

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023384.D
 Acq On : 07 Oct 2025 09:17
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 08 04:39:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	585717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	882488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	753398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26670	5.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.520%#
35) Dibromofluoromethane	7.634	113	27455	5.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.260%#
50) Toluene-d8	10.103	98	99905	4.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.900%#
62) 4-Bromofluorobenzene	12.401	95	35355	5.548	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.100%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	23245	5.038	ug/l	92
3) Chloromethane	2.074	50	30346	4.627	ug/l	94
4) Vinyl Chloride	2.202	62	38657	4.668	ug/l	95
5) Bromomethane	2.598	94	35214	5.184	ug/l	94
6) Chloroethane	2.732	64	25848	4.597	ug/l	98
7) Trichlorofluoromethane	3.055	101	51797	4.869	ug/l	98
8) Diethyl Ether	3.452	74	14079	5.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	28368	4.989	ug/l	99
10) Methyl Iodide	4.007	142	23692	3.606	ug/l	99
11) Tert butyl alcohol	4.854	59	9774	32.746	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	26290	4.806	ug/l	94
13) Acrolein	3.653	56	13176	26.054	ug/l	100
14) Allyl chloride	4.385	41	31614	4.616	ug/l	98
15) Acrylonitrile	5.055	53	25891	23.754	ug/l	99
16) Acetone	3.866	43	37573	32.940	ug/l	96
17) Carbon Disulfide	4.104	76	75645	4.432	ug/l	99
18) Methyl Acetate	4.391	43	14279	4.926	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	58919	4.600	ug/l	95
20) Methylene Chloride	4.616	84	36598	5.917	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	28923	4.754	ug/l	99
22) Diisopropyl ether	6.018	45	64833	4.269	ug/l	94
23) Vinyl Acetate	5.964	43	173851	20.824	ug/l	99
24) 1,1-Dichloroethane	5.909	63	46850	4.679	ug/l	100
25) 2-Butanone	6.890	43	38990	27.656	ug/l	93
26) 2,2-Dichloropropane	6.884	77	44062	4.953	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	31743	4.600	ug/l	98
28) Bromochloromethane	7.244	49	19445	5.006	ug/l	99
29) Tetrahydrofuran	7.262	42	19296	23.059	ug/l	98
30) Chloroform	7.421	83	51887	4.806	ug/l	97
31) Cyclohexane	7.707	56	46675	5.279	ug/l #	79
32) 1,1,1-Trichloroethane	7.616	97	47305	4.881	ug/l	99
36) 1,1-Dichloropropene	7.835	75	34888	4.617	ug/l	98
37) Ethyl Acetate	6.982	43	13082	4.379	ug/l #	93
38) Carbon Tetrachloride	7.817	117	42654	4.859	ug/l	95
39) Methylcyclohexane	9.109	83	43329	4.479	ug/l	98
40) Benzene	8.079	78	110551	4.693	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	6205	3.999	ug/l #	62
42) 1,2-Dichloroethane	8.158	62	28940	4.828	ug/l	100
43) Isopropyl Acetate	8.201	43	26166	4.503	ug/l	99
44) Trichloroethene	8.859	130	33564	5.077	ug/l	99
45) 1,2-Dichloropropane	9.140	63	24358	4.595	ug/l	92
46) Dibromomethane	9.231	93	15179	4.682	ug/l	97
47) Bromodichloromethane	9.420	83	38813	4.756	ug/l	93
48) Methyl methacrylate	9.219	41	11038	4.071	ug/l	98
49) 1,4-Dioxane	9.219	88	3255	96.953	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	62279	20.925	ug/l	98
52) Toluene	10.170	92	68550	4.585	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	31477	4.491	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	37392	4.463	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	20641	4.786	ug/l	97
56) Ethyl methacrylate	10.438	69	19324	3.891	ug/l	94
57) 1,3-Dichloropropane	10.719	76	31831	4.560	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.713	63	39945	18.384	ug/l	97
59) 2-Hexanone	10.761	43	47778	23.185	ug/l	97
60) Dibromochloromethane	10.908	129	28135	4.783	ug/l	97
61) 1,2-Dibromoethane	11.017	107	18957	4.673	ug/l	97
64) Tetrachloroethene	10.646	164	40570	5.383	ug/l	98
65) Chlorobenzene	11.444	112	81802	4.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	29222	5.075	ug/l	97
67) Ethyl Benzene	11.517	91	121005	4.529	ug/l	99
68) m/p-Xylenes	11.633	106	95176	8.887	ug/l	100
69) o-Xylene	11.956	106	44280	4.466	ug/l	98
70) Styrene	11.969	104	67960	4.152	ug/l	99
71) Bromoform	12.133	173	16988	4.929	ug/l #	99
73) Isopropylbenzene	12.255	105	112194	4.455	ug/l	99
74) N-amyl acetate	12.066	43	18041	3.833	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20052	4.773	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	27066	7.257	ug/l #	100
77) Bromobenzene	12.529	156	32106	4.967	ug/l	99
78) n-propylbenzene	12.596	91	127521	4.305	ug/l	99
79) 2-Chlorotoluene	12.676	91	79199	4.631	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	87297	4.264	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6474	4.680	ug/l	98
82) 4-Chlorotoluene	12.779	91	82155	4.600	ug/l	100
83) tert-Butylbenzene	12.999	119	83151	4.457	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	86988	4.294	ug/l	99
85) sec-Butylbenzene	13.176	105	120061	4.443	ug/l	99
86) p-Isopropyltoluene	13.291	119	97377	4.264	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	63027	4.936	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	64389	5.085	ug/l	95
89) n-Butylbenzene	13.615	91	86179	4.274	ug/l	99
90) Hexachloroethane	13.877	117	25204	5.084	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	56167	5.041	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3305	4.964	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	32000	4.875	ug/l	99
94) Hexachlorobutadiene	15.023	225	22316	5.456	ug/l	99
95) Naphthalene	15.145	128	45598	4.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	27176	4.772	ug/l	99

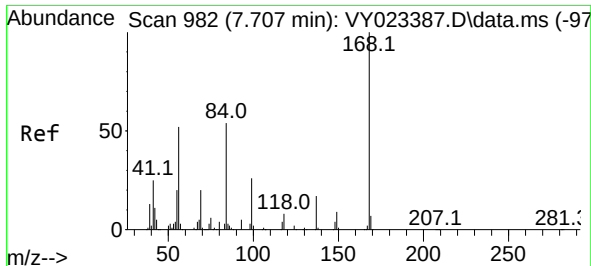
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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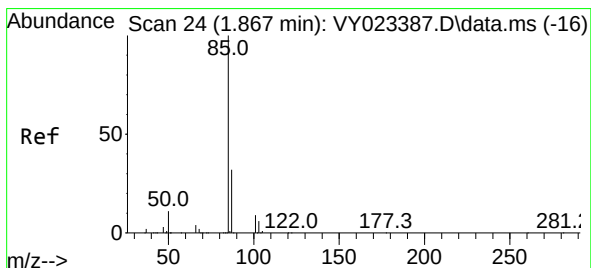
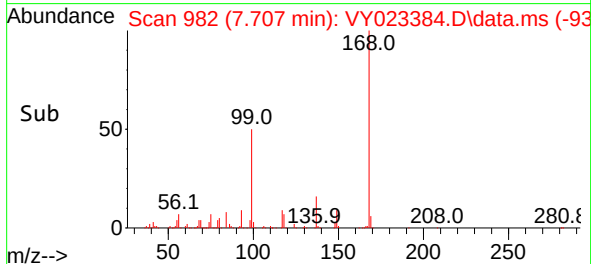
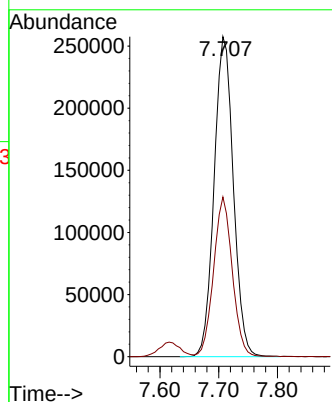
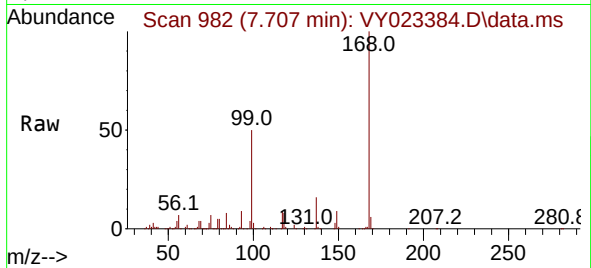
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023384.D
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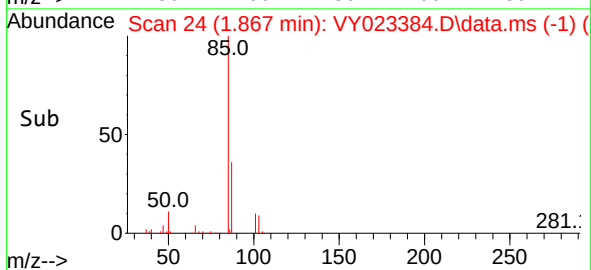
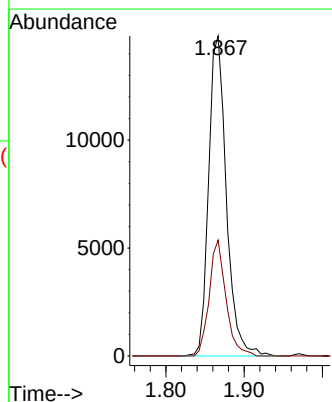
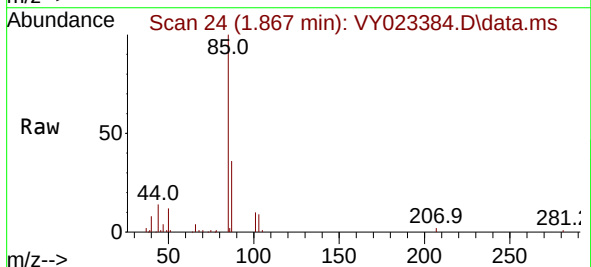
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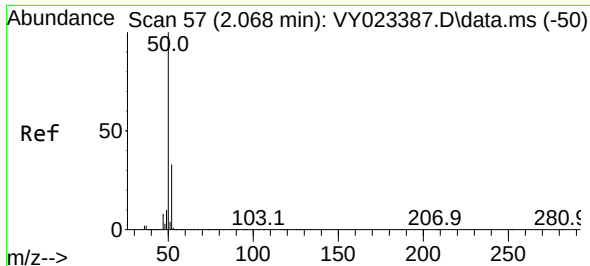
Tgt Ion:168 Resp: 585717
Ion Ratio Lower Upper
168 100
99 49.8 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 5.038 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 85 Resp: 23245
Ion Ratio Lower Upper
85 100
87 36.2 16.0 47.9

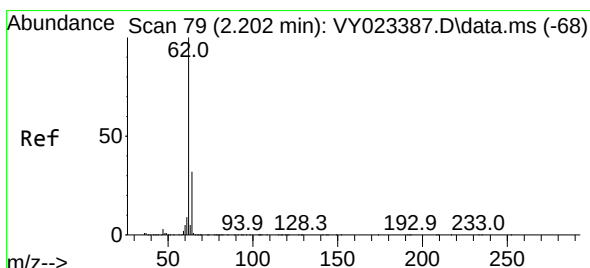
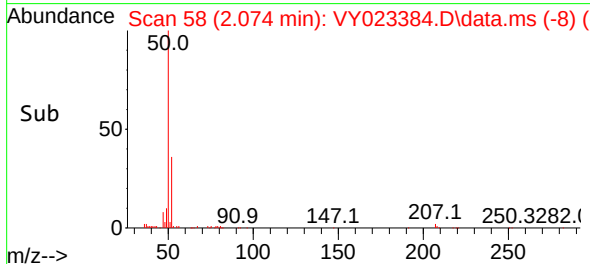
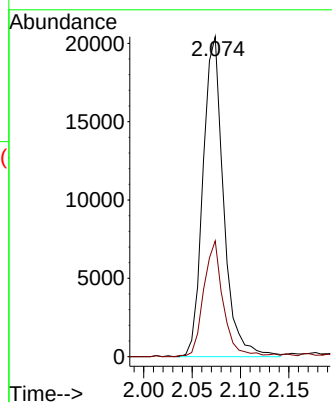
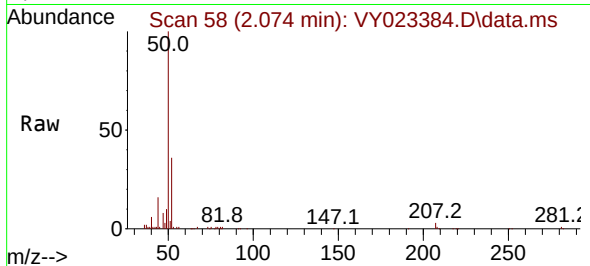




#3
Chloromethane
Concen: 4.627 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

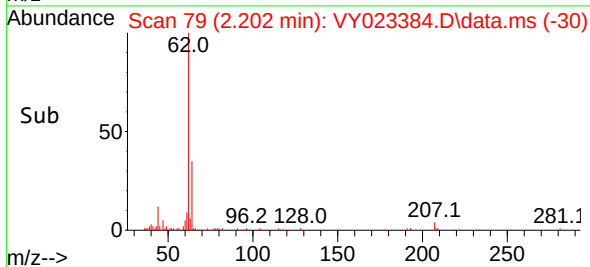
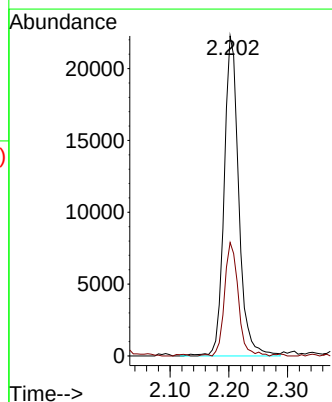
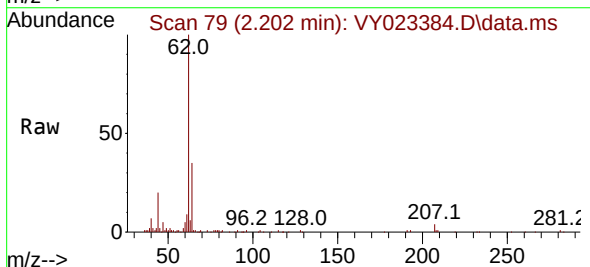
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

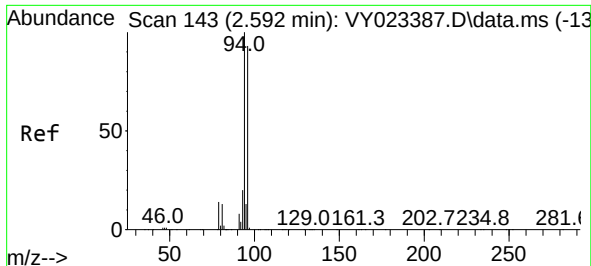
Tgt Ion: 50 Resp: 30346
Ion Ratio Lower Upper
50 100
52 35.8 26.2 39.2



#4
Vinyl Chloride
Concen: 4.668 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 62 Resp: 38657
Ion Ratio Lower Upper
62 100
64 35.0 25.8 38.8

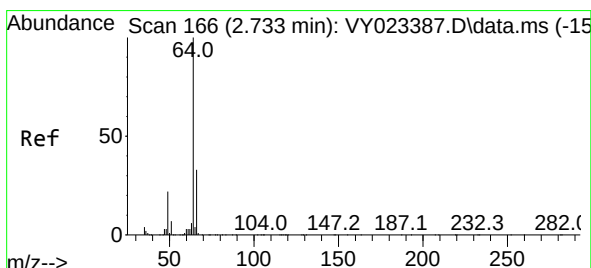
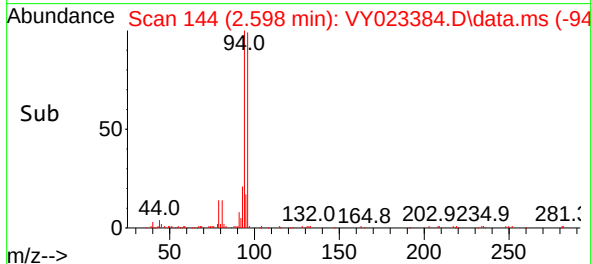
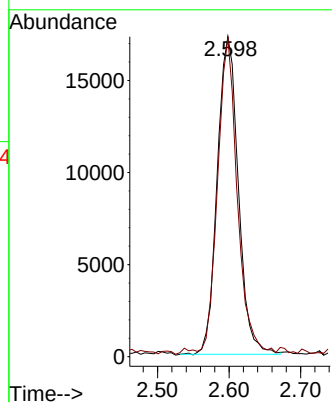
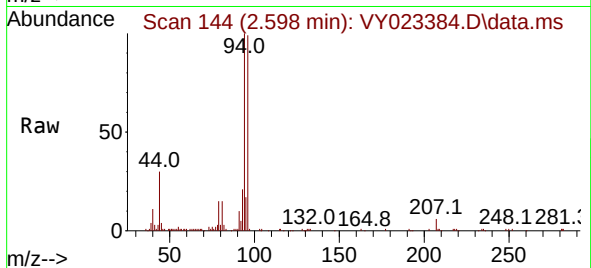




#5
Bromomethane
Concen: 5.184 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

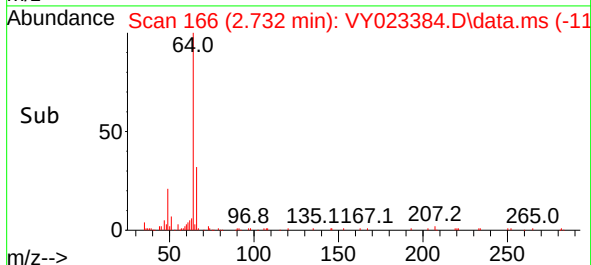
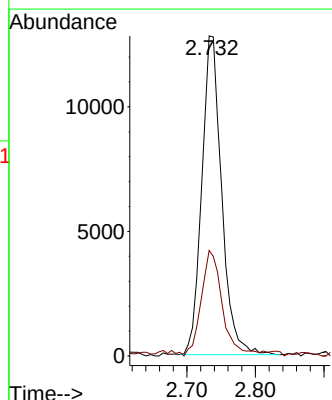
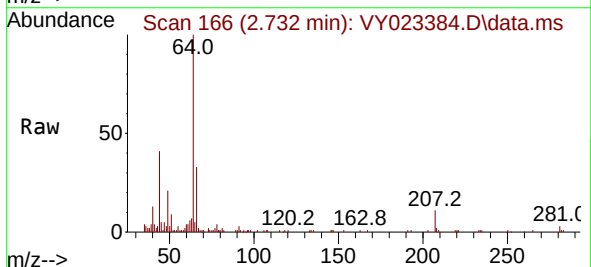
Instrument :
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ClientSampleId :
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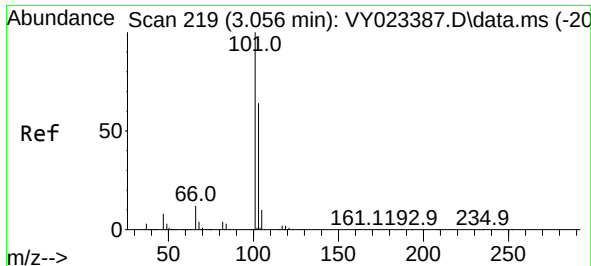
Tgt Ion: 94 Resp: 35214
Ion Ratio Lower Upper
94 100
96 99.0 74.5 111.7



#6
Chloroethane
Concen: 4.597 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 64 Resp: 25848
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

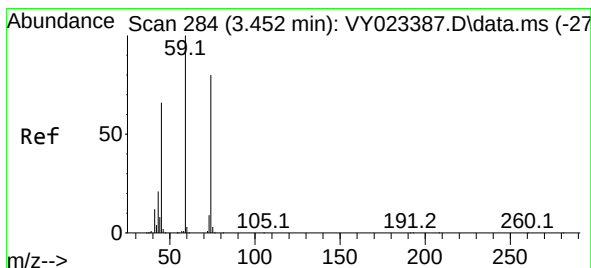
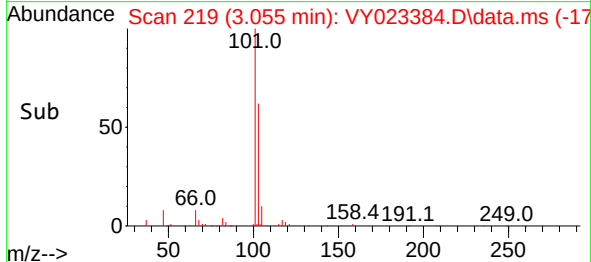
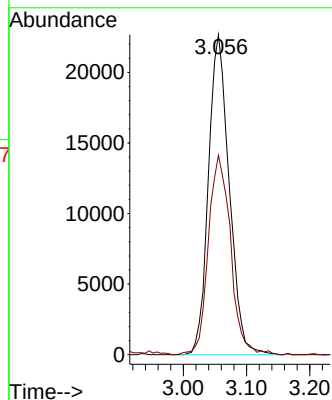
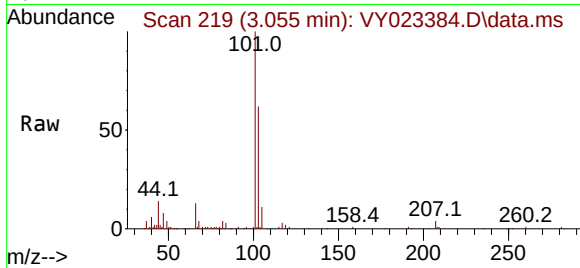




#7
 Trichlorofluoromethane
 Concen: 4.869 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023384.D
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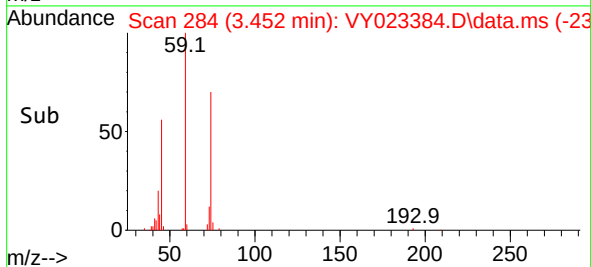
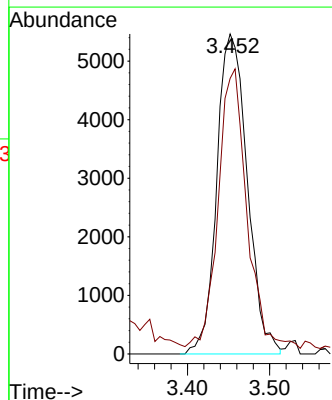
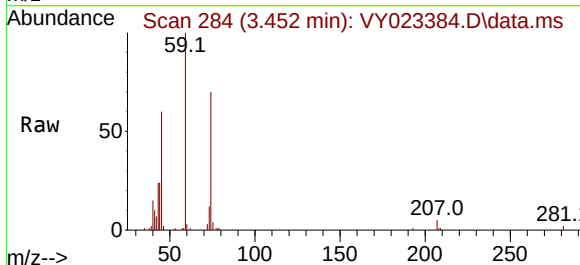
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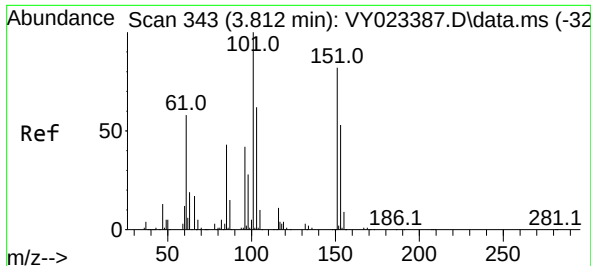
Tgt Ion:101 Resp: 51797
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.3 76.9



#8
 Diethyl Ether
 Concen: 5.060 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

Tgt Ion: 74 Resp: 14079
 Ion Ratio Lower Upper
 74 100
 45 82.9 39.9 119.7

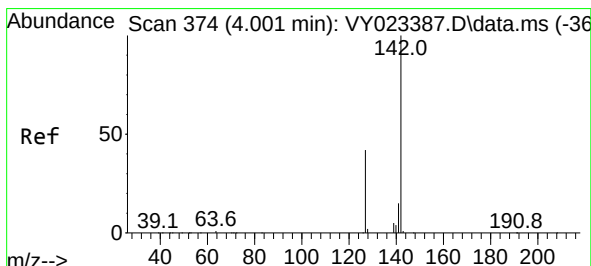
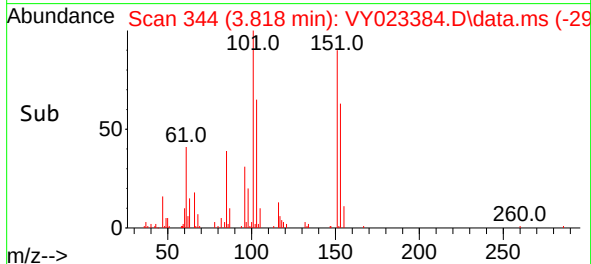
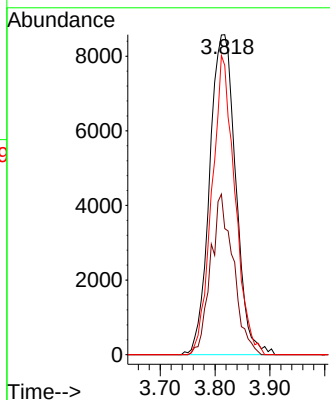
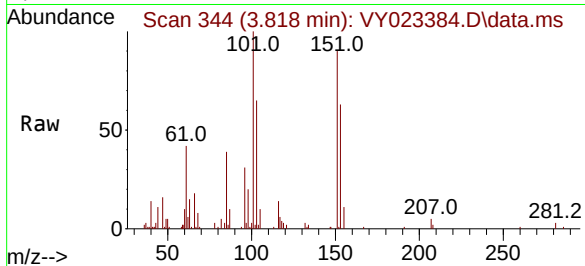




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.989 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023384.D
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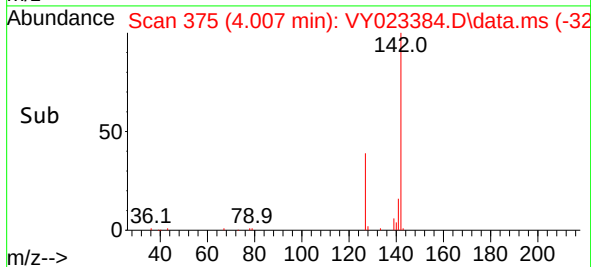
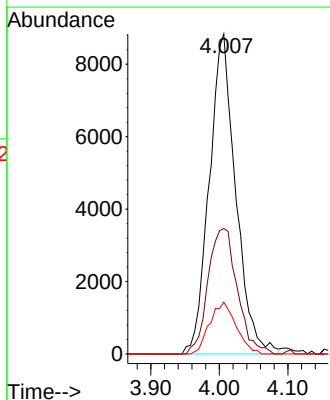
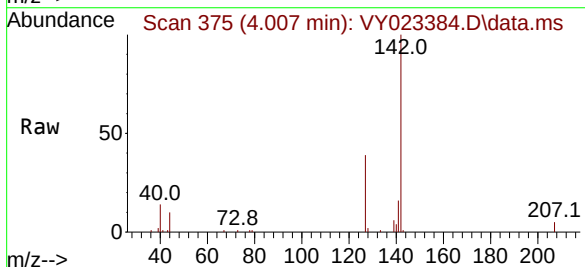
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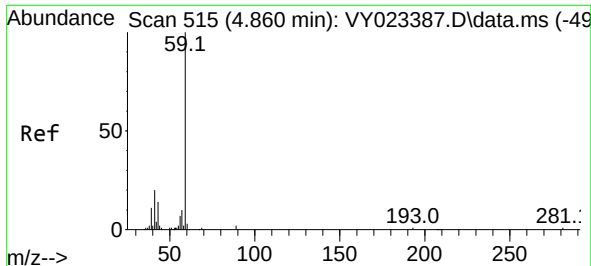
Tgt Ion:101 Resp: 28368
Ion Ratio Lower Upper
101 100
85 43.5 34.6 51.8
151 82.3 67.0 100.6



#10
Methyl Iodide
Concen: 3.606 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:142 Resp: 23692
Ion Ratio Lower Upper
142 100
127 43.3 34.8 52.2
141 16.2 11.6 17.4

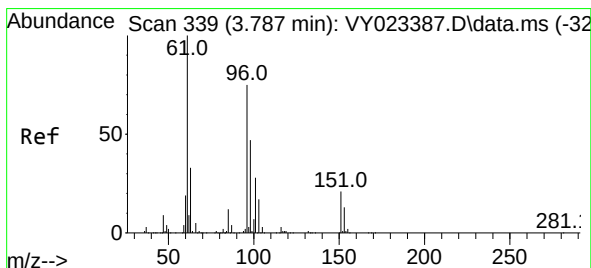
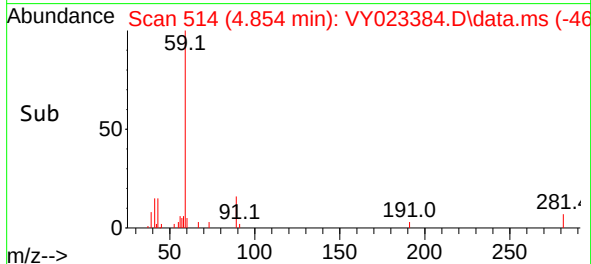
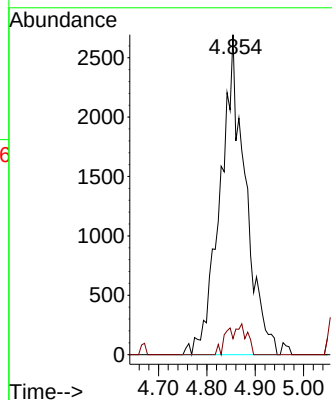
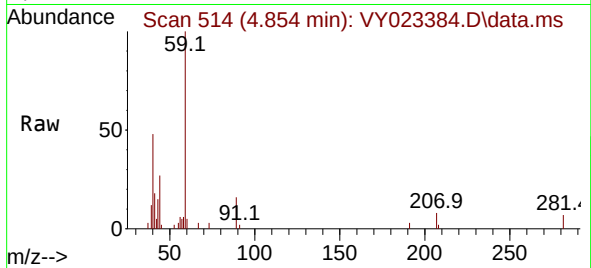




#11
Tert butyl alcohol
Concen: 32.746 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

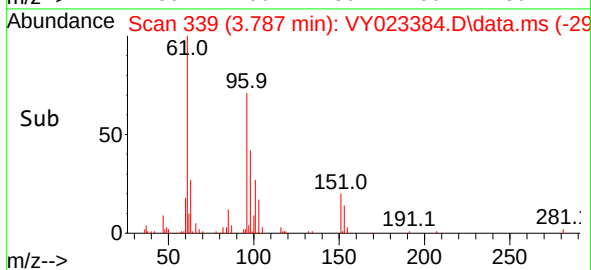
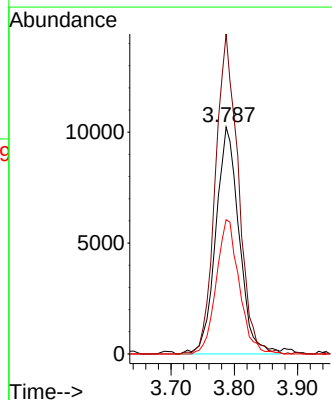
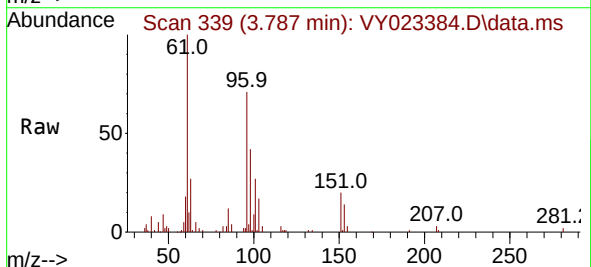
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

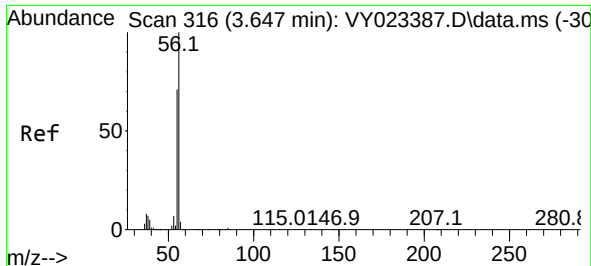
Tgt Ion: 59 Resp: 9774
Ion Ratio Lower Upper
59 100
57 3.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 4.806 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 96 Resp: 26290
Ion Ratio Lower Upper
96 100
61 141.0 106.7 160.1
98 59.1 50.2 75.4

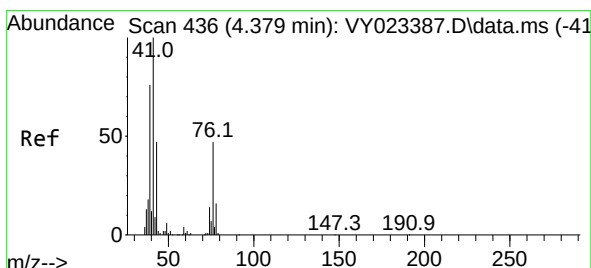
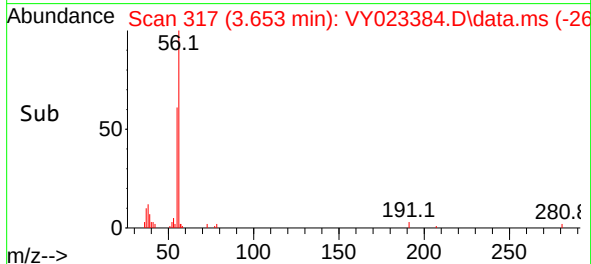
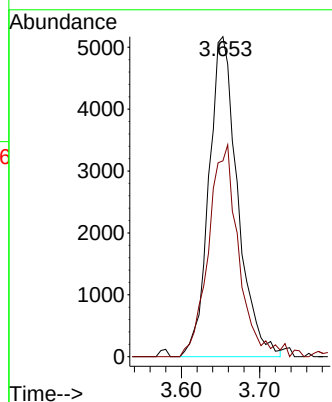
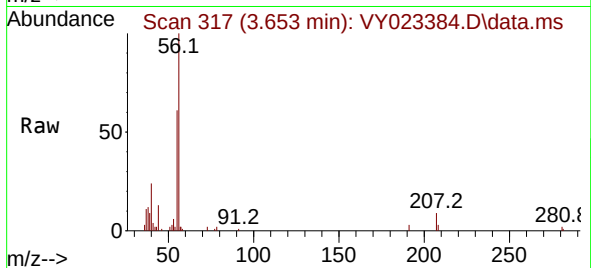




#13
Acrolein
Concen: 26.054 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

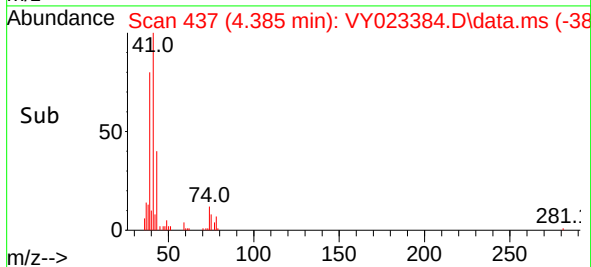
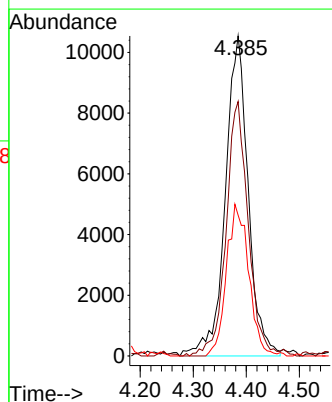
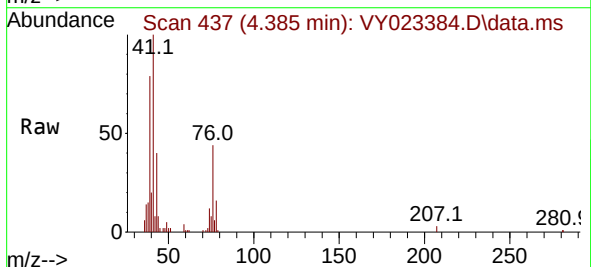
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

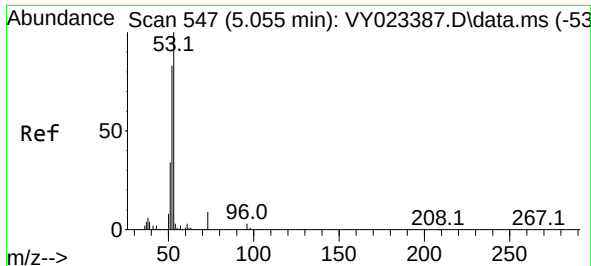
Tgt Ion: 56 Resp: 13176
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#14
Allyl chloride
Concen: 4.616 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 41 Resp: 31614
Ion Ratio Lower Upper
41 100
39 76.6 59.9 89.9
76 46.2 38.0 57.0

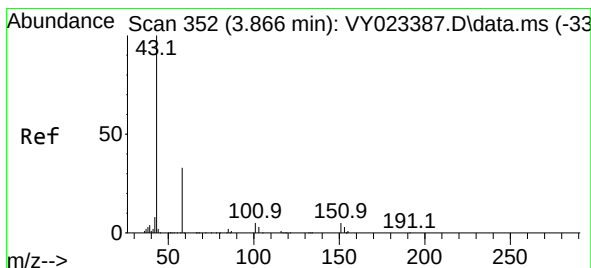
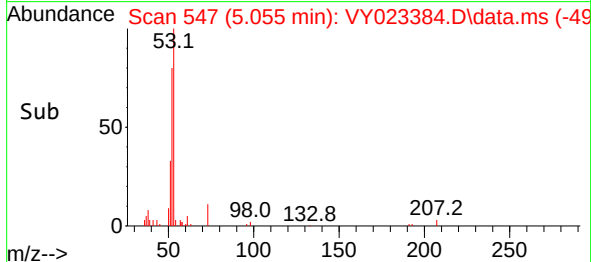
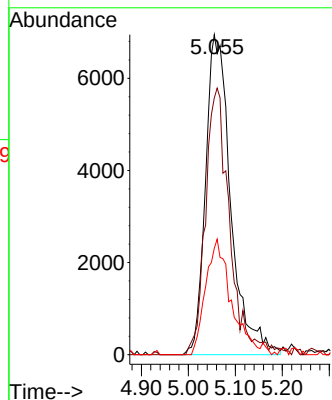
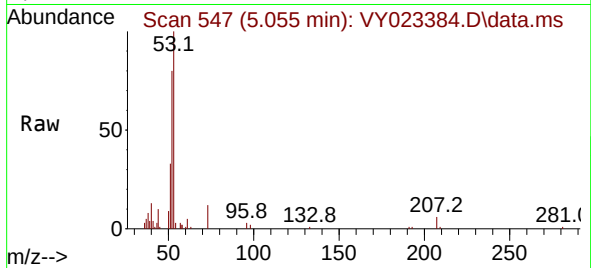




#15
Acrylonitrile
Concen: 23.754 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

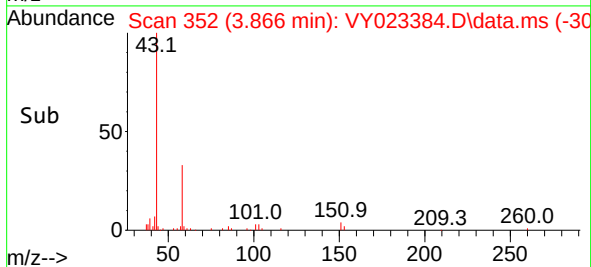
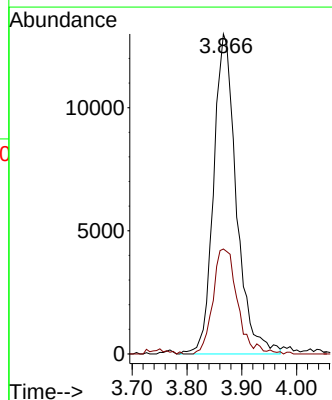
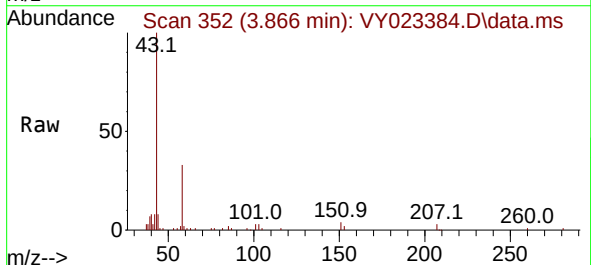
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

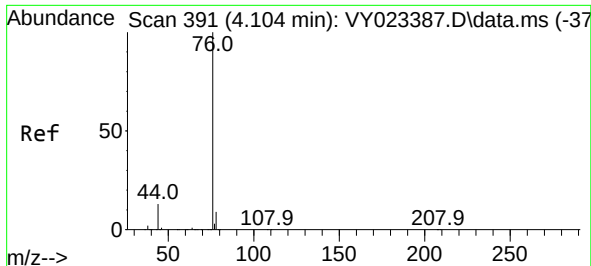
Tgt Ion: 53 Resp: 25891
Ion Ratio Lower Upper
53 100
52 79.7 64.6 97.0
51 36.3 29.5 44.3



#16
Acetone
Concen: 32.940 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 37573
Ion Ratio Lower Upper
43 100
58 32.1 27.7 41.5

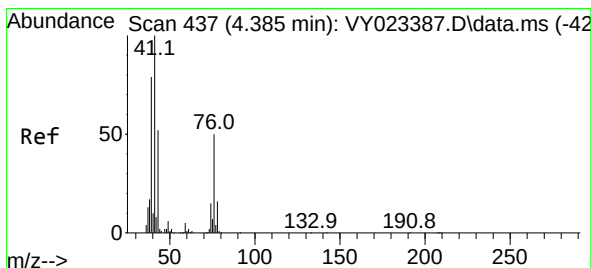
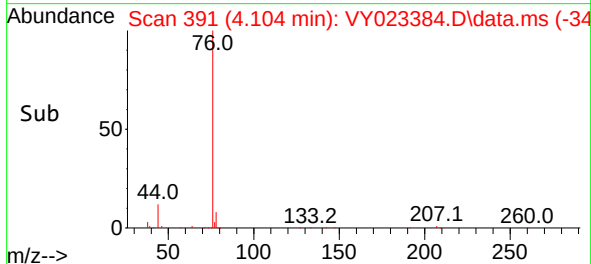
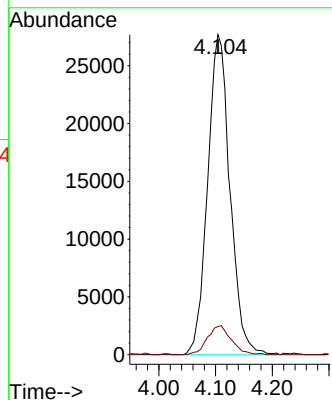
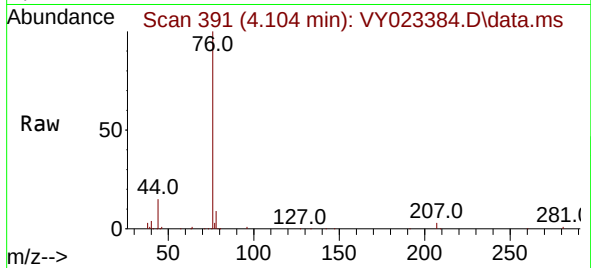




#17
Carbon Disulfide
Concen: 4.432 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

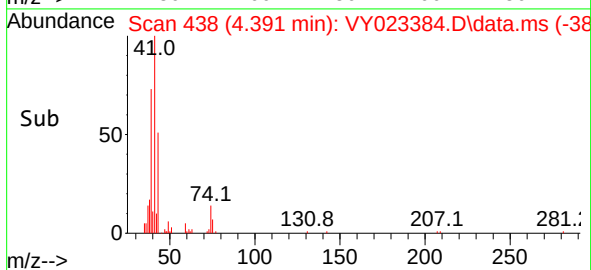
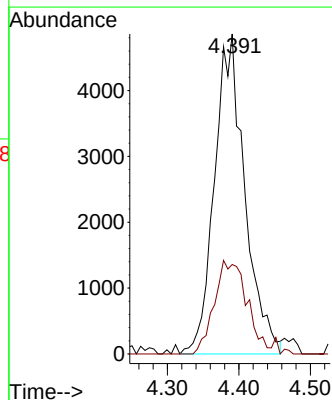
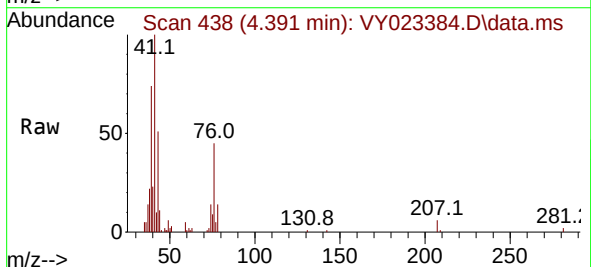
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

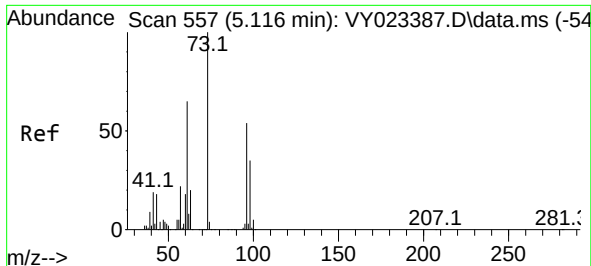
Tgt Ion: 76 Resp: 75645
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 4.926 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 14279
Ion Ratio Lower Upper
43 100
74 31.4 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 4.600 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

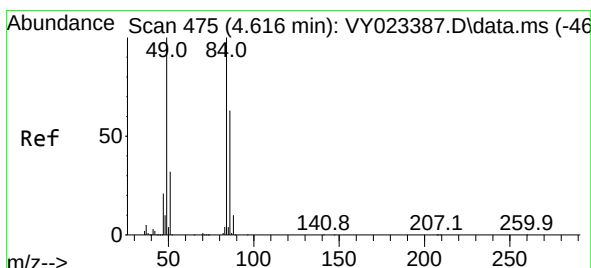
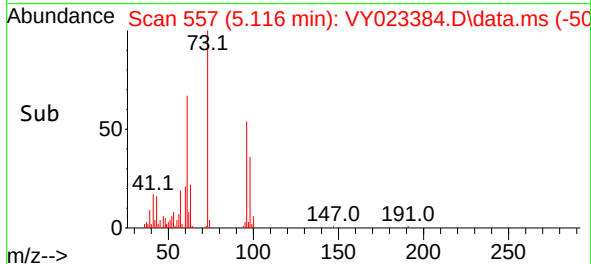
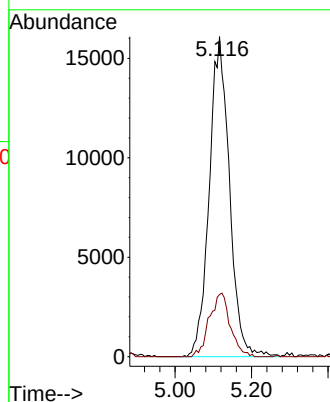
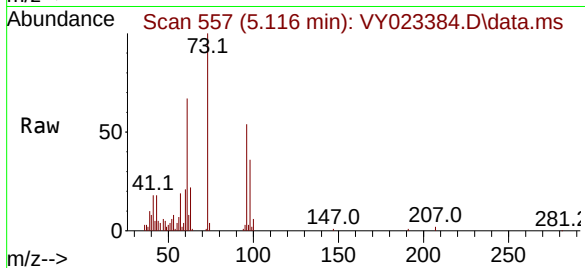
VSTDICC005

Tgt Ion: 73 Resp: 58919

Ion Ratio Lower Upper

73 100

57 19.4 17.4 26.0



#20

Methylene Chloride

Concen: 5.917 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Tgt Ion: 84 Resp: 36598

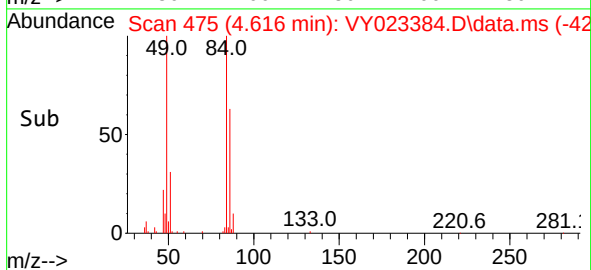
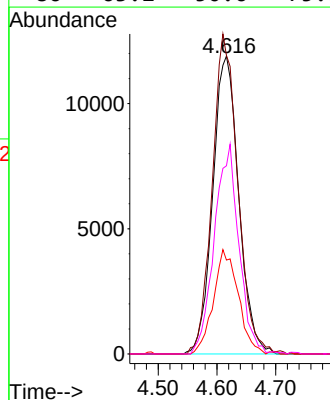
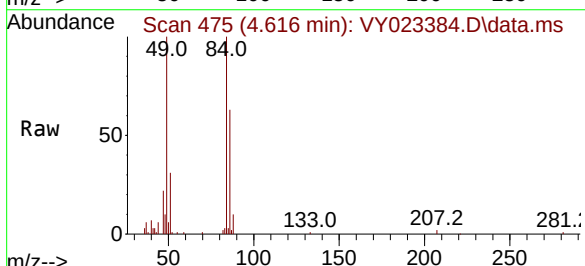
Ion Ratio Lower Upper

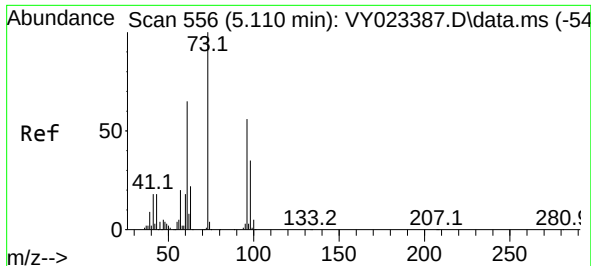
84 100

49 100.3 80.2 120.4

51 31.6 25.9 38.9

86 63.2 50.6 75.8

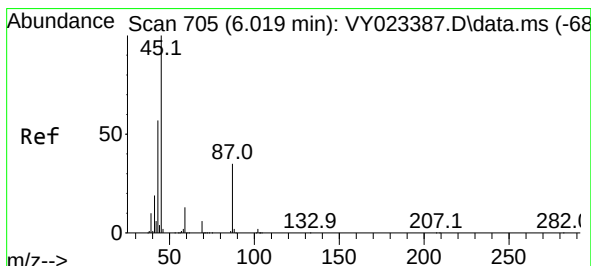
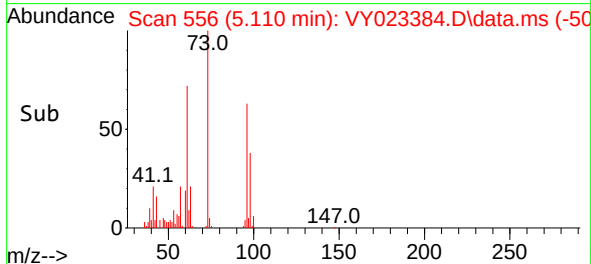
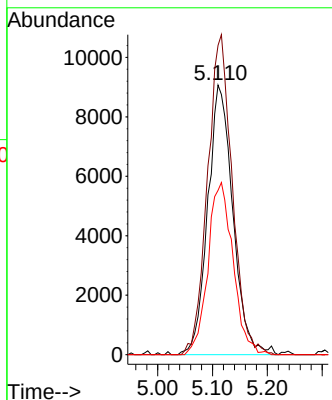
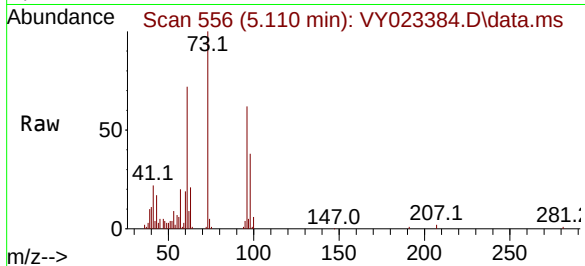




#21
trans-1,2-Dichloroethene
Concen: 4.754 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

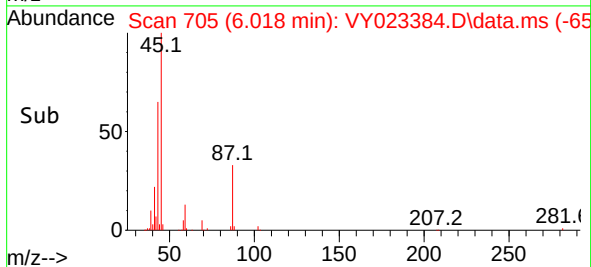
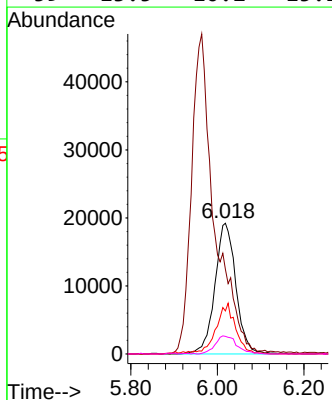
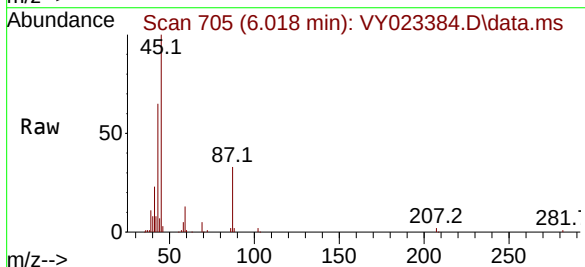
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

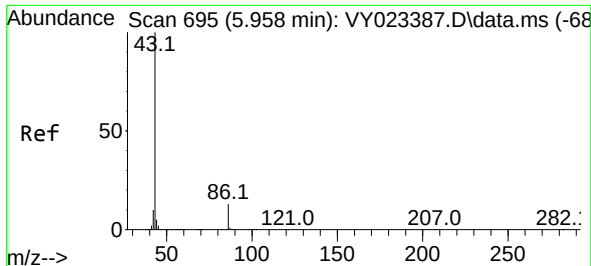
Tgt Ion: 96 Resp: 28923
Ion Ratio Lower Upper
96 100
61 114.7 92.7 139.1
98 61.0 49.7 74.5



#22
Diisopropyl ether
Concen: 4.269 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 45 Resp: 64833
Ion Ratio Lower Upper
45 100
43 63.0 45.6 68.4
87 32.9 28.1 42.1
59 13.5 10.2 15.2

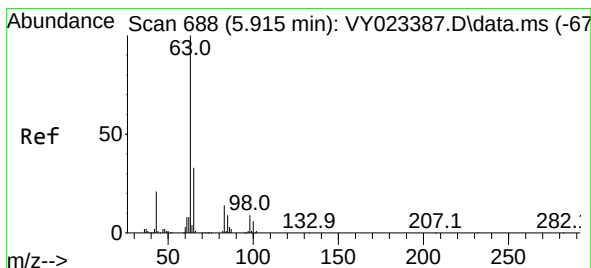
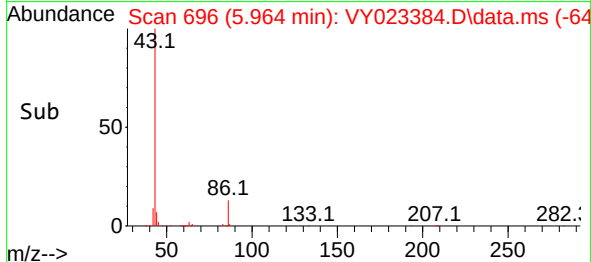
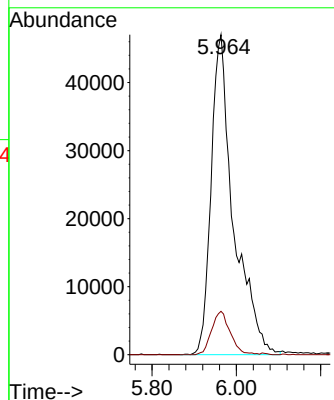
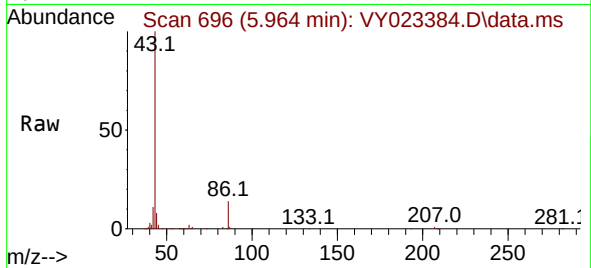




#23
 Vinyl Acetate
 Concen: 20.824 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

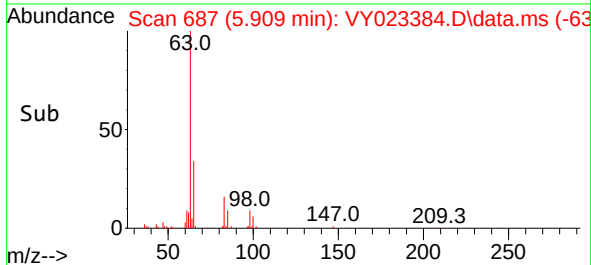
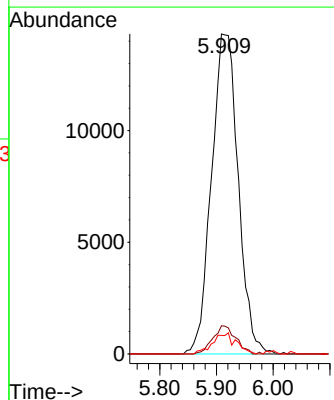
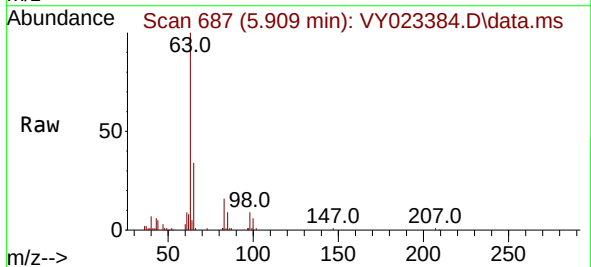
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

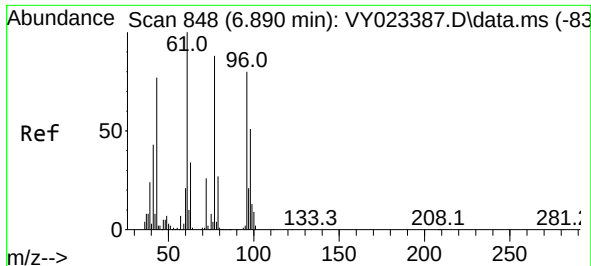
Tgt Ion: 43 Resp: 173851
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 4.679 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

Tgt Ion: 63 Resp: 46850
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.3 13.1
 100 5.8 2.8 8.4





#25

2-Butanone

Concen: 27.656 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

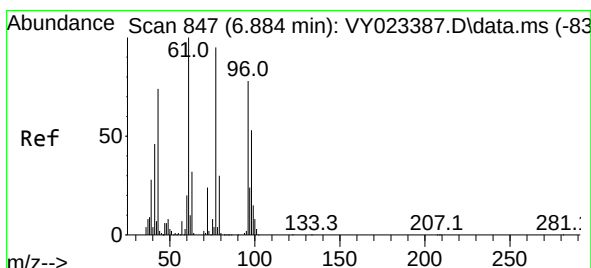
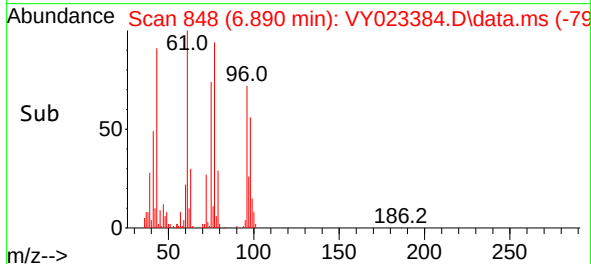
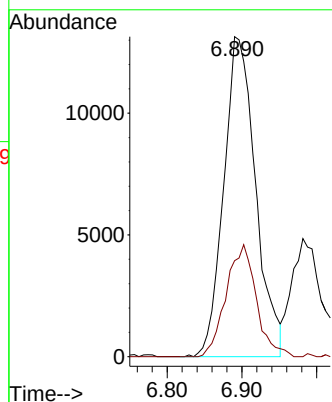
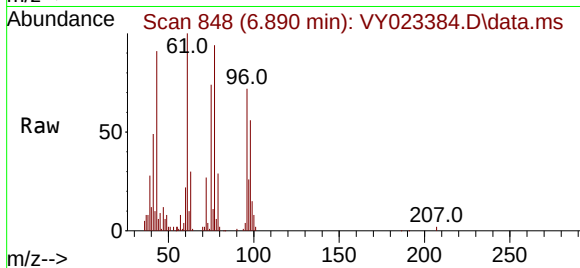
VSTDIC005

Tgt Ion: 43 Resp: 38990

Ion Ratio Lower Upper

43 100

72 30.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 4.953 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023384.D

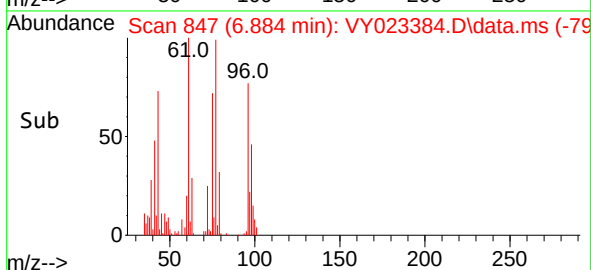
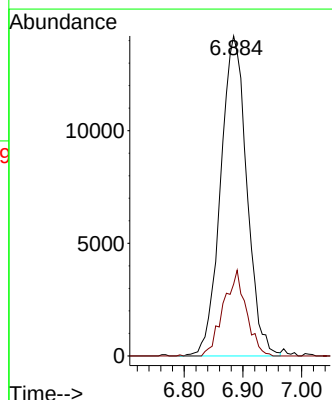
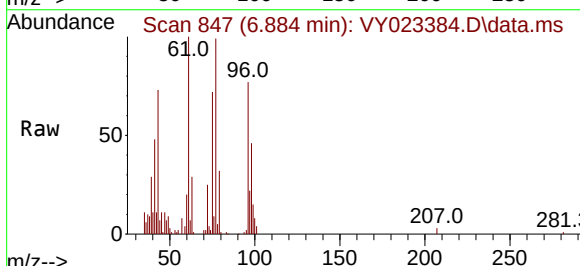
Acq: 07 Oct 2025 09:17

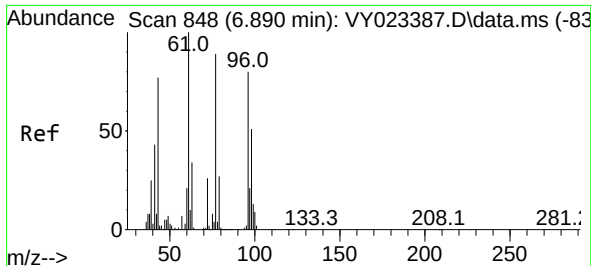
Tgt Ion: 77 Resp: 44062

Ion Ratio Lower Upper

77 100

97 23.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 4.600 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

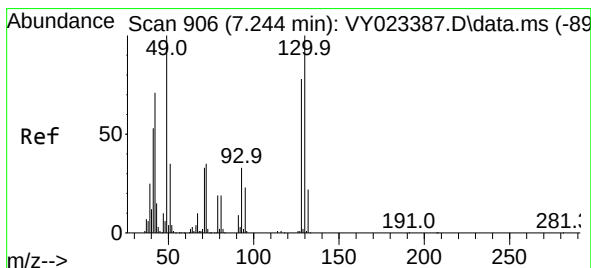
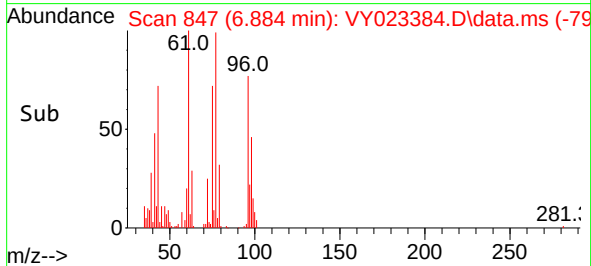
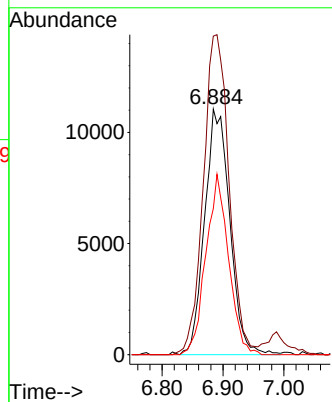
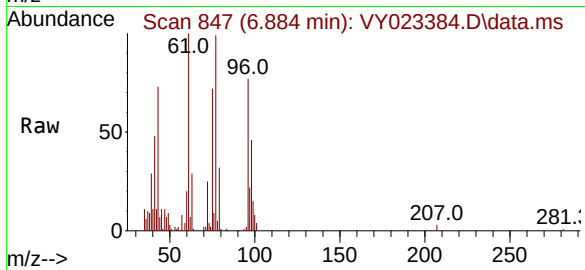
Tgt Ion: 96 Resp: 31743

Ion Ratio Lower Upper

96 100

61 133.3 0.0 258.2

98 66.1 0.0 132.0



#28

Bromochloromethane

Concen: 5.006 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

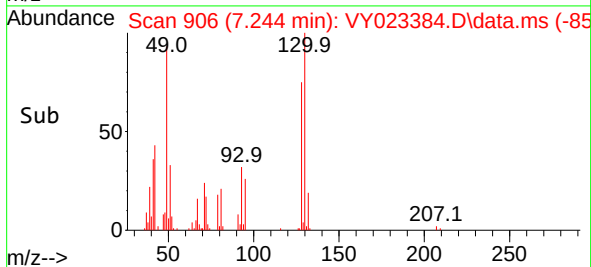
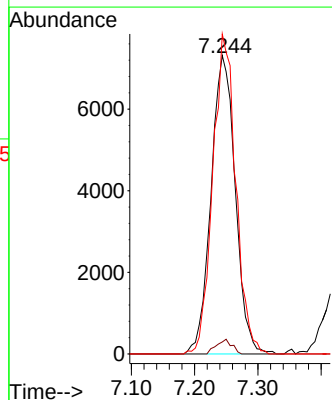
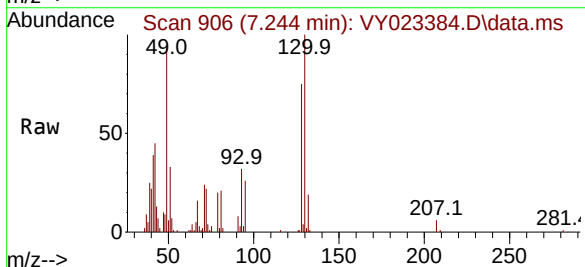
Tgt Ion: 49 Resp: 19445

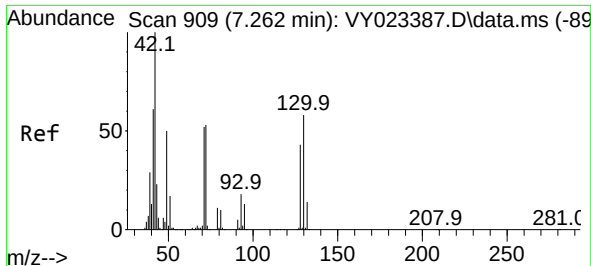
Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.6

130 101.5 81.9 122.9

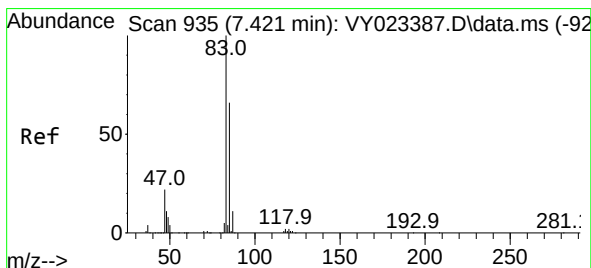
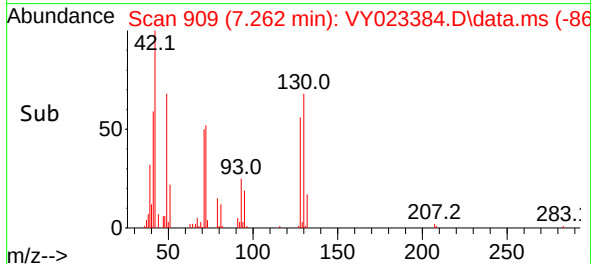
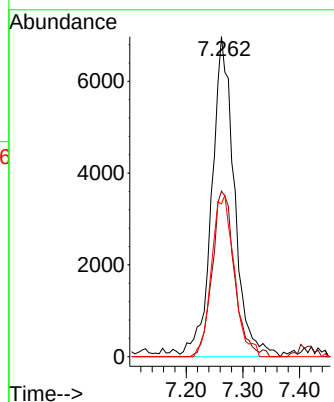
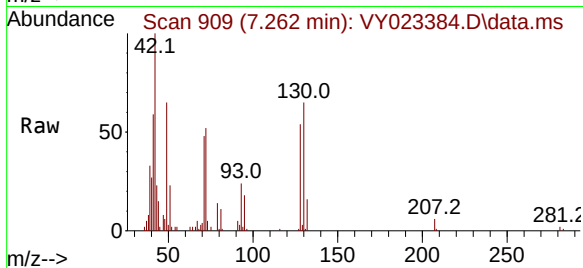




#29
Tetrahydrofuran
Concen: 23.059 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

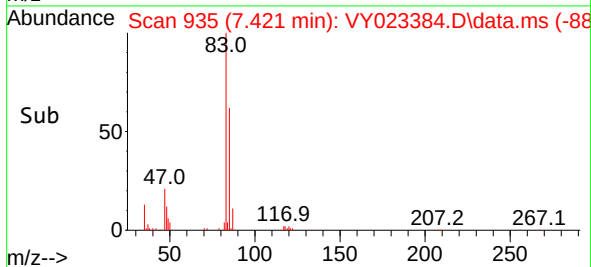
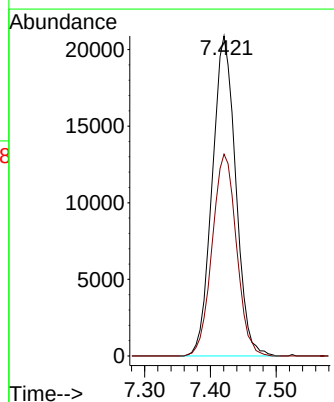
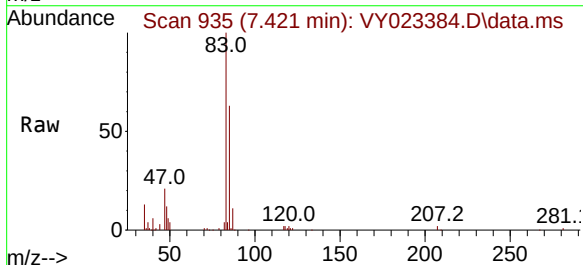
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

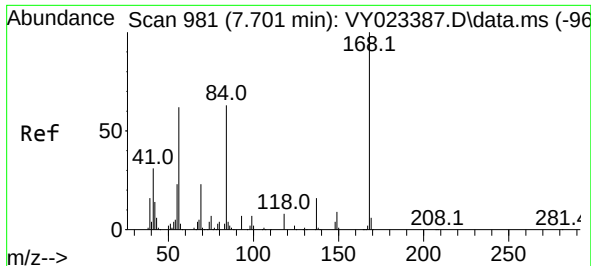
Tgt Ion: 42 Resp: 19296
Ion Ratio Lower Upper
42 100
72 51.0 43.0 64.6
71 50.4 40.1 60.1



#30
Chloroform
Concen: 4.806 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 83 Resp: 51887
Ion Ratio Lower Upper
83 100
85 63.0 52.5 78.7

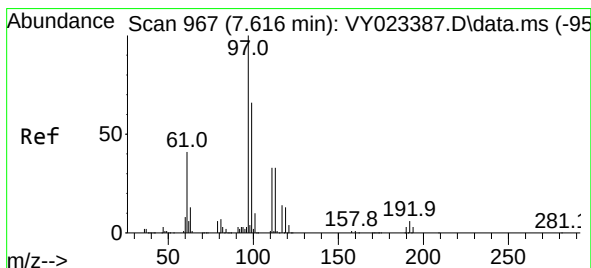
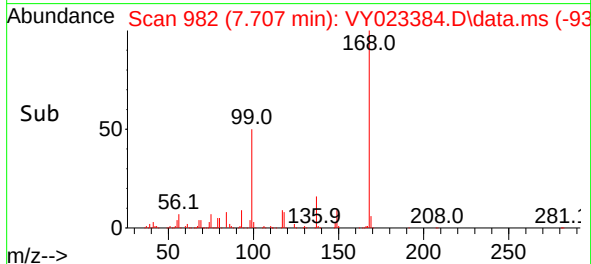
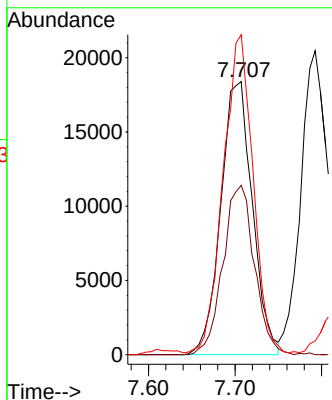
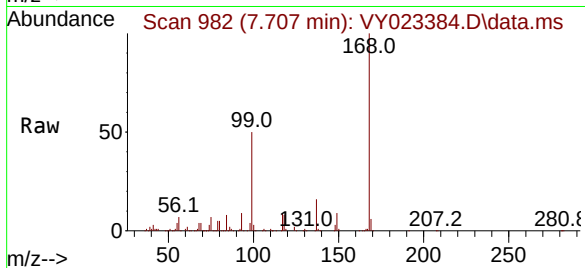




#31
Cyclohexane
Concen: 5.279 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

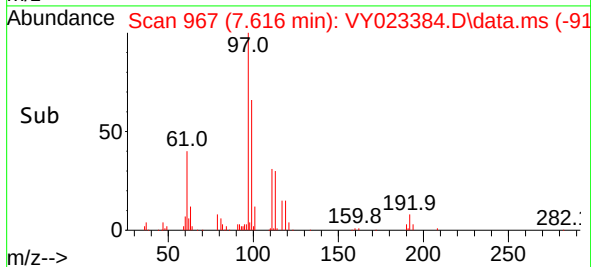
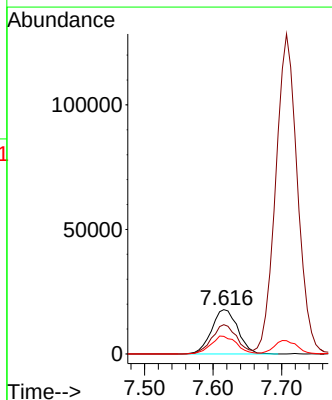
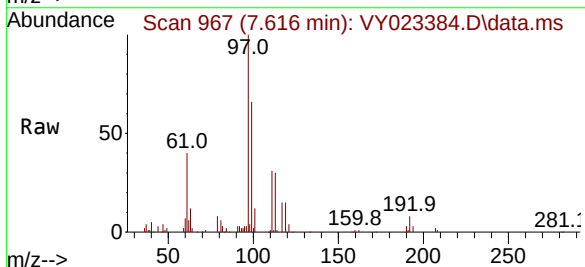
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

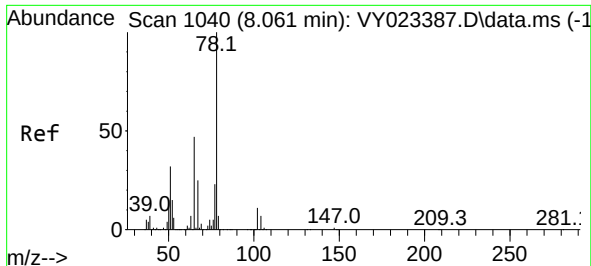
Tgt Ion: 56 Resp: 46675
Ion Ratio Lower Upper
56 100
69 62.0 30.0 45.0#
84 115.8 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 4.881 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 97 Resp: 47305
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.2
61 39.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 5.258 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

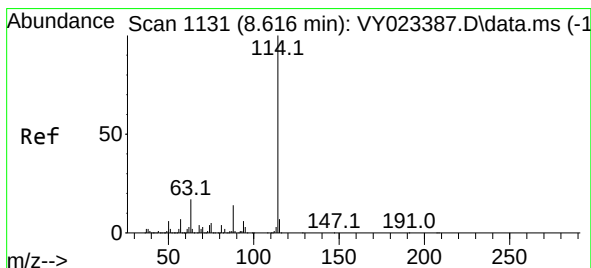
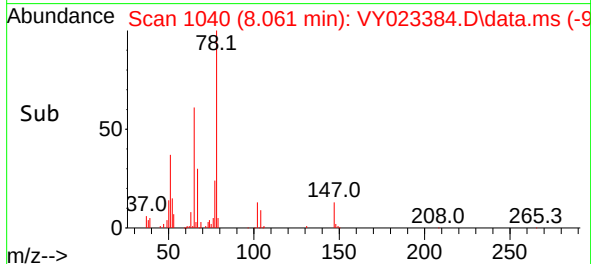
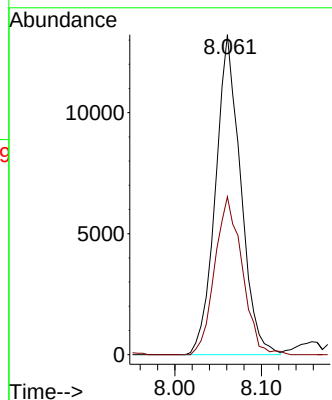
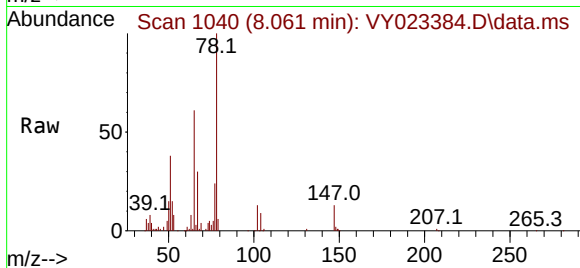
VSTDICC005

Tgt Ion: 65 Resp: 26670

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

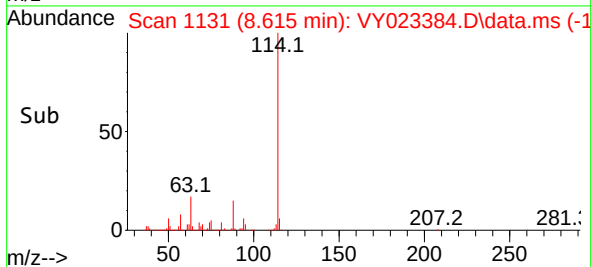
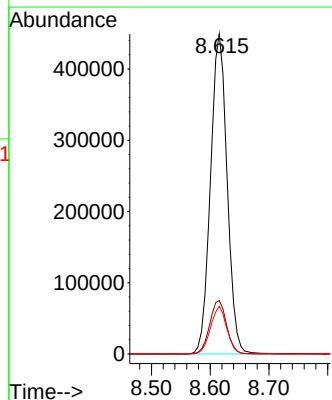
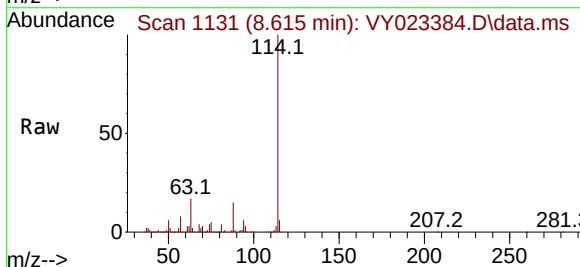
Tgt Ion: 114 Resp: 882488

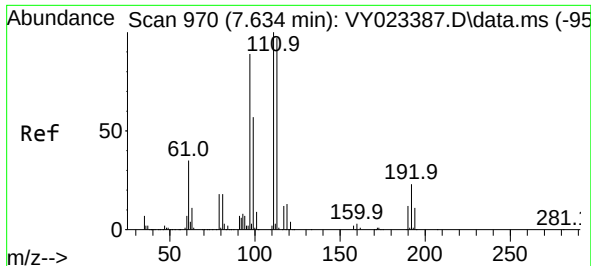
Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

88 14.9 0.0 28.4

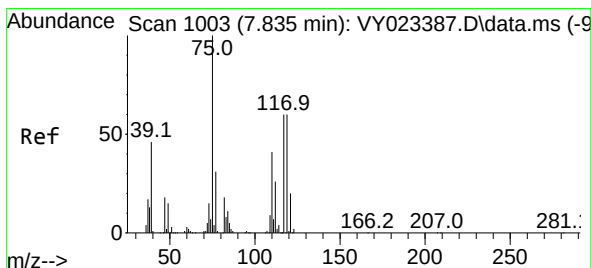
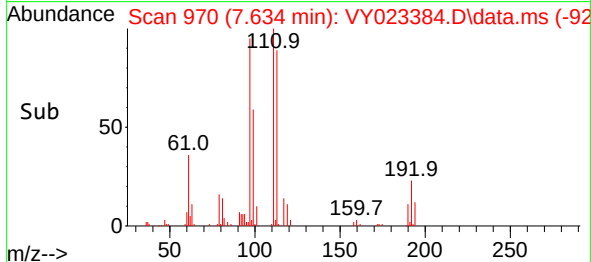
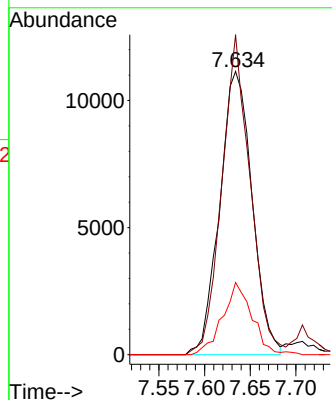
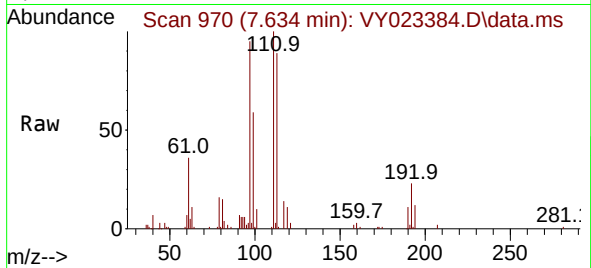




#35
Dibromofluoromethane
Concen: 5.126 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

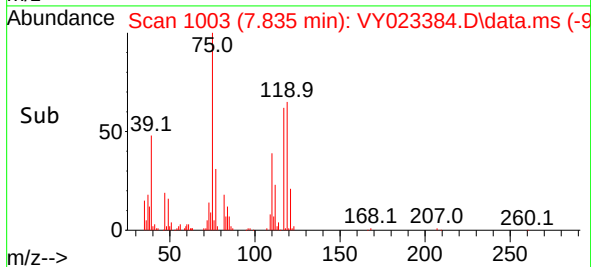
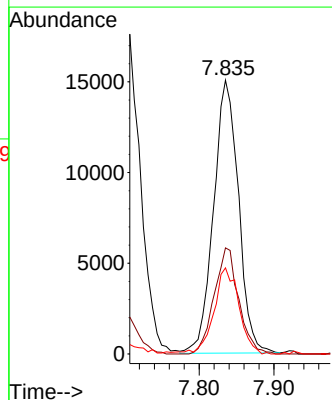
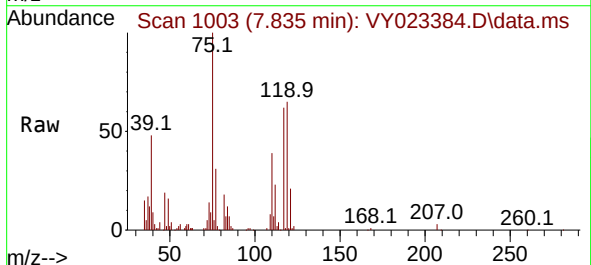
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

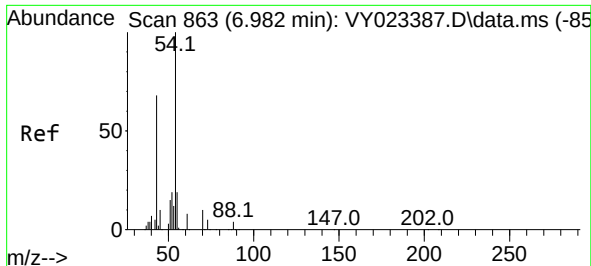
Tgt Ion:113 Resp: 27455
Ion Ratio Lower Upper
113 100
111 99.0 81.8 122.6
192 23.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 34888
Ion Ratio Lower Upper
75 100
110 38.3 19.9 59.7
77 32.1 25.0 37.6

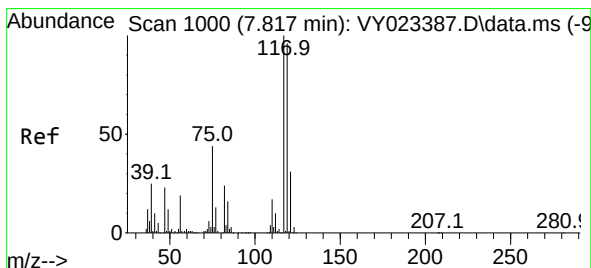
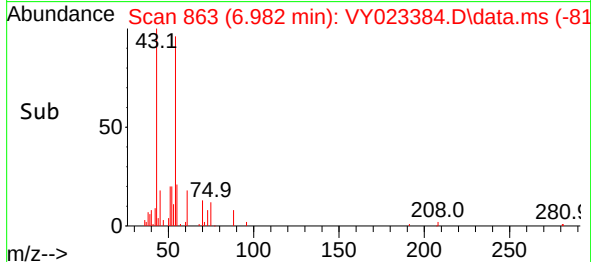
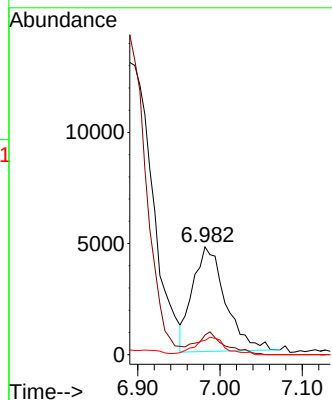
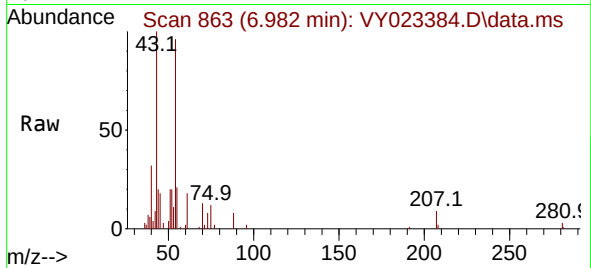




#37
Ethyl Acetate
Concen: 4.379 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

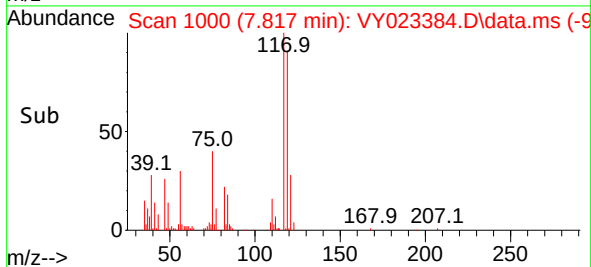
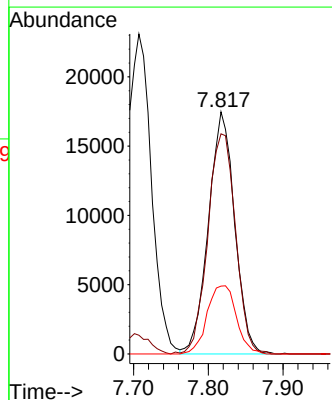
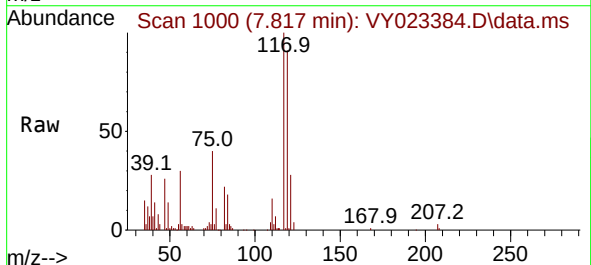
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

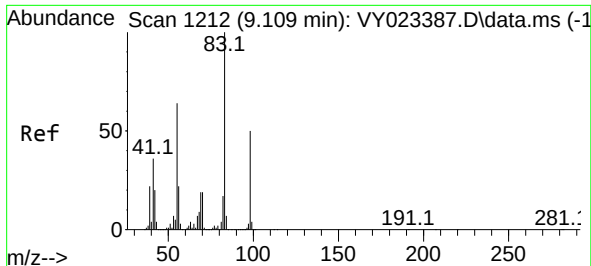
Tgt Ion: 43 Resp: 13082
Ion Ratio Lower Upper
43 100
61 18.2 11.8 17.8#
70 15.0 10.5 15.7



#38
Carbon Tetrachloride
Concen: 4.859 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 117 Resp: 42654
Ion Ratio Lower Upper
117 100
119 91.0 76.8 115.2
121 28.0 24.5 36.7





#39

Methylcyclohexane

Concen: 4.479 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

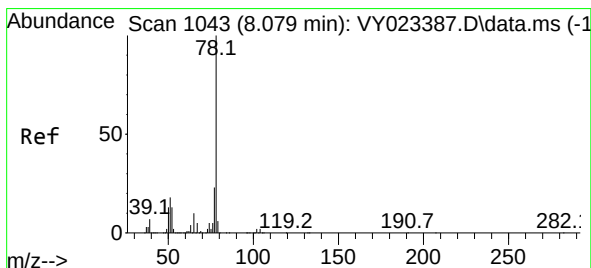
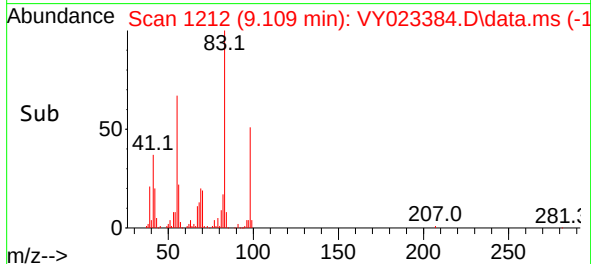
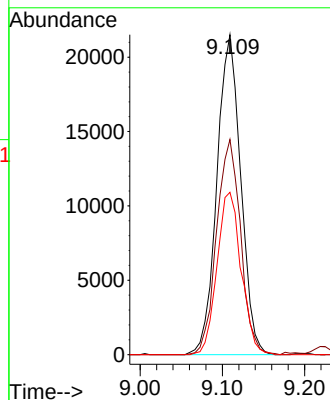
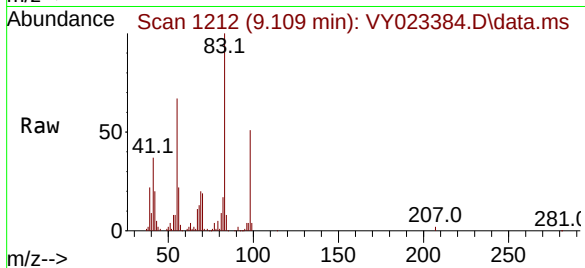
Tgt Ion: 83 Resp: 43329

Ion Ratio Lower Upper

83 100

55 67.2 51.4 77.2

98 50.8 40.4 60.6



#40

Benzene

Concen: 4.693 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023384.D

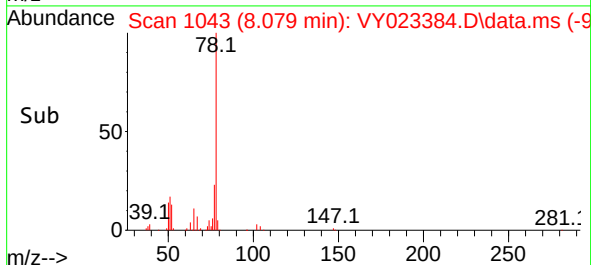
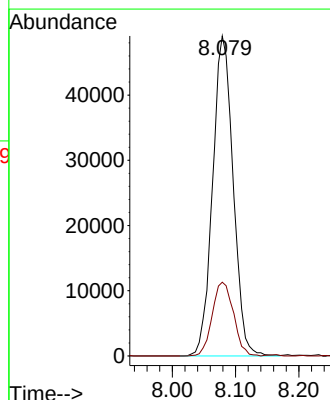
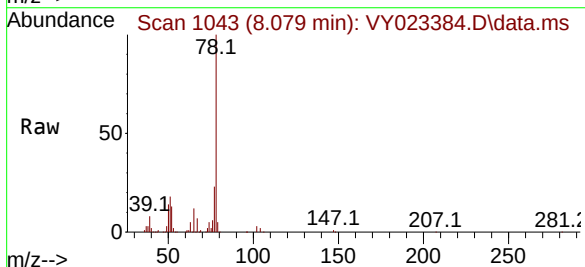
Acq: 07 Oct 2025 09:17

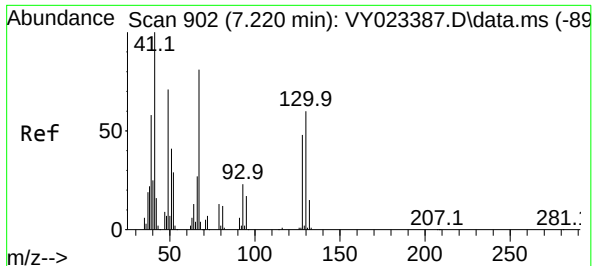
Tgt Ion: 78 Resp: 110551

Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5

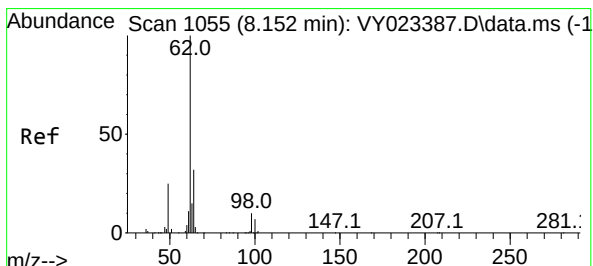
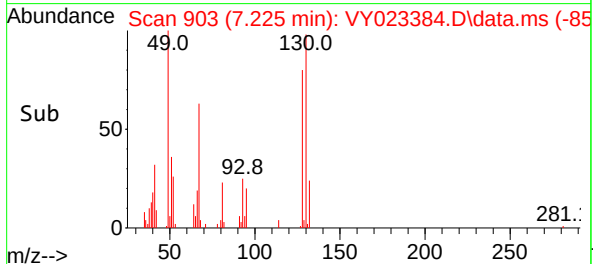
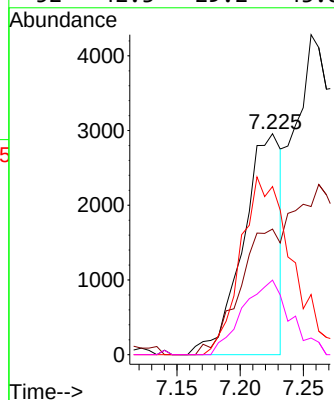
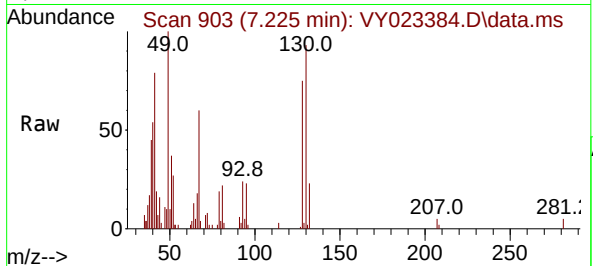




#41
Methacrylonitrile
Concen: 3.999 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

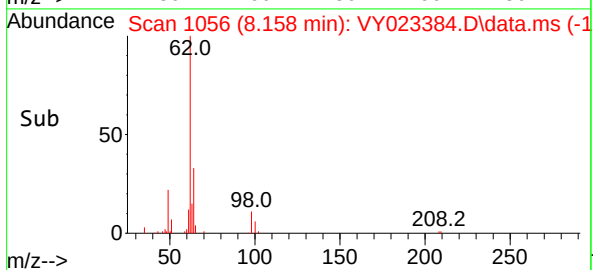
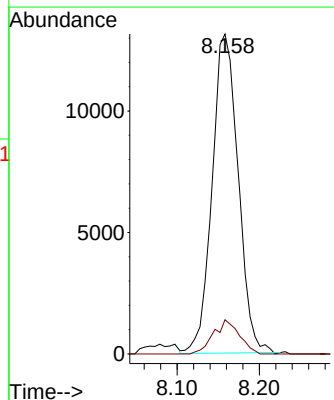
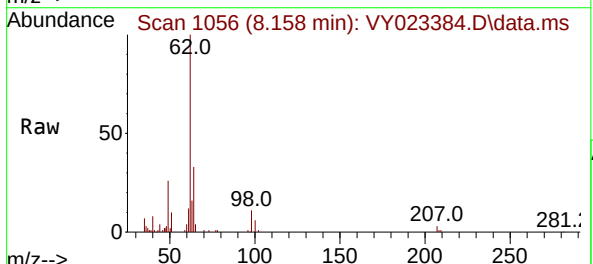
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

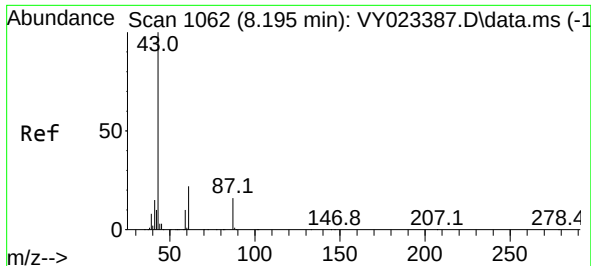
Tgt Ion: 41 Resp: 6205
Ion Ratio Lower Upper
41 100
39 0.0 52.2 78.4#
67 110.8 74.9 112.3
52 42.3 29.2 43.8



#42
1,2-Dichloroethane
Concen: 4.828 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 62 Resp: 28940
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.6

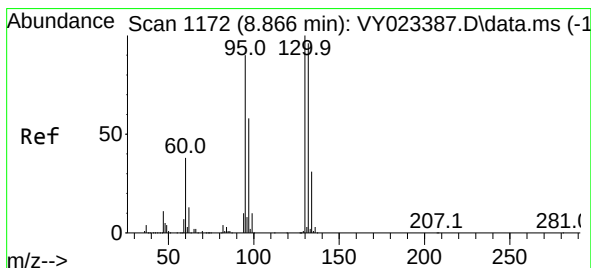
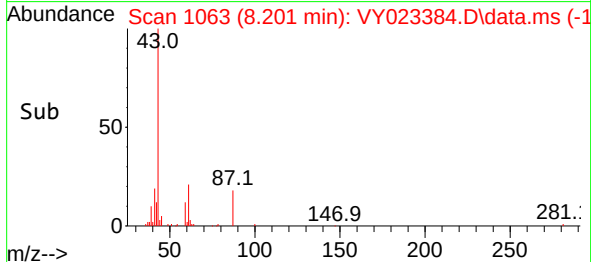
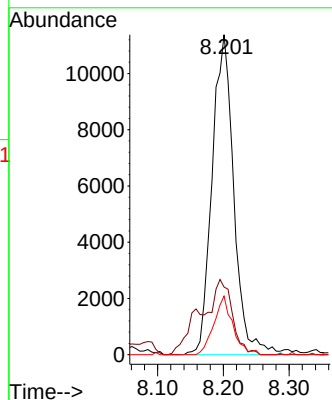
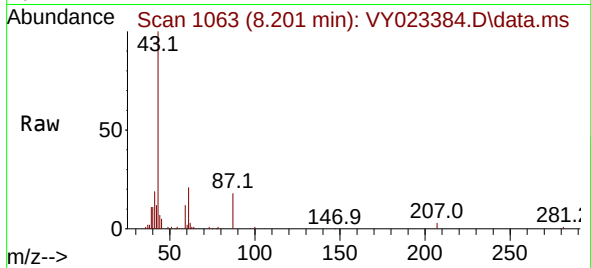




#43
Isopropyl Acetate
Concen: 4.503 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

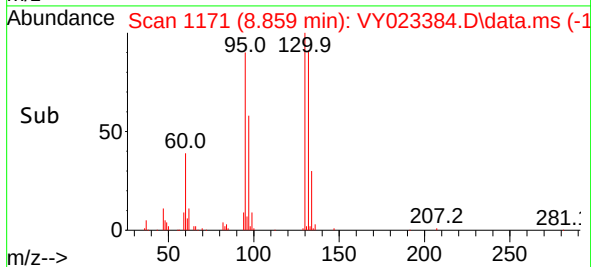
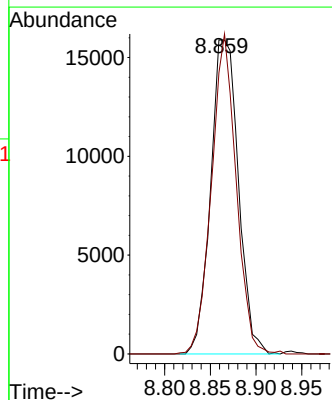
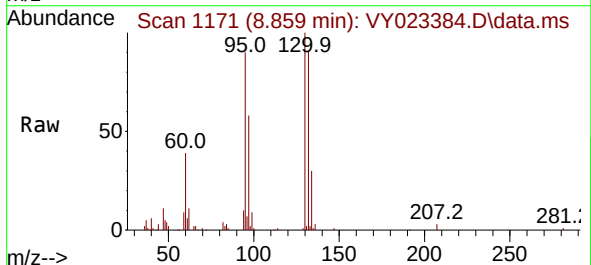
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

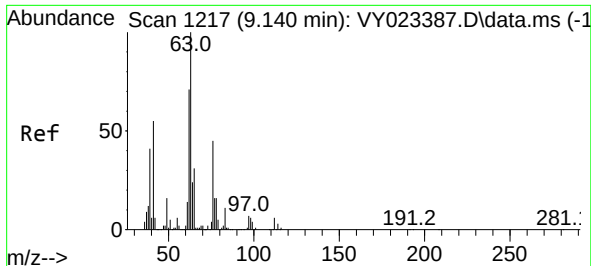
Tgt Ion: 43 Resp: 26166
Ion Ratio Lower Upper
43 100
61 22.6 18.1 27.1
87 15.9 13.5 20.3



#44
Trichloroethene
Concen: 5.077 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:130 Resp: 33564
Ion Ratio Lower Upper
130 100
95 89.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 4.595 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

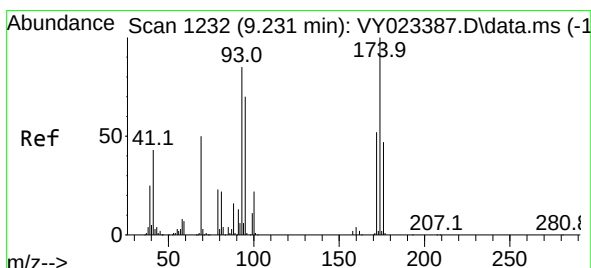
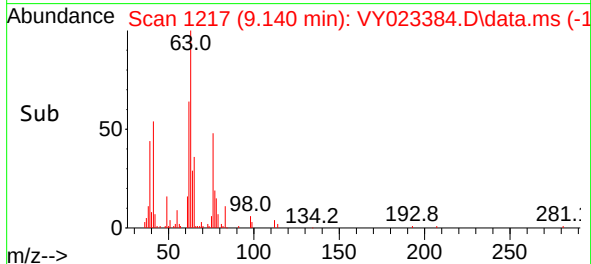
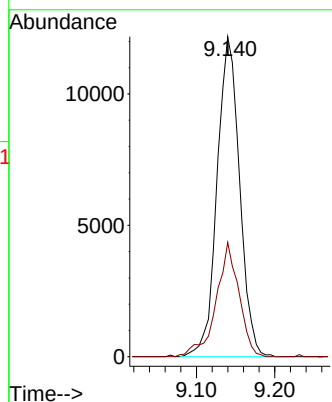
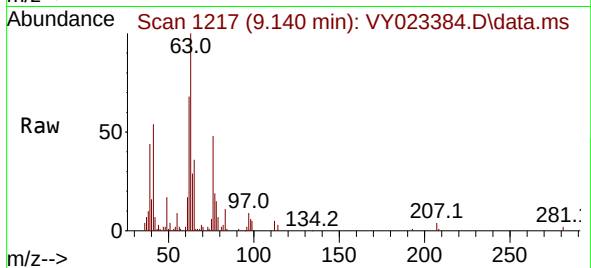
VSTDIC005

Tgt Ion: 63 Resp: 24358

Ion Ratio Lower Upper

63 100

65 35.7 24.9 37.3



#46

Dibromomethane

Concen: 4.682 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

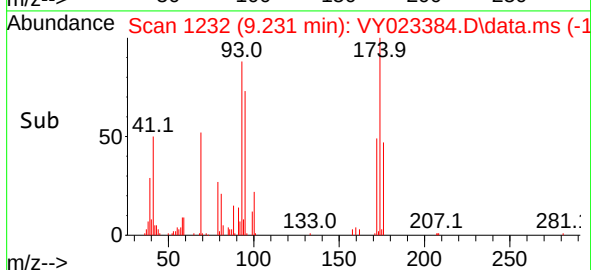
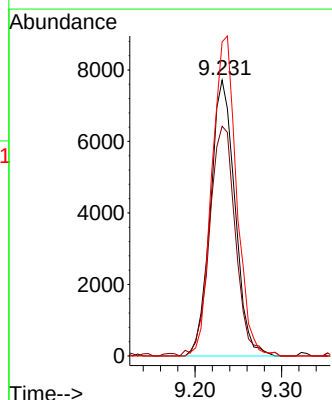
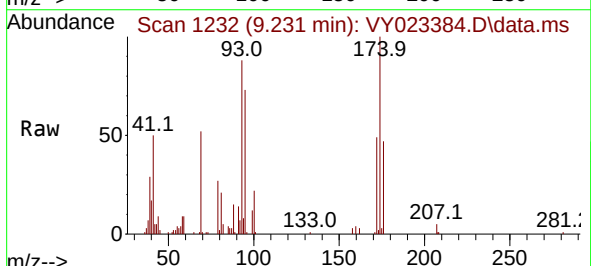
Tgt Ion: 93 Resp: 15179

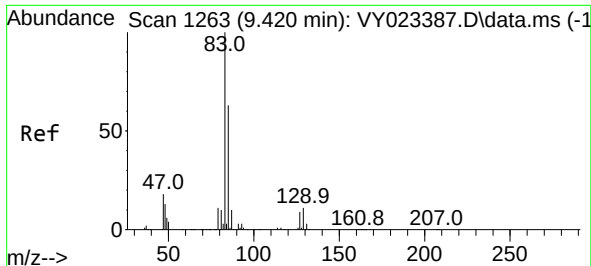
Ion Ratio Lower Upper

93 100

95 87.6 65.4 98.0

174 116.2 92.9 139.3

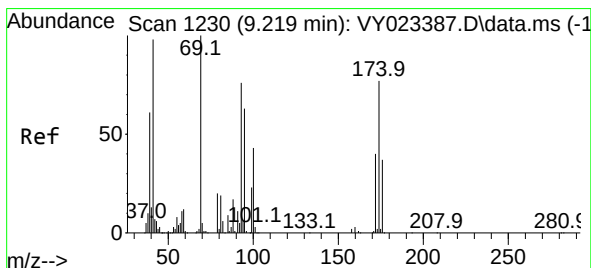
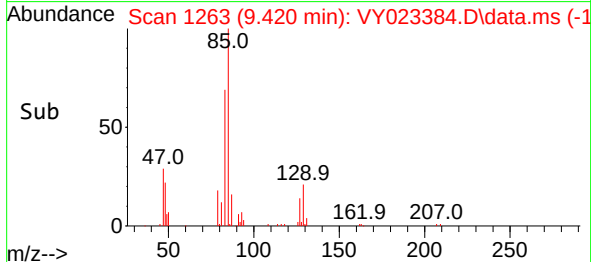
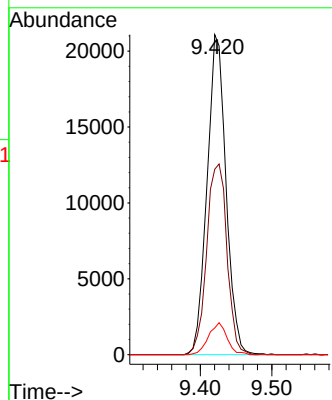
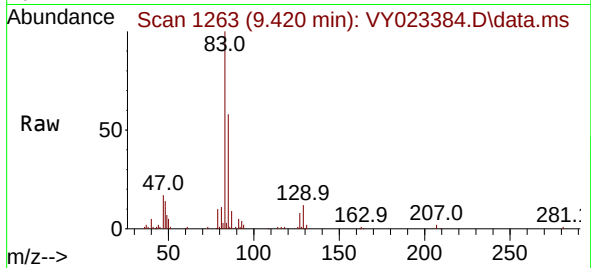




#47
Bromodichloromethane
Concen: 4.756 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

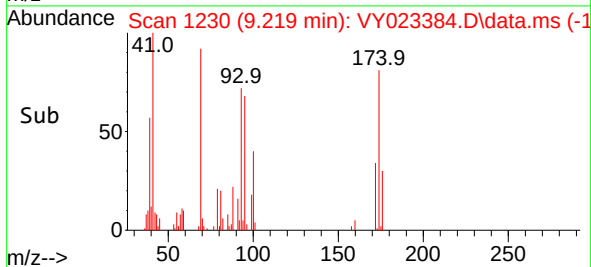
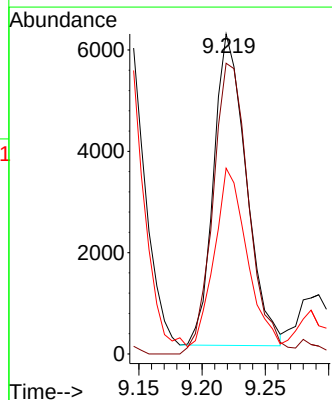
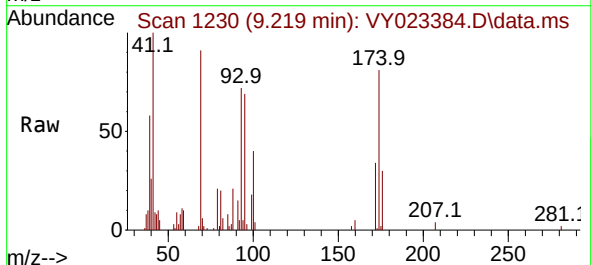
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

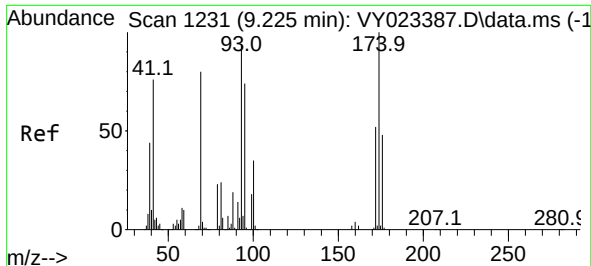
Tgt Ion: 83 Resp: 38813
Ion Ratio Lower Upper
83 100
85 57.9 50.8 76.2
127 8.4 7.4 11.2



#48
Methyl methacrylate
Concen: 4.071 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 41 Resp: 11038
Ion Ratio Lower Upper
41 100
69 102.5 81.0 121.4
39 62.4 48.2 72.4





#49

1,4-Dioxane

Concen: 96.953 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

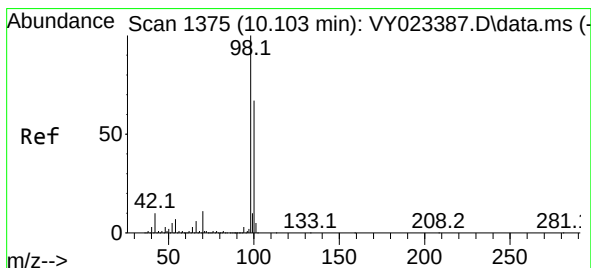
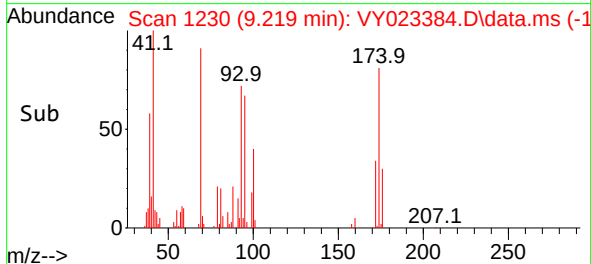
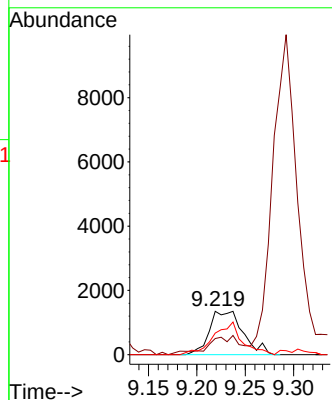
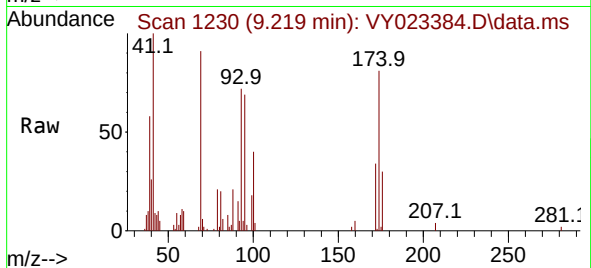
Tgt Ion: 88 Resp: 3255

Ion Ratio Lower Upper

88 100

43 43.1 21.8 32.8#

58 63.4 46.8 70.2



#50

Toluene-d8

Concen: 4.946 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023384.D

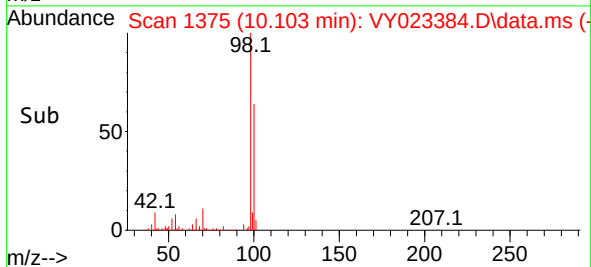
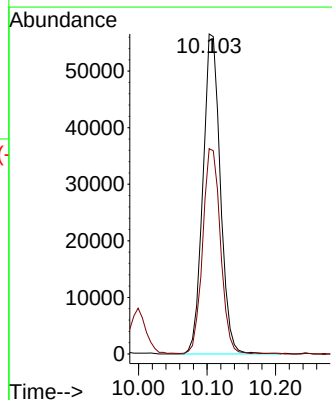
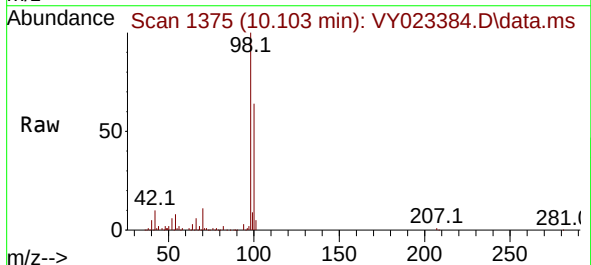
Acq: 07 Oct 2025 09:17

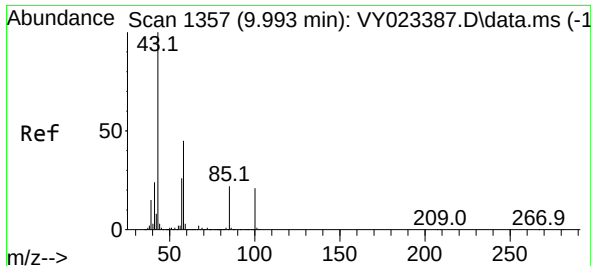
Tgt Ion: 98 Resp: 99905

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 20.925 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

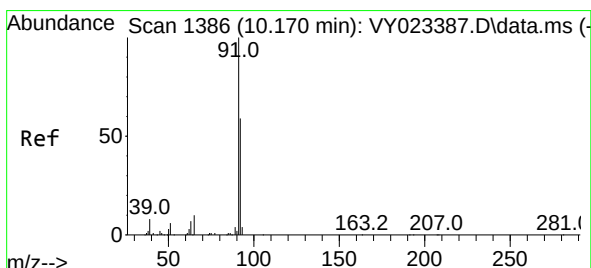
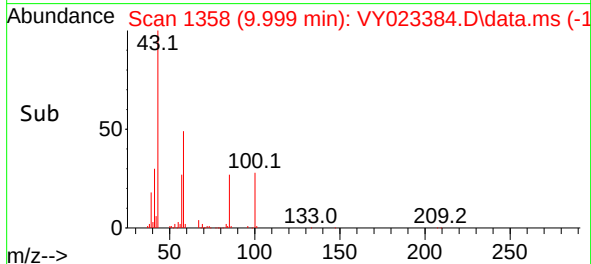
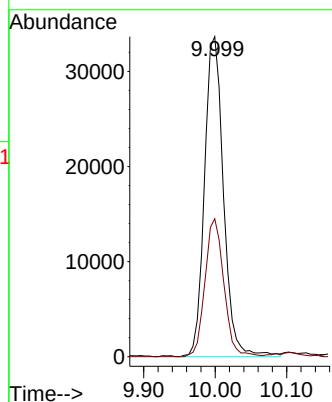
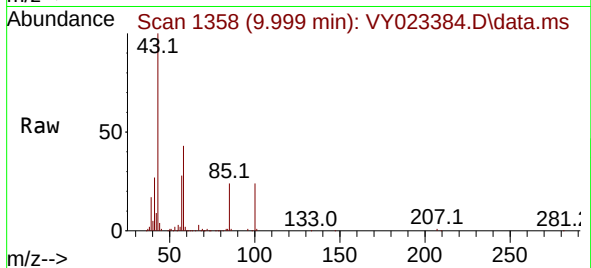
VSTDIC005

Tgt Ion: 43 Resp: 62279

Ion Ratio Lower Upper

43 100

58 42.7 35.3 52.9



#52

Toluene

Concen: 4.585 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023384.D

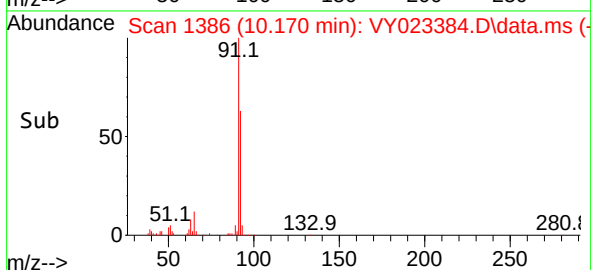
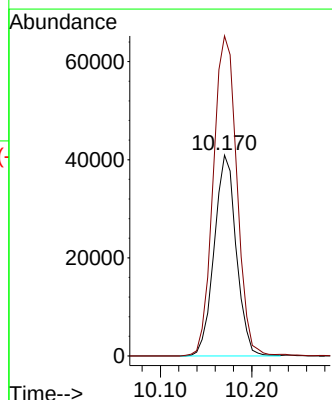
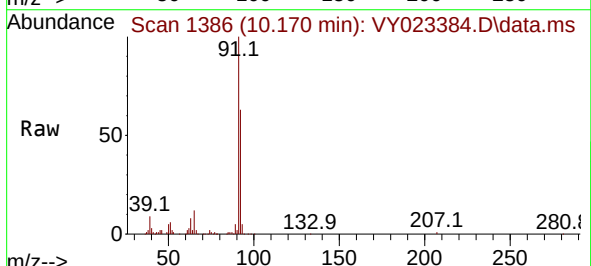
Acq: 07 Oct 2025 09:17

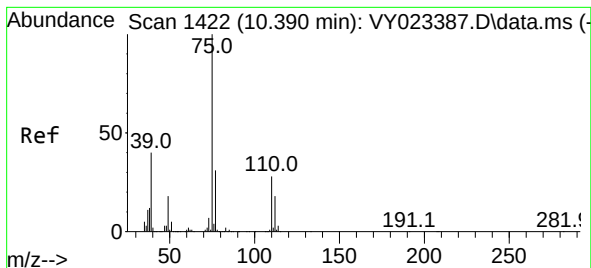
Tgt Ion: 92 Resp: 68550

Ion Ratio Lower Upper

92 100

91 171.2 136.4 204.6

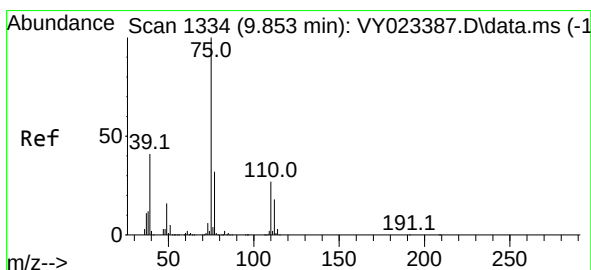
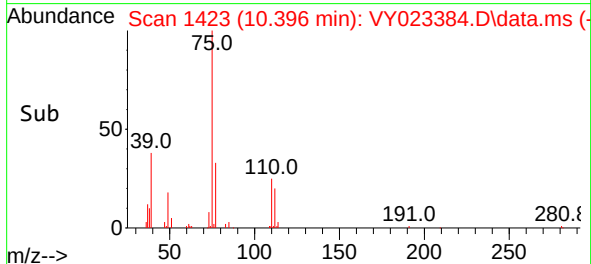
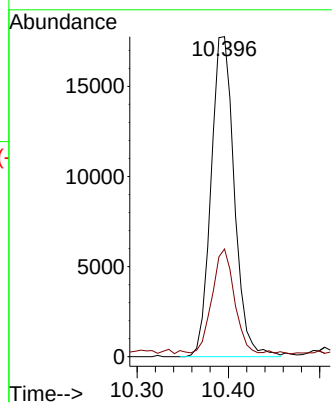
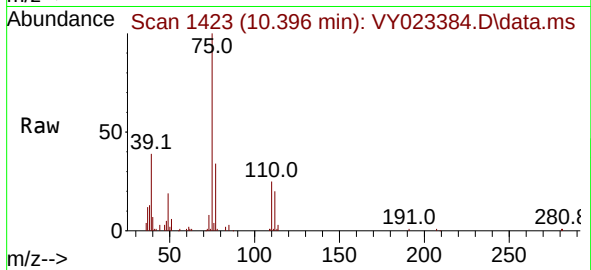




#53
 t-1,3-Dichloropropene
 Concen: 4.491 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

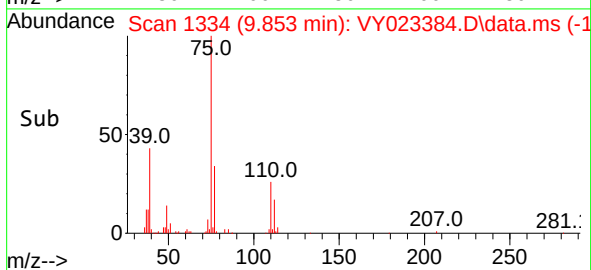
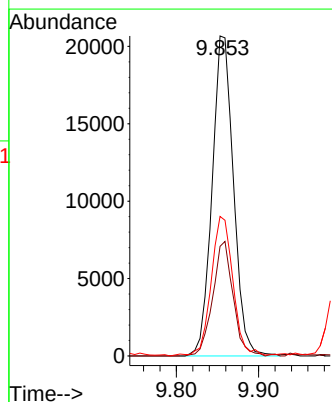
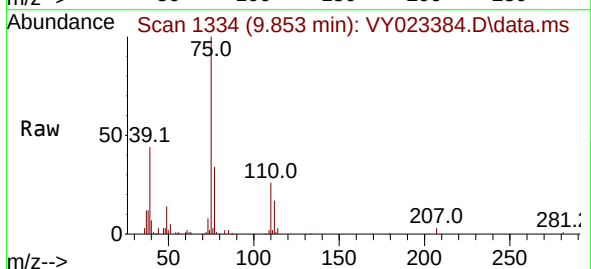
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

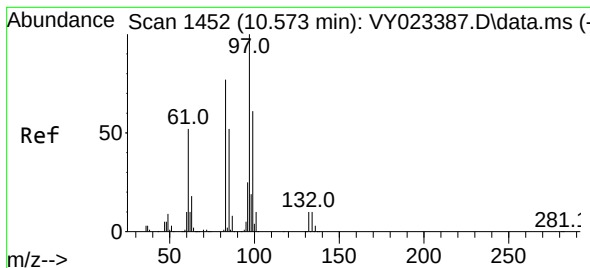
Tgt Ion: 75 Resp: 31477
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 4.463 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 37392
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.4 38.0
 39 43.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 4.786 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 20641

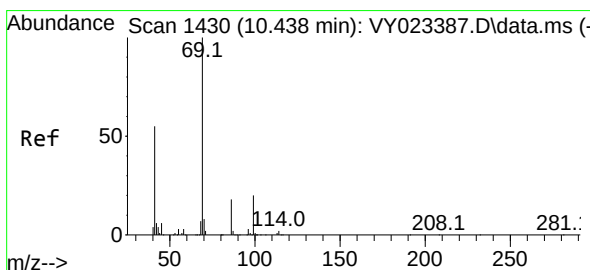
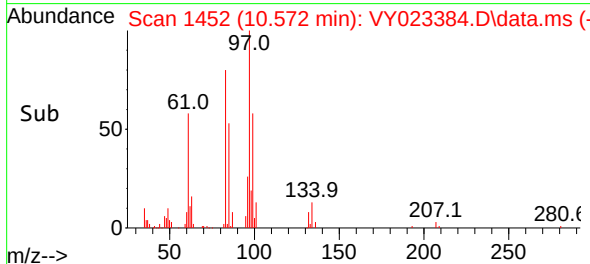
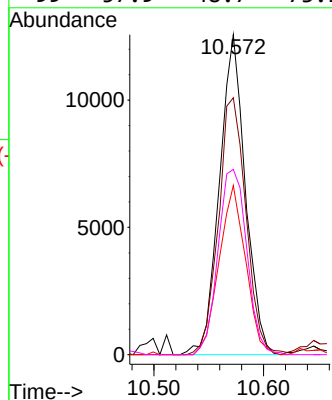
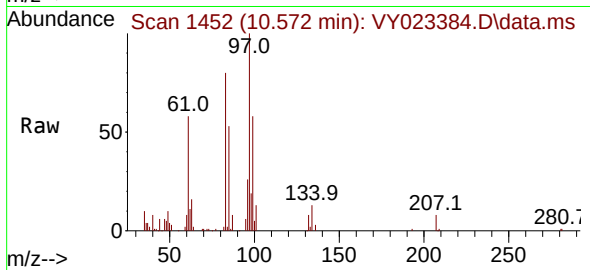
Ion Ratio Lower Upper

97 100

83 80.3 61.8 92.6

85 52.8 41.3 61.9

99 57.9 48.7 73.1



#56

Ethyl methacrylate

Concen: 3.891 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

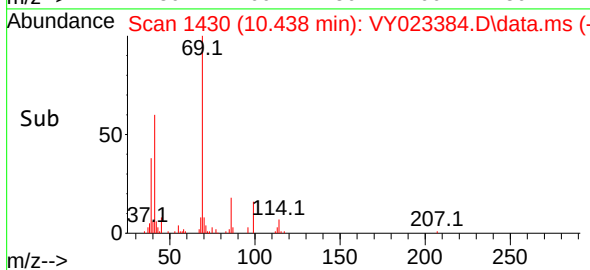
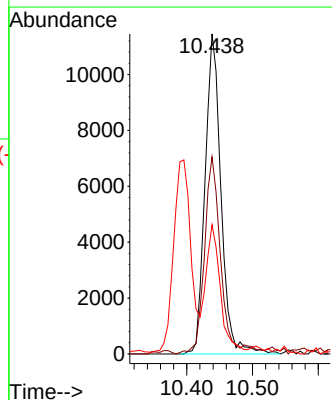
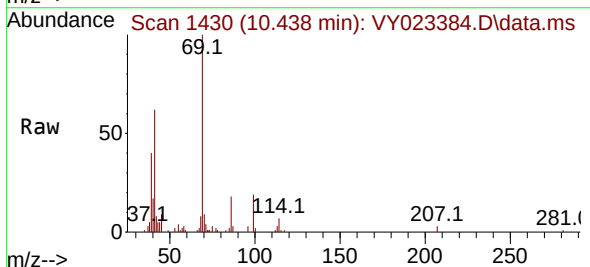
Tgt Ion: 69 Resp: 19324

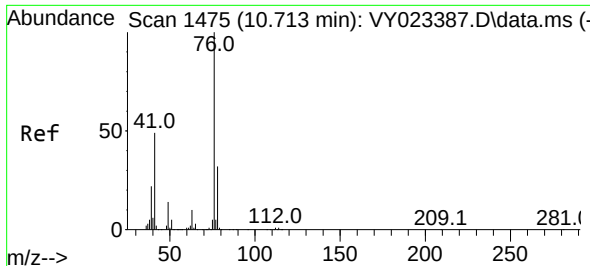
Ion Ratio Lower Upper

69 100

41 60.6 44.6 67.0

39 36.2 27.0 40.4





#57

1,3-Dichloropropane

Concen: 4.560 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

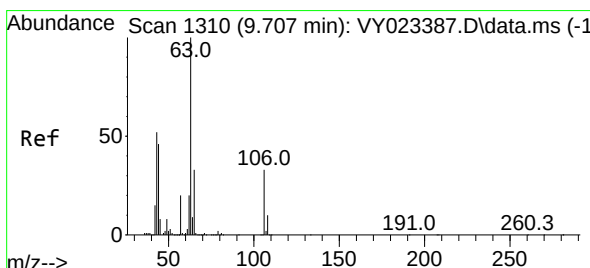
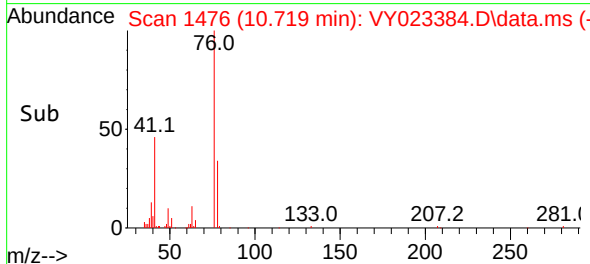
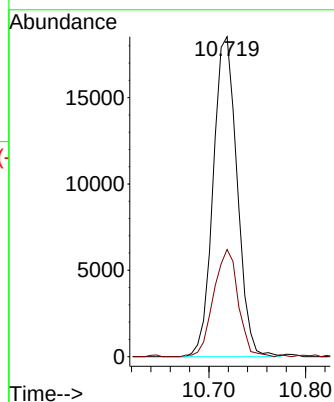
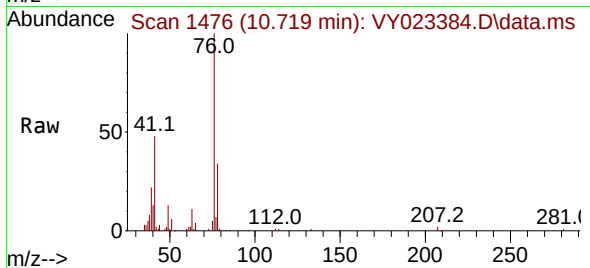
VSTDIC005

Tgt Ion: 76 Resp: 31831

Ion Ratio Lower Upper

76 100

78 34.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 18.384 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023384.D

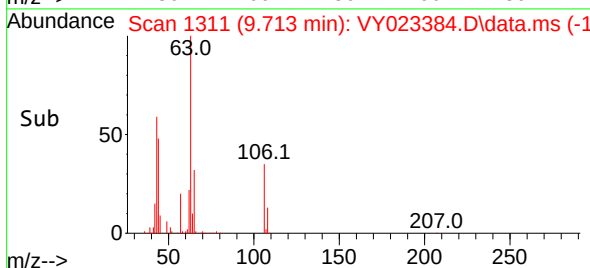
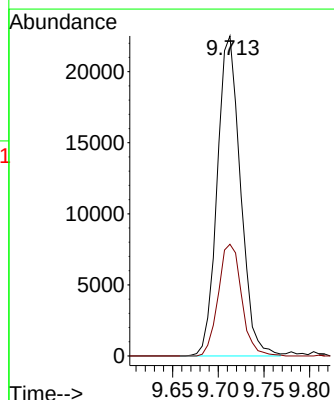
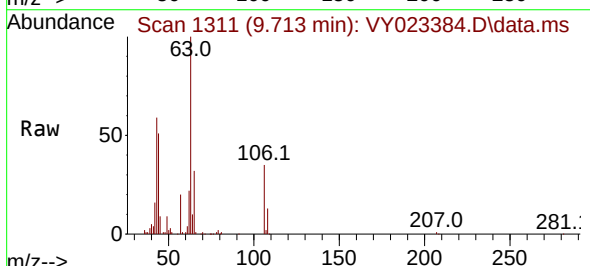
Acq: 07 Oct 2025 09:17

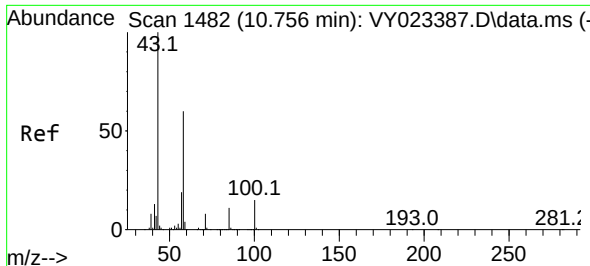
Tgt Ion: 63 Resp: 39945

Ion Ratio Lower Upper

63 100

106 35.0 26.6 39.8

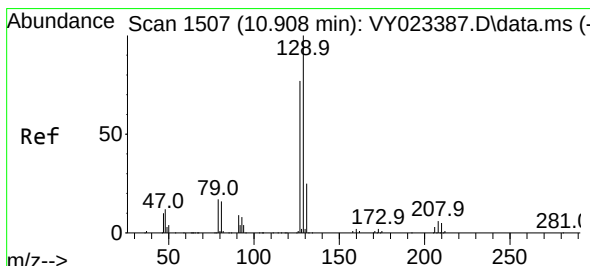
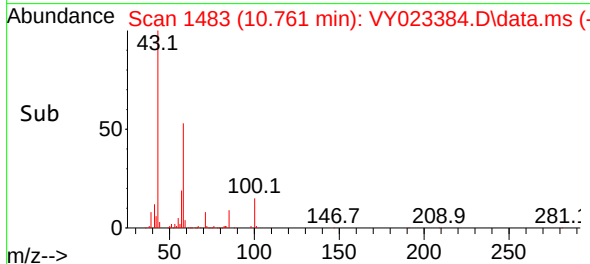
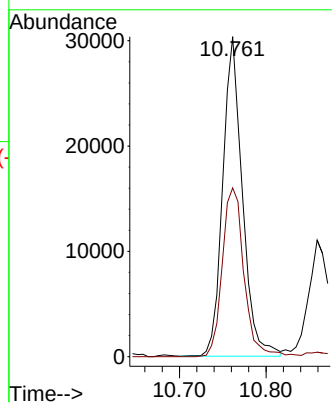
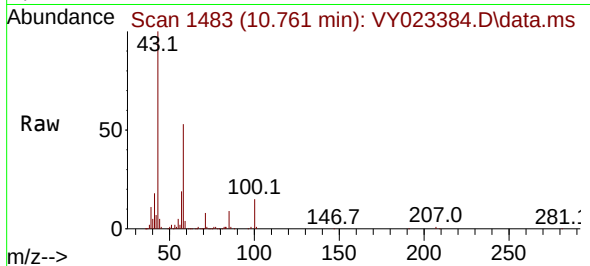




#59
2-Hexanone
Concen: 23.185 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

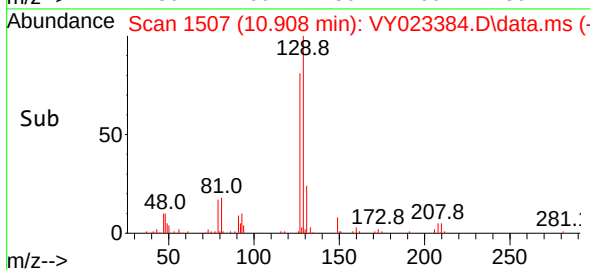
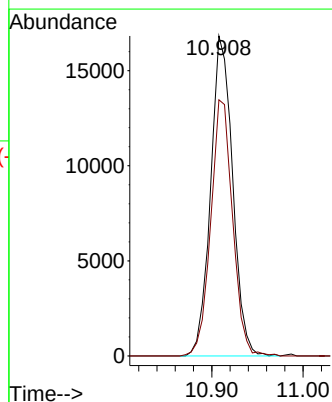
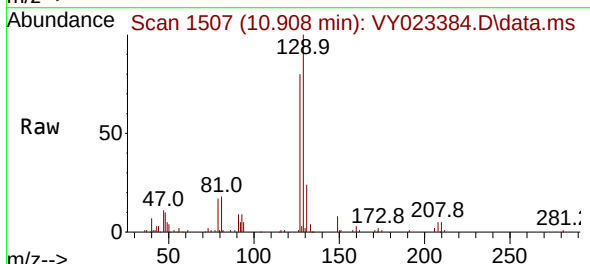
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

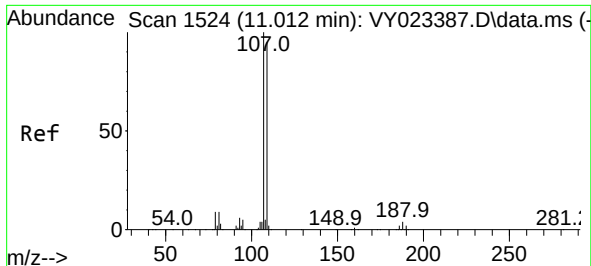
Tgt Ion: 43 Resp: 47778
Ion Ratio Lower Upper
43 100
58 58.4 30.5 91.5



#60
Dibromochloromethane
Concen: 4.783 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 129 Resp: 28135
Ion Ratio Lower Upper
129 100
127 79.7 38.6 115.7

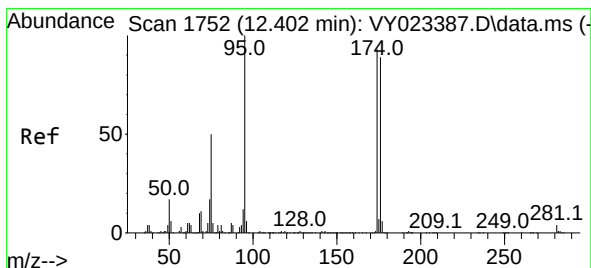
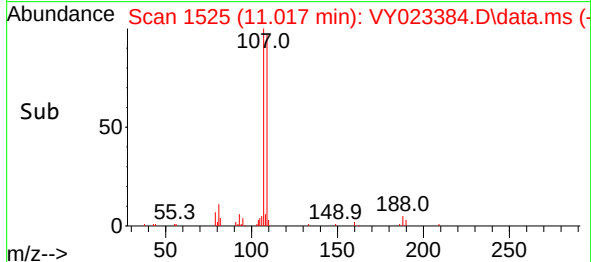
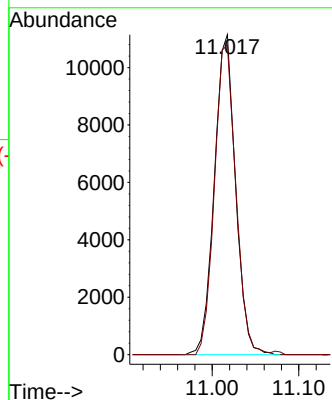
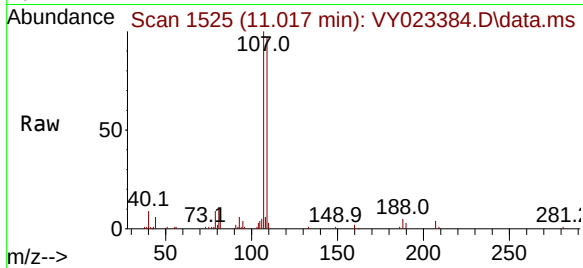




#61
1,2-Dibromoethane
Concen: 4.673 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

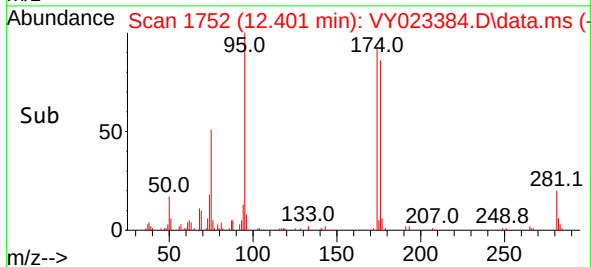
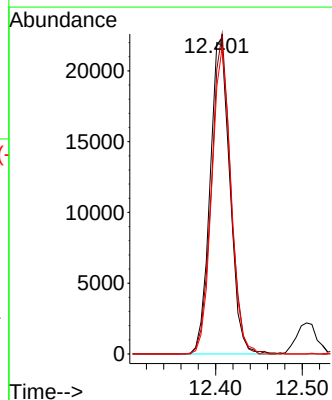
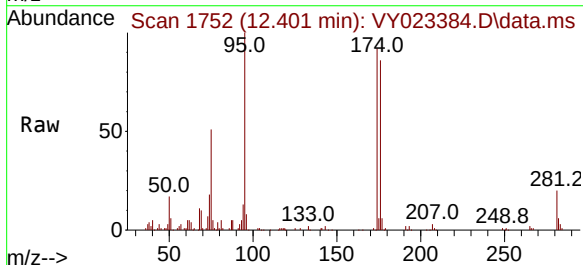
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

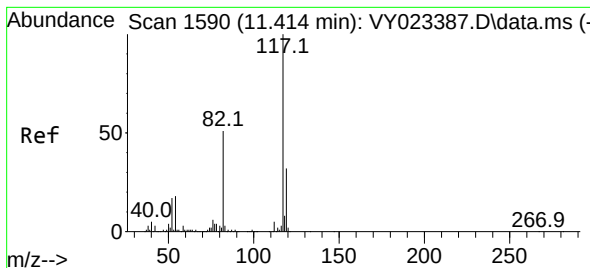
Tgt Ion:107 Resp: 18957
Ion Ratio Lower Upper
107 100
109 97.6 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 5.548 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 95 Resp: 35355
Ion Ratio Lower Upper
95 100
174 97.9 0.0 192.8
176 94.0 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

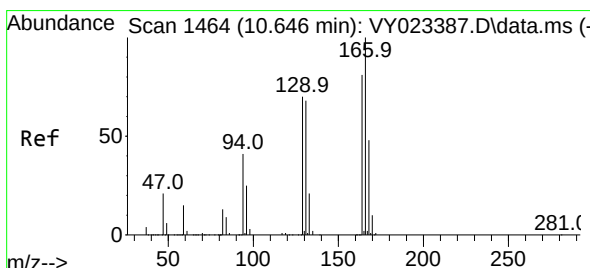
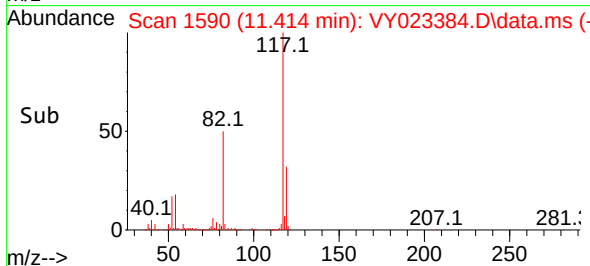
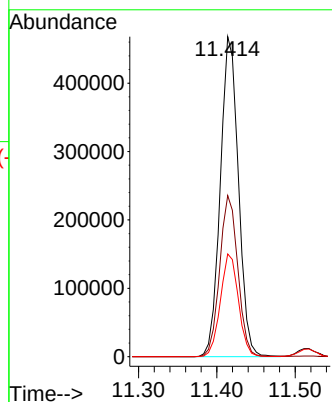
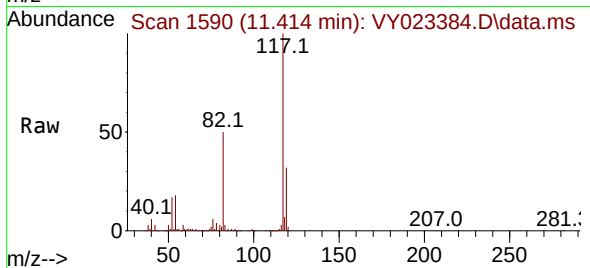
Tgt Ion:117 Resp: 753398

Ion Ratio Lower Upper

117 100

82 50.3 41.0 61.4

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 5.383 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Tgt Ion:164 Resp: 40570

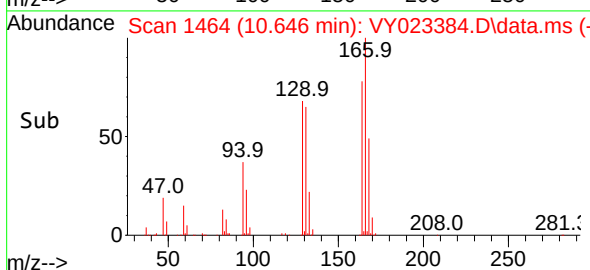
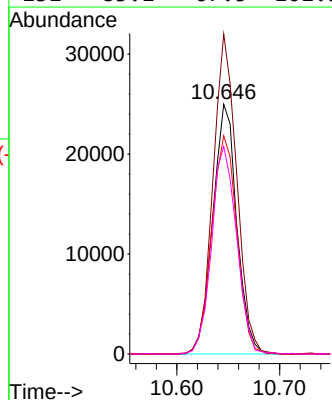
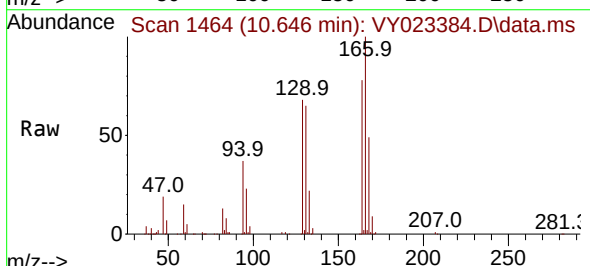
Ion Ratio Lower Upper

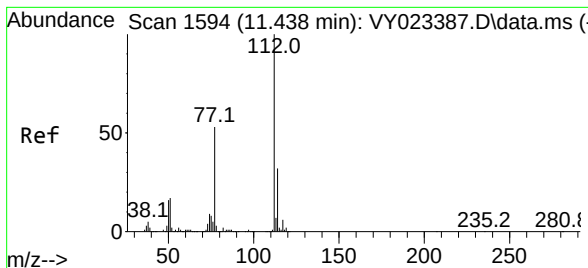
164 100

166 128.1 99.4 149.0

129 87.4 69.4 104.2

131 83.1 67.5 101.3

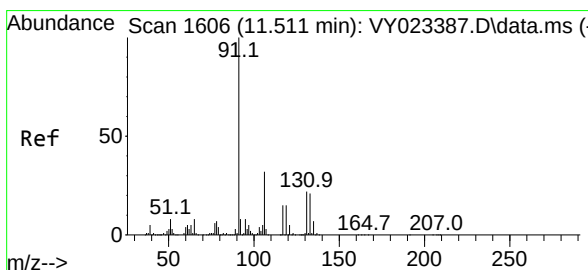
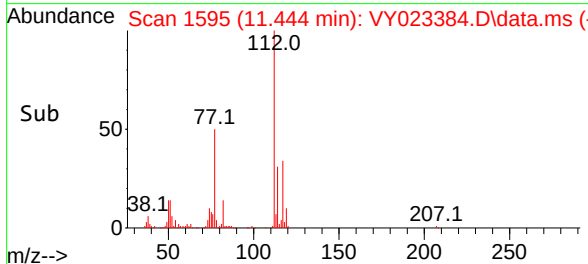
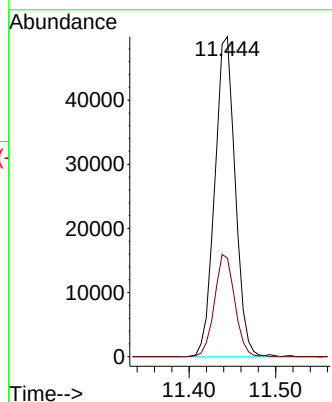
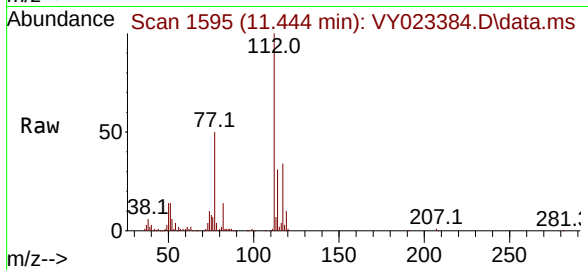




#65
Chlorobenzene
Concen: 4.997 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

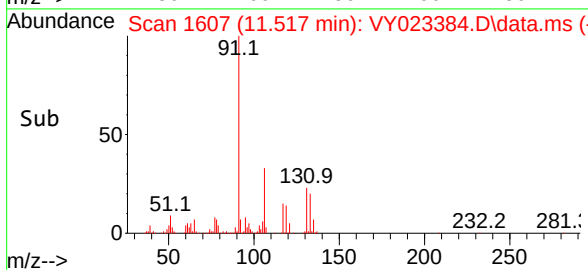
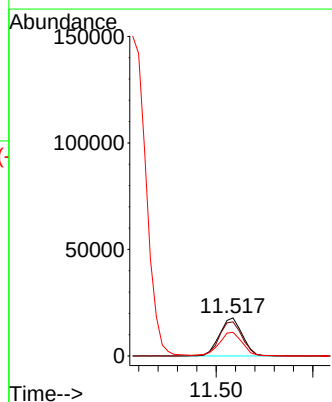
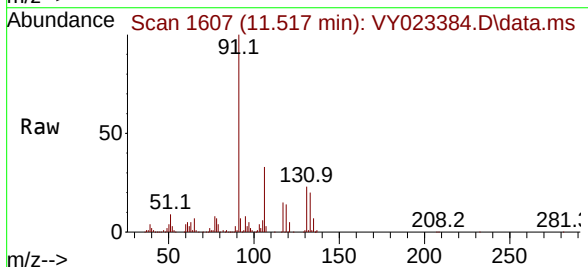
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

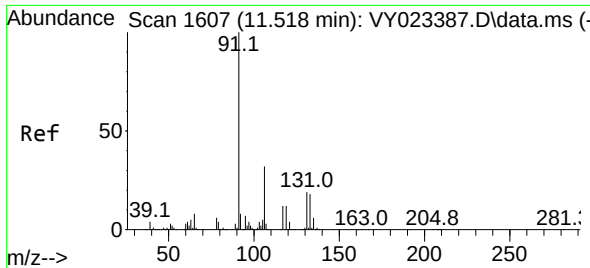
Tgt Ion:112 Resp: 81802
Ion Ratio Lower Upper
112 100
114 30.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.075 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:131 Resp: 29222
Ion Ratio Lower Upper
131 100
133 91.7 48.4 145.2
119 64.1 32.4 97.2





#67

Ethyl Benzene

Concen: 4.529 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

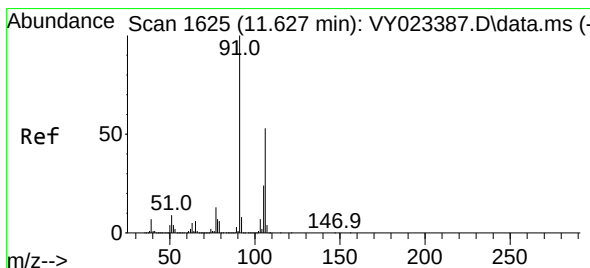
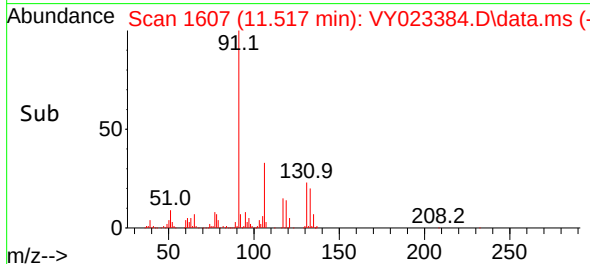
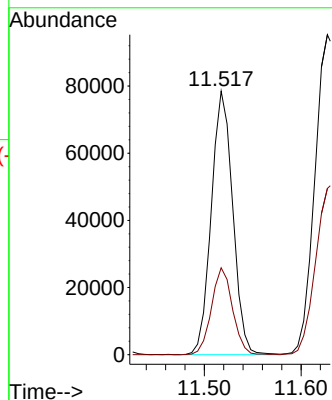
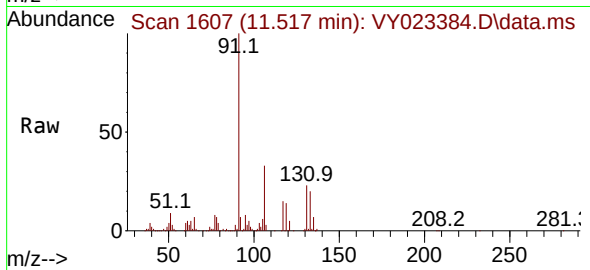
VSTDIC005

Tgt Ion: 91 Resp: 121005

Ion Ratio Lower Upper

91 100

106 33.0 25.8 38.8



#68

m/p-Xylenes

Concen: 8.887 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023384.D

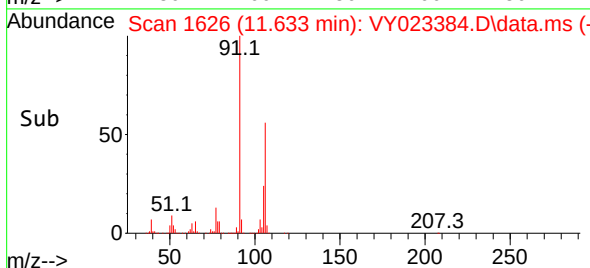
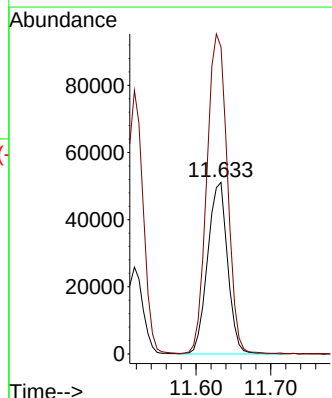
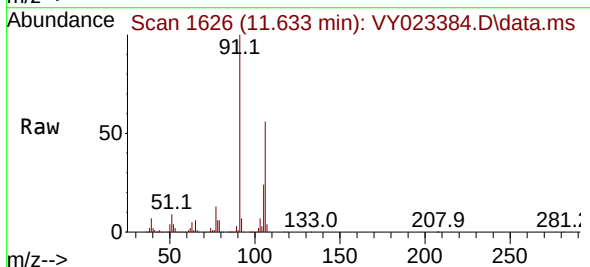
Acq: 07 Oct 2025 09:17

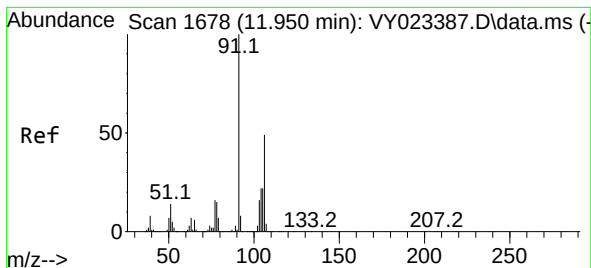
Tgt Ion:106 Resp: 95176

Ion Ratio Lower Upper

106 100

91 190.5 152.6 229.0





#69

o-Xylene

Concen: 4.466 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

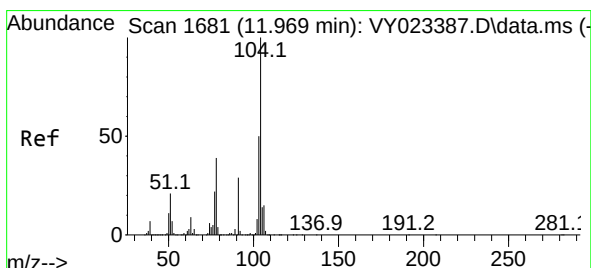
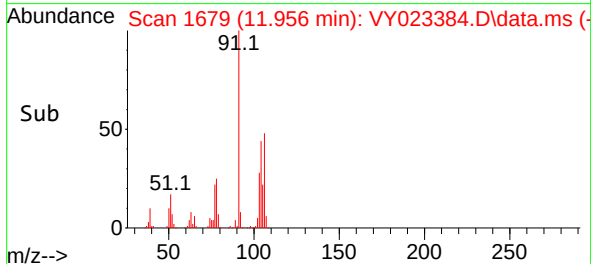
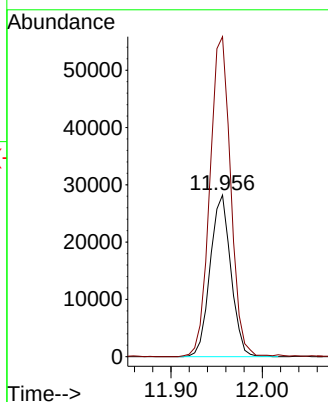
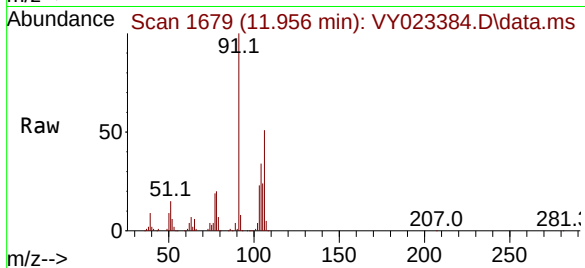
VSTDICC005

Tgt Ion:106 Resp: 44280

Ion Ratio Lower Upper

106 100

91 199.7 101.4 304.1



#70

Styrene

Concen: 4.152 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

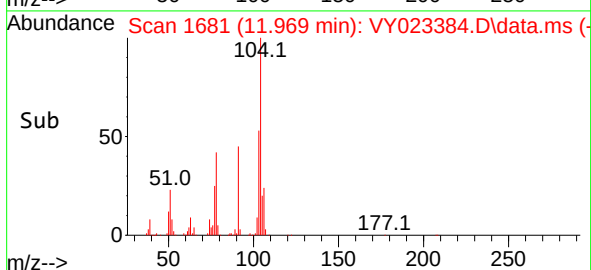
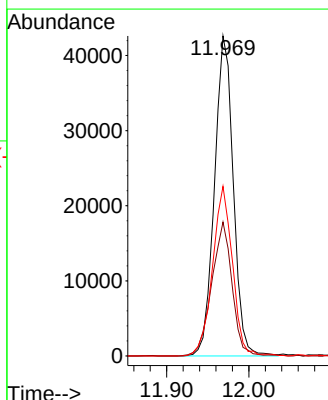
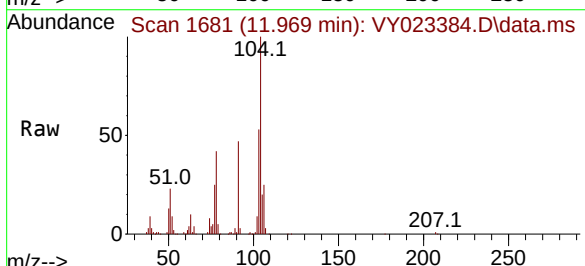
Tgt Ion:104 Resp: 67960

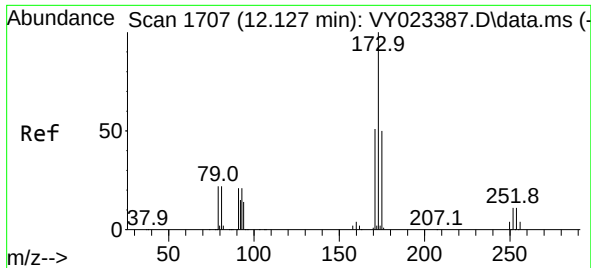
Ion Ratio Lower Upper

104 100

78 45.1 36.1 54.1

103 55.9 43.2 64.8

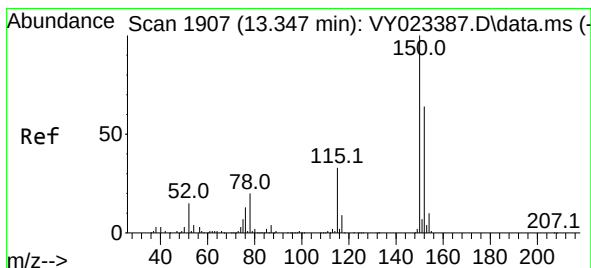
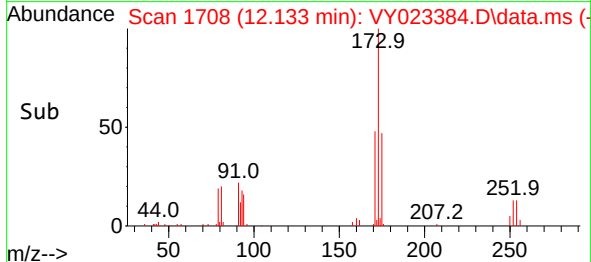
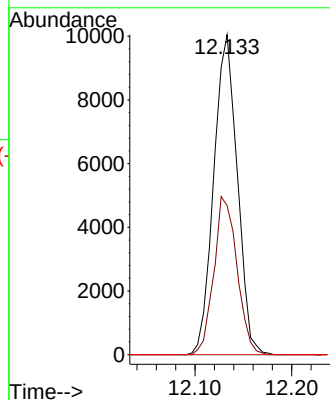
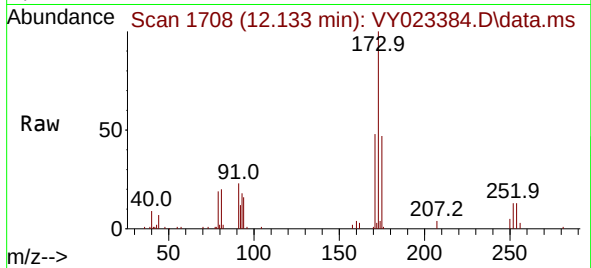




#71
Bromoform
Concen: 4.929 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

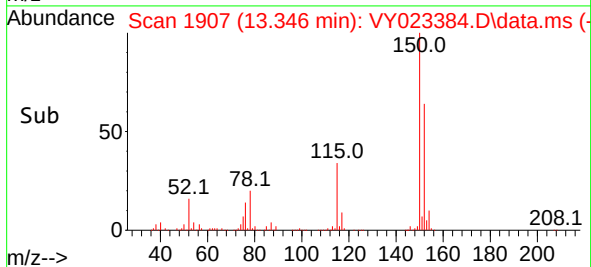
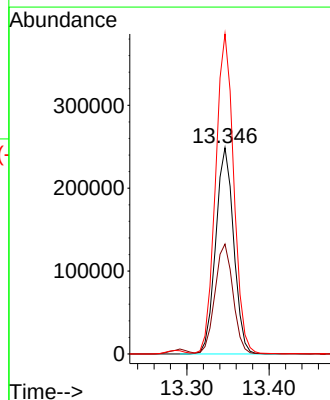
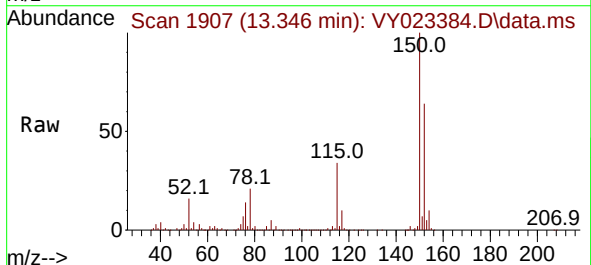
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

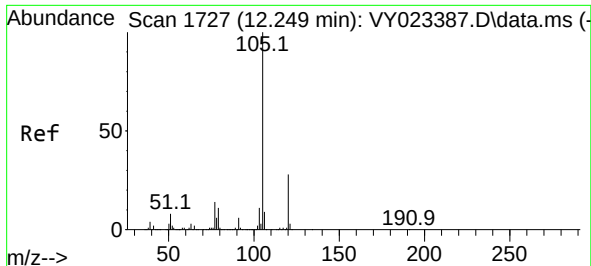
Tgt Ion:173 Resp: 16988
Ion Ratio Lower Upper
173 100
175 48.5 24.8 74.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:152 Resp: 378104
Ion Ratio Lower Upper
152 100
115 53.5 27.1 81.2
150 156.6 0.0 347.4

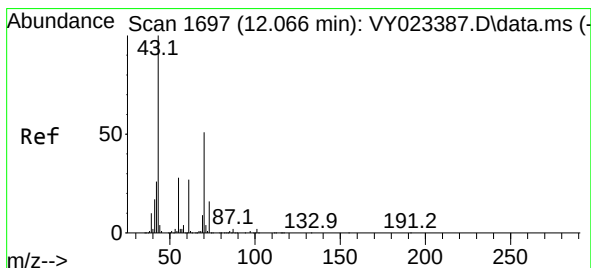
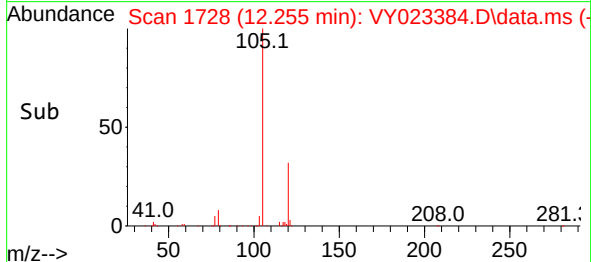
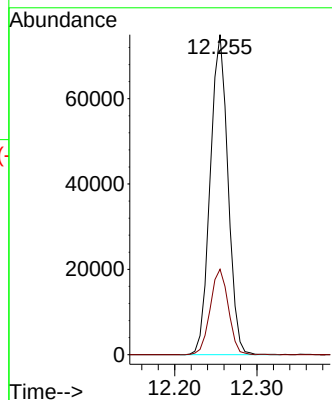
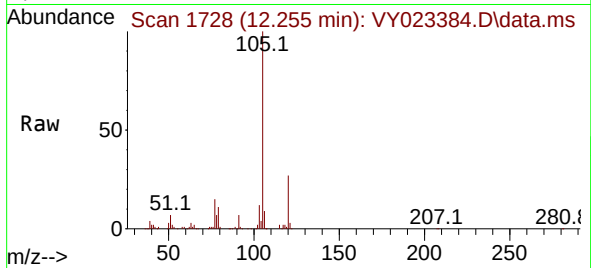




#73
Isopropylbenzene
Concen: 4.455 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

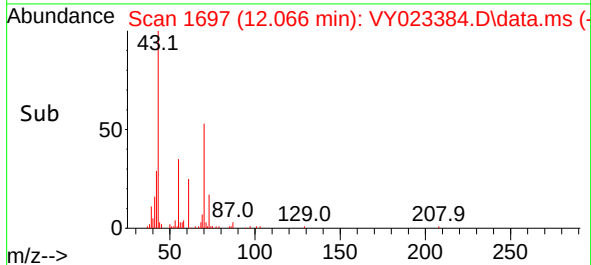
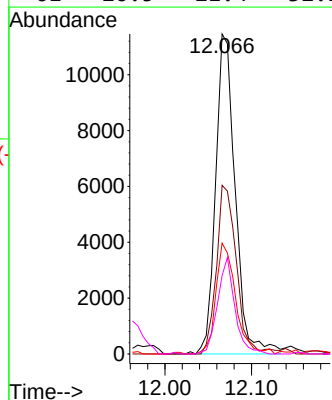
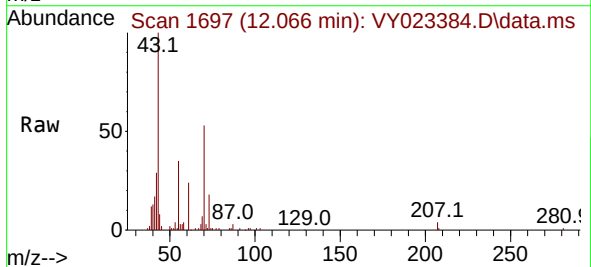
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

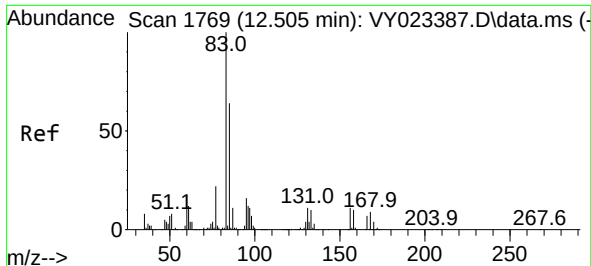
Tgt Ion:105 Resp: 112194
Ion Ratio Lower Upper
105 100
120 27.2 13.9 41.7



#74
N-ethyl acetate
Concen: 3.833 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 18041
Ion Ratio Lower Upper
43 100
70 53.0 41.1 61.7
55 35.3 23.0 34.6#
61 26.5 21.4 32.2

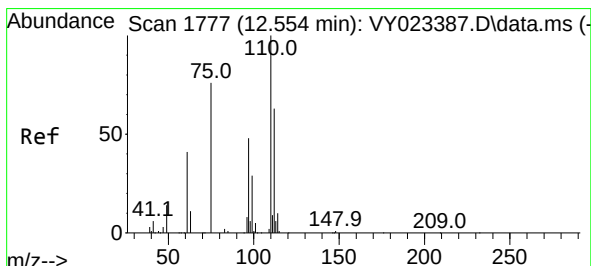
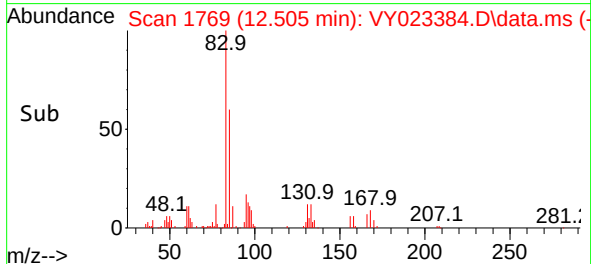
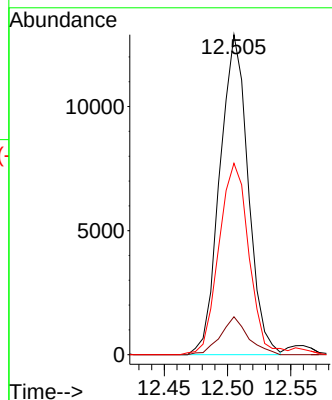
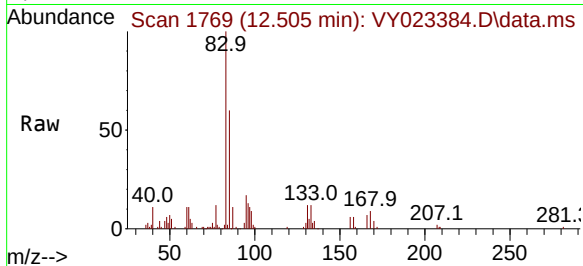




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.773 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

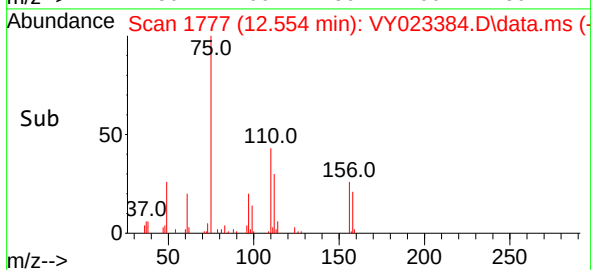
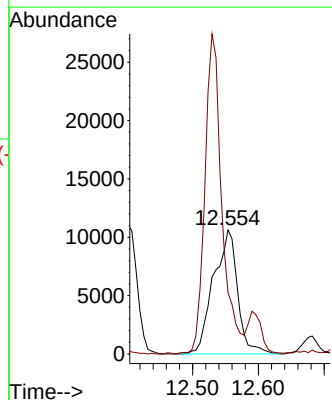
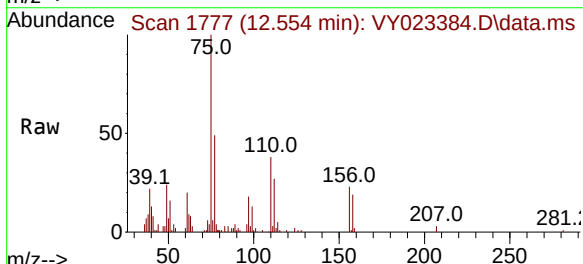
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

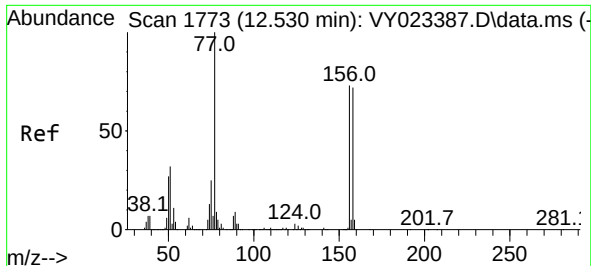
Tgt Ion: 83 Resp: 20052
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.9 17.6
 85 63.4 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 7.257 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 27066
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

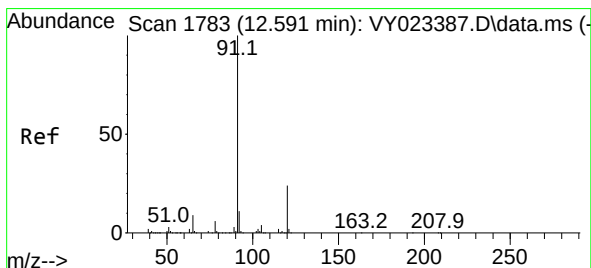
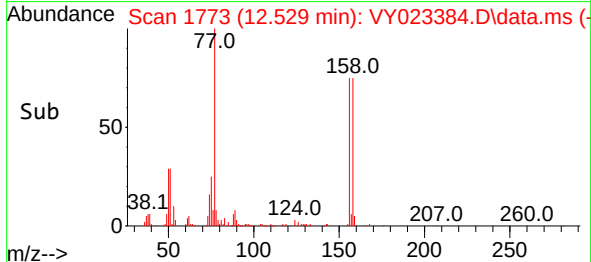
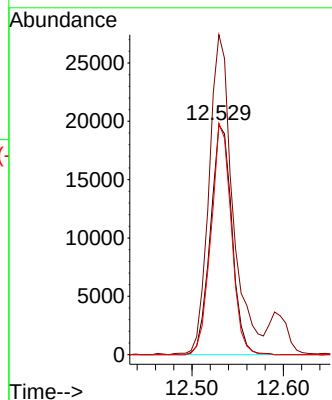
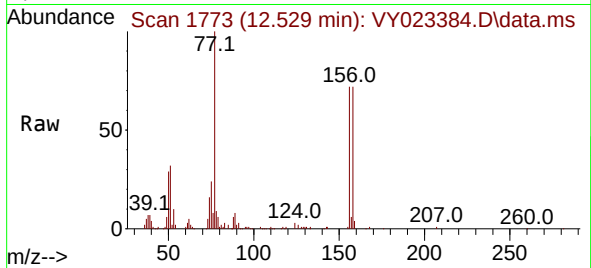




#77
Bromobenzene
Concen: 4.967 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

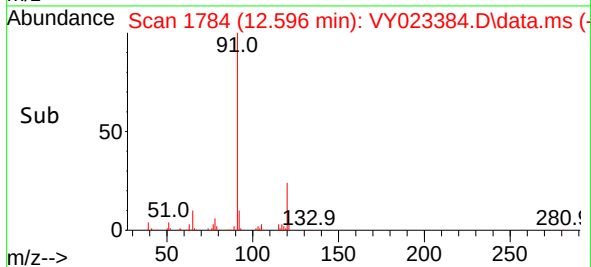
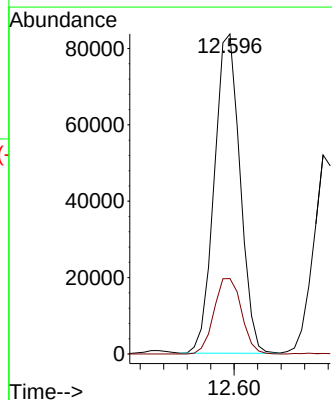
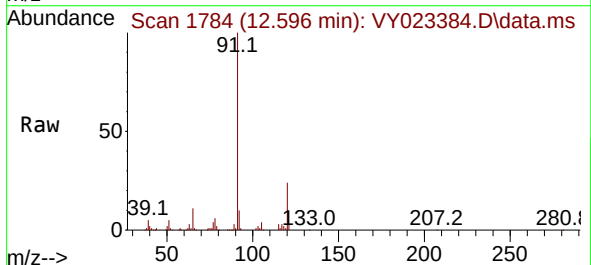
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

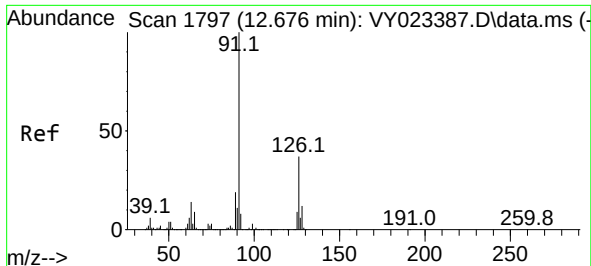
Tgt Ion:156 Resp: 32106
Ion Ratio Lower Upper
156 100
77 154.2 76.8 230.5
158 95.0 49.0 147.2



#78
n-propylbenzene
Concen: 4.305 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 127521
Ion Ratio Lower Upper
91 100
120 25.1 12.3 36.8

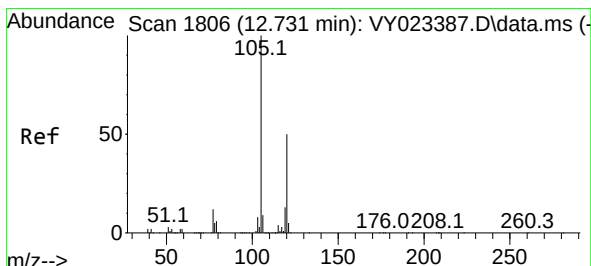
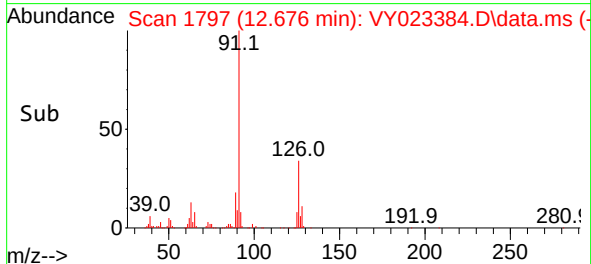
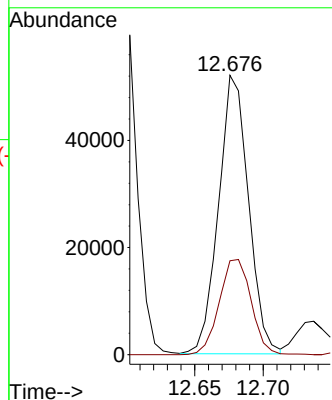
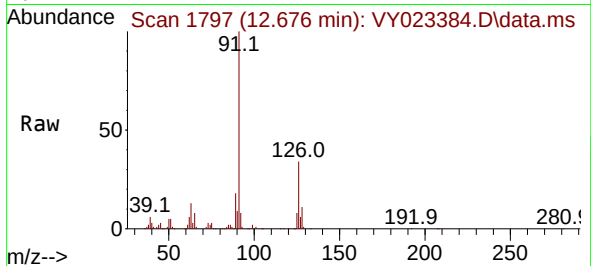




#79
2-Chlorotoluene
Concen: 4.631 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

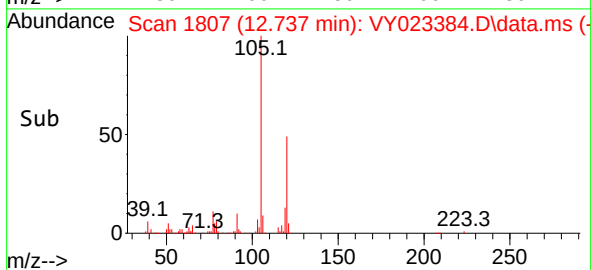
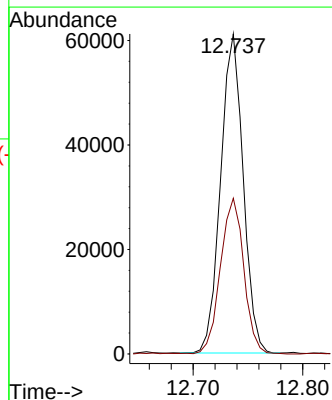
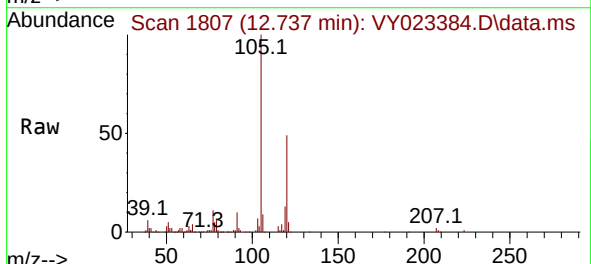
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

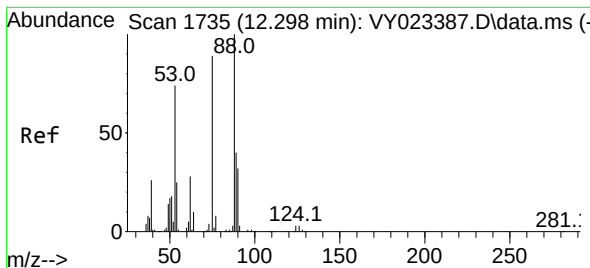
Tgt Ion: 91 Resp: 79199
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 4.264 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 105 Resp: 87297
Ion Ratio Lower Upper
105 100
120 50.6 25.4 76.4

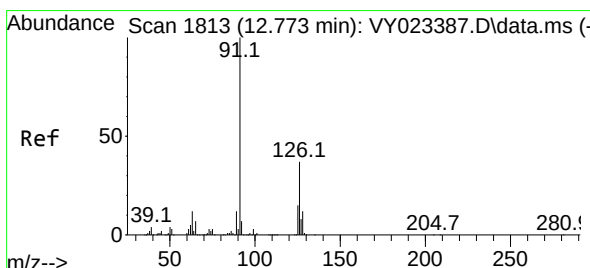
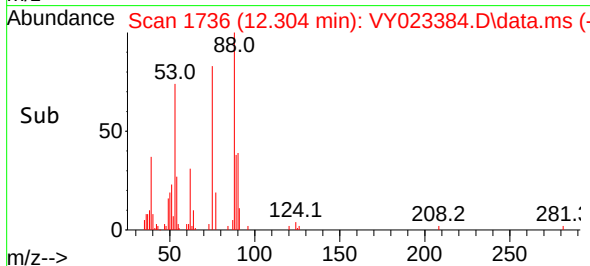
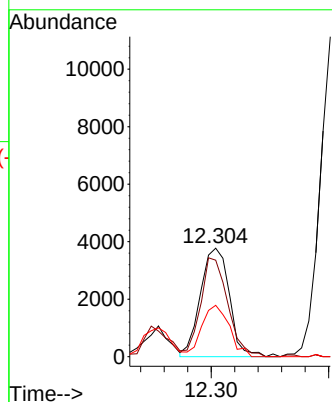
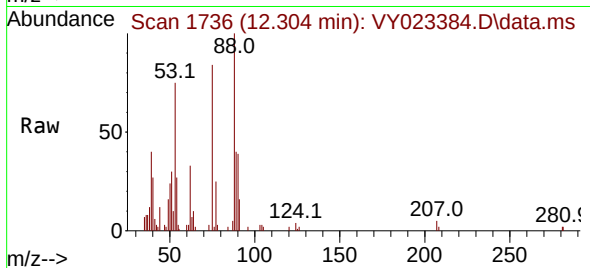




#81
trans-1,4-Dichloro-2-butene
Concen: 4.680 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

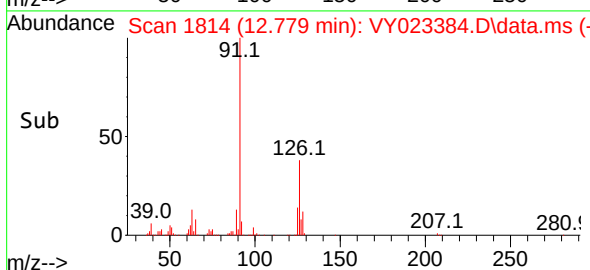
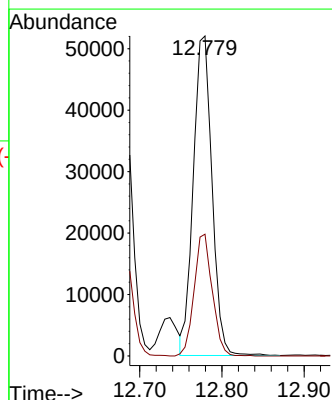
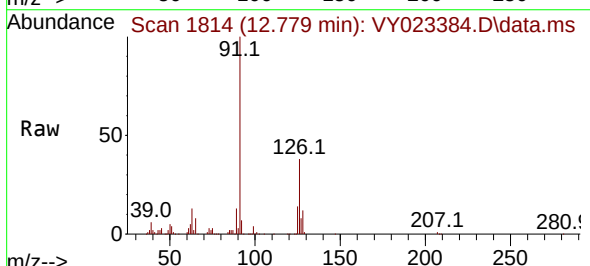
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

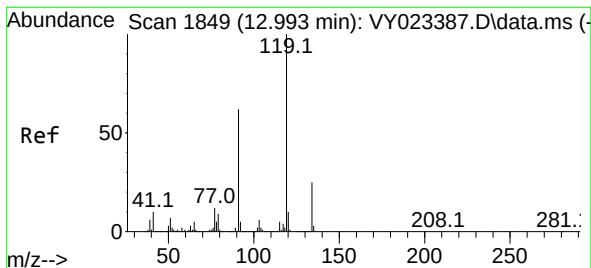
Tgt Ion: 75 Resp: 6474
Ion Ratio Lower Upper
75 100
53 85.6 68.6 102.8
89 44.4 39.0 58.4



#82
4-Chlorotoluene
Concen: 4.600 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 82155
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4





#83

tert-Butylbenzene

Concen: 4.457 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

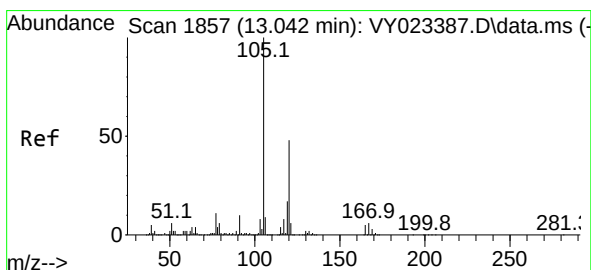
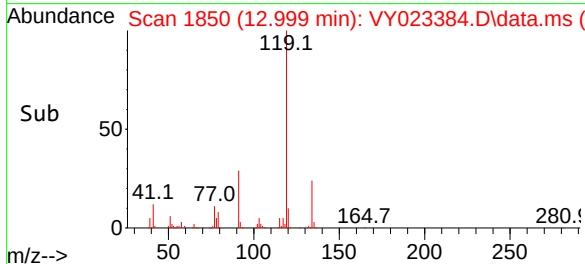
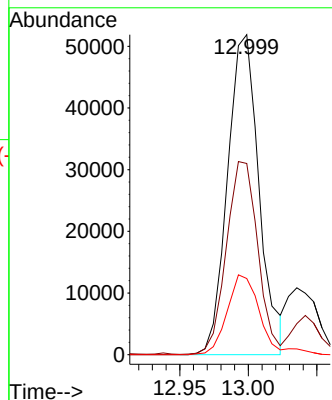
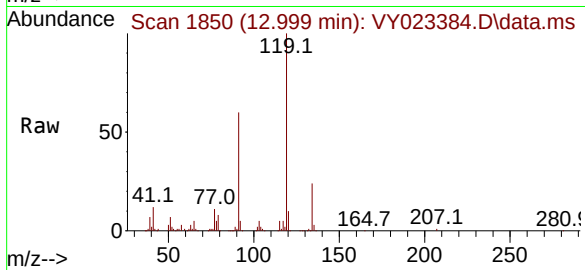
Tgt Ion:119 Resp: 83151

Ion Ratio Lower Upper

119 100

91 60.0 29.9 89.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 4.294 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023384.D

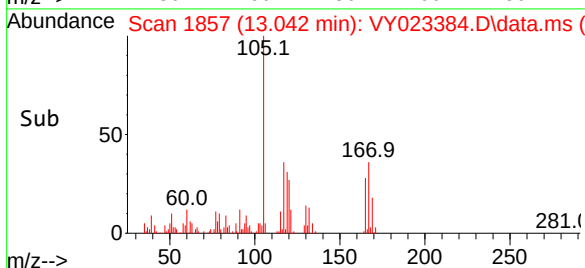
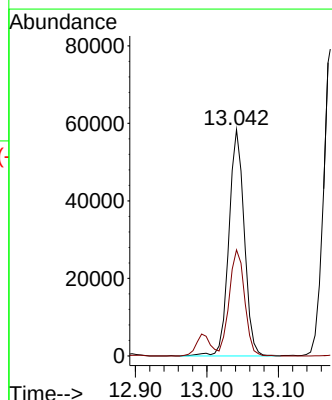
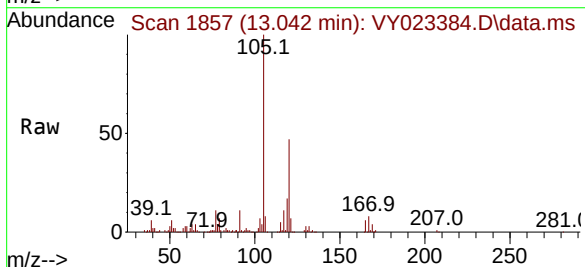
Acq: 07 Oct 2025 09:17

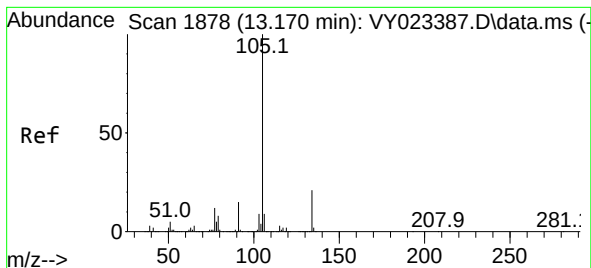
Tgt Ion:105 Resp: 86988

Ion Ratio Lower Upper

105 100

120 46.8 23.8 71.2





#85

sec-Butylbenzene

Concen: 4.443 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

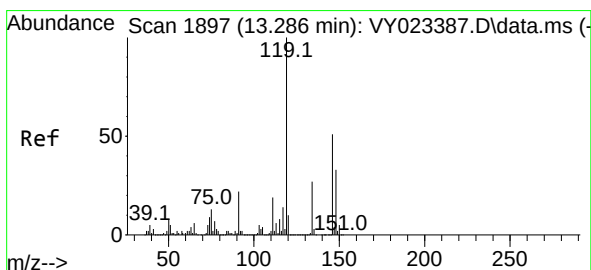
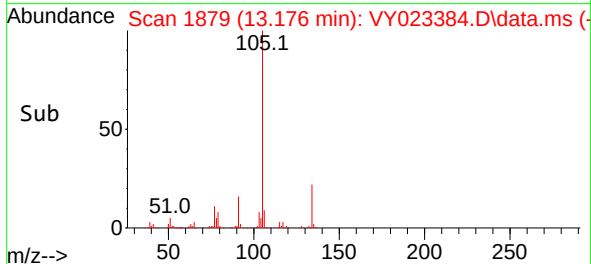
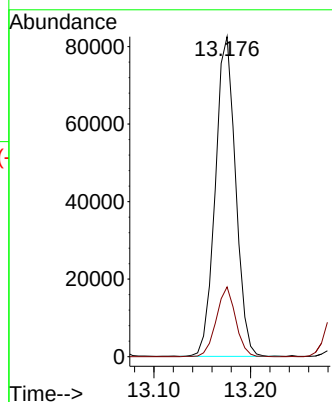
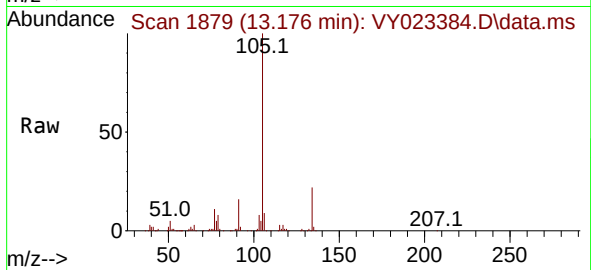
VSTDIC005

Tgt Ion:105 Resp: 120061

Ion Ratio Lower Upper

105 100

134 20.9 10.7 32.1



#86

p-Isopropyltoluene

Concen: 4.264 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

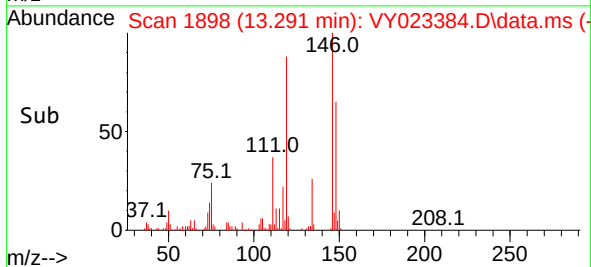
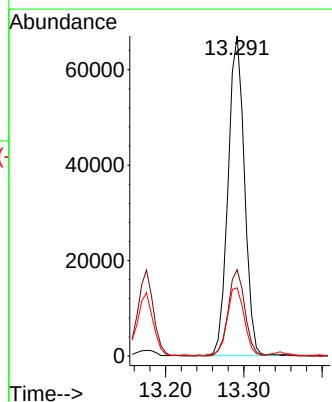
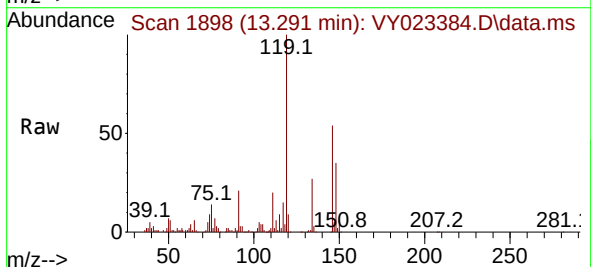
Tgt Ion:119 Resp: 97377

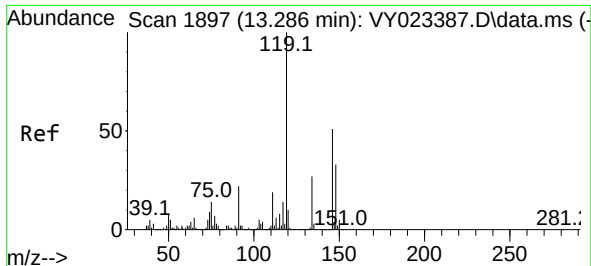
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

91 22.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 4.936 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

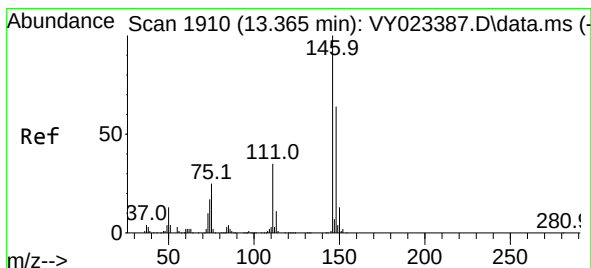
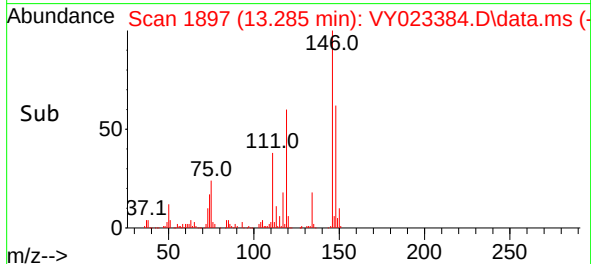
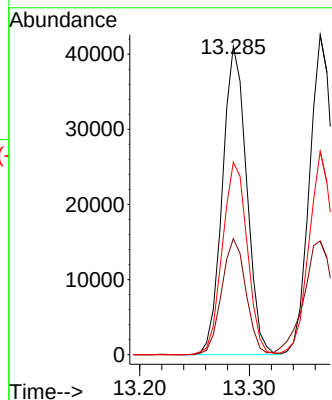
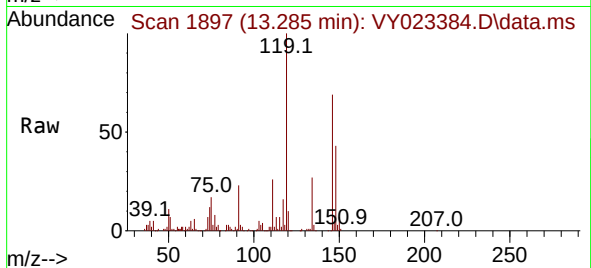
Tgt Ion:146 Resp: 63027

Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 5.085 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

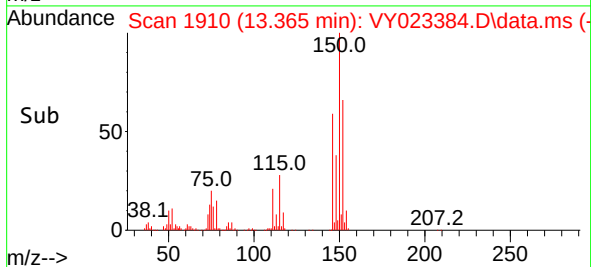
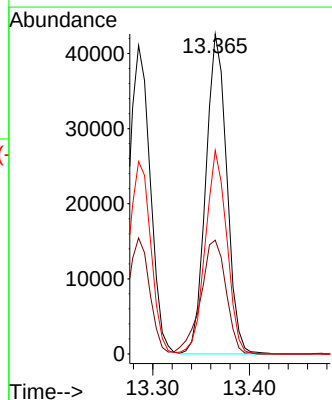
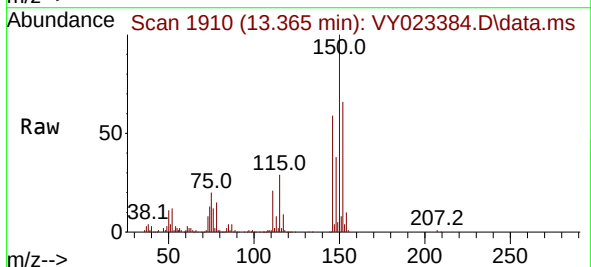
Tgt Ion:146 Resp: 64389

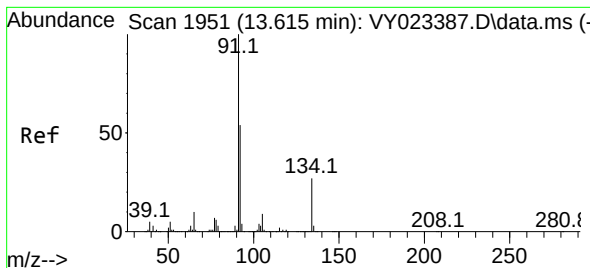
Ion Ratio Lower Upper

146 100

111 43.0 18.0 54.0

148 65.1 31.9 95.7





#89

n-Butylbenzene

Concen: 4.274 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

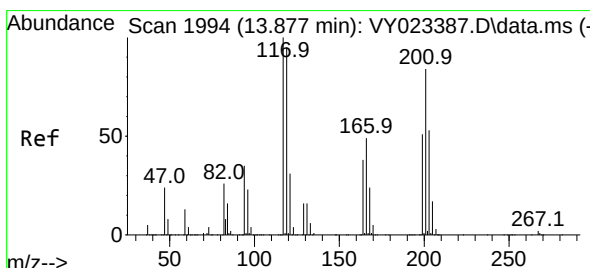
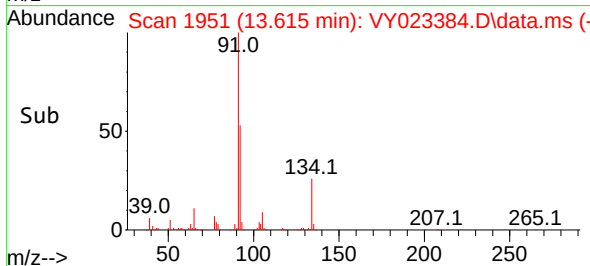
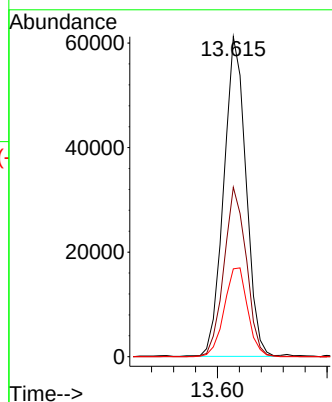
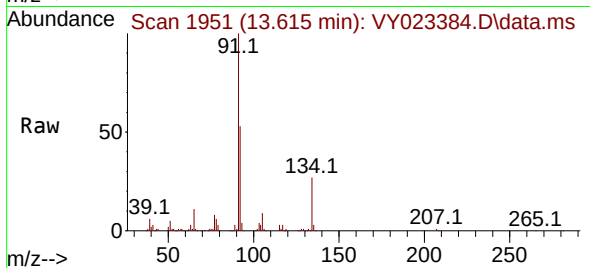
Tgt Ion: 91 Resp: 86179

Ion Ratio Lower Upper

91 100

92 53.3 27.0 80.8

134 29.2 14.1 42.2



#90

Hexachloroethane

Concen: 5.084 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023384.D

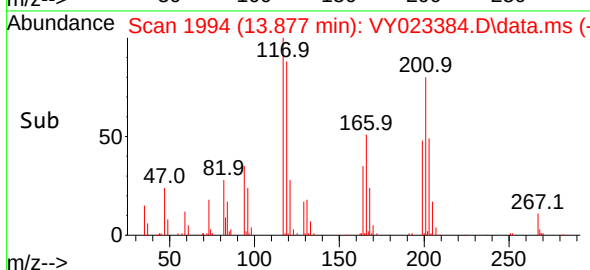
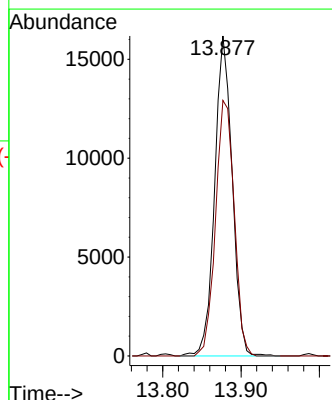
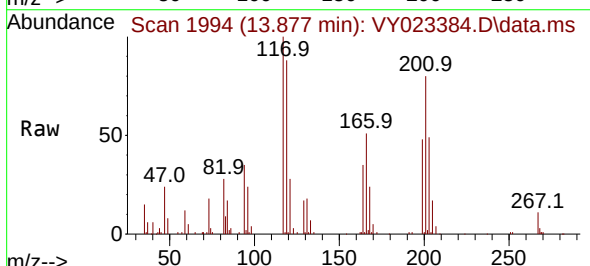
Acq: 07 Oct 2025 09:17

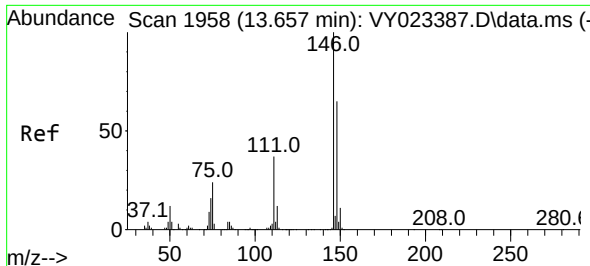
Tgt Ion: 117 Resp: 25204

Ion Ratio Lower Upper

117 100

201 84.7 43.8 131.4

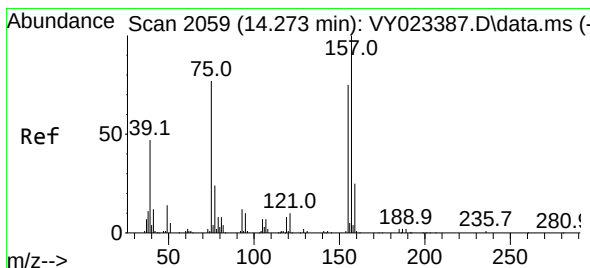
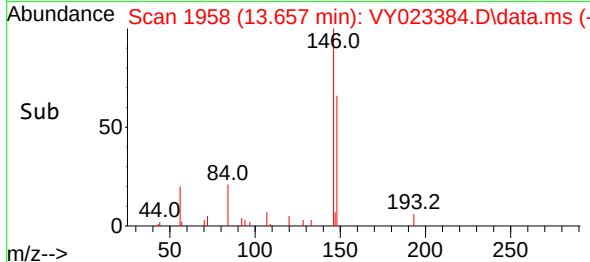
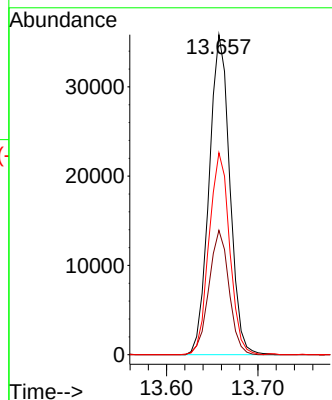
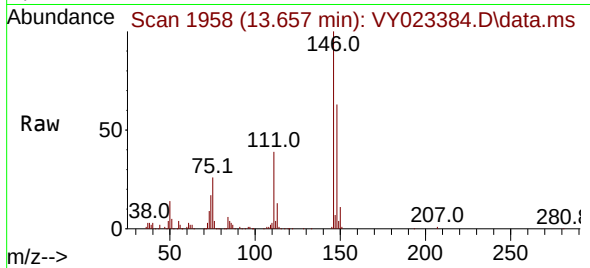




#91
 1,2-Dichlorobenzene
 Concen: 5.041 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

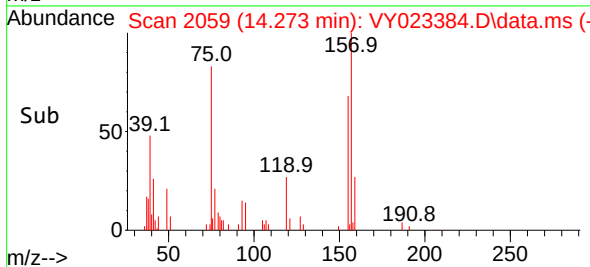
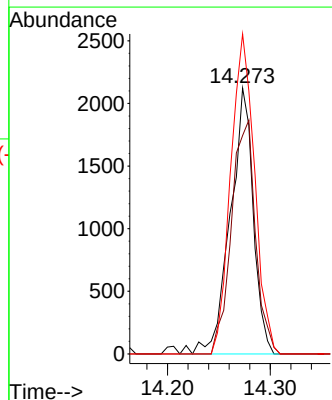
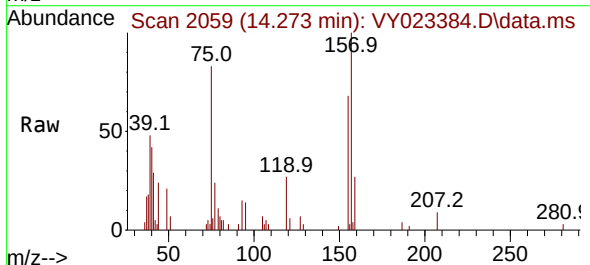
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

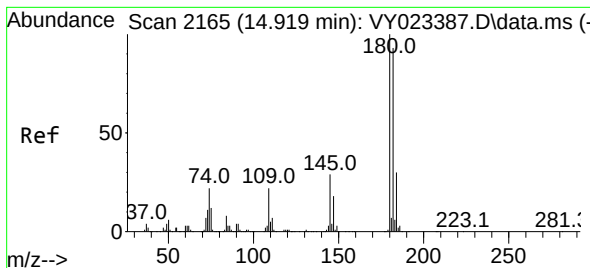
Tgt Ion:146 Resp: 56167
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 63.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.964 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023384.D
 Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 3305
 Ion Ratio Lower Upper
 75 100
 155 91.7 50.0 150.0
 157 124.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 4.875 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

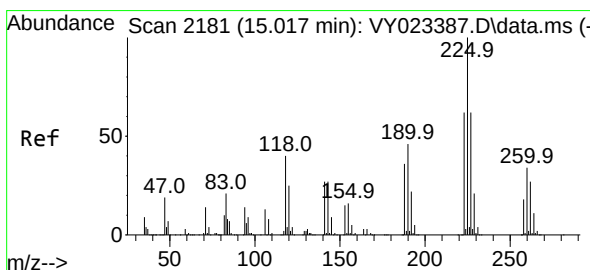
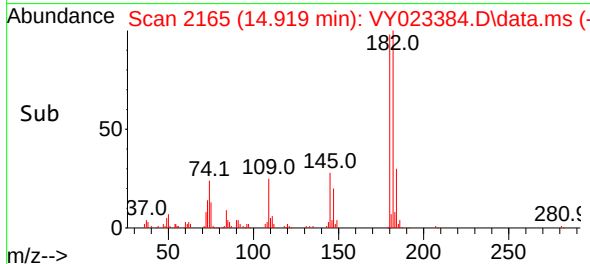
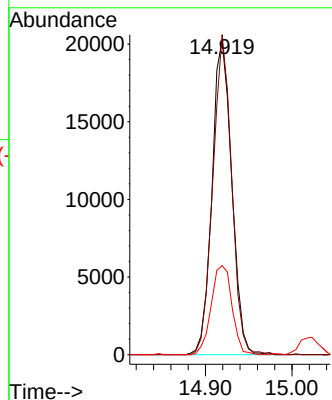
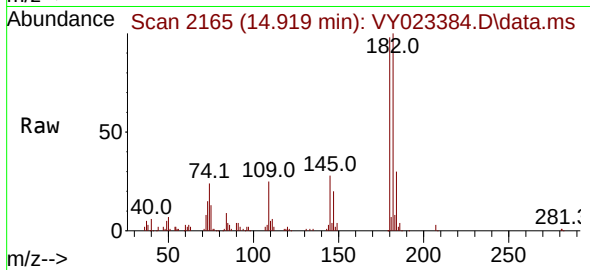
Tgt Ion:180 Resp: 32000

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.6

145 29.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 5.456 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

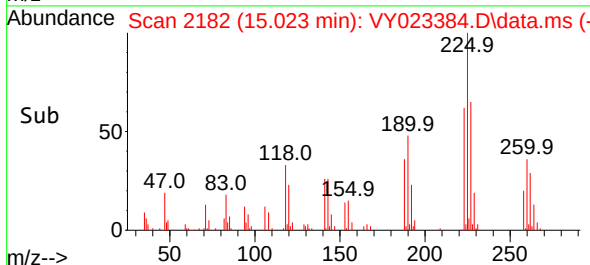
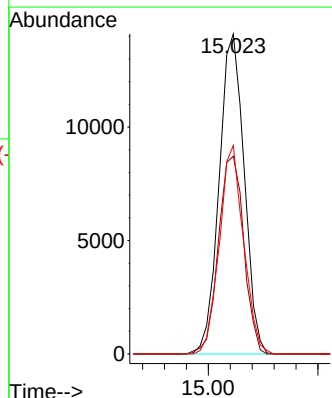
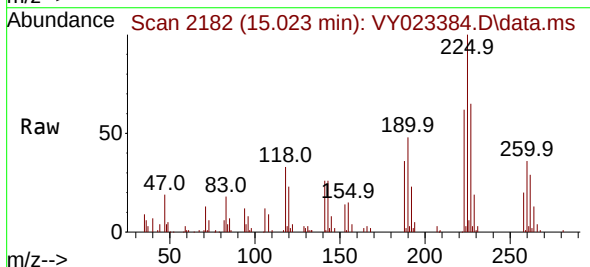
Tgt Ion:225 Resp: 22316

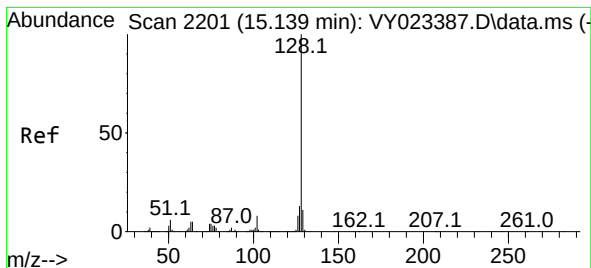
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 63.1 31.9 95.7





#95

Naphthalene

Concen: 4.360 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

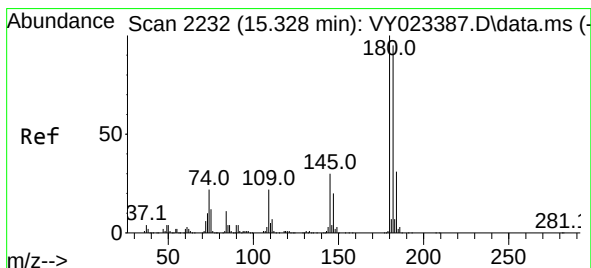
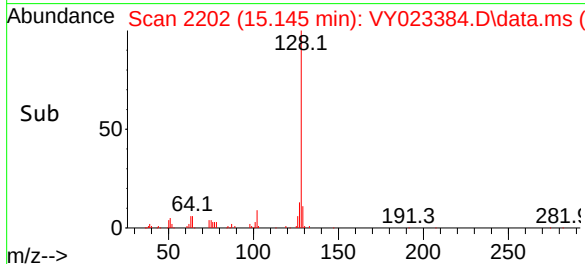
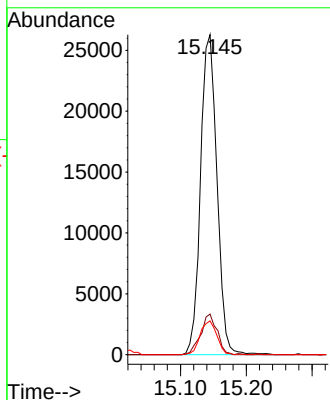
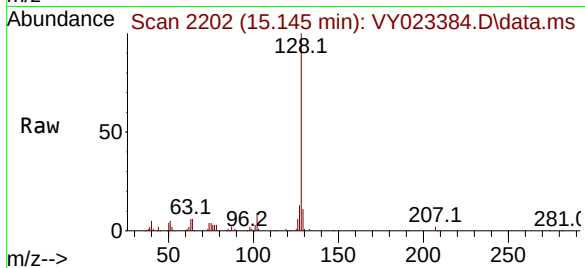
Tgt Ion:128 Resp: 45598

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 4.772 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023384.D

Acq: 07 Oct 2025 09:17

Tgt Ion:180 Resp: 27176

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 32.7 15.3 45.9

