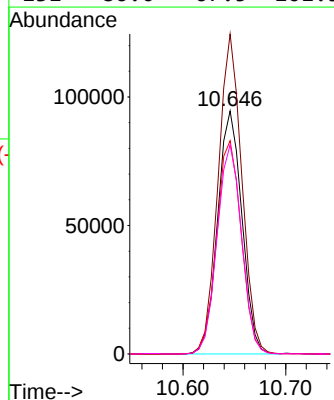
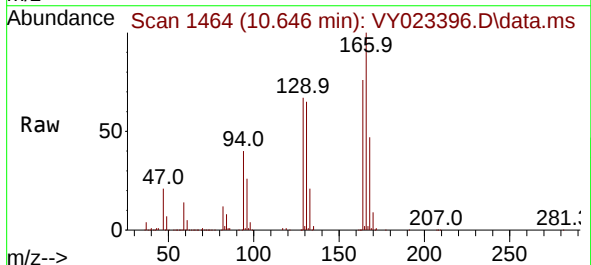
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 729928
Ion Ratio Lower Upper
117 100
82 50.8 41.0 61.4
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 20.621 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion:164 Resp: 155413
Ion Ratio Lower Upper
164 100
166 131.6 99.4 149.0
129 87.7 69.4 104.2
131 86.0 67.5 101.3





#65

Chlorobenzene

Concen: 21.119 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

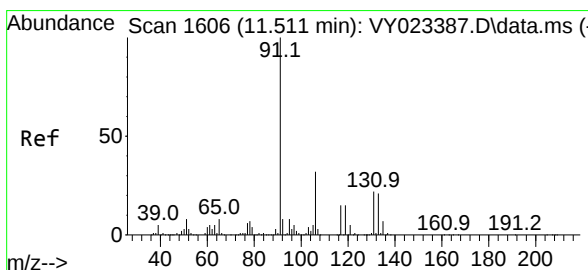
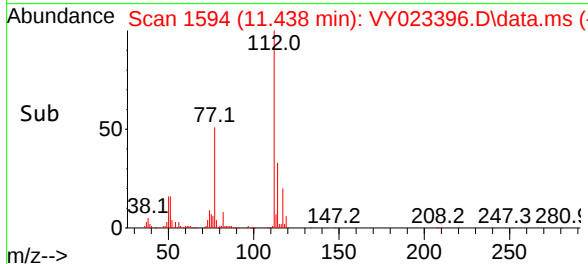
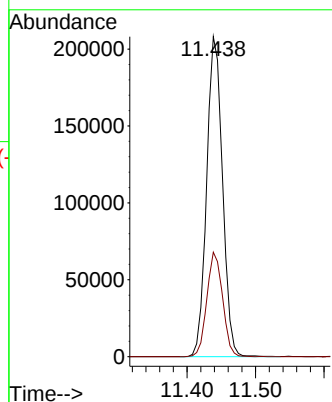
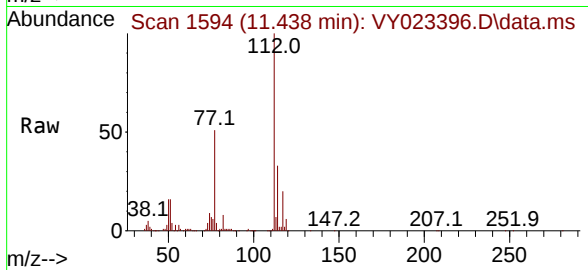
ClientSampleId :

Tgt Ion:112 Resp: 335284

Ion Ratio Lower Upper

112 100

114 32.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.132 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

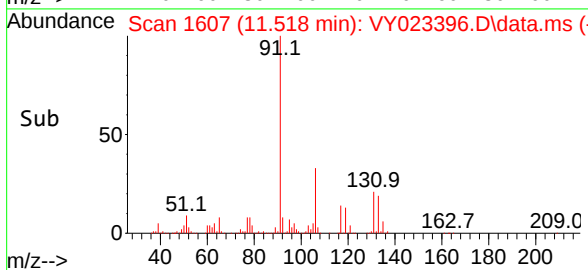
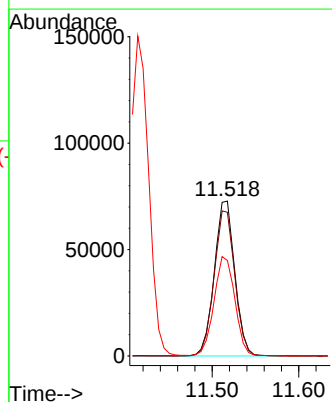
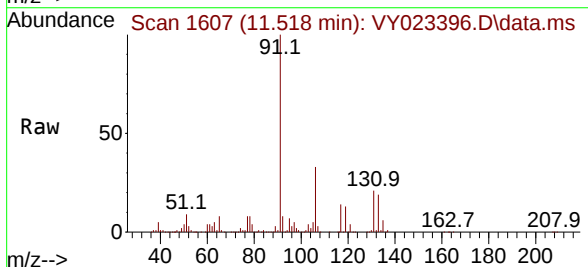
Tgt Ion:131 Resp: 119551

Ion Ratio Lower Upper

131 100

133 95.0 48.4 145.2

119 65.5 32.4 97.2





#67

Ethyl Benzene

Concen: 20.871 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

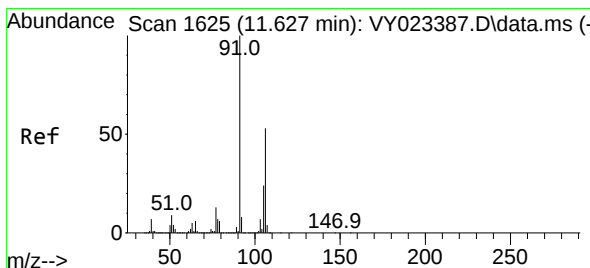
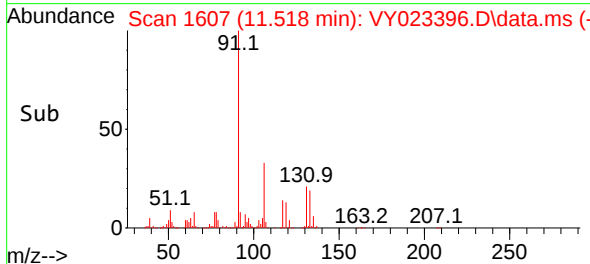
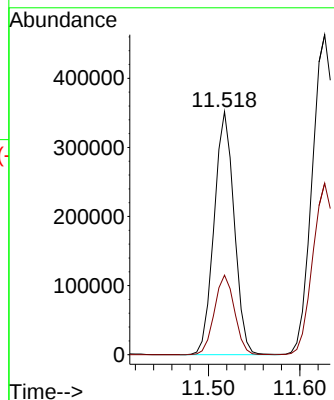
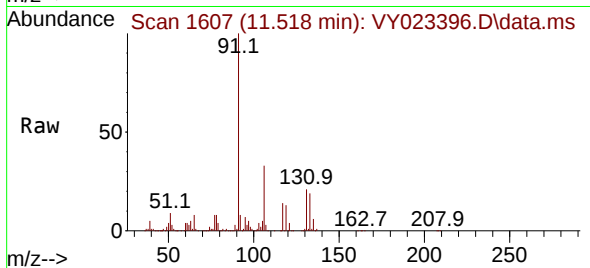
ClientSampleId :

Tgt Ion: 91 Resp: 536350

Ion Ratio Lower Upper

91 100

106 32.8 25.8 38.8



#68

m/p-Xylenes

Concen: 42.577 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023396.D

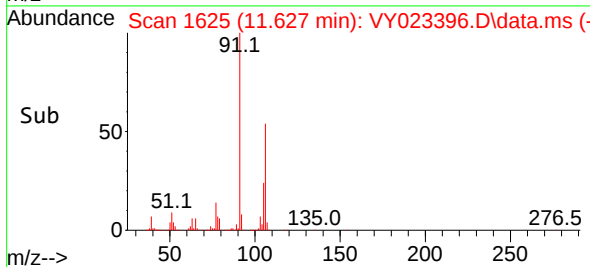
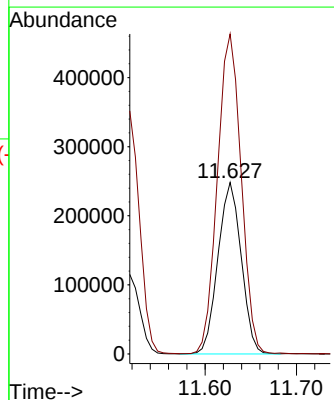
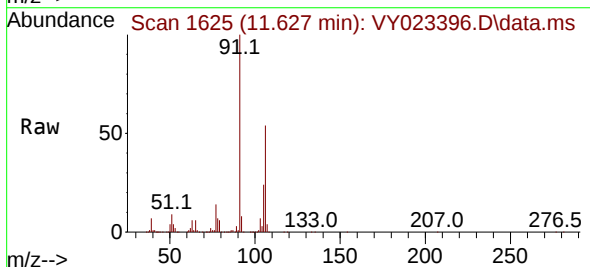
Acq: 08 Oct 2025 10:21

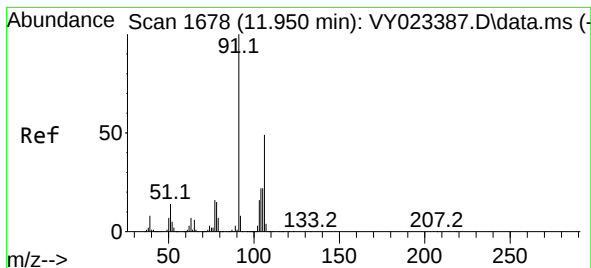
Tgt Ion:106 Resp: 438853

Ion Ratio Lower Upper

106 100

91 190.5 152.6 229.0





#69

o-Xylene

Concen: 21.053 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

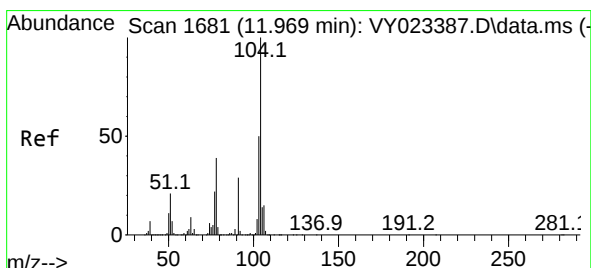
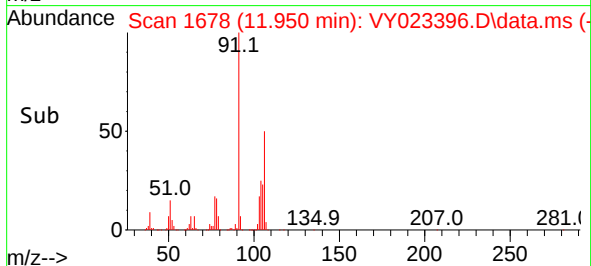
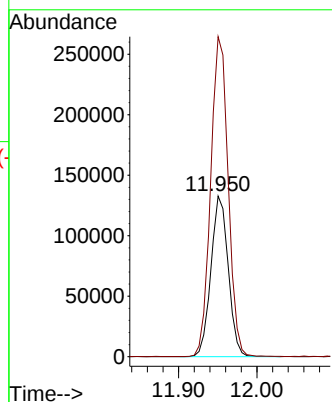
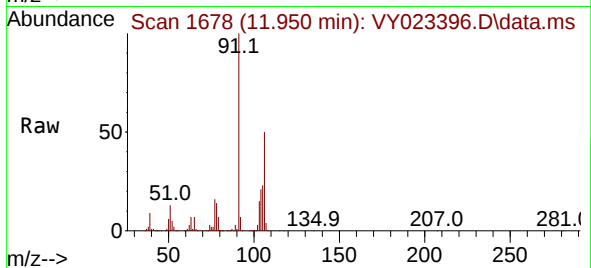
ClientSampleId :

Tgt Ion:106 Resp: 203537

Ion Ratio Lower Upper

106 100

91 201.1 101.4 304.1



#70

Styrene

Concen: 21.126 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

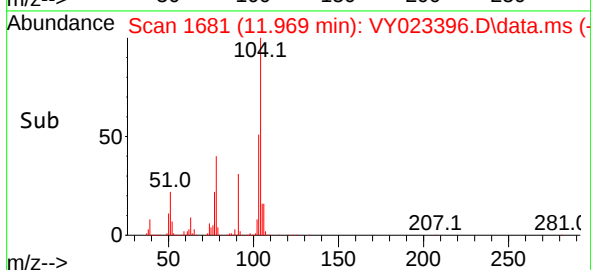
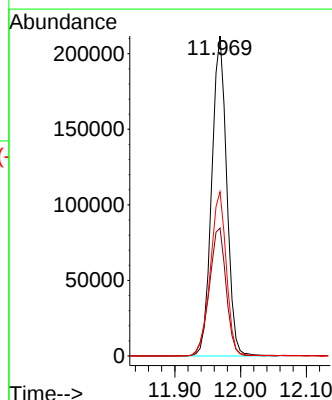
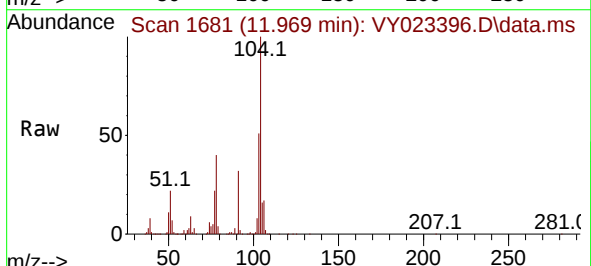
Tgt Ion:104 Resp: 335866

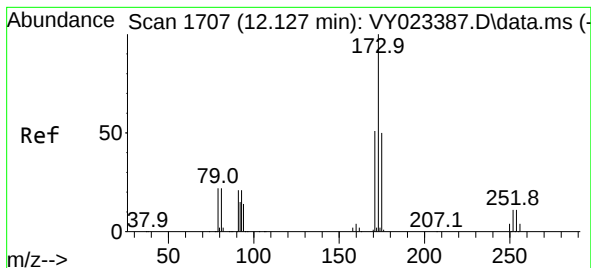
Ion Ratio Lower Upper

104 100

78 44.8 36.1 54.1

103 54.7 43.2 64.8





#71

Bromoform

Concen: 21.273 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

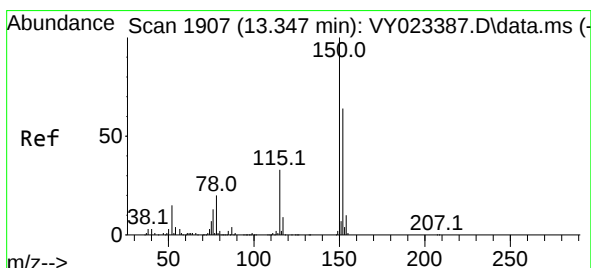
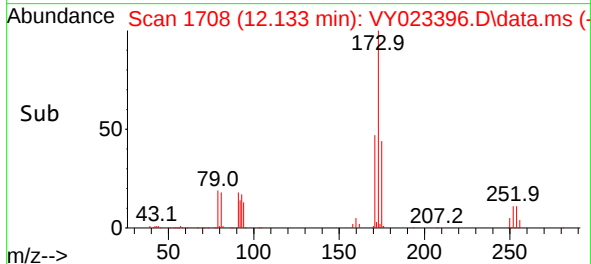
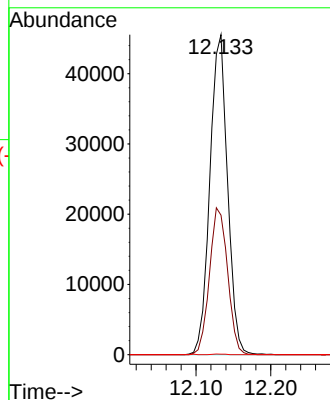
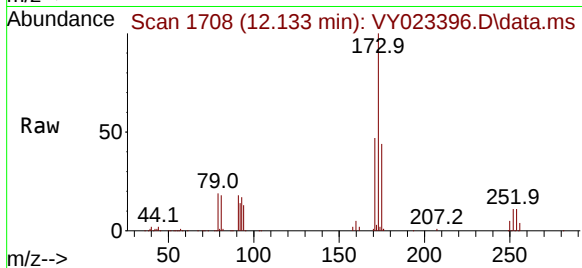
Tgt Ion:173 Resp: 74653

Ion Ratio Lower Upper

173 100

175 47.1 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

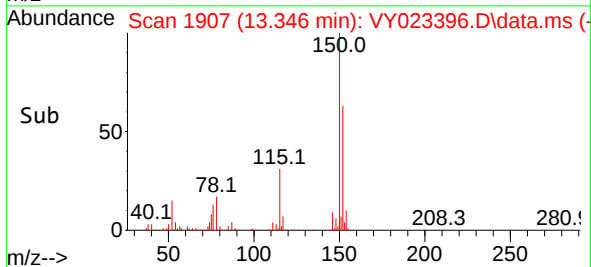
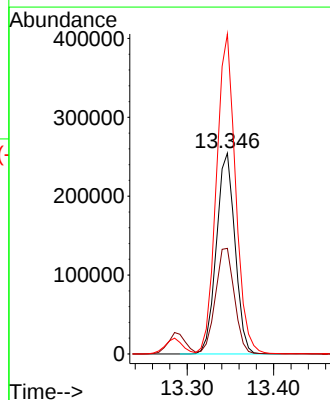
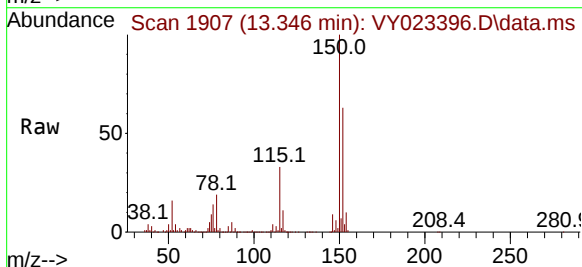
Tgt Ion:152 Resp: 379883

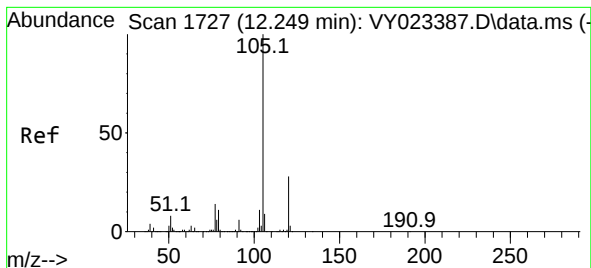
Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.2

150 163.5 0.0 347.4





#73

Isopropylbenzene

Concen: 21.250 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

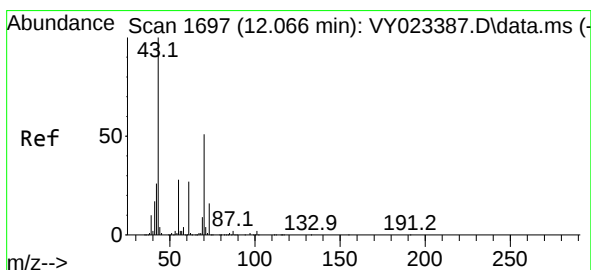
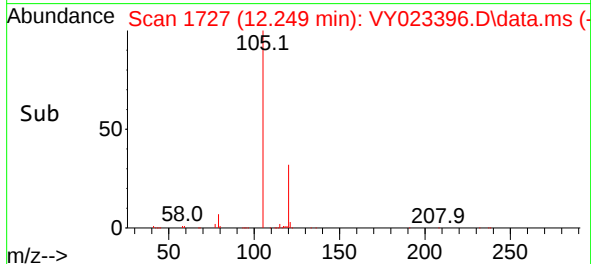
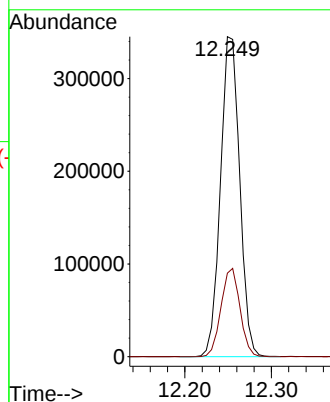
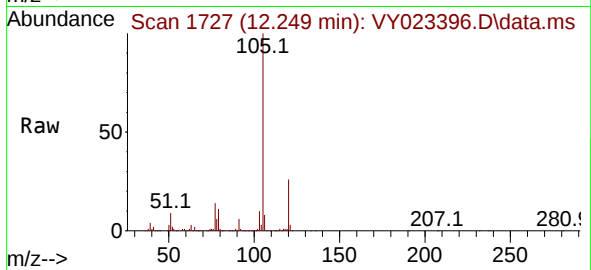
ClientSampleId :

Tgt Ion:105 Resp: 531995

Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.7



#74

N-ethyl acetate

Concen: 21.000 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Tgt Ion: 43 Resp: 94430

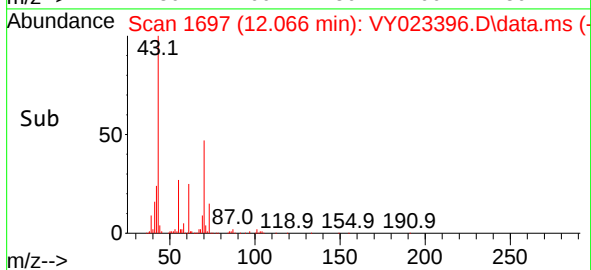
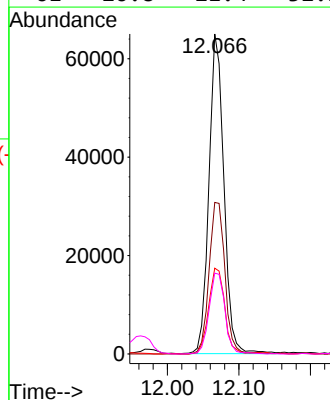
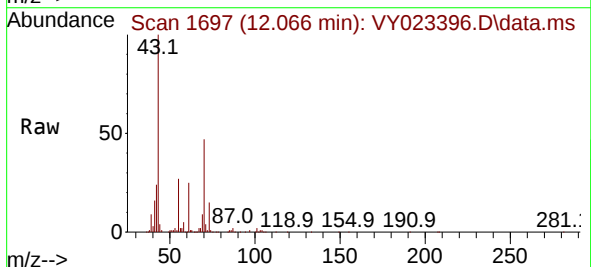
Ion Ratio Lower Upper

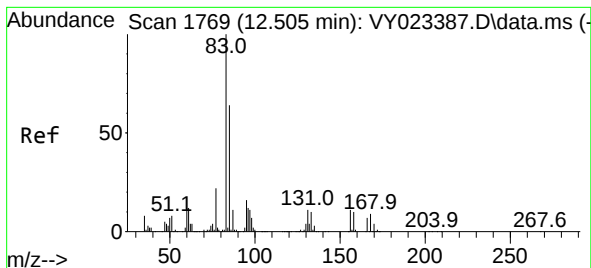
43 100

70 50.3 41.1 61.7

55 28.7 23.0 34.6

61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.238 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

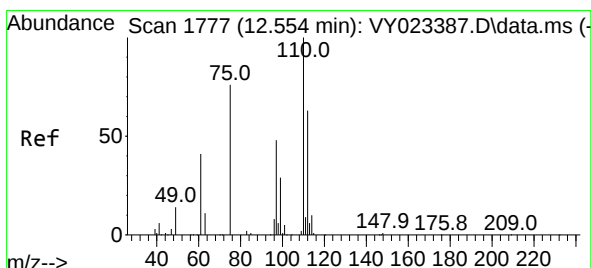
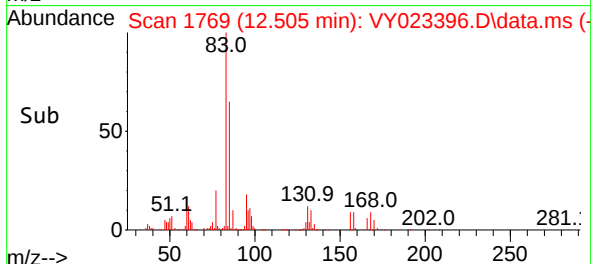
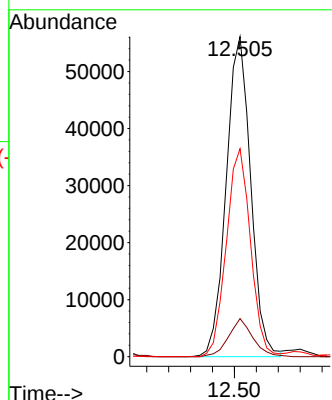
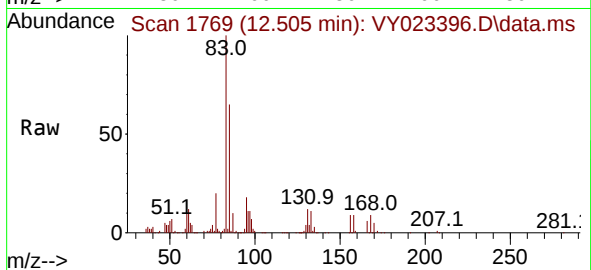
Tgt Ion: 83 Resp: 86963

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.6

85 64.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 34.448 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023396.D

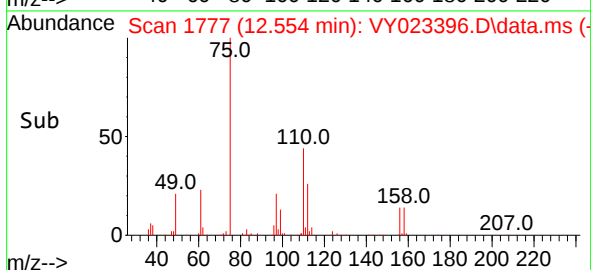
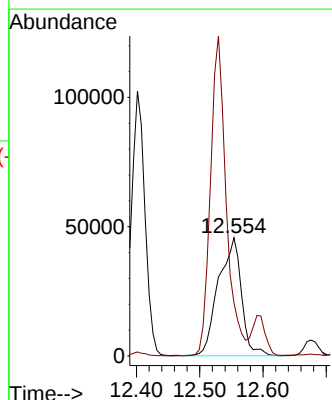
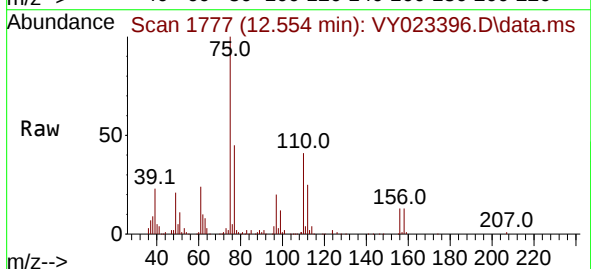
Acq: 08 Oct 2025 10:21

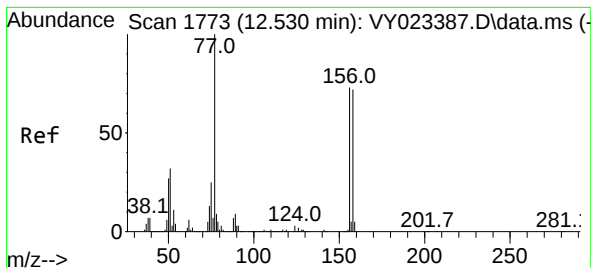
Tgt Ion: 75 Resp: 115454

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.824 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

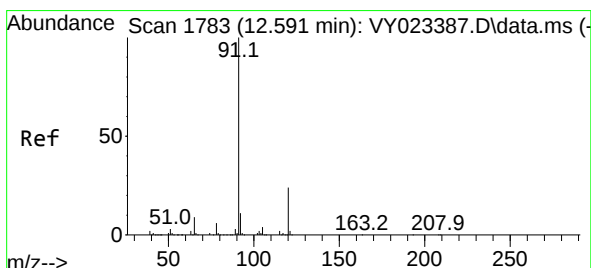
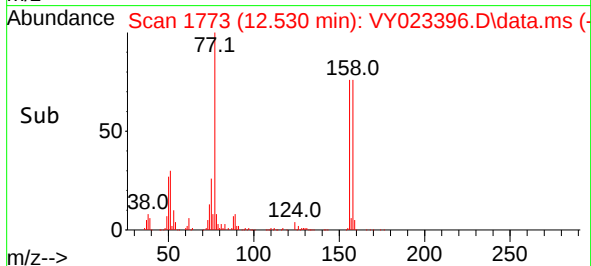
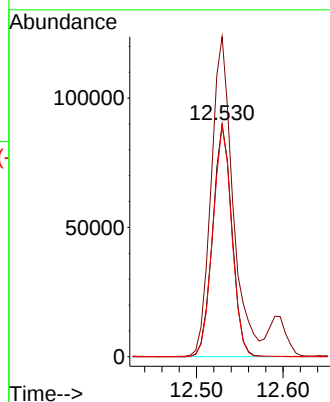
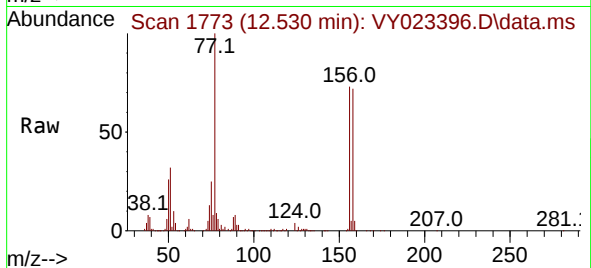
Tgt Ion:156 Resp: 138594

Ion Ratio Lower Upper

156 100

77 155.5 76.8 230.5

158 98.2 49.0 147.2



#78

n-propylbenzene

Concen: 21.344 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023396.D

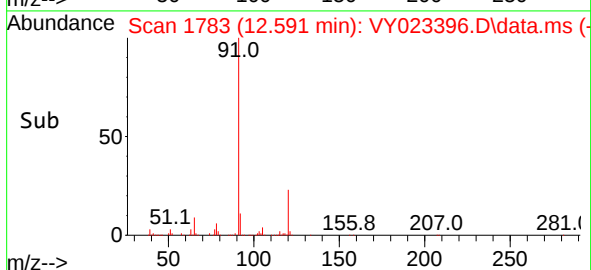
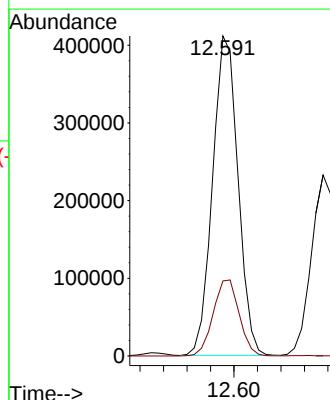
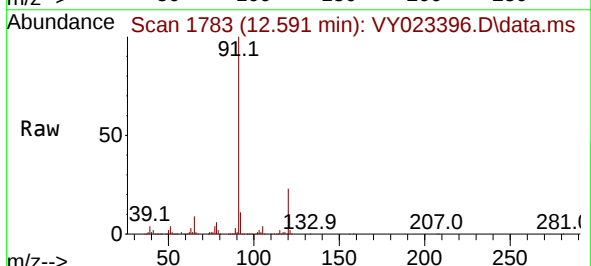
Acq: 08 Oct 2025 10:21

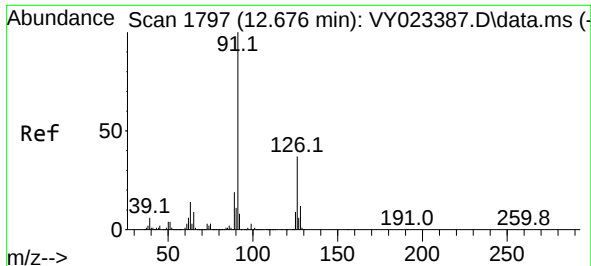
Tgt Ion: 91 Resp: 618353

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8

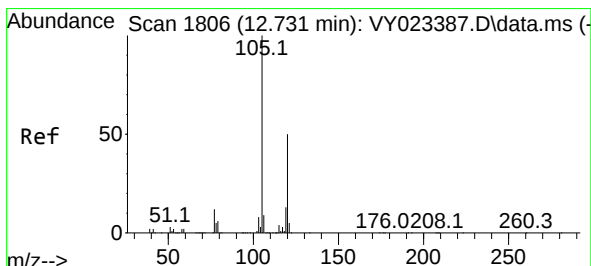
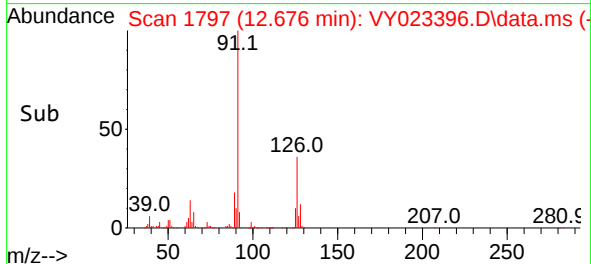
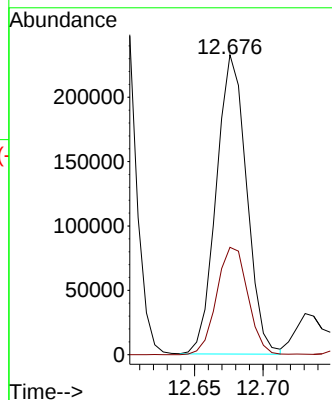
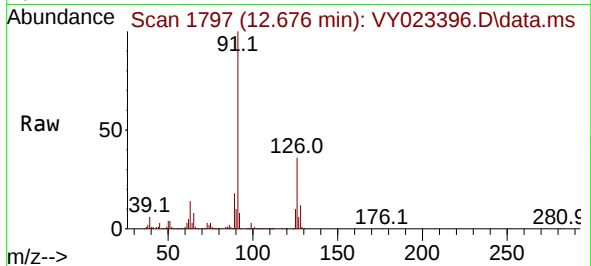




#79
2-Chlorotoluene
Concen: 21.126 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

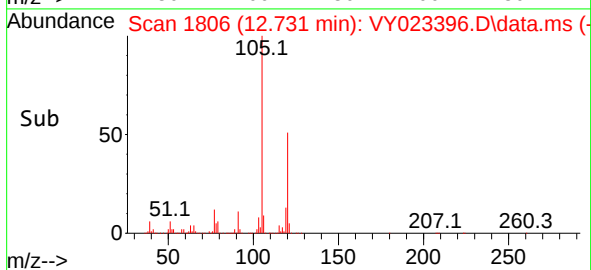
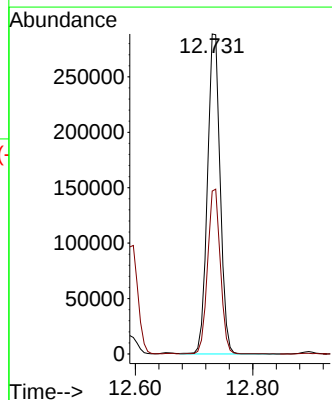
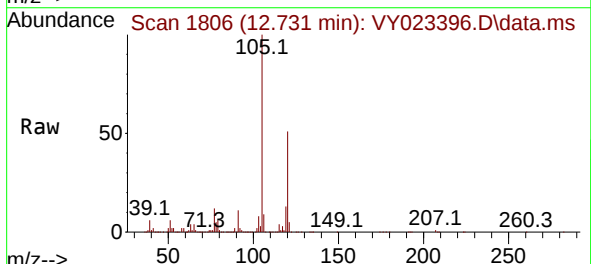
Instrument :
MSVOA_Y
ClientSampleId :

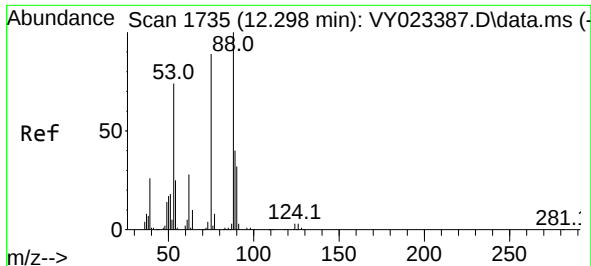
Tgt Ion: 91 Resp: 358410
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 21.414 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 105 Resp: 433210
Ion Ratio Lower Upper
105 100
120 51.6 25.4 76.4

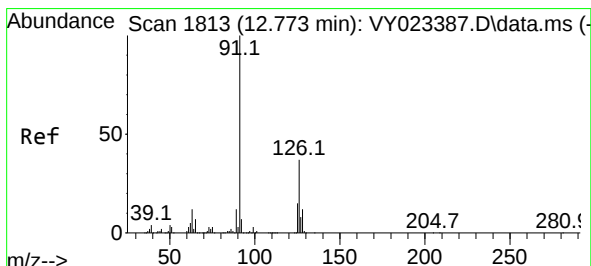
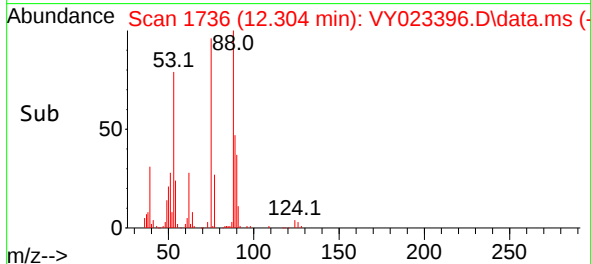
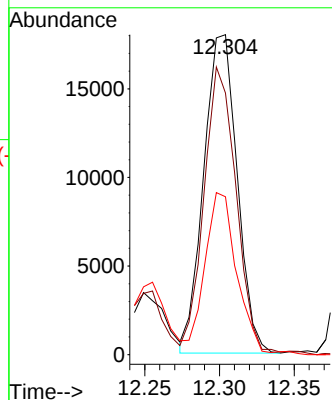
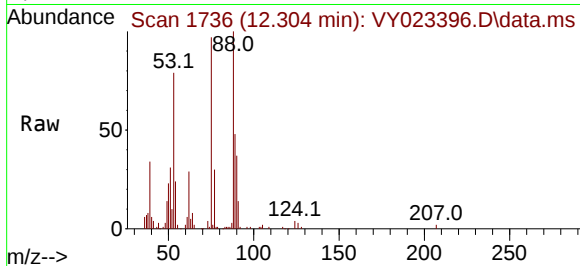




#81
trans-1,4-Dichloro-2-butene
Concen: 20.464 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

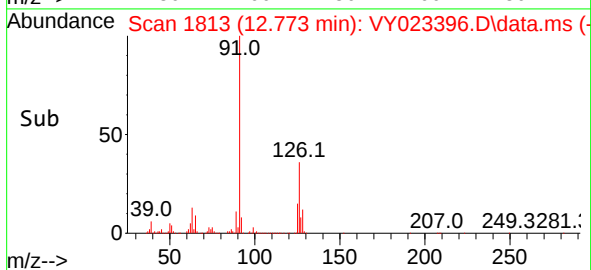
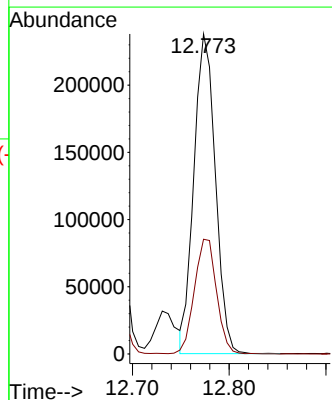
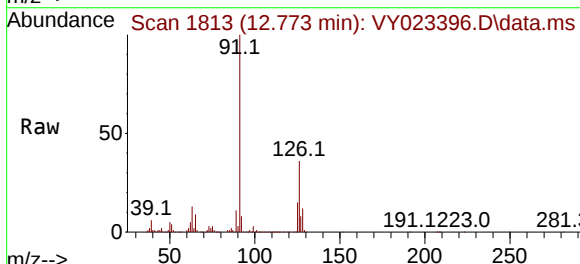
Instrument :
MSVOA_Y
ClientSampleId :

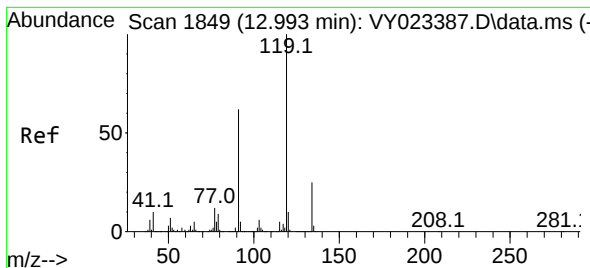
Tgt Ion: 75 Resp: 27969
Ion Ratio Lower Upper
75 100
53 87.8 68.6 102.8
89 49.2 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.018 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion: 91 Resp: 367226
Ion Ratio Lower Upper
91 100
126 37.2 18.4 55.4





#83

tert-Butylbenzene

Concen: 20.612 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

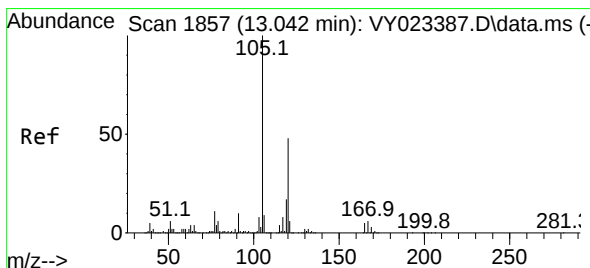
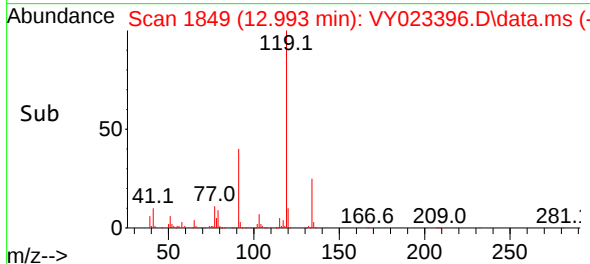
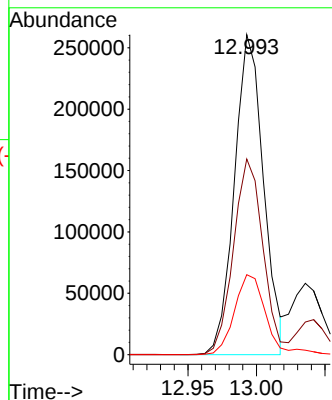
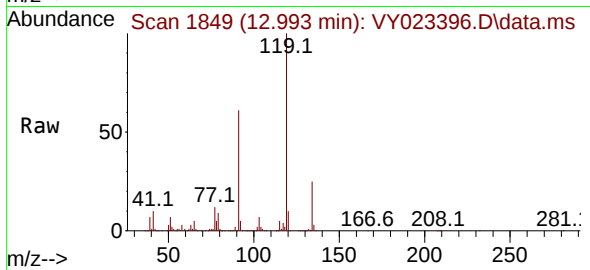
Tgt Ion:119 Resp: 385007

Ion Ratio Lower Upper

119 100

91 62.4 29.9 89.8

134 27.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.510 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023396.D

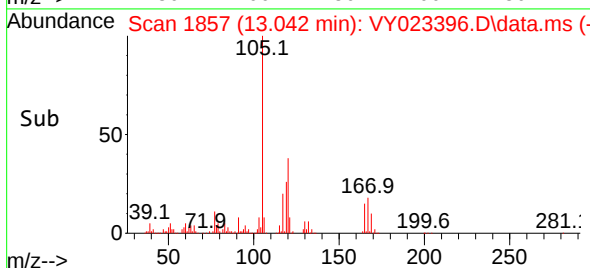
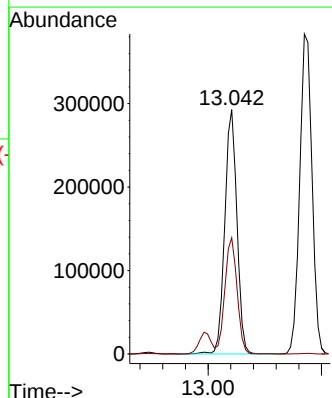
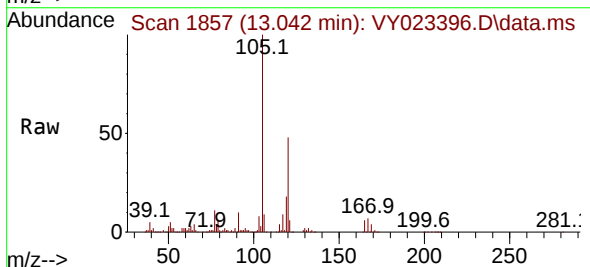
Acq: 08 Oct 2025 10:21

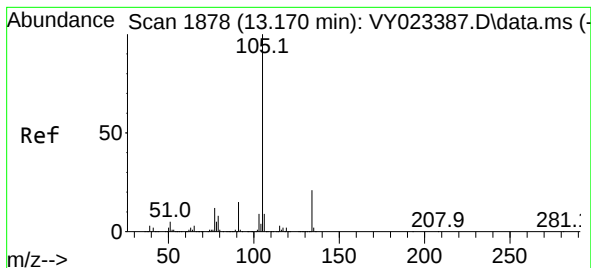
Tgt Ion:105 Resp: 434268

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.2





#85

sec-Butylbenzene

Concen: 21.498 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

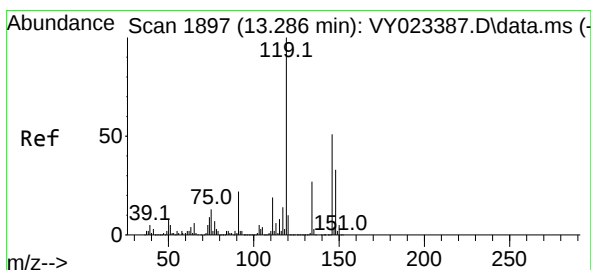
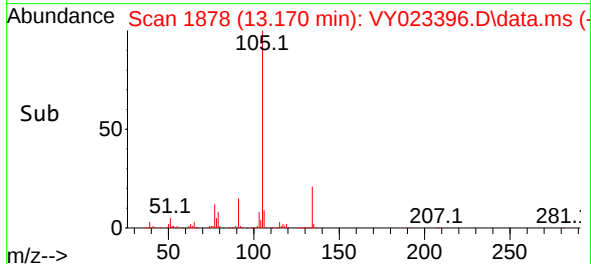
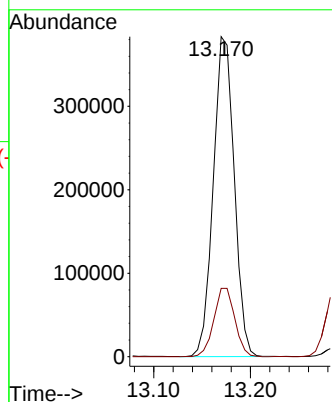
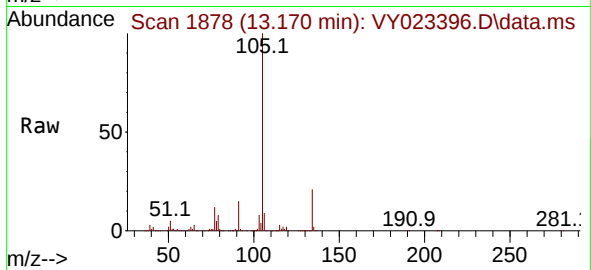
ClientSampleId :

Tgt Ion:105 Resp: 576021

Ion Ratio Lower Upper

105 100

134 21.4 10.7 32.1



#86

p-Isopropyltoluene

Concen: 21.115 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

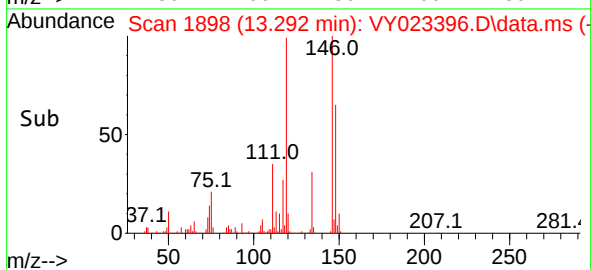
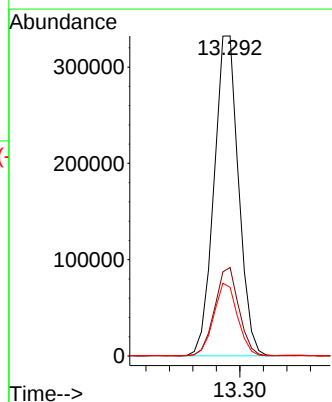
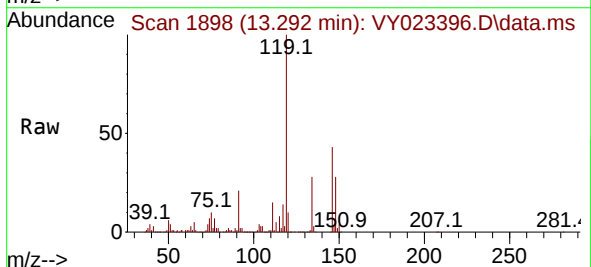
Tgt Ion:119 Resp: 481689

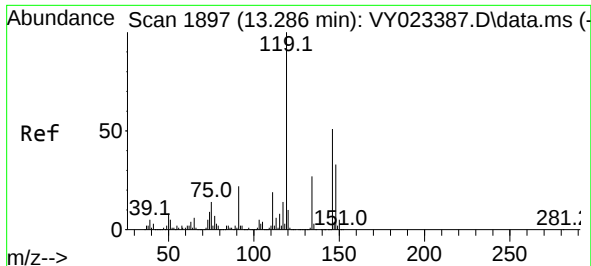
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 21.9 10.9 32.9

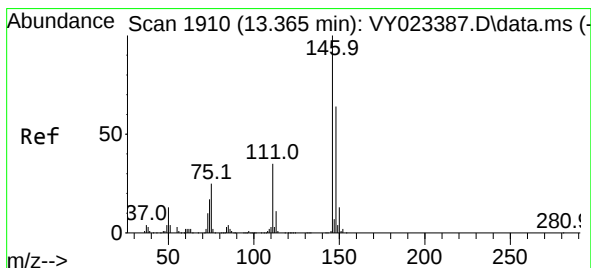
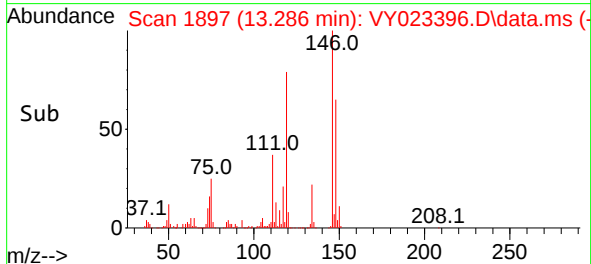
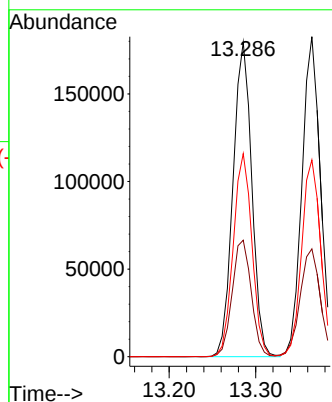
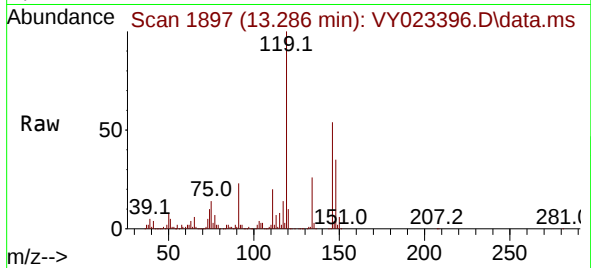




#87
1,3-Dichlorobenzene
Concen: 20.860 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

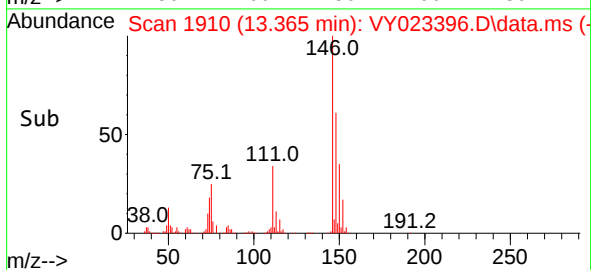
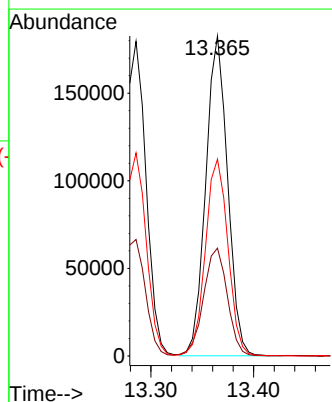
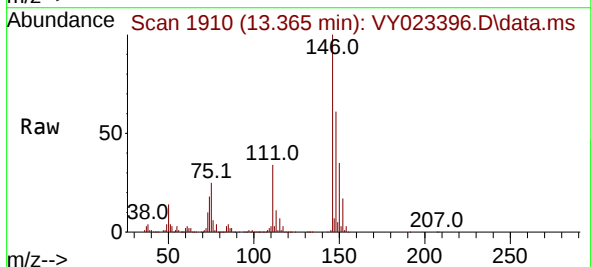
Instrument :
MSVOA_Y
ClientSampleId :

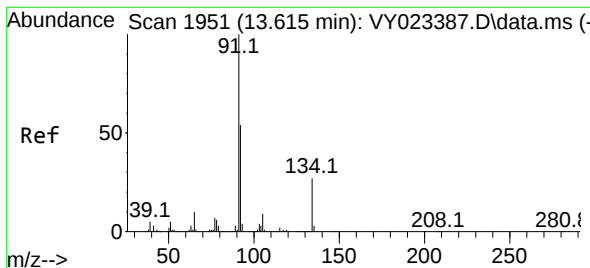
Tgt Ion:146 Resp: 270349
Ion Ratio Lower Upper
146 100
111 37.7 18.7 56.1
148 64.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 21.067 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023396.D
Acq: 08 Oct 2025 10:21

Tgt Ion:146 Resp: 269667
Ion Ratio Lower Upper
146 100
111 36.7 18.0 54.0
148 63.6 31.9 95.7





#89

n-Butylbenzene

Concen: 21.093 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

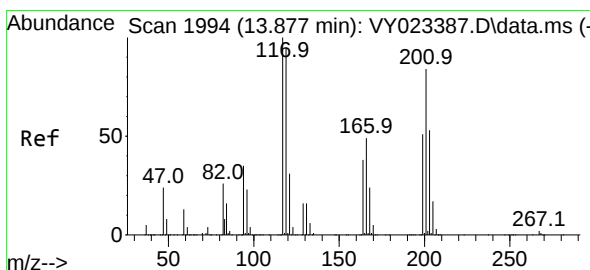
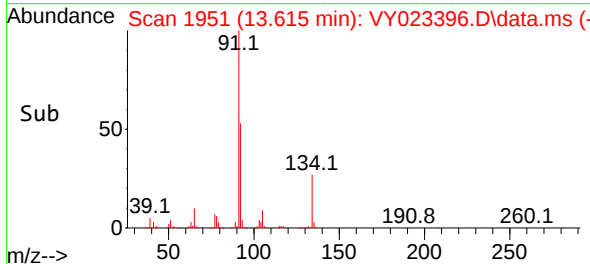
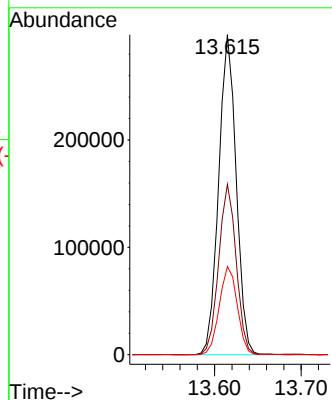
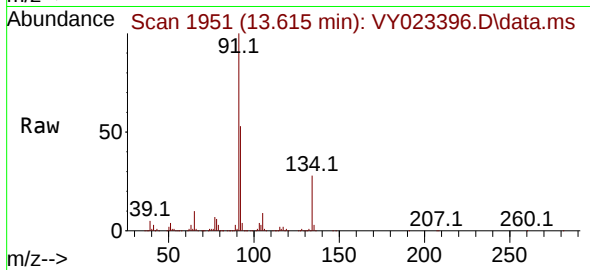
Tgt Ion: 91 Resp: 419280

Ion Ratio Lower Upper

91 100

92 53.2 27.0 80.8

134 28.2 14.1 42.2



#90

Hexachloroethane

Concen: 21.008 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023396.D

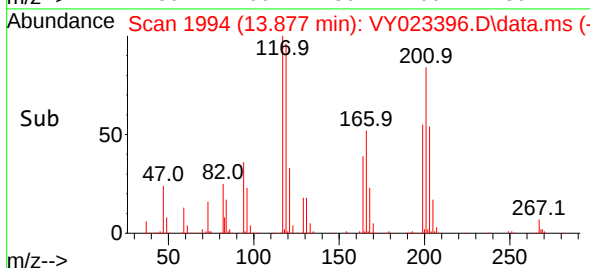
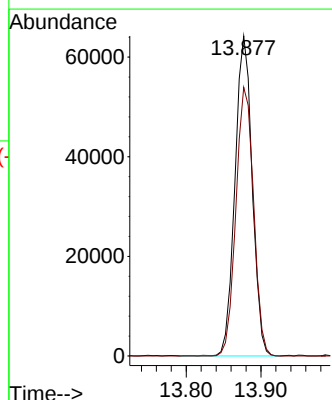
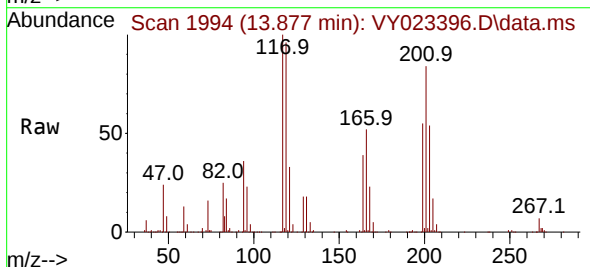
Acq: 08 Oct 2025 10:21

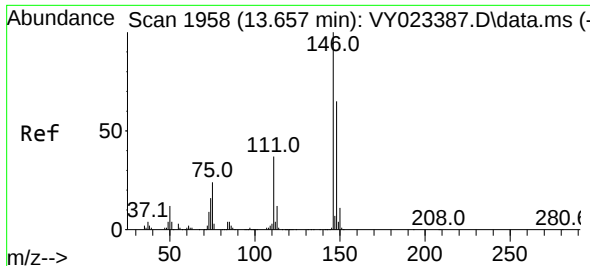
Tgt Ion: 117 Resp: 103078

Ion Ratio Lower Upper

117 100

201 86.2 43.8 131.4

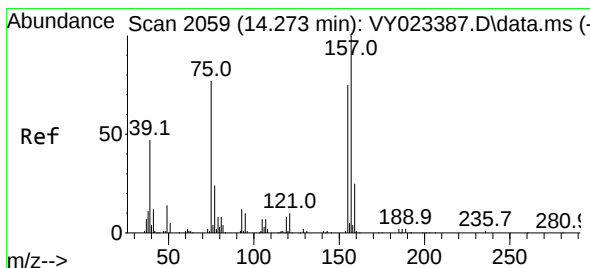
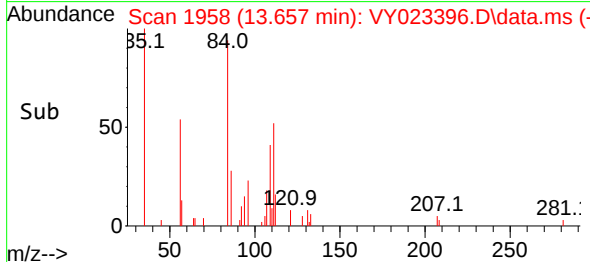
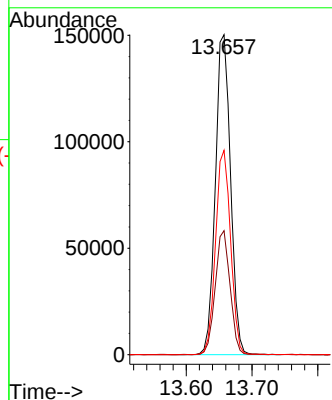
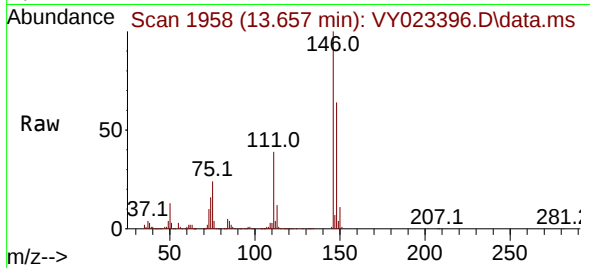




#91
 1,2-Dichlorobenzene
 Concen: 21.238 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023396.D
 Acq: 08 Oct 2025 10:21

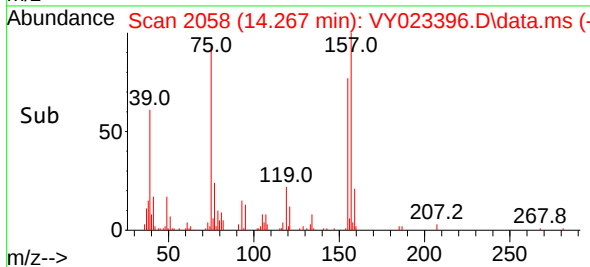
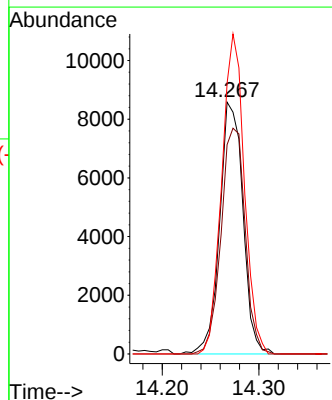
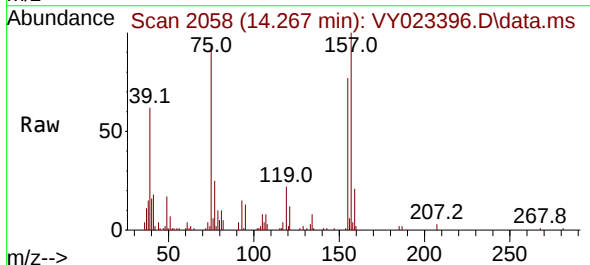
Instrument :
 MSVOA_Y
 ClientSampleId :

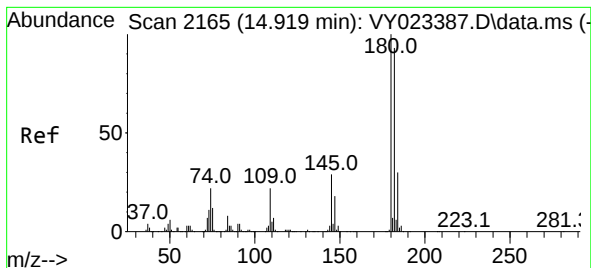
Tgt Ion:146 Resp: 241322
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 63.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.271 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY023396.D
 Acq: 08 Oct 2025 10:21

Tgt Ion: 75 Resp: 14291
 Ion Ratio Lower Upper
 75 100
 155 92.6 50.0 150.0
 157 123.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 20.607 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

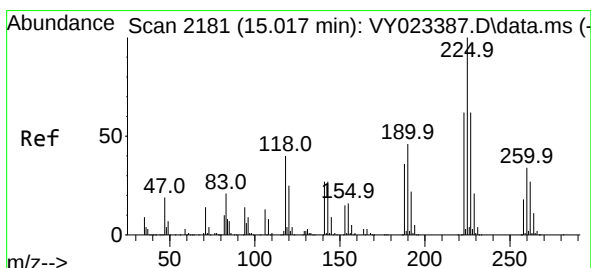
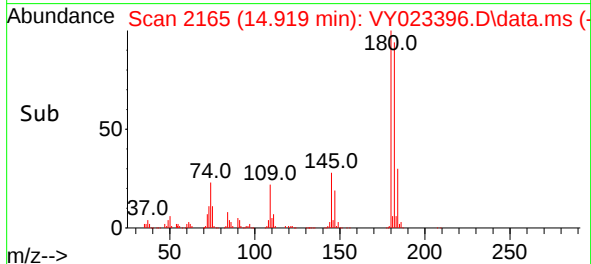
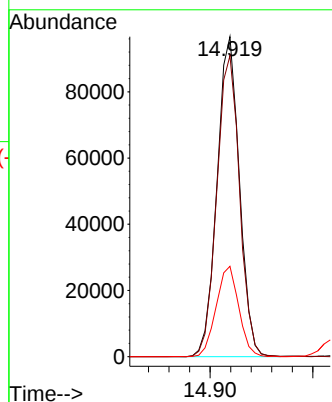
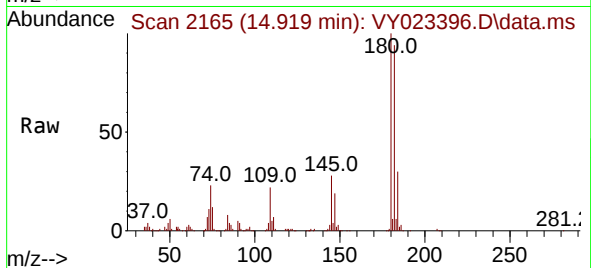
Tgt Ion:180 Resp: 145976

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 28.6 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.976 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

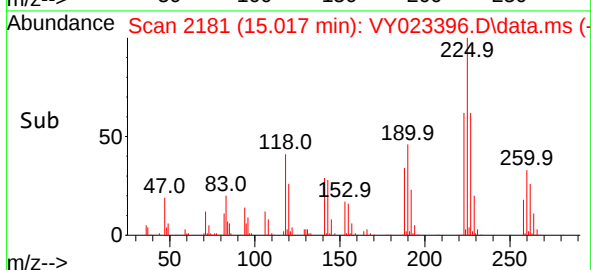
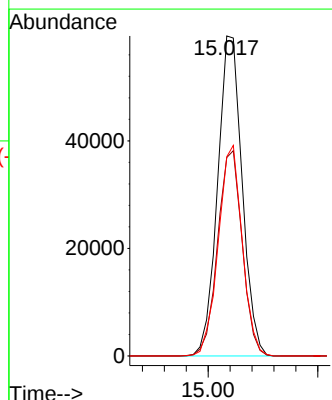
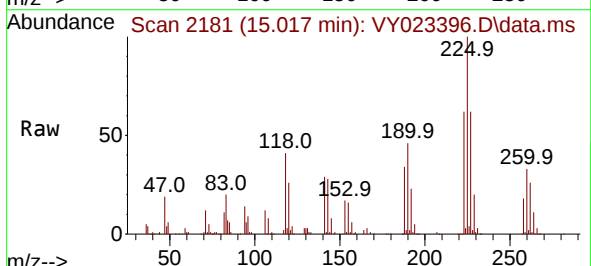
Tgt Ion:225 Resp: 92623

Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 64.0 31.9 95.7





#95

Naphthalene

Concen: 19.758 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

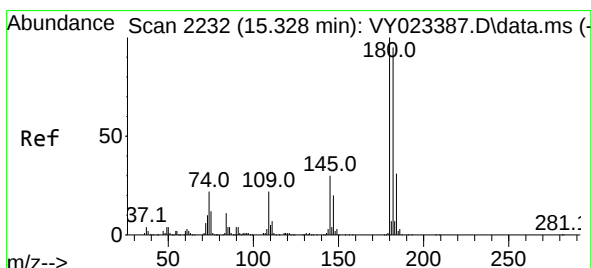
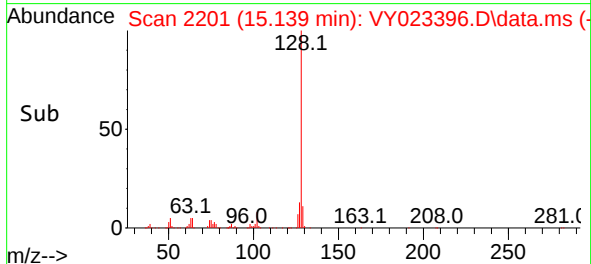
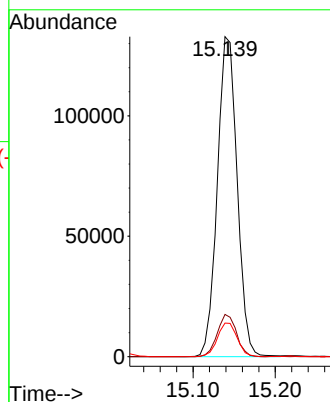
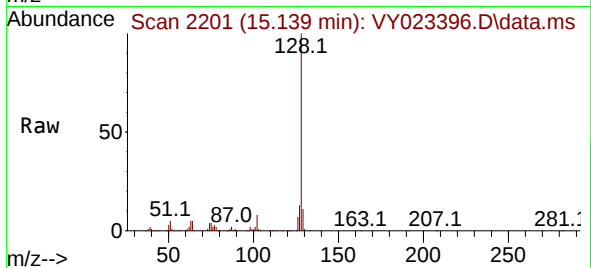
Tgt Ion:128 Resp: 222867

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.231 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY023396.D

Acq: 08 Oct 2025 10:21

Tgt Ion:180 Resp: 124132

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 31.3 15.3 45.9

