

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063256.D
 Acq On : 12 Feb 2025 15:55
 Operator : MD/SY
 Sample : Q1168-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 13 03:49:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Feb 13 03:48:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	45990	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13548	0.893	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14191	0.900	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	6129	0.410	ug/l	96
3) Chloromethane	1.518	50	7403	0.430	ug/l	100
4) Vinyl Chloride	1.599	62	7277	0.427	ug/l	100
5) Bromomethane	1.846	94	3989	0.479	ug/l	98
6) Chloroethane	1.923	64	4608	0.430	ug/l	95
7) Trichlorofluoromethane	2.129	101	8710	0.432	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5168	0.451	ug/l	96
9) 1,1-Dichloroethene	2.570	96	4985	0.427	ug/l	92
10) Iodomethane	2.711	142	6895	0.376	ug/l	99
11) Allyl Chloride	2.914	41	6752	0.403	ug/l	98
12) Acrylonitrile	3.335	53	1624	0.603	ug/l	91
13) Acetone	2.618	43	4495	2.172	ug/l	98
14) Carbon Disulfide	2.782	76	17077	0.419	ug/l	99
15) Methylene Chloride	3.033	84	6484	0.450	ug/l	94
16) trans-1,2-Dichloroethene	3.345	96	5282	0.397	ug/l	90
17) 1,1-Dichloroethane	3.859	63	10127	0.403	ug/l	98
18) 2-Butanone	4.734	43	2623	0.796	ug/l	93
19) Cyclohexane	5.377	56	7075	0.351	ug/l	96
20) Methylcyclohexane	6.750	83	7051	0.353	ug/l	88
21) 2,2-Dichloropropane	4.653	77	8088	0.413	ug/l	96
22) cis-1,2-Dichloroethene	4.663	96	5788	0.402	ug/l	99
23) Diethyl Ether	2.367	59	4108	0.410	ug/l	89
24) tert-Butyl Alcohol	3.171	59	9421	7.736	ug/l #	79
25) Methyl tert-Butyl Ether	3.351	73	11958	0.410	ug/l	98
26) Bromochloromethane	4.962	128	2522	0.401	ug/l	98
27) Chloroform	5.078	83	10551	0.417	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	8496	0.414	ug/l	97
29) 1,1-Dichloropropene	5.521	75	7018	0.382	ug/l	97
30) Carbon Tetrachloride	5.512	117	6952	0.395	ug/l	90
31) Isopropyl Ether	3.981	45	13183	0.368	ug/l	91
32) Ethyl-t-butyl ether	4.486	59	11750	0.361	ug/l	97
33) Tert-Amyl methyl ether	5.930	73	9125	0.320	ug/l	99
34) Propionitrile	4.808	54	953	0.959	ug/l #	55
35) Benzene	5.769	78	21625	0.383	ug/l	94
36) 1,2-Dichloroethane	5.788	62	6347	0.389	ug/l	99
37) Trichloroethene	6.537	130	5066	0.377	ug/l	80
38) 1,2-Dichloropropane	6.785	63	5742	0.388	ug/l	95
39) Methacrylonitrile	5.004	41	826	0.223	ug/l #	81
40) Methyl acrylate	4.888	55	573	0.084	ug/l #	69
41) Tetrahydrofuran	5.055	42	807	0.375	ug/l #	47
42) 1-Chlorobutane	5.451	56	9174	0.365	ug/l	93
43) Dibromomethane	6.910	93	3058	0.408	ug/l	94
44) Bromodichloromethane	7.097	83	7282	0.418	ug/l #	85

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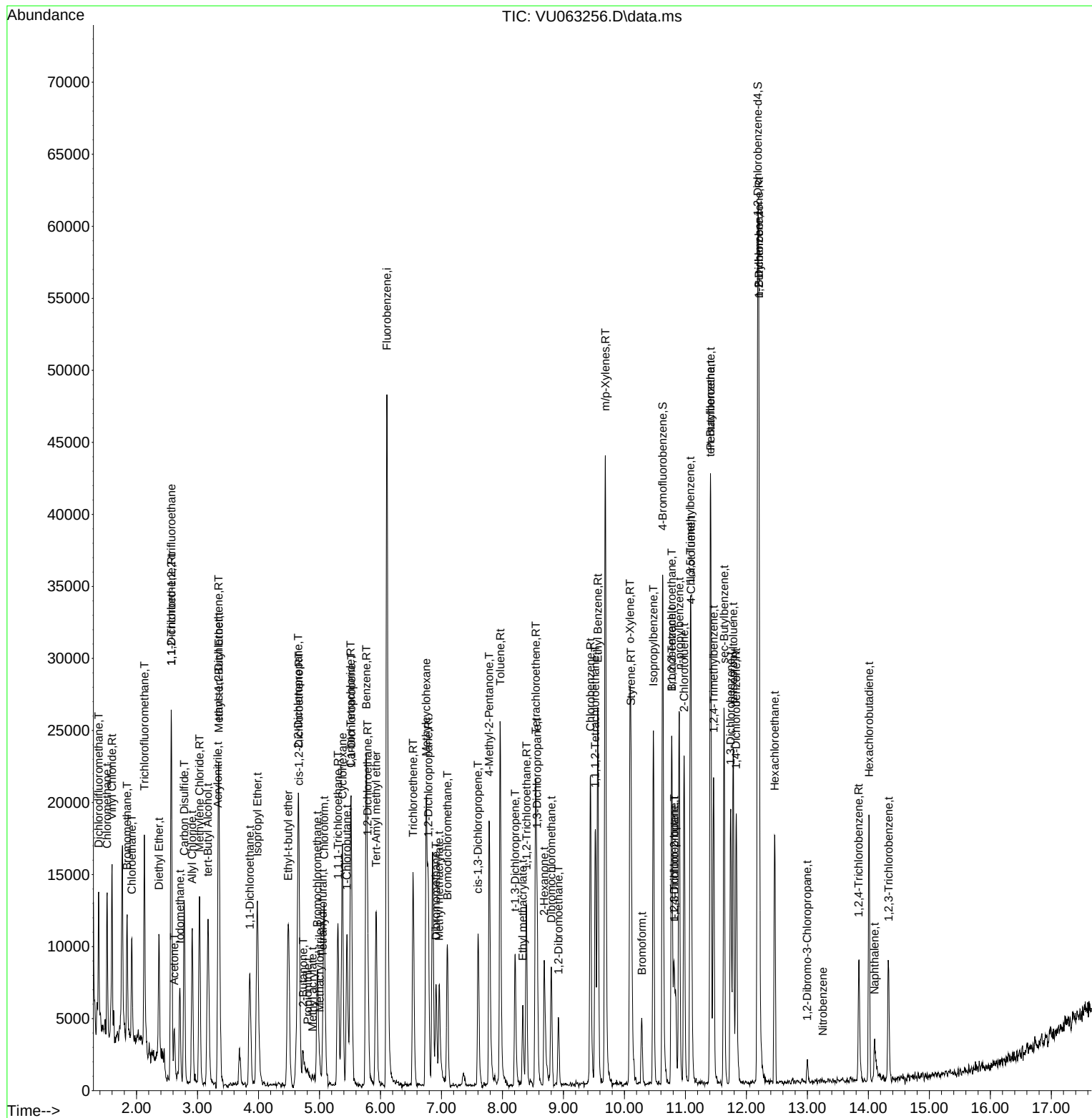
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	13187	1.679	ug/l	94
46) t-1,4-Dichloro-2-butene	10.817	75	5034	1.364	ug/l #	47
47) Methyl methacrylate	6.962	69	3973	0.630	ug/l	95
48) Ethyl methacrylate	8.335	69	3647	0.308	ug/l	96
49) Toluene	7.965	92	11563	0.356	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	5726	0.359	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	7161	0.363	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	4074	0.403	ug/l #	90
53) 1,3-Dichloropropane	8.566	76	7306	0.408	ug/l	93
54) 2-Hexanone	8.685	43	7573	1.413	ug/l	87
55) Dibromochloromethane	8.801	129	4514	0.389	ug/l	99
56) 1,2-Dibromoethane	8.920	107	3854	0.407	ug/l	84
58) Tetrachloroethene	8.547	164	4498	0.406	ug/l #	92
59) Chlorobenzene	9.444	112	13046	0.380	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	4936	0.400	ug/l	98
61) Pentachloroethane	11.415	117	4371	0.397	ug/l	94
62) Hexachloroethane	12.463	117	3474	0.357	ug/l	95
63) Ethyl Benzene	9.563	91	19315	0.327	ug/l	96
64) m/p-Xylenes	9.688	106	13584	0.615	ug/l	96
65) o-Xylene	10.094	106	6536	0.302	ug/l	94
66) Styrene	10.110	104	9785	0.284	ug/l	98
67) Bromoform	10.287	173	2365	0.359	ug/l #	94
69) Isopropylbenzene	10.476	105	16515	0.325	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	5219	0.383	ug/l #	96
71) 1,2,3-Trichloropropane	10.817	75	5034	0.492	ug/l #	78
72) Bromobenzene	10.775	156	4863	0.355	ug/l	88
73) n-propylbenzene	10.901	120	4372	0.300	ug/l	86
74) 2-Chlorotoluene	10.981	126	4612	0.344	ug/l	90
75) 1,3,5-Trimethylbenzene	11.081	105	12904	0.274	ug/l	94
76) 4-Chlorotoluene	11.094	126	4229	0.307	ug/l	93
77) tert-Butylbenzene	11.409	119	14542	0.305	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	12207	0.261	ug/l	91
79) sec-Butylbenzene	11.634	105	17810	0.294	ug/l	98
80) Nitrobenzene	13.254	77	222	0.686	ug/l #	41
81) p-Isopropyltoluene	11.785	119	13443	0.281	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	8963	0.337	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	9115	0.351	ug/l	97
84) n-Butylbenzene	12.206	91	11817	0.275	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	9181	0.360	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.994	75	275	0.144	ug/l #	13
87) 1,2,4-Trichlorobenzene	13.843	180	3511	0.282	ug/l	96
88) Hexachlorobutadiene	14.013	225	3638	0.409	ug/l	96
89) Naphthalene	14.103	128	3984	0.199	ug/l #	88
90) 1,2,3-Trichlorobenzene	14.331	180	3393	0.278	ug/l	98

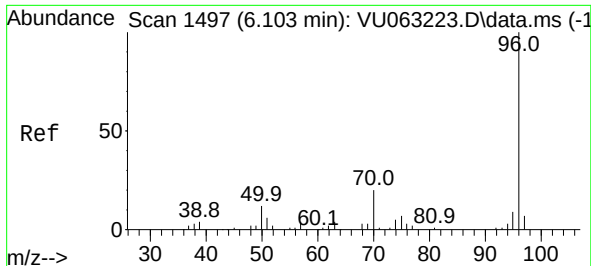
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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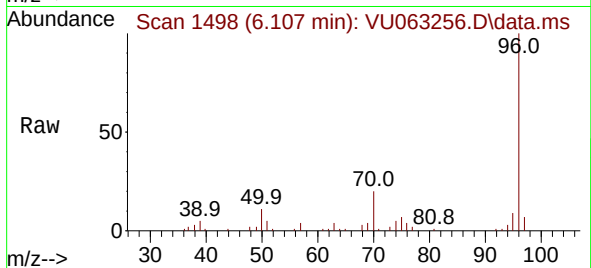
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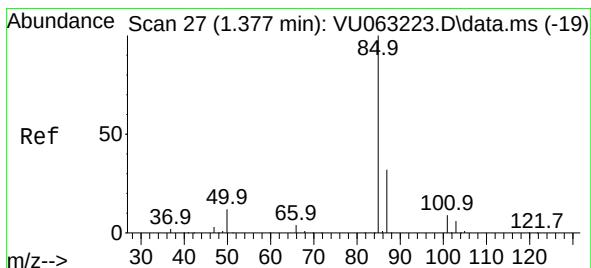
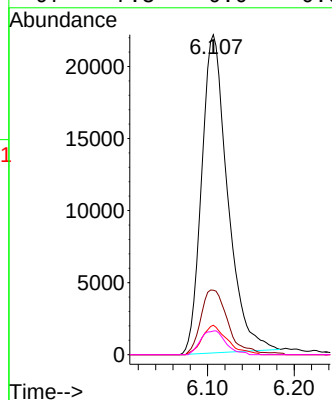
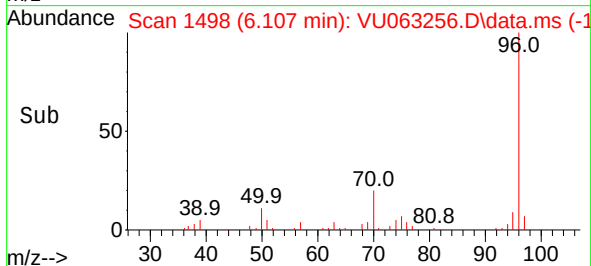
#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 6.107 min Scan# 14
 Delta R.T. 0.004 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 45990

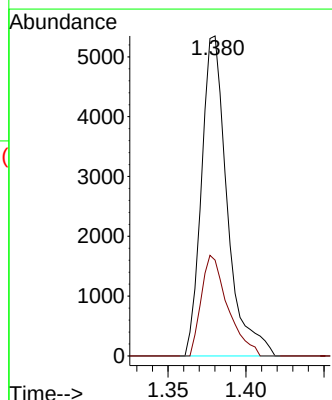
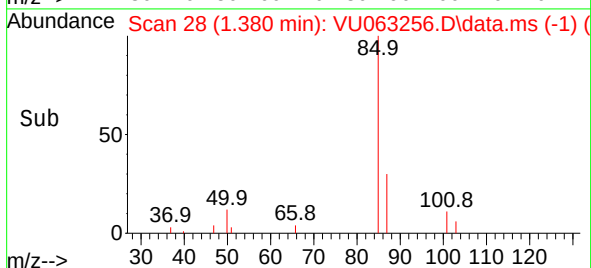
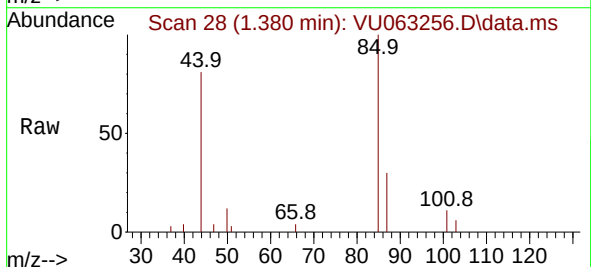
Ion	Ratio	Lower	Upper
96	100		
70	21.5	15.6	23.4
95	9.0	7.3	10.9
97	7.3	0.0	0.0

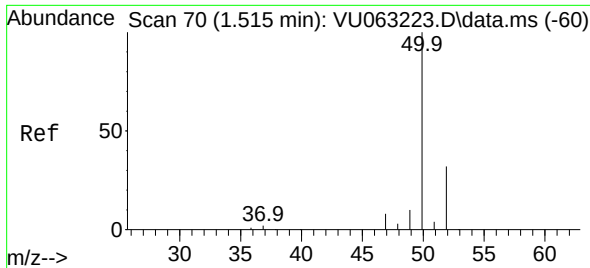


#2
 Dichlorodifluoromethane
 Concen: 0.410 ug/l
 RT: 1.380 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

Tgt Ion: 85 Resp: 6129

Ion	Ratio	Lower	Upper
85	100		
87	29.9	16.0	48.0

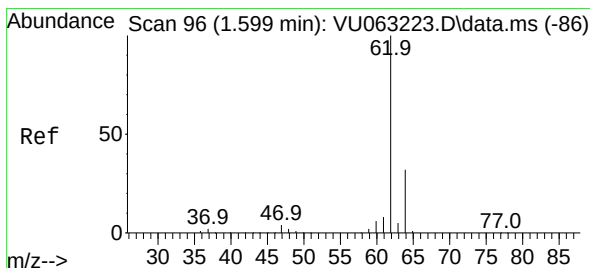
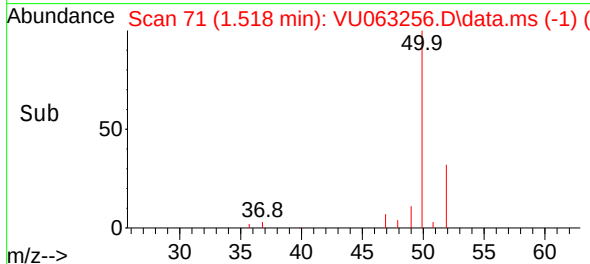
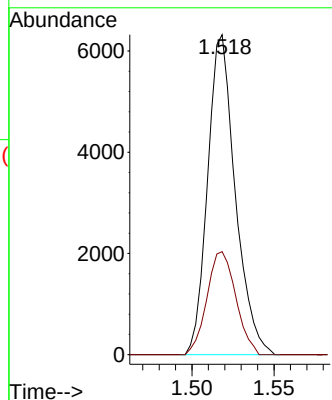
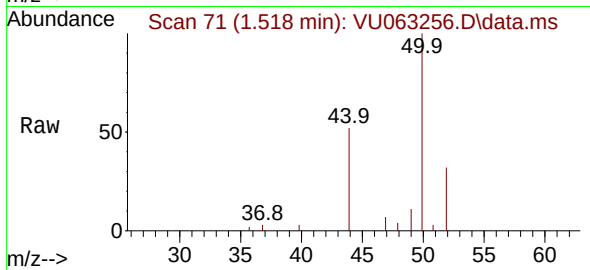




#3
Chloromethane
Concen: 0.430 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

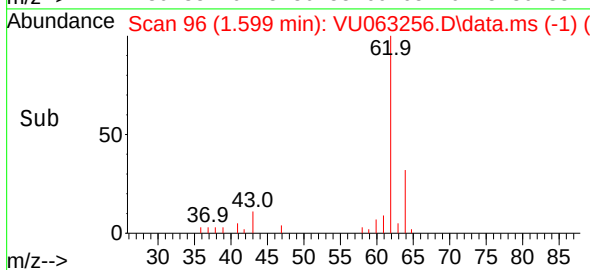
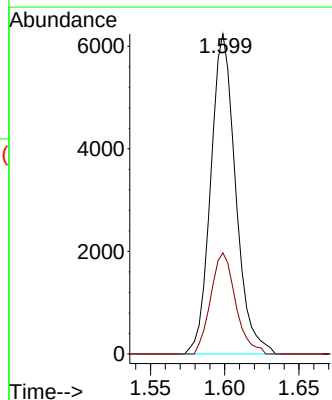
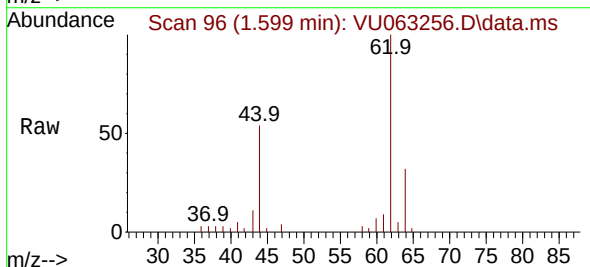
Instrument :
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ClientSampleId :

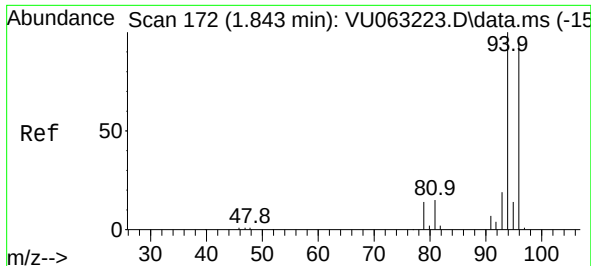
Tgt Ion: 50 Resp: 7403
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8



#4
Vinyl Chloride
Concen: 0.427 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 62 Resp: 7277
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

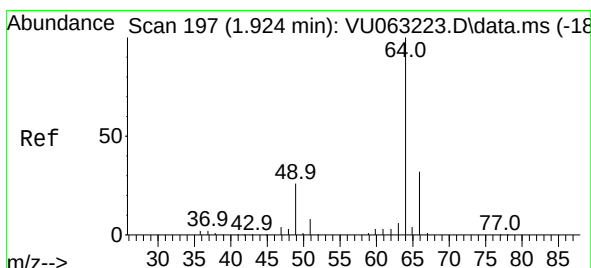
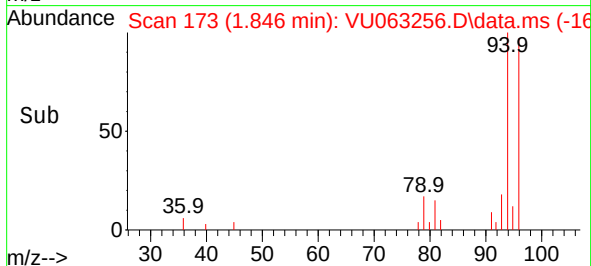
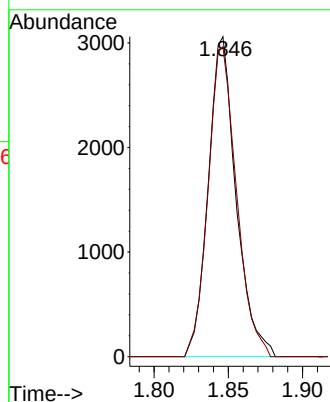
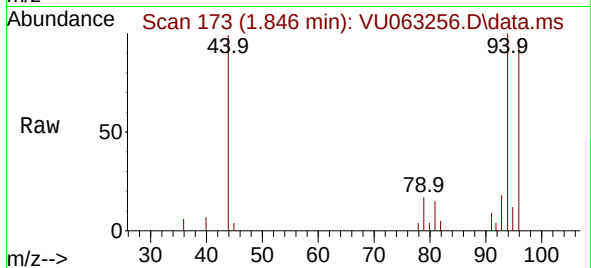




#5
Bromomethane
Concen: 0.479 ug/l
RT: 1.846 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

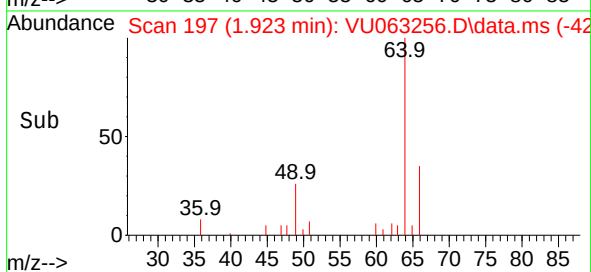
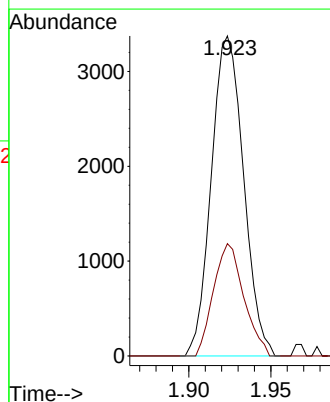
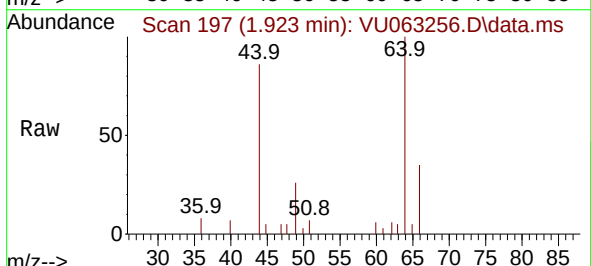
Instrument :
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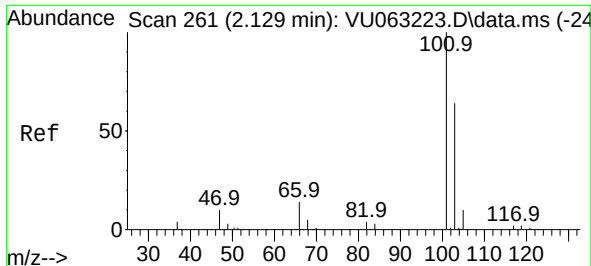
Tgt Ion: 94 Resp: 3989
Ion Ratio Lower Upper
94 100
96 96.9 75.7 113.5



#6
Chloroethane
Concen: 0.430 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 64 Resp: 4608
Ion Ratio Lower Upper
64 100
66 35.1 25.8 38.8

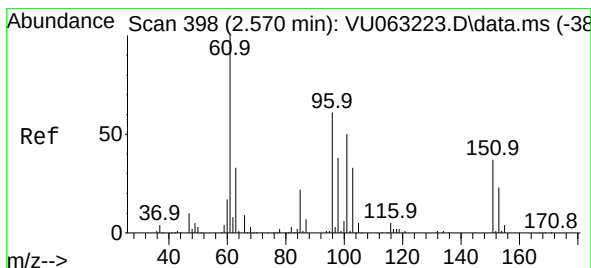
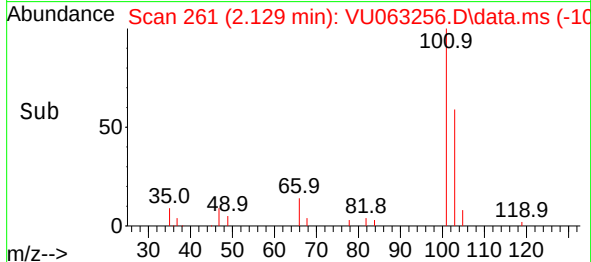
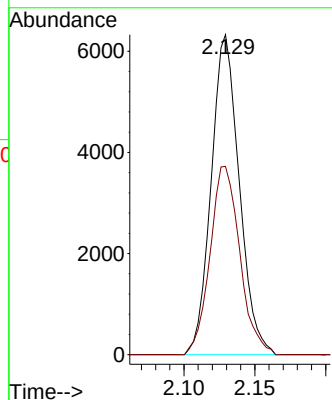
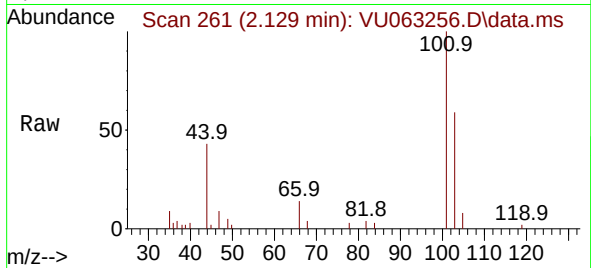




#7
Trichlorofluoromethane
Concen: 0.432 ug/l
RT: 2.129 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

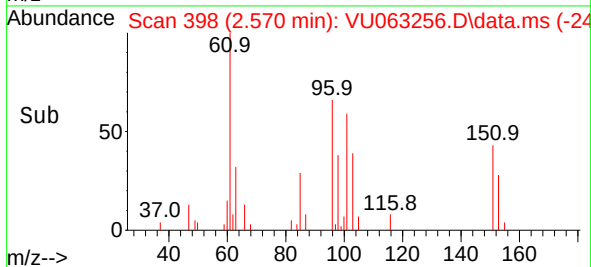
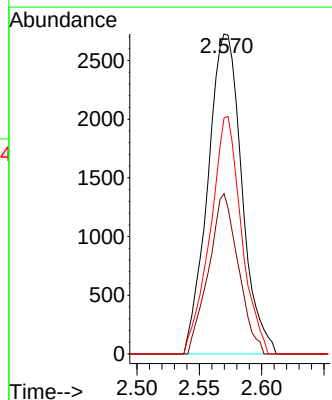
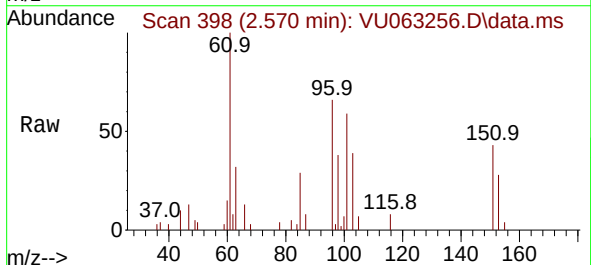
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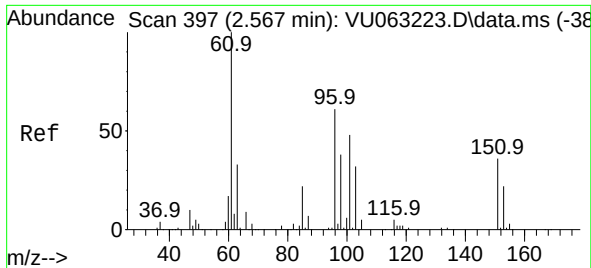
Tgt Ion:101 Resp: 8710
Ion Ratio Lower Upper
101 100
103 58.9 51.4 77.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.451 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:101 Resp: 5168
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.0
151 68.0 58.5 87.7

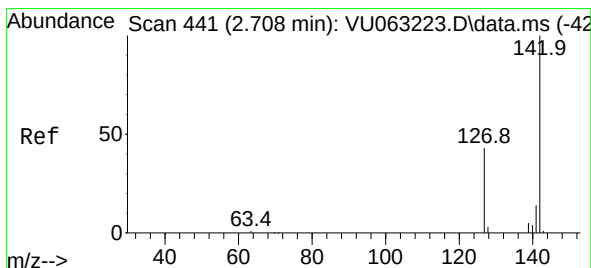
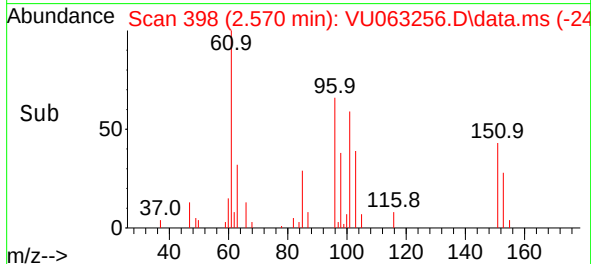
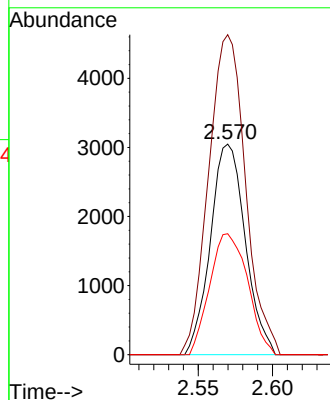
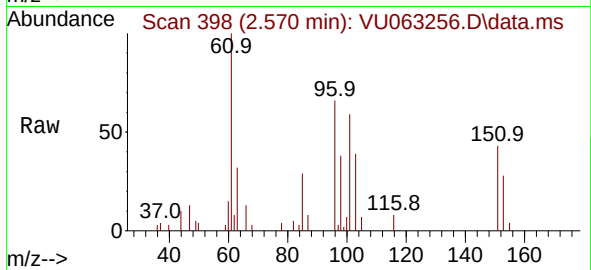




#9
1,1-Dichloroethene
Concen: 0.427 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

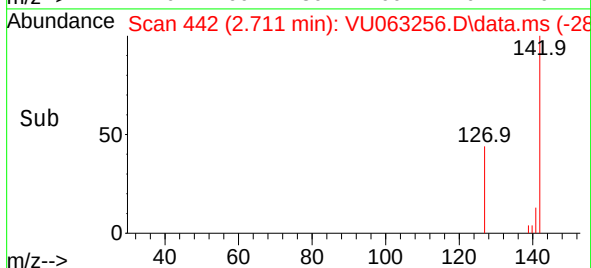
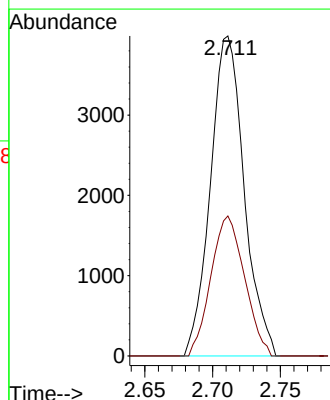
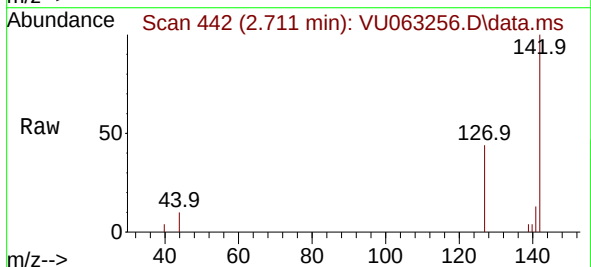
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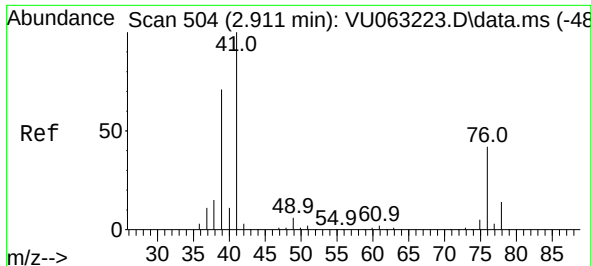
Tgt Ion: 96 Resp: 4985
Ion Ratio Lower Upper
96 100
61 152.0 0.0 492.9
98 57.4 0.0 124.0



#10
Iodomethane
Concen: 0.376 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 142 Resp: 6895
Ion Ratio Lower Upper
142 100
127 43.6 34.5 51.7





#11

Allyl Chloride

Concen: 0.403 ug/l

RT: 2.914 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

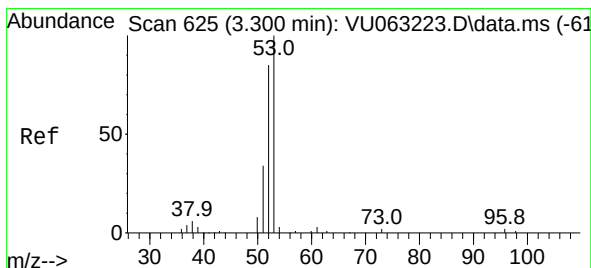
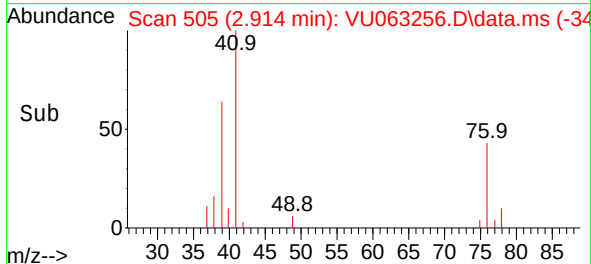
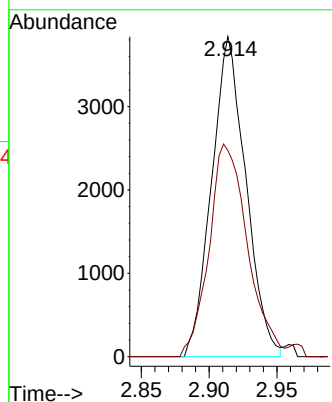
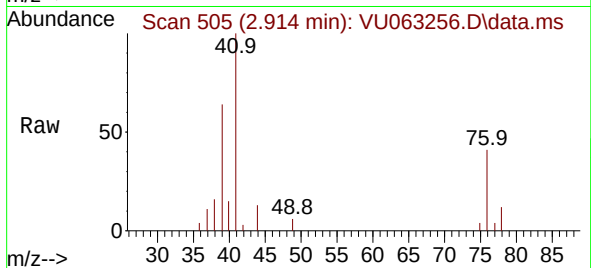
ClientSampleId :

Tgt Ion: 41 Resp: 6752

Ion Ratio Lower Upper

41 100

39 74.3 57.9 86.9



#12

Acrylonitrile

Concen: 0.603 ug/l

RT: 3.335 min Scan# 636

Delta R.T. 0.035 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

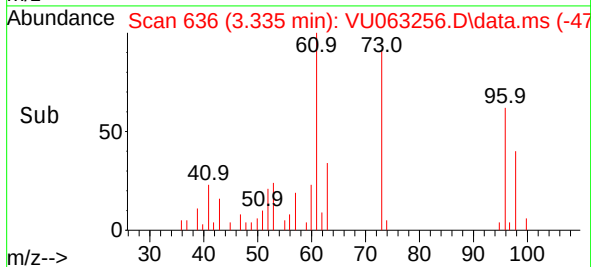
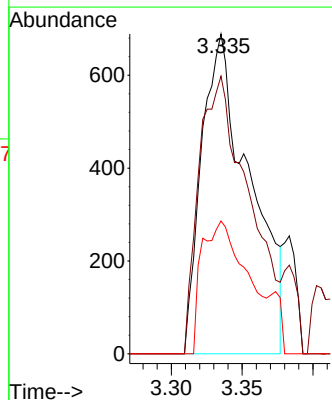
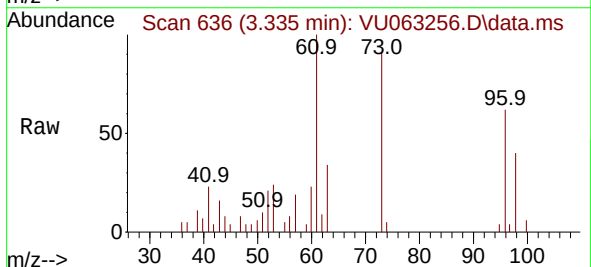
Tgt Ion: 53 Resp: 1624

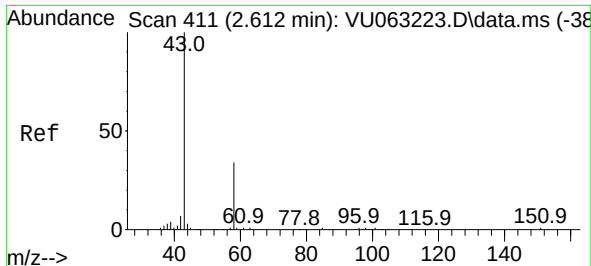
Ion Ratio Lower Upper

53 100

52 91.1 64.2 96.2

51 39.1 30.8 46.2





#13

Acetone

Concen: 2.172 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

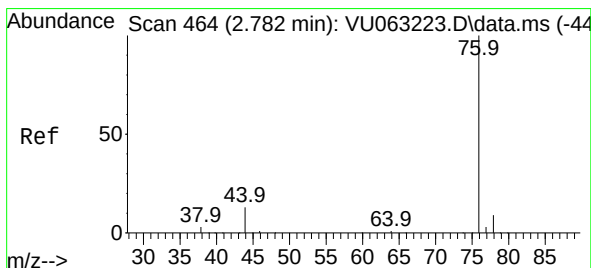
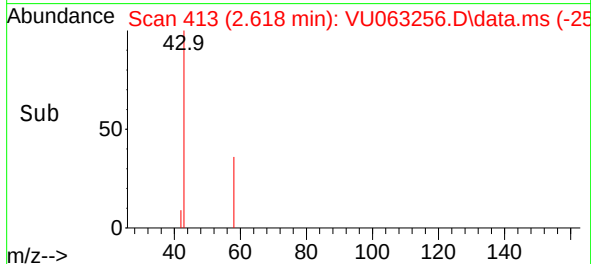
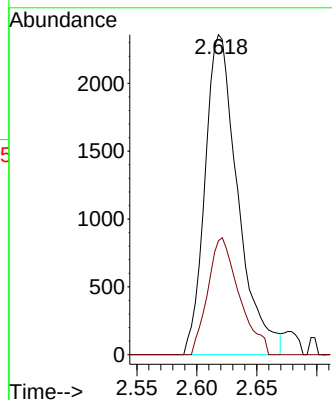
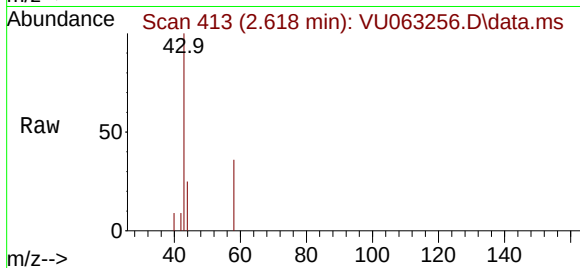
ClientSampleId :

Tgt Ion: 43 Resp: 4495

Ion Ratio Lower Upper

43 100

58 35.6 27.4 41.0



#14

Carbon Disulfide

Concen: 0.419 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063256.D

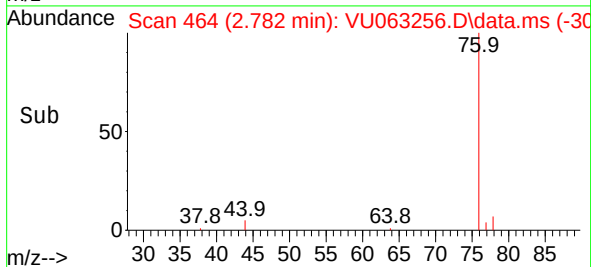
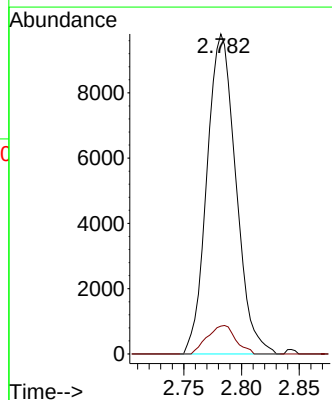
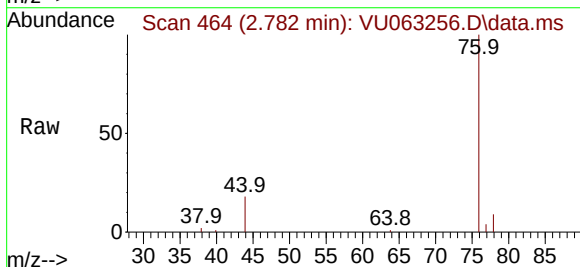
Acq: 12 Feb 2025 15:55

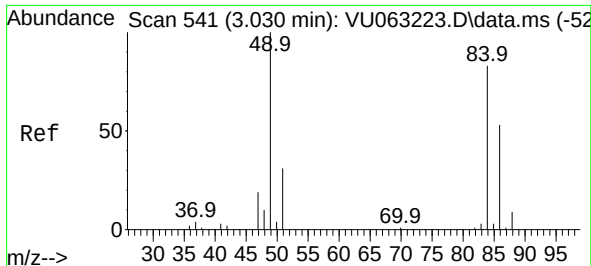
Tgt Ion: 76 Resp: 17077

Ion Ratio Lower Upper

76 100

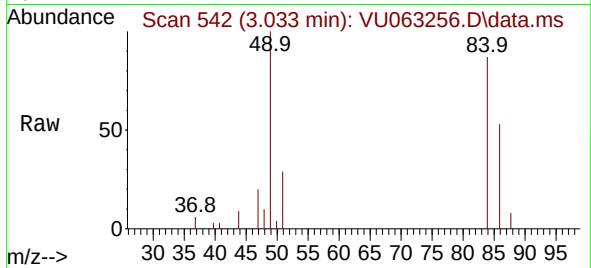
78 8.7 7.2 10.8



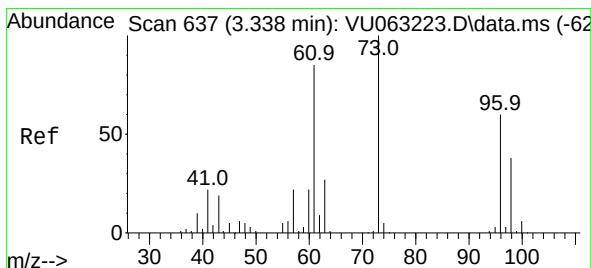
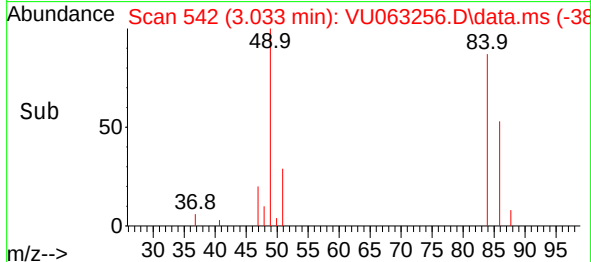
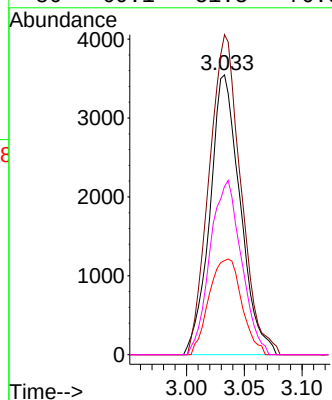


#15
Methylene Chloride
Concen: 0.450 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Instrument :
MSVOA_U
ClientSampleId :

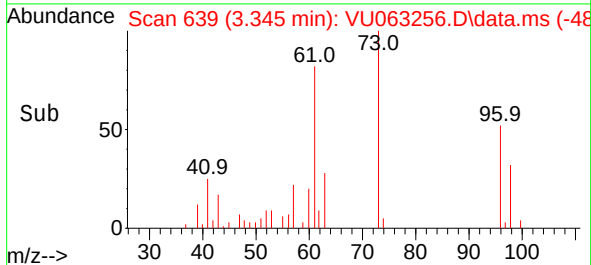
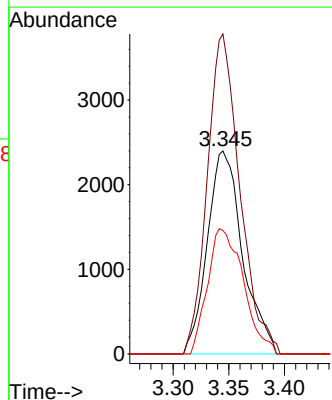
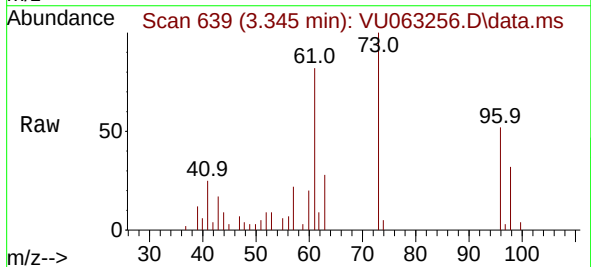


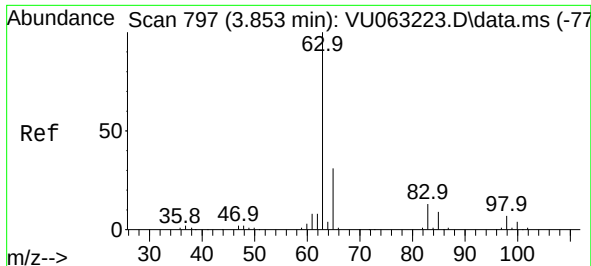
Tgt Ion: 84 Resp: 6484
Ion Ratio Lower Upper
84 100
49 114.3 96.4 144.6
51 33.6 0.0 74.8
86 60.1 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 0.397 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 96 Resp: 5282
Ion Ratio Lower Upper
96 100
61 157.5 113.4 170.2
98 60.8 51.2 76.8

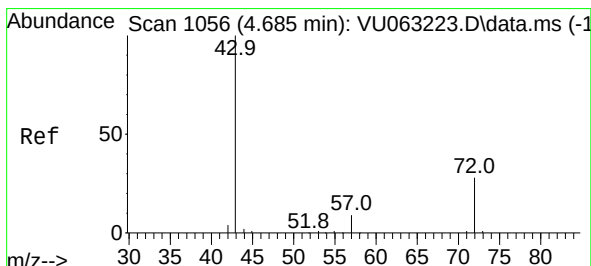
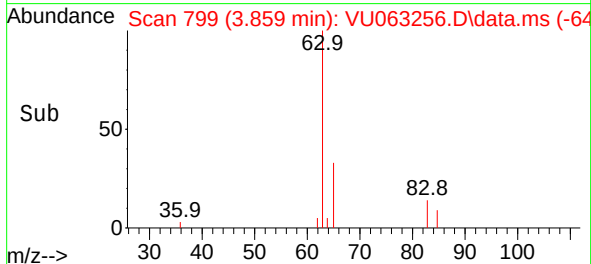
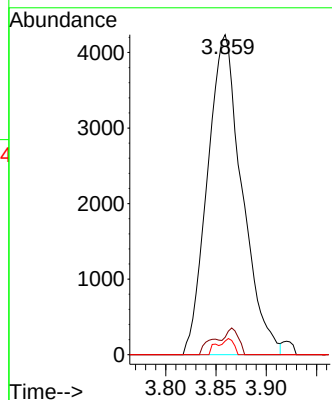
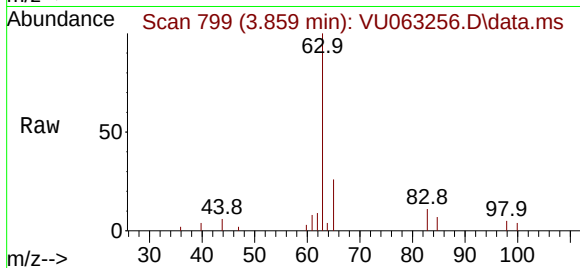




#17
1,1-Dichloroethane
Concen: 0.403 ug/l
RT: 3.859 min Scan# 797
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

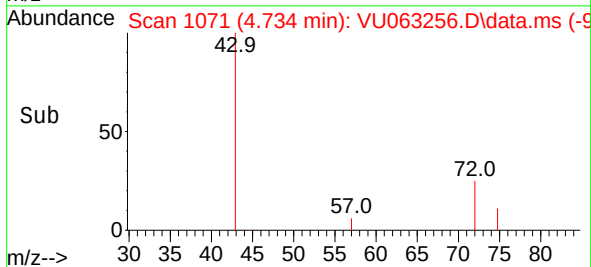
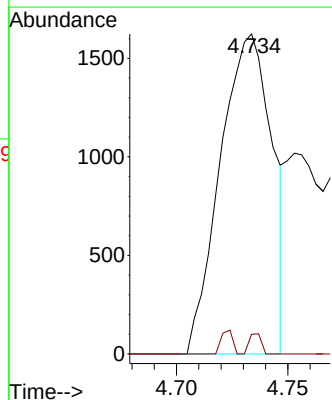
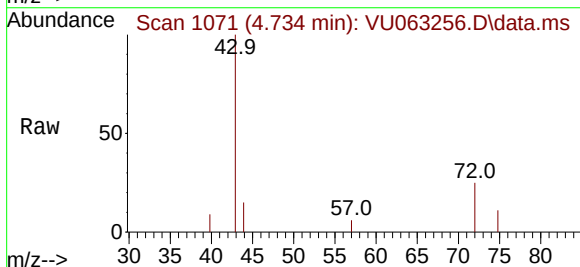
Instrument :
MSVOA_U
ClientSampleId :

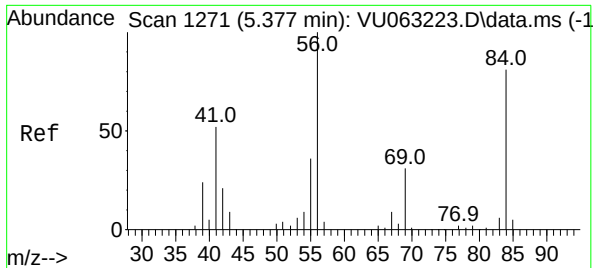
Tgt Ion:	63	Resp:	10127
Ion Ratio	Lower	Upper	
63	100		
98	5.5	3.3	9.9
100	4.2	2.1	6.2



#18
2-Butanone
Concen: 0.796 ug/l
RT: 4.734 min Scan# 1071
Delta R.T. 0.048 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:	43	Resp:	2623
Ion Ratio	Lower	Upper	
43	100		
57	6.2	0.0	17.0





#19

Cyclohexane

Concen: 0.351 ug/l

RT: 5.377 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063256.D

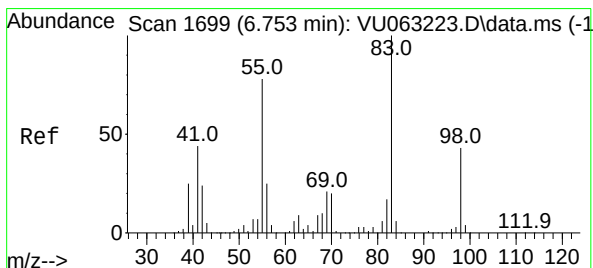
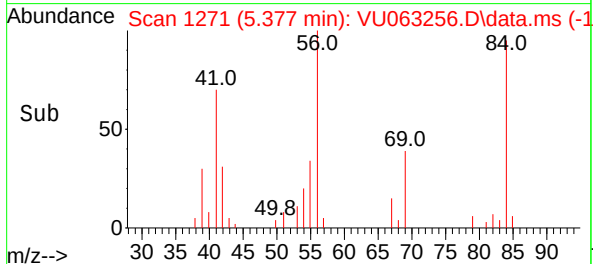
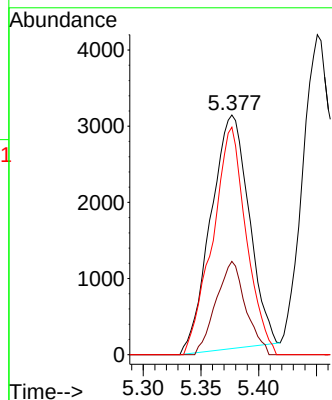
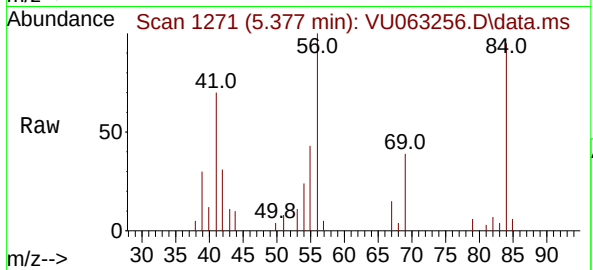
Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	7075
Ion Ratio	Lower	Upper	
56	100		
69	31.0	24.5	36.7
84	85.9	65.2	97.8



#20

Methylcyclohexane

Concen: 0.353 ug/l

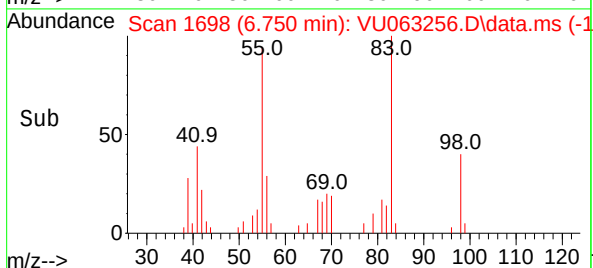
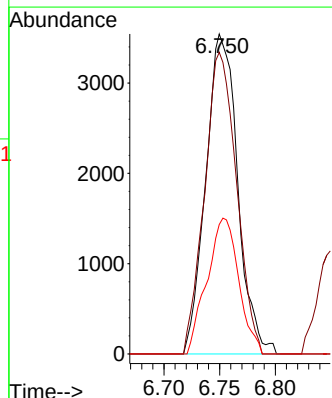
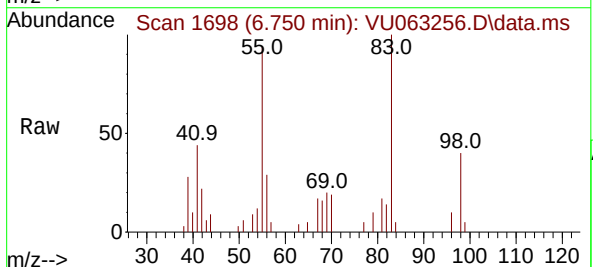
RT: 6.750 min Scan# 1698

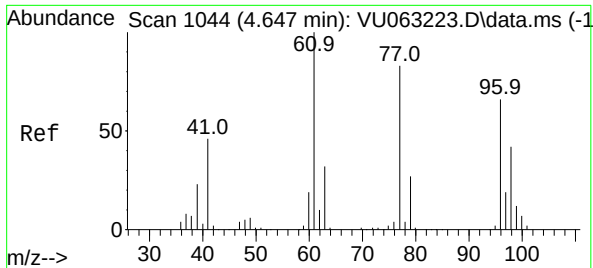
Delta R.T. -0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:	83	Resp:	7051
Ion Ratio	Lower	Upper	
83	100		
55	94.3	63.1	94.7
98	42.3	35.2	52.8





#21

2,2-Dichloropropane

Concen: 0.413 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

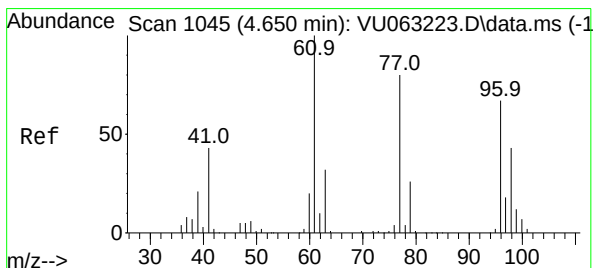
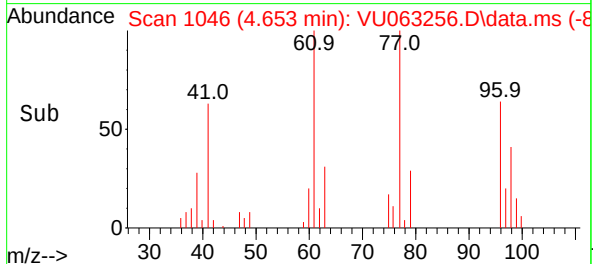
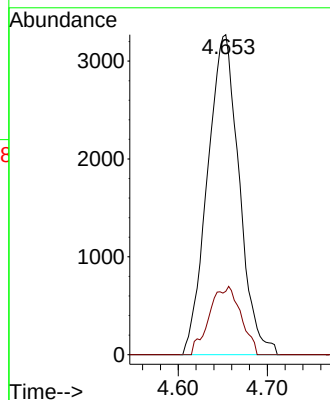
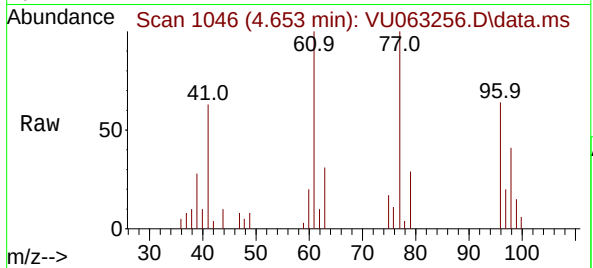
ClientSampleId :

Tgt Ion: 77 Resp: 8088

Ion Ratio Lower Upper

77 100

97 21.1 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.402 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

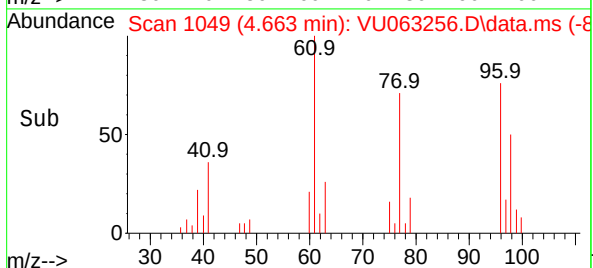
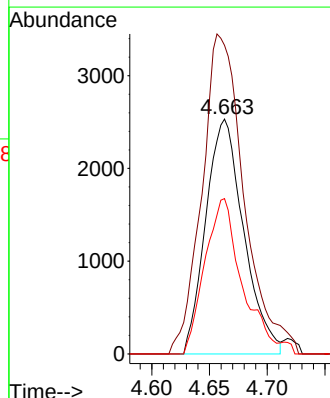
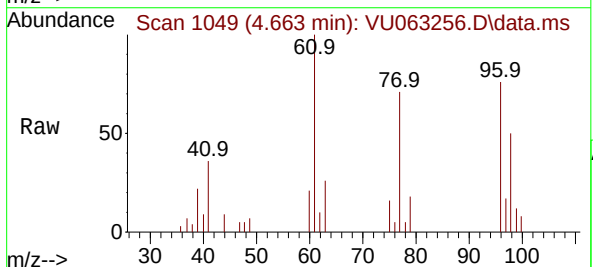
Tgt Ion: 96 Resp: 5788

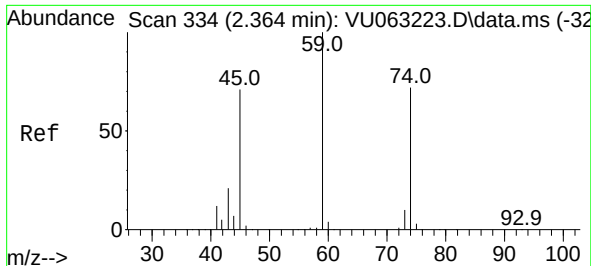
Ion Ratio Lower Upper

96 100

61 151.3 0.0 373.3

98 64.5 31.9 95.9

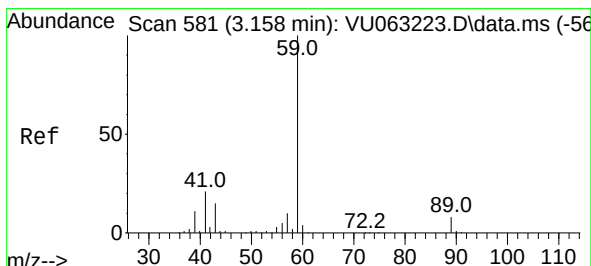
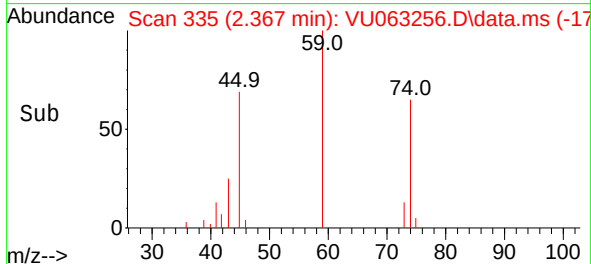
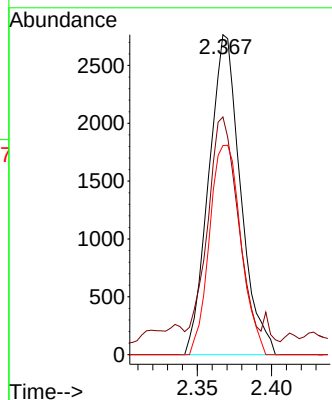
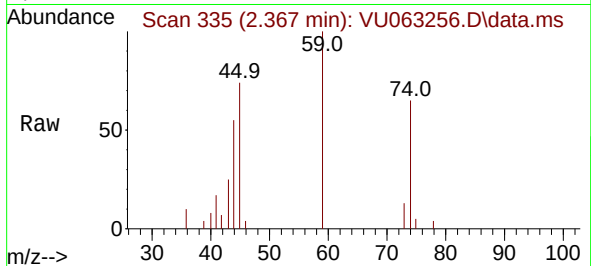




#23
Diethyl Ether
Concen: 0.410 ug/l
RT: 2.367 min Scan# 341
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

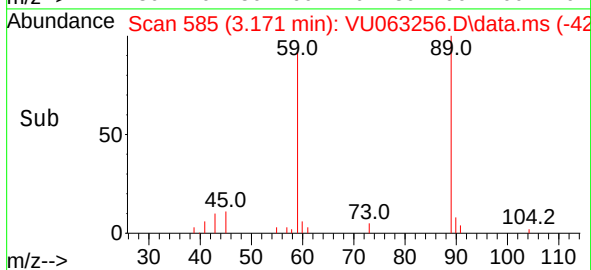
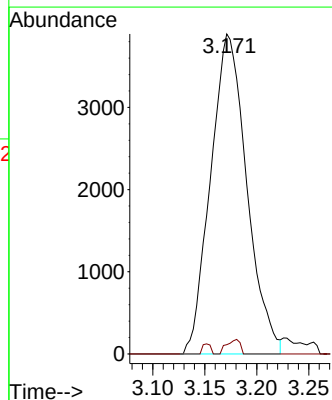
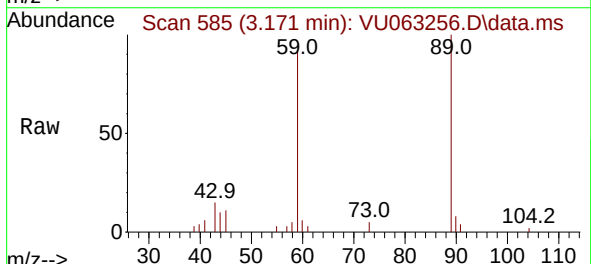
Instrument :
MSVOA_U
ClientSampleId :

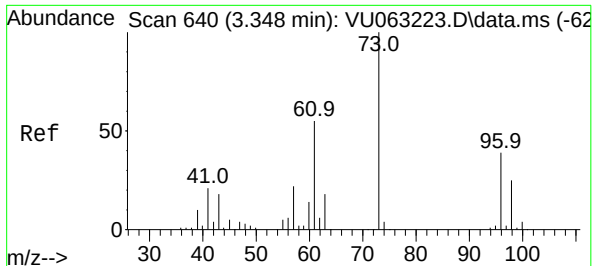
Tgt Ion: 59 Resp: 4108
Ion Ratio Lower Upper
59 100
45 61.5 57.8 86.6
74 64.8 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 7.736 ug/l
RT: 3.171 min Scan# 585
Delta R.T. 0.013 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 59 Resp: 9421
Ion Ratio Lower Upper
59 100
57 1.7 7.5 11.3#

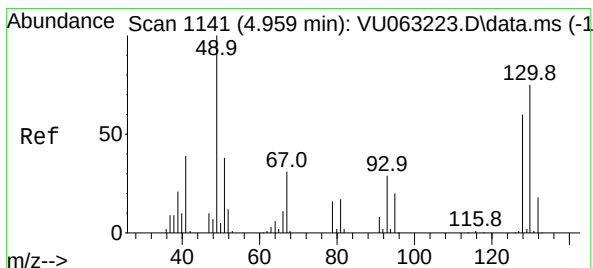
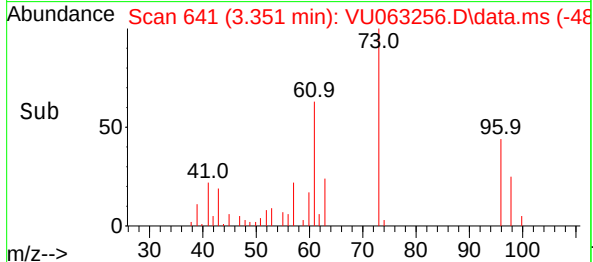
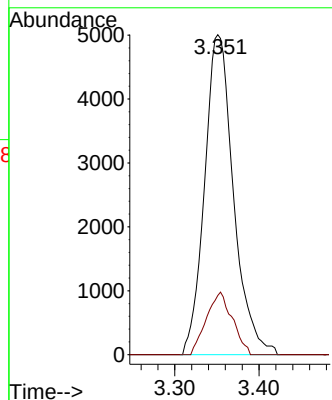
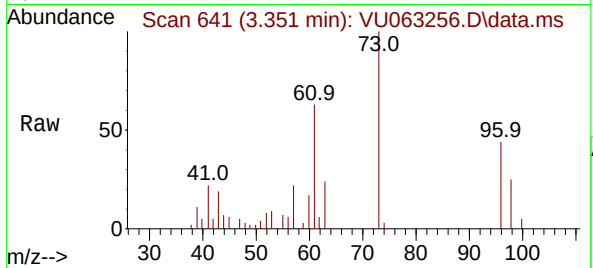




#25
Methyl tert-Butyl Ether
Concen: 0.410 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

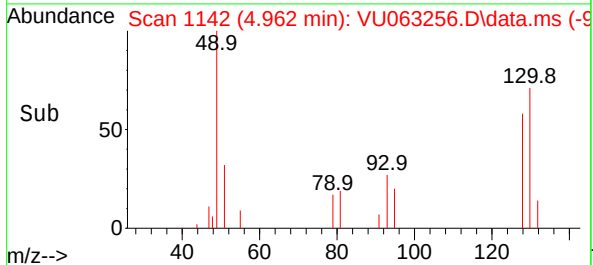
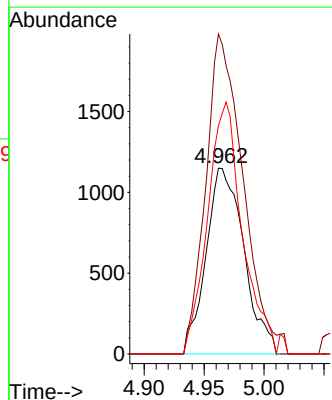
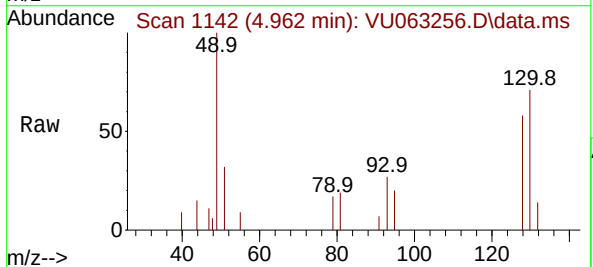
Instrument :
MSVOA_U
ClientSampleId :

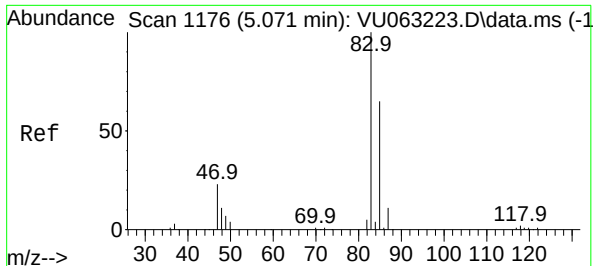
Tgt Ion: 73 Resp: 11958
Ion Ratio Lower Upper
73 100
43 17.5 14.9 22.3



#26
Bromochloromethane
Concen: 0.401 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 128 Resp: 2522
Ion Ratio Lower Upper
128 100
49 169.9 0.0 343.4
130 124.6 102.9 154.3





#27

Chloroform

Concen: 0.417 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

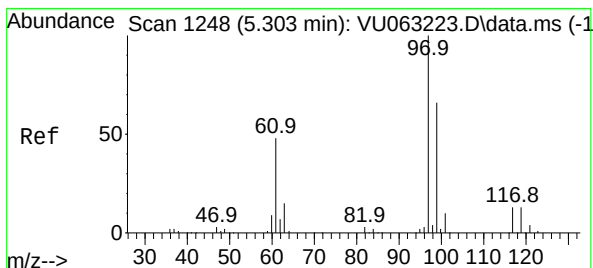
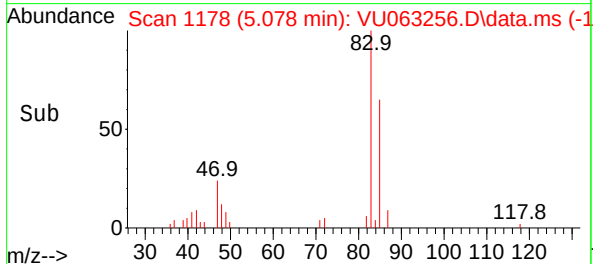
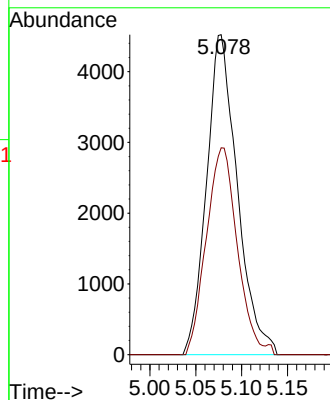
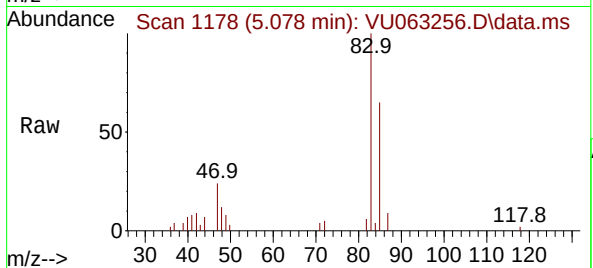
ClientSampleId :

Tgt Ion: 83 Resp: 10551

Ion Ratio Lower Upper

83 100

85 64.6 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 0.414 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

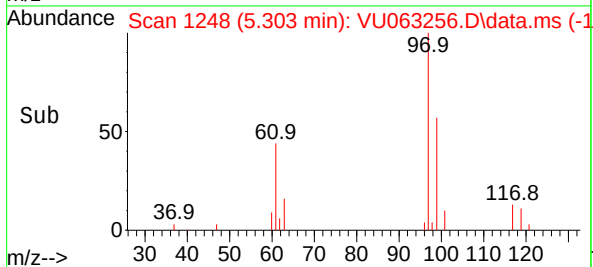
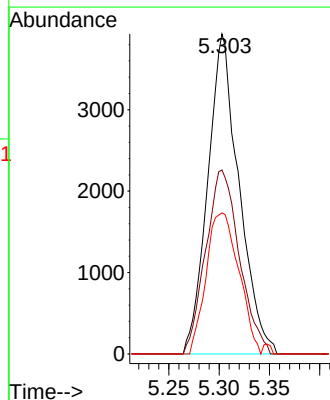
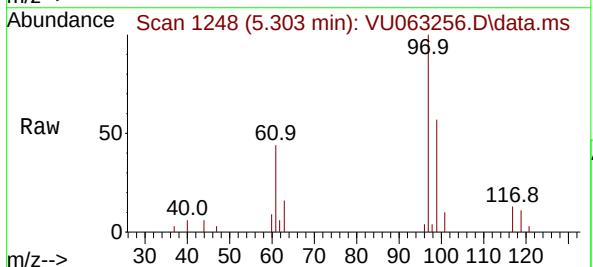
Tgt Ion: 97 Resp: 8496

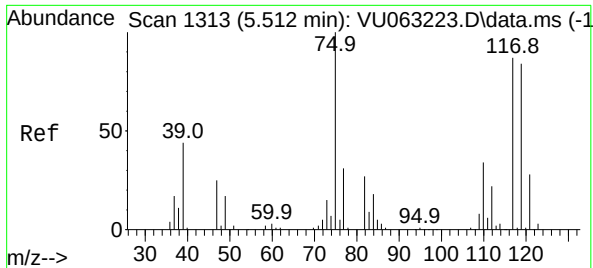
Ion Ratio Lower Upper

97 100

99 62.0 32.4 97.0

61 46.1 23.8 71.2

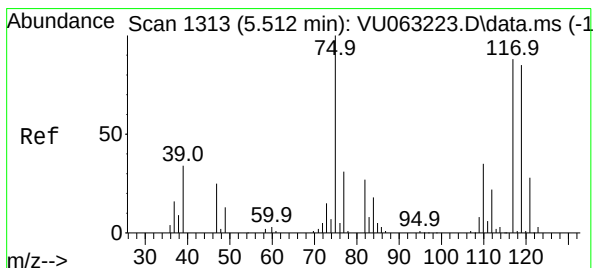
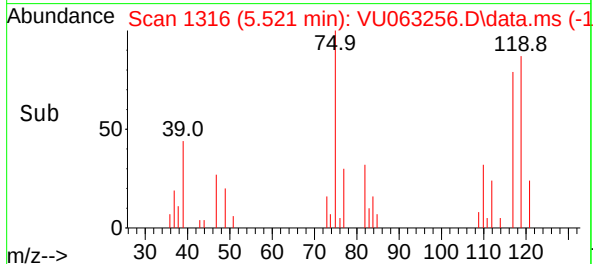
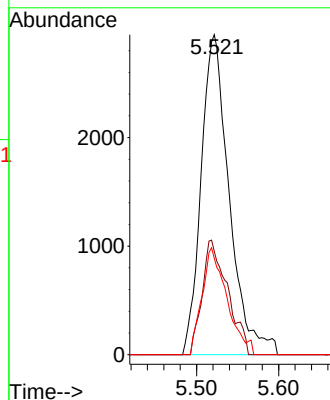
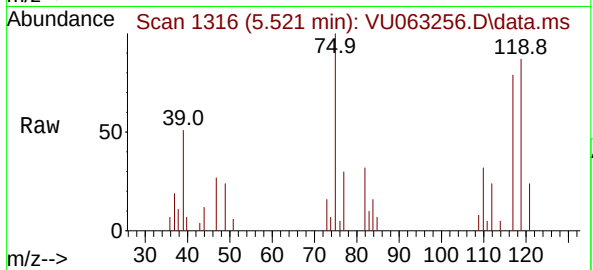




#29
1,1-Dichloropropene
Concen: 0.382 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

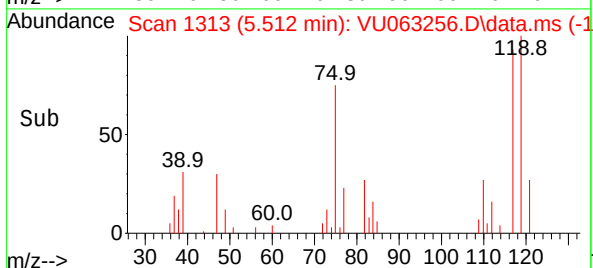
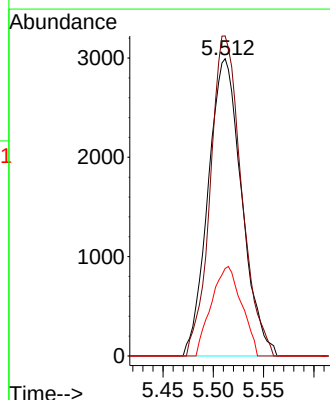
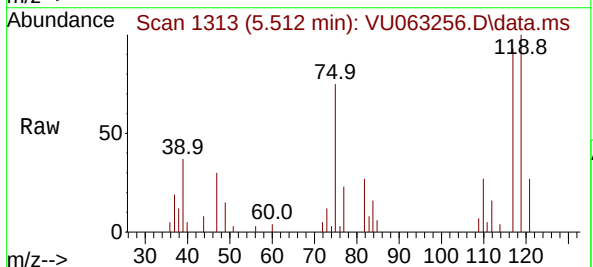
Instrument :
MSVOA_U
ClientSampleId :

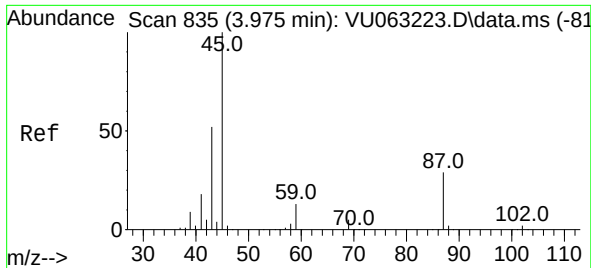
Tgt Ion: 75 Resp: 7018
Ion Ratio Lower Upper
75 100
110 32.3 17.2 51.5
77 29.7 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.395 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:117 Resp: 6952
Ion Ratio Lower Upper
117 100
119 107.6 76.7 115.1
121 29.4 25.5 38.3

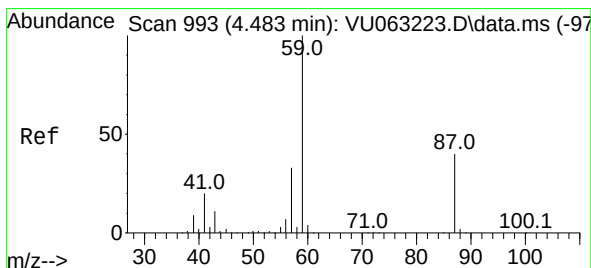
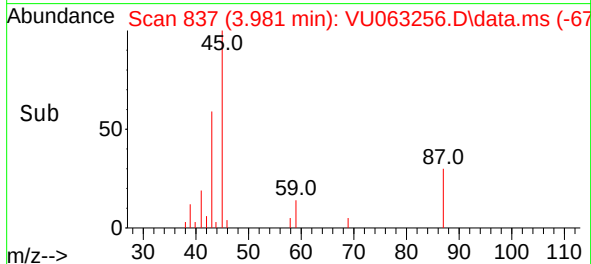
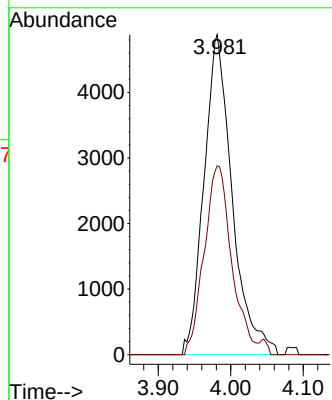
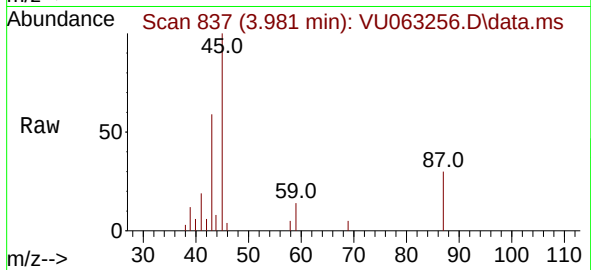




#31
Isopropyl Ether
Concen: 0.368 ug/l
RT: 3.981 min Scan# 835
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

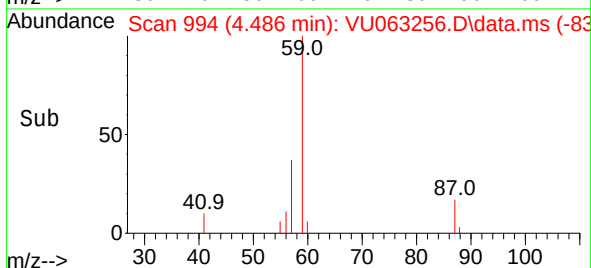
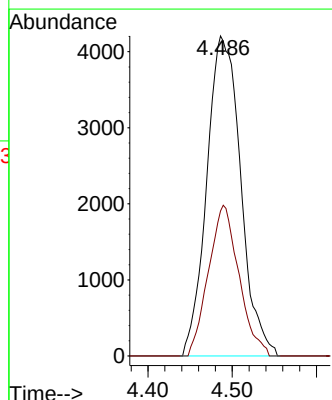
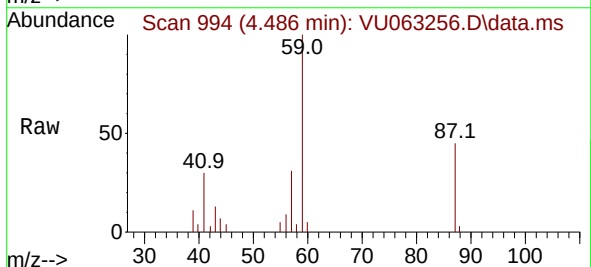
Instrument :
MSVOA_U
ClientSampleId :

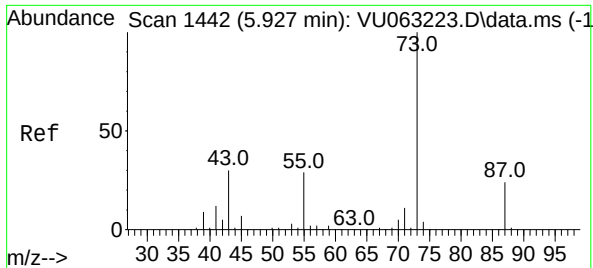
Tgt Ion: 45 Resp: 13183
Ion Ratio Lower Upper
45 100
43 57.8 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 0.361 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

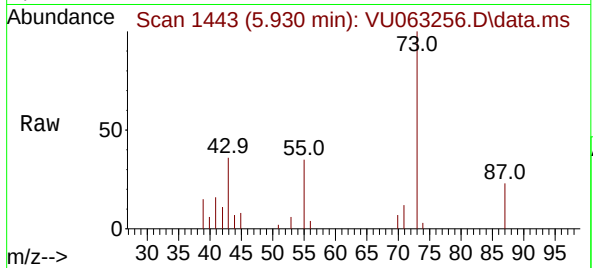
Tgt Ion: 59 Resp: 11750
Ion Ratio Lower Upper
59 100
87 42.4 32.6 49.0



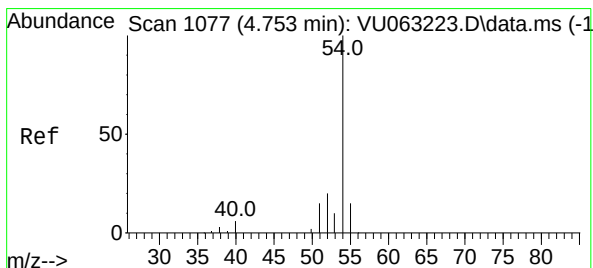
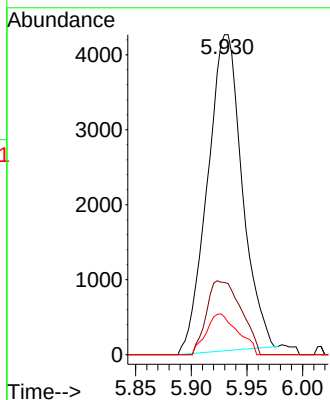
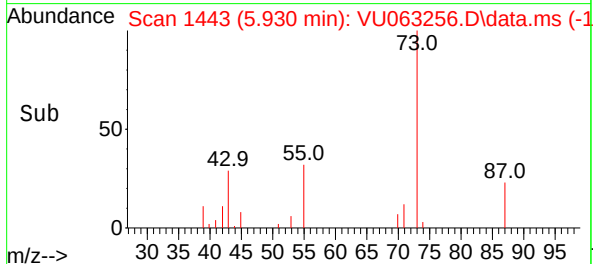


#33
Tert-Amyl methyl ether
Concen: 0.320 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Instrument :
MSVOA_U
ClientSampleId :

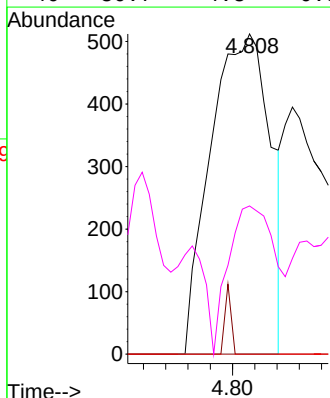
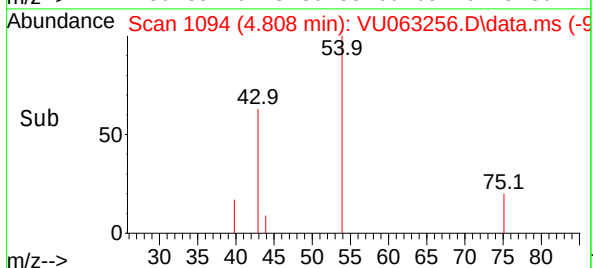
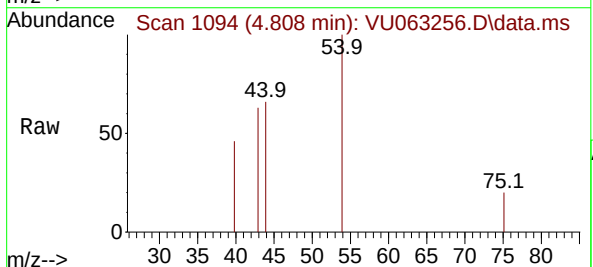


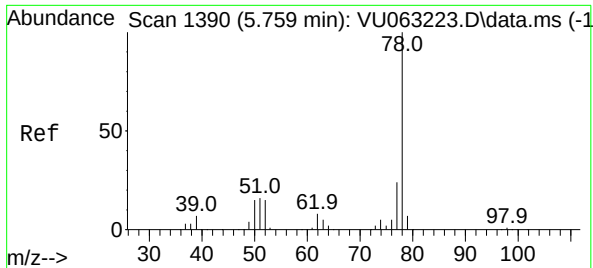
Tgt Ion: 73	Resp: 9125
Ion Ratio	Lower Upper
73	100
87	23.4 18.9 28.3
71	11.8 9.0 13.4



#34
Propionitrile
Concen: 0.959 ug/l
RT: 4.808 min Scan# 1094
Delta R.T. 0.055 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 54	Resp: 953
Ion Ratio	Lower Upper
54	100
52	2.3 16.3 24.5#
55	0.0 11.8 17.6#
40	36.7 4.3 6.5#

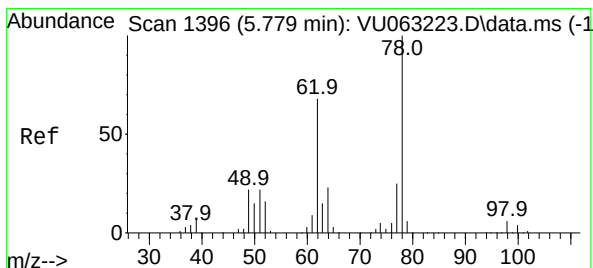
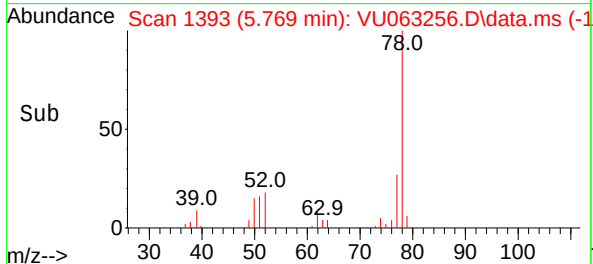
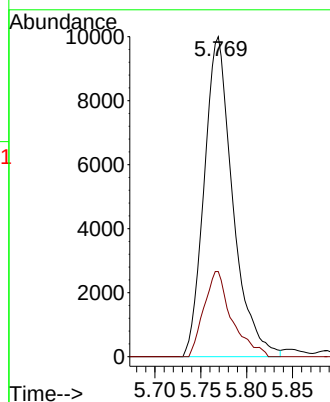
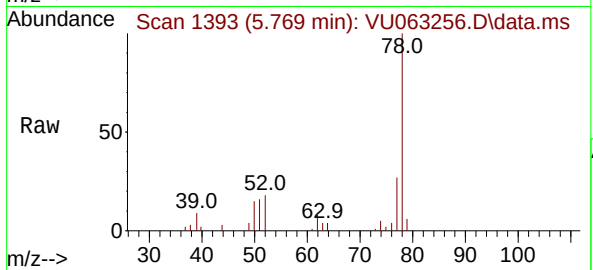




#35
Benzene
Concen: 0.383 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.010 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

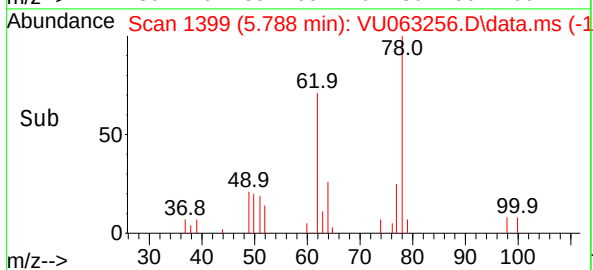
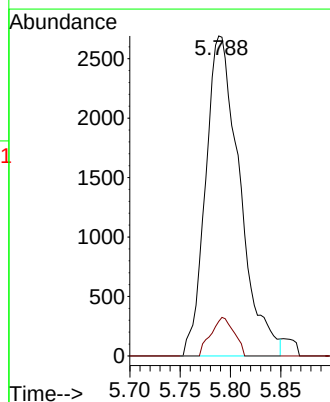
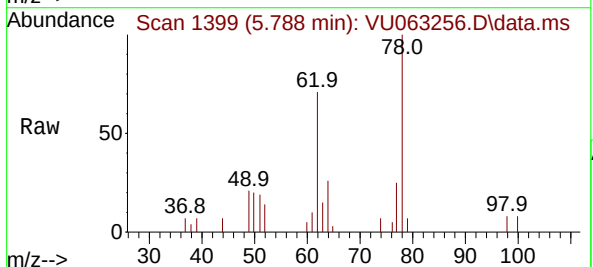
Instrument :
MSVOA_U
ClientSampleId :

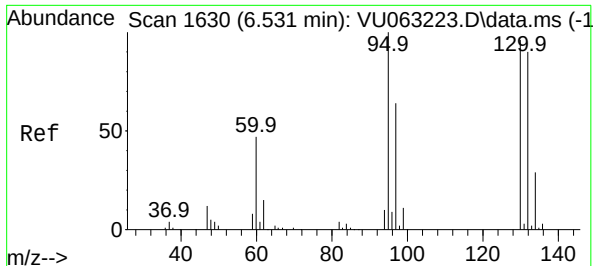
Tgt Ion: 78 Resp: 21625
Ion Ratio Lower Upper
78 100
77 26.6 19.0 28.4



#36
1,2-Dichloroethane
Concen: 0.389 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 62 Resp: 6347
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3

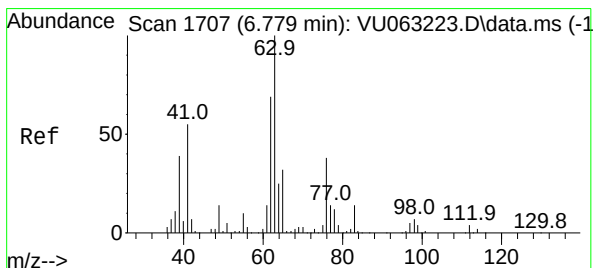
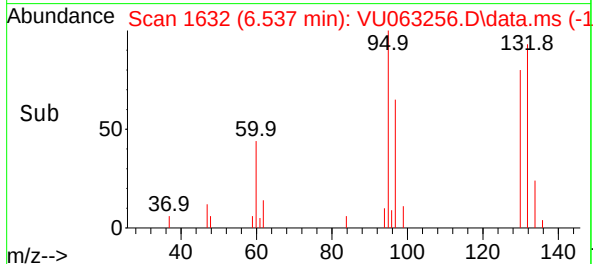
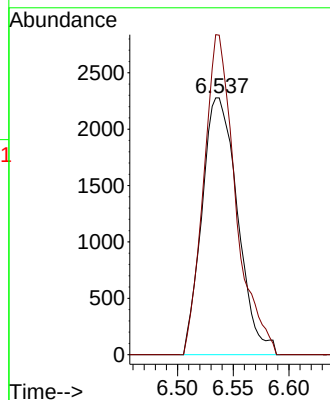
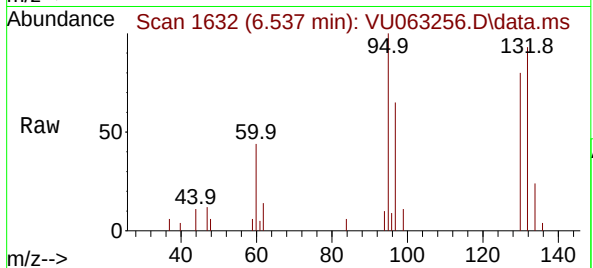




#37
 Trichloroethene
 Concen: 0.377 ug/l
 RT: 6.537 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

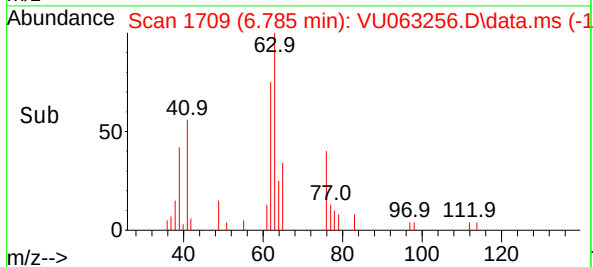
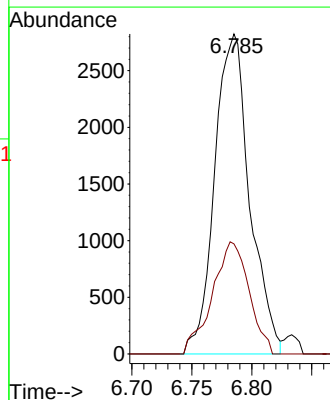
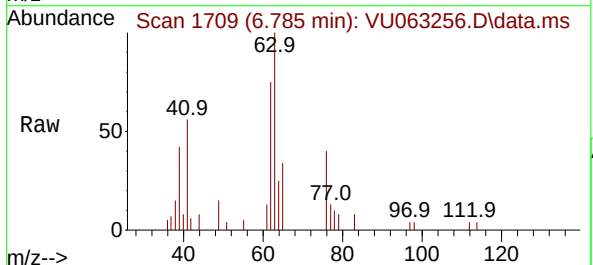
Instrument :
 MSVOA_U
 ClientSampleId :

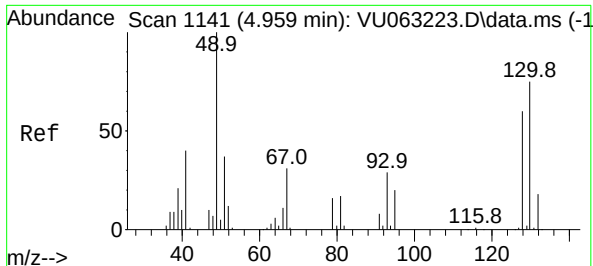
Tgt Ion:130 Resp: 5066
 Ion Ratio Lower Upper
 130 100
 95 124.4 83.2 124.8



#38
 1,2-Dichloropropane
 Concen: 0.388 ug/l
 RT: 6.785 min Scan# 1709
 Delta R.T. 0.006 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

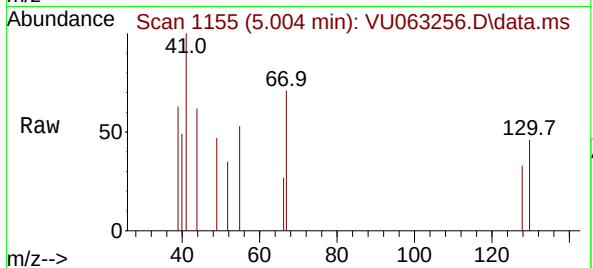
Tgt Ion: 63 Resp: 5742
 Ion Ratio Lower Upper
 63 100
 65 34.4 25.3 37.9



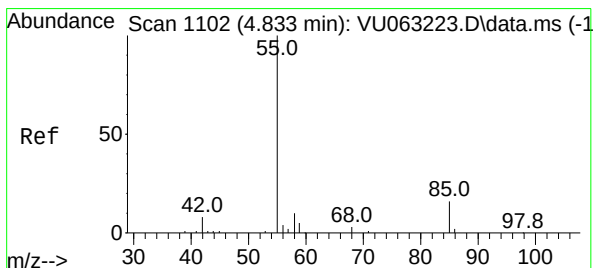
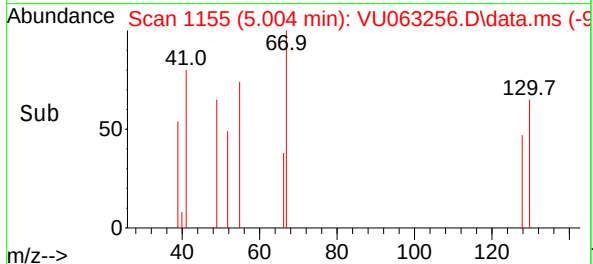
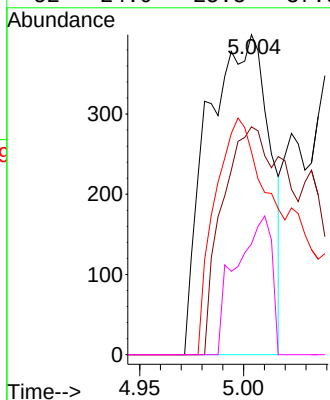


#39
Methacrylonitrile
Concen: 0.223 ug/l
RT: 5.004 min Scan# 1119
Delta R.T. 0.045 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Instrument :
MSVOA_U
ClientSampleId :

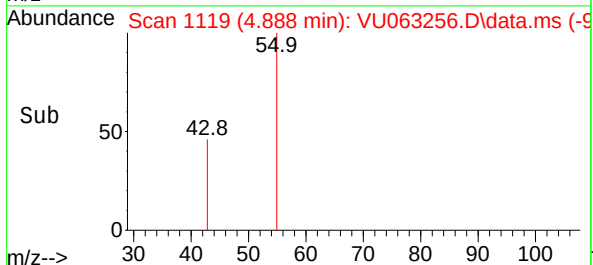
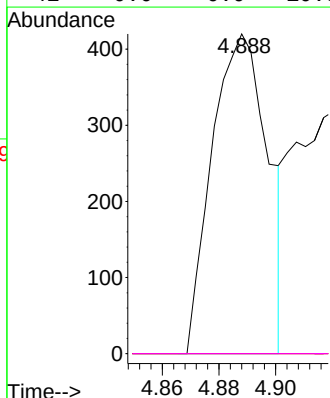
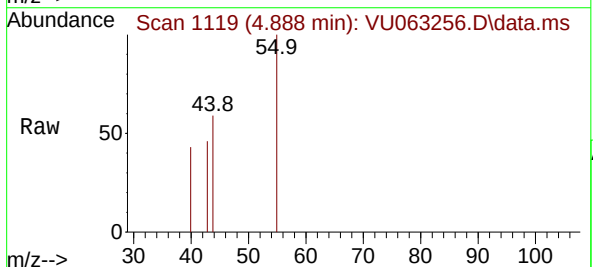


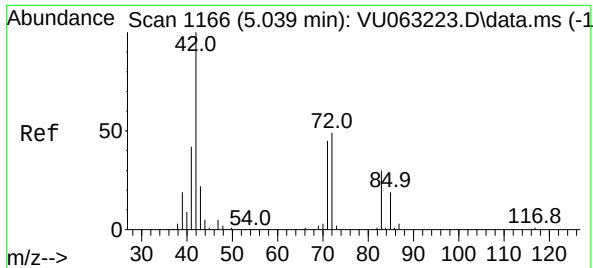
Tgt Ion:	41	Resp:	826
Ion	Ratio	Lower	Upper
41	100		
67	74.5	64.5	96.7
39	83.8	43.0	64.6#
52	24.9	25.3	37.9#



#40
Methyl acrylate
Concen: 0.084 ug/l
RT: 4.888 min Scan# 1119
Delta R.T. 0.055 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:	55	Resp:	573
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	0.0	7.3	10.9#
42	0.0	6.9	10.3#

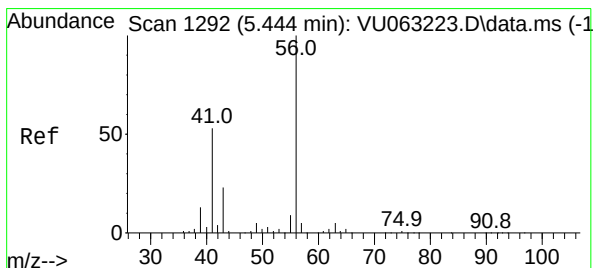
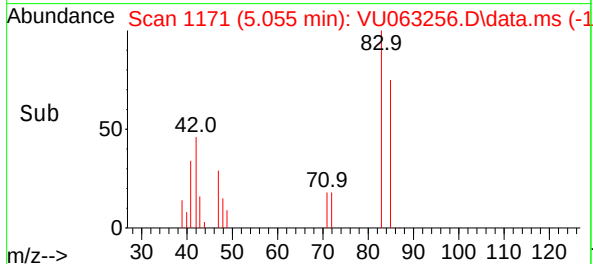
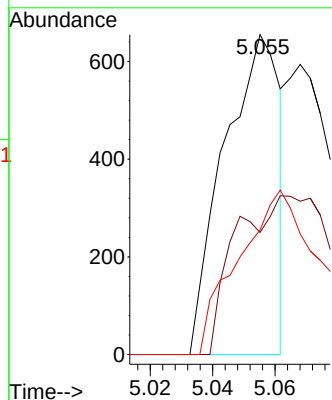
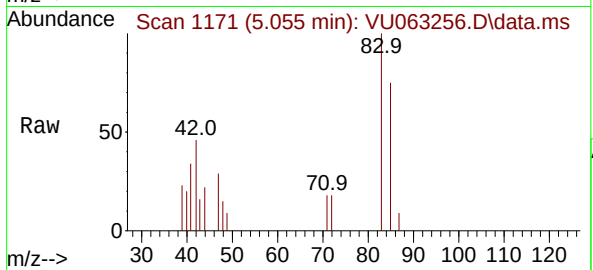




#41
Tetrahydrofuran
Concen: 0.375 ug/l
RT: 5.055 min Scan# 1166
Delta R.T. 0.016 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

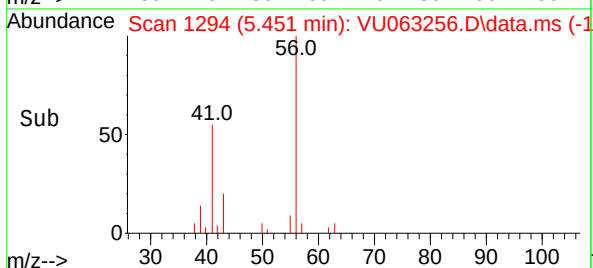
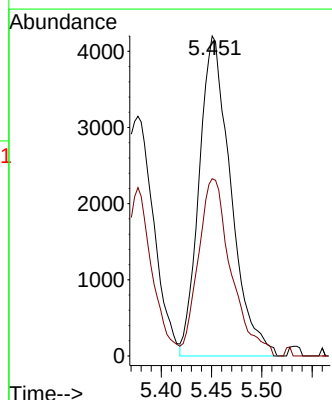
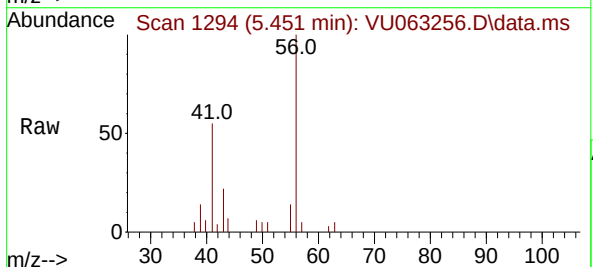
Instrument :
MSVOA_U
ClientSampleId :

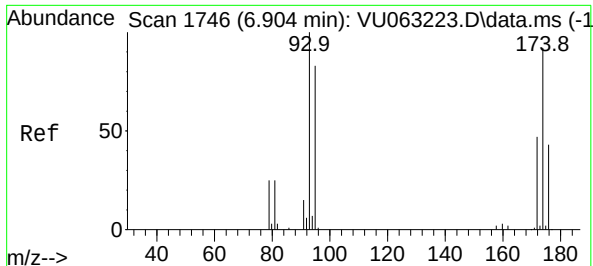
Tgt Ion: 42 Resp: 807
Ion Ratio Lower Upper
42 100
72 88.4 41.5 62.3#
71 82.0 37.2 55.8#



#42
1-Chlorobutane
Concen: 0.365 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 56 Resp: 9174
Ion Ratio Lower Upper
56 100
41 57.4 26.3 78.8





#43

Dibromomethane

Concen: 0.408 ug/l

RT: 6.910 min Scan# 1

Delta R.T. 0.006 min

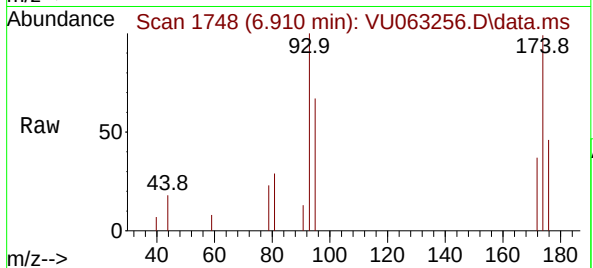
Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :



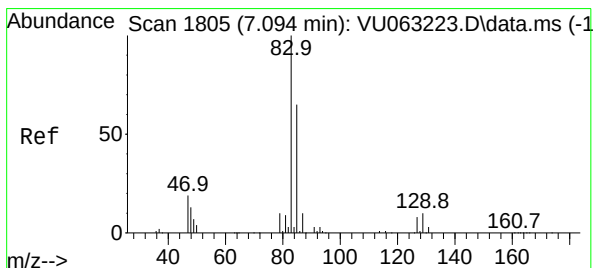
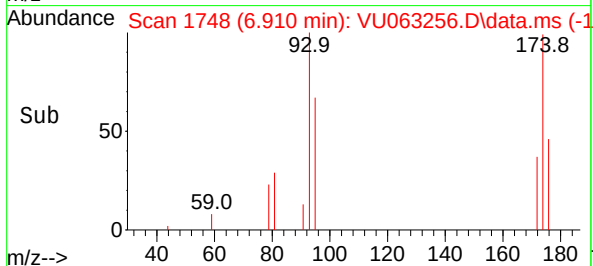
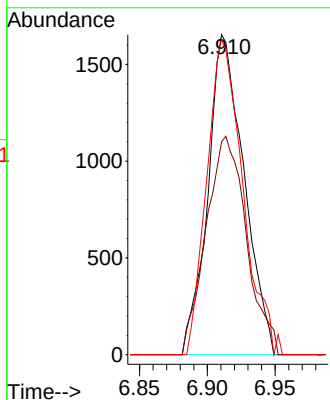
Tgt Ion: 93 Resp: 3058

Ion Ratio Lower Upper

93 100

95 76.3 67.2 100.8

174 98.2 75.7 113.5



#44

Bromodichloromethane

Concen: 0.418 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

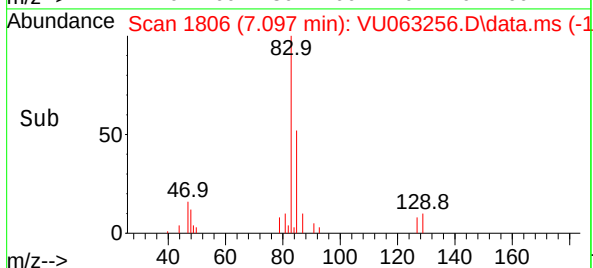
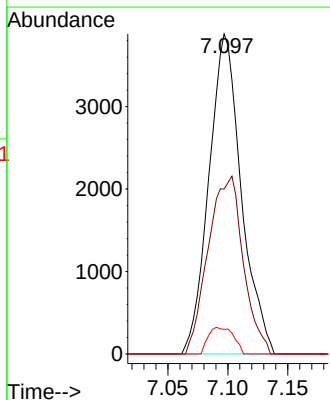
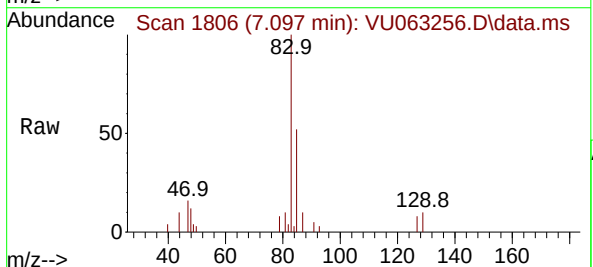
Tgt Ion: 83 Resp: 7282

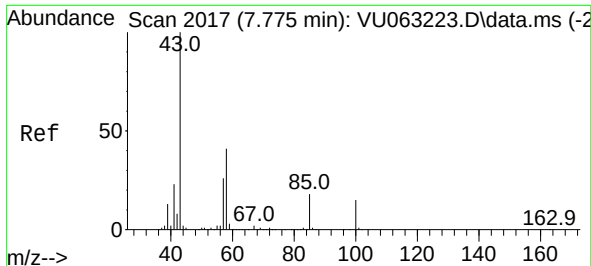
Ion Ratio Lower Upper

83 100

85 51.5 51.7 77.5#

127 7.7 6.7 10.1

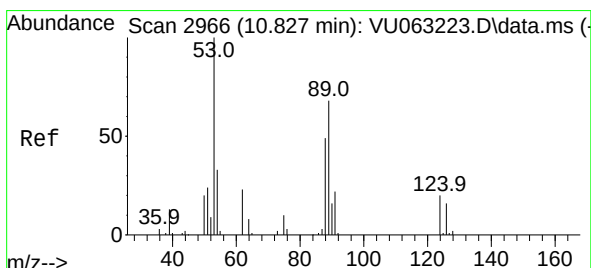
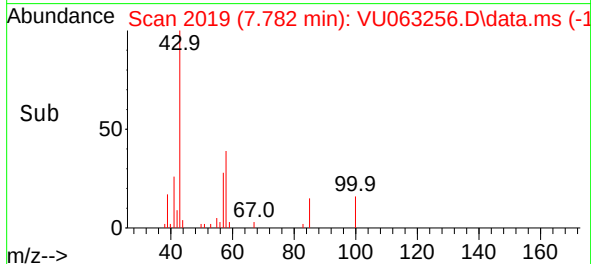
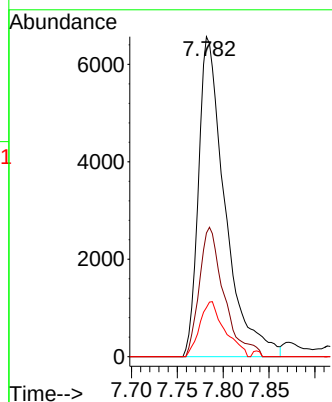
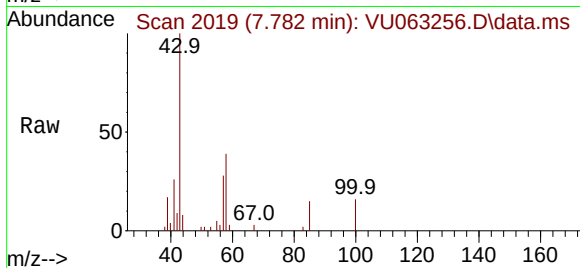




#45
4-Methyl-2-Pentanone
Concen: 1.679 ug/l
RT: 7.782 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

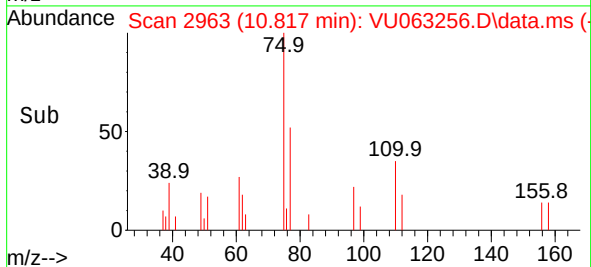
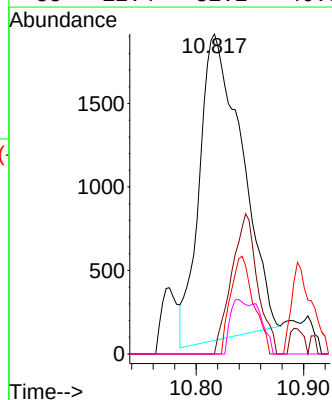
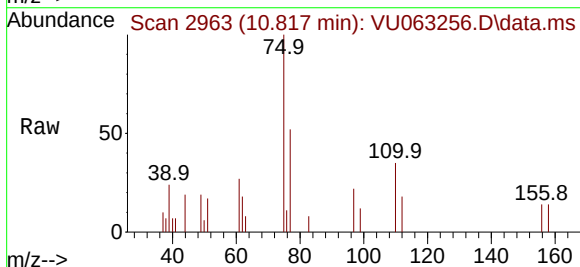
Instrument :
MSVOA_U
ClientSampleId :

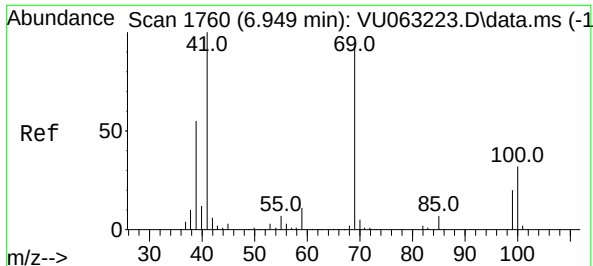
Tgt Ion: 43 Resp: 13187
Ion Ratio Lower Upper
43 100
58 37.7 20.8 62.5
85 16.2 14.8 22.2



#46
t-1,4-Dichloro-2-butene
Concen: 1.364 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 75 Resp: 5034
Ion Ratio Lower Upper
75 100
53 27.9 64.5 96.7#
89 17.3 43.4 65.2#
88 12.4 31.2 46.8#





#47

Methyl methacrylate

Concen: 0.630 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 3973

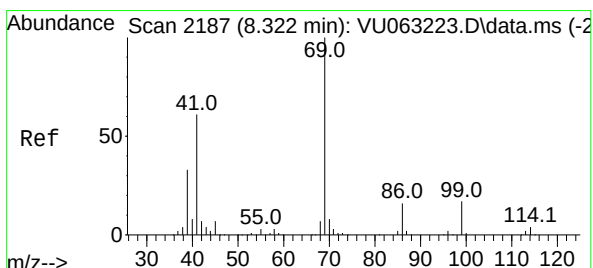
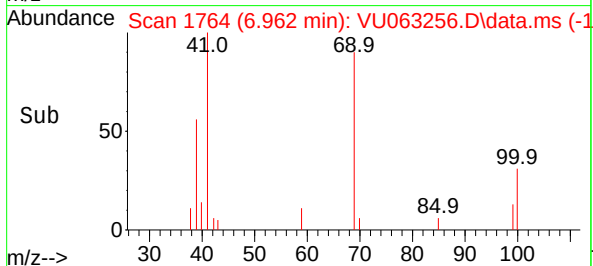
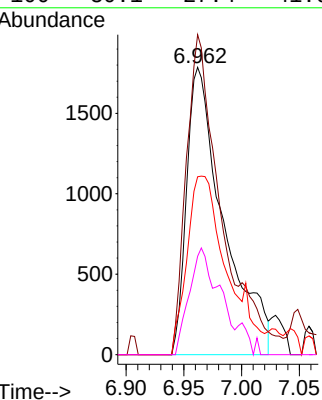
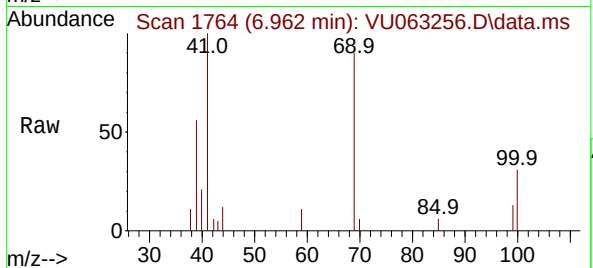
Ion Ratio Lower Upper

69 100

41 106.1 0.0 217.0

39 67.3 47.7 71.5

100 30.1 27.4 41.0



#48

Ethyl methacrylate

Concen: 0.308 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.013 min

Lab File: VU063256.D

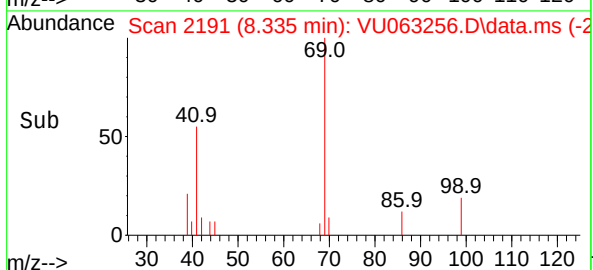
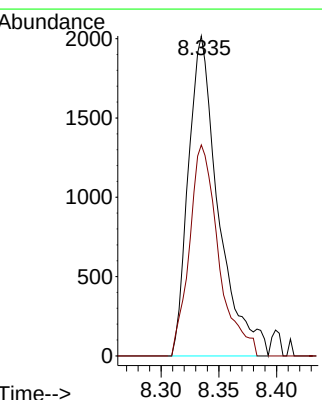
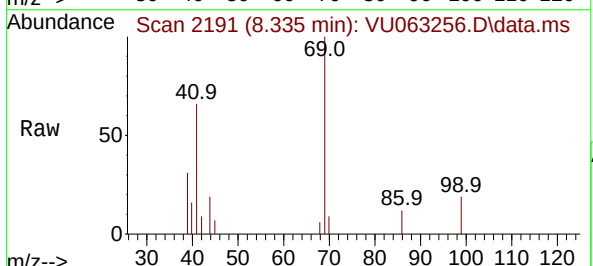
Acq: 12 Feb 2025 15:55

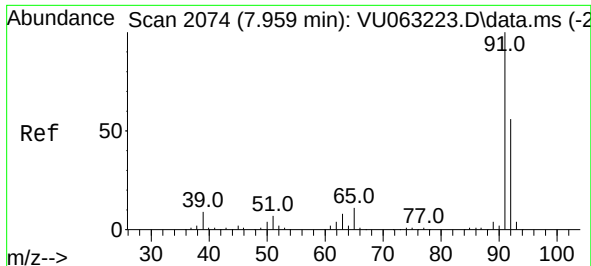
Tgt Ion: 69 Resp: 3647

Ion Ratio Lower Upper

69 100

41 64.1 30.6 92.0





#49

Toluene

Concen: 0.356 ug/l

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

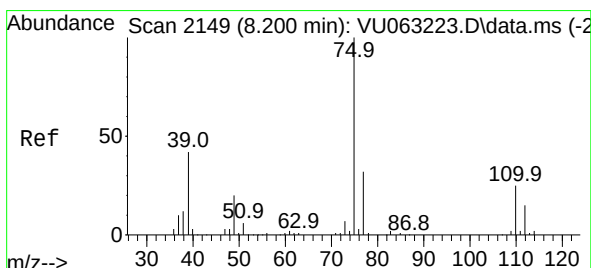
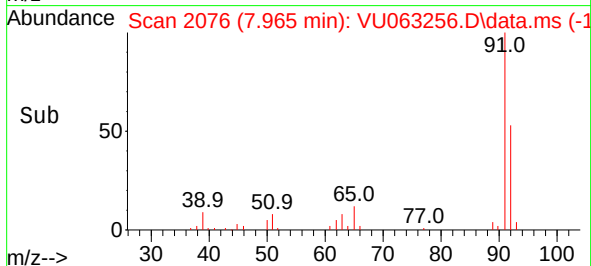
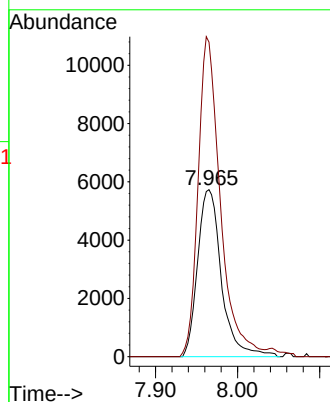
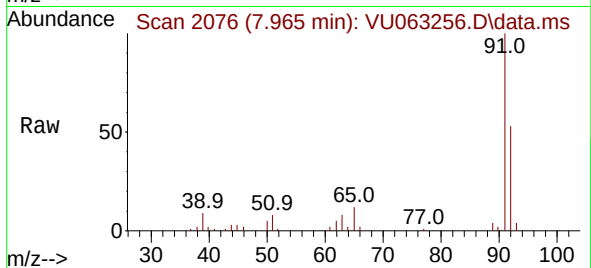
ClientSampleId :

Tgt Ion: 92 Resp: 11563

Ion Ratio Lower Upper

92 100

91 178.6 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.359 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU063256.D

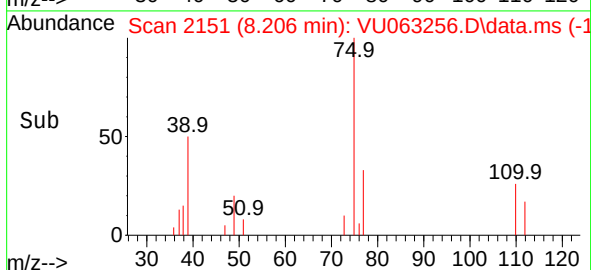
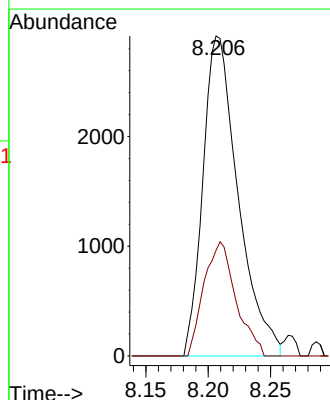
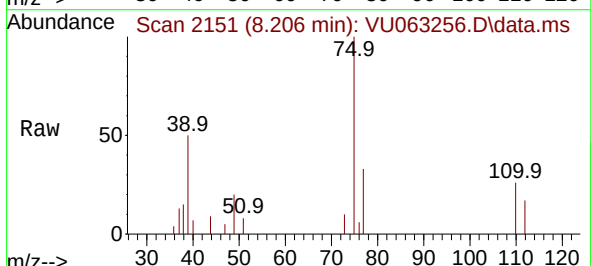
Acq: 12 Feb 2025 15:55

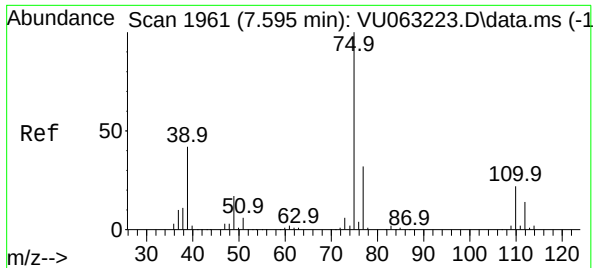
Tgt Ion: 75 Resp: 5726

Ion Ratio Lower Upper

75 100

77 33.0 25.9 38.9

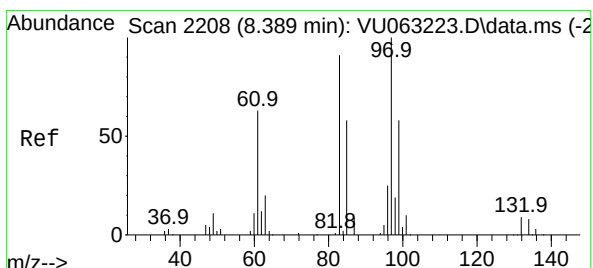
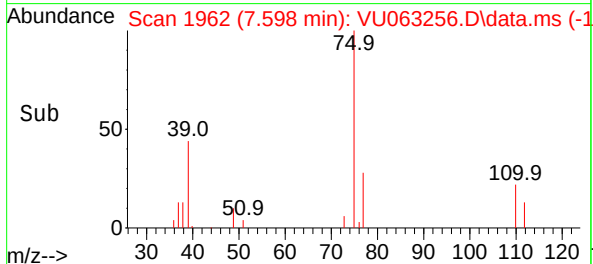
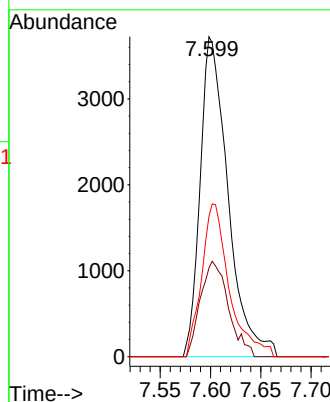
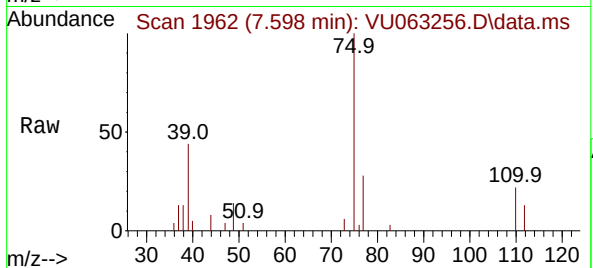




#51
 cis-1,3-Dichloropropene
 Concen: 0.363 ug/l
 RT: 7.598 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

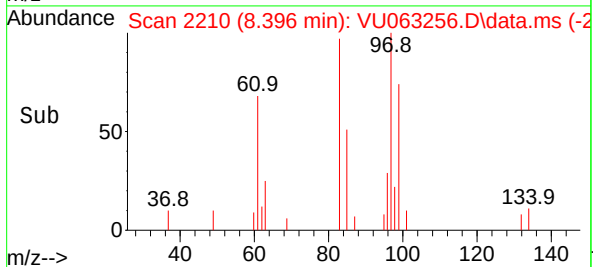
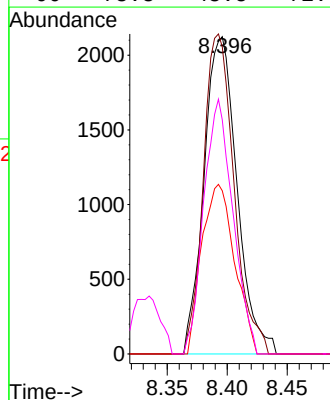
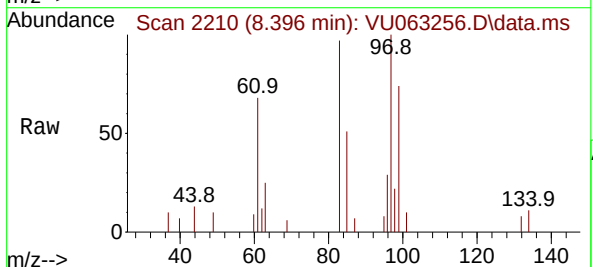
Instrument :
 MSVOA_U
 ClientSampleId :

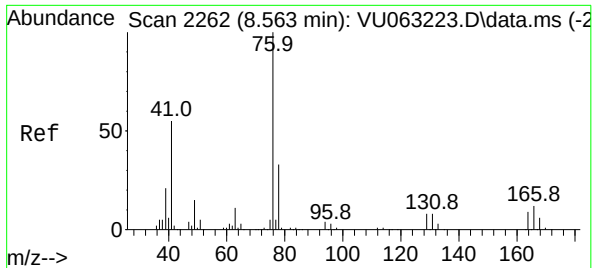
Tgt Ion:	75	Resp:	7161
Ion	Ratio	Lower	Upper
75	100		
77	27.8	25.3	37.9
39	43.9	33.5	50.3



#52
 1,1,2-Trichloroethane
 Concen: 0.403 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

Tgt Ion:	97	Resp:	4074
Ion	Ratio	Lower	Upper
97	100		
83	96.8	73.0	109.4
85	51.5	46.3	69.5
99	73.8	48.5	72.7#

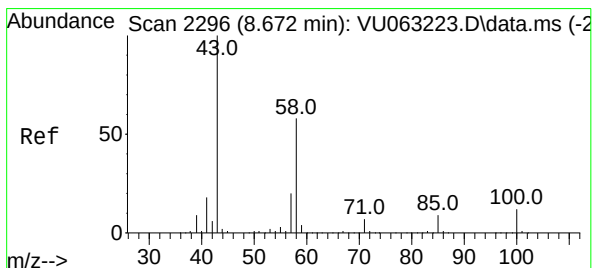
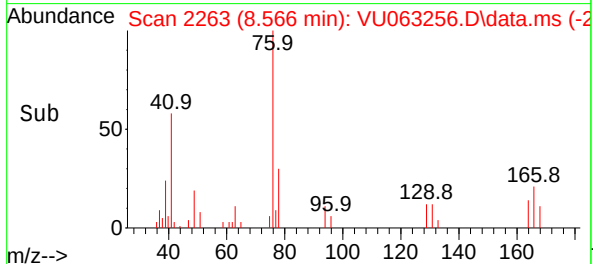
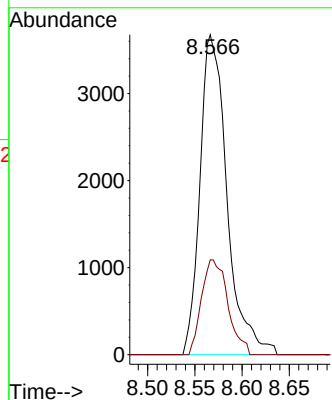
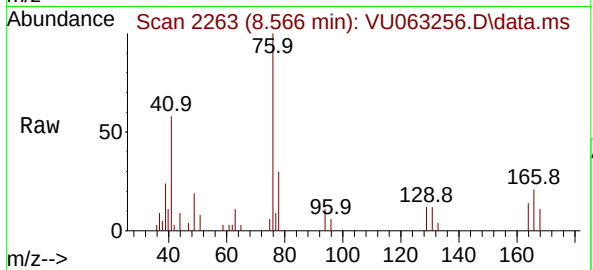




#53
1,3-Dichloropropane
Concen: 0.408 ug/l
RT: 8.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

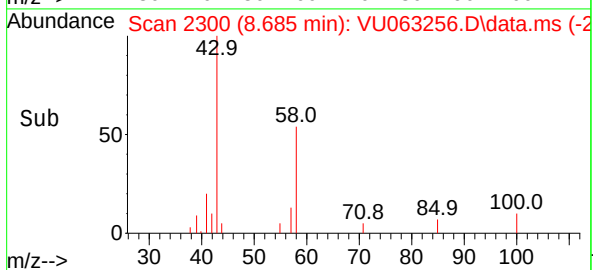
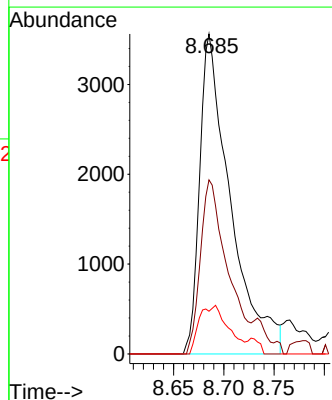
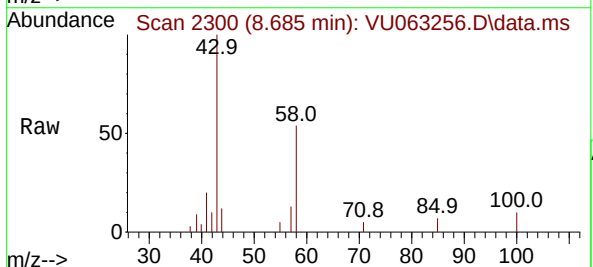
Instrument :
MSVOA_U
ClientSampleId :

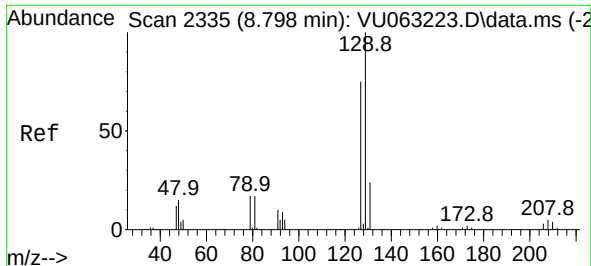
Tgt Ion: 76 Resp: 7306
Ion Ratio Lower Upper
76 100
78 28.9 26.3 39.5



#54
2-Hexanone
Concen: 1.413 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion: 43 Resp: 7573
Ion Ratio Lower Upper
43 100
58 47.9 38.0 78.0
57 14.4 0.0 39.1





#55

Dibromochloromethane

Concen: 0.389 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

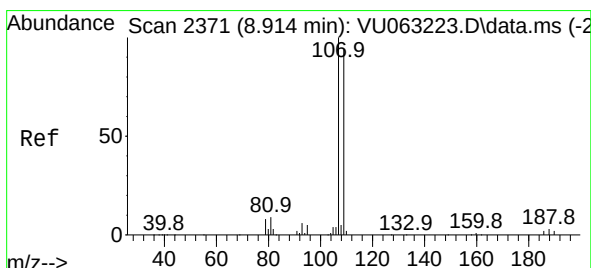
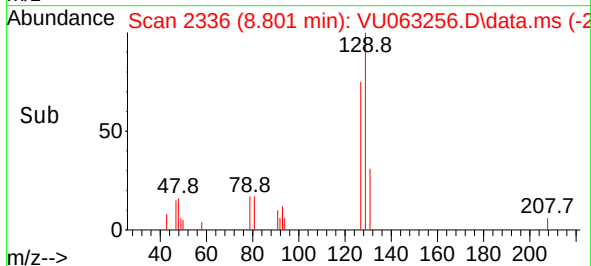
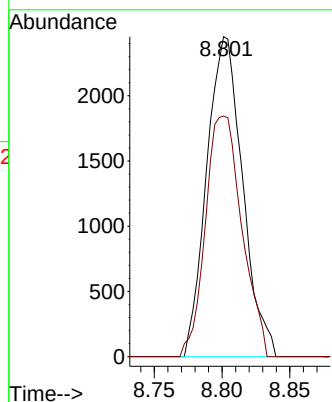
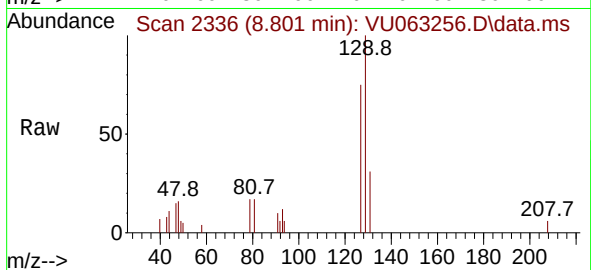
ClientSampleId :

Tgt Ion:129 Resp: 4514

Ion Ratio Lower Upper

129 100

127 76.5 60.4 90.6



#56

1,2-Dibromoethane

Concen: 0.407 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.006 min

Lab File: VU063256.D

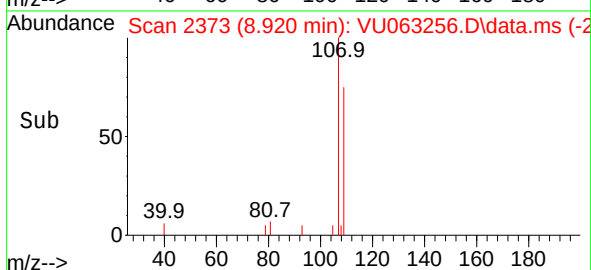
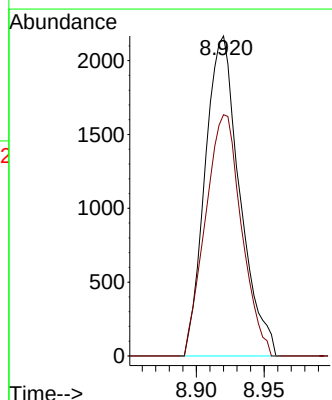
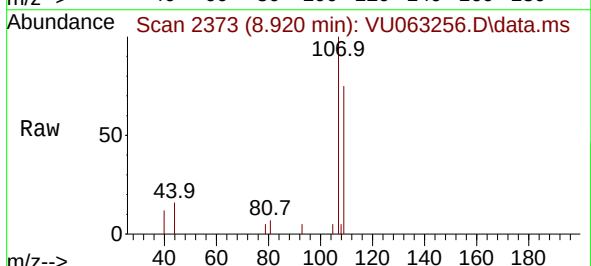
Acq: 12 Feb 2025 15:55

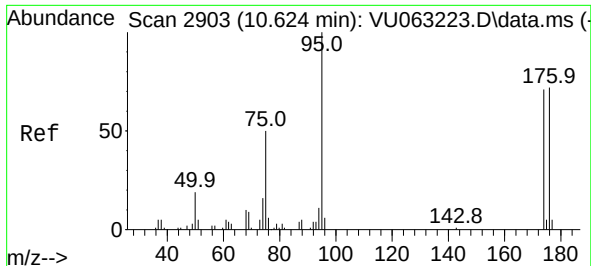
Tgt Ion:107 Resp: 3854

Ion Ratio Lower Upper

107 100

109 78.4 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.893 ug/l

RT: 10.627 min Scan# 2903

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

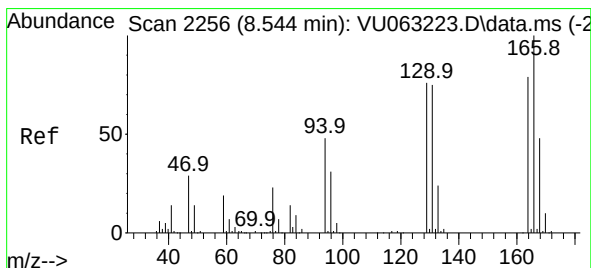
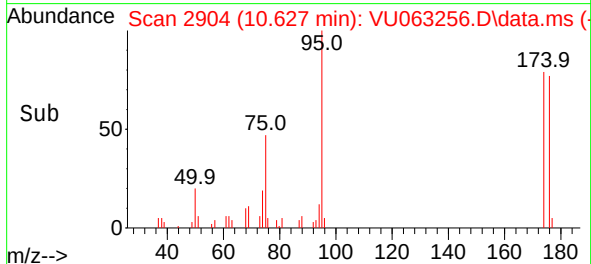
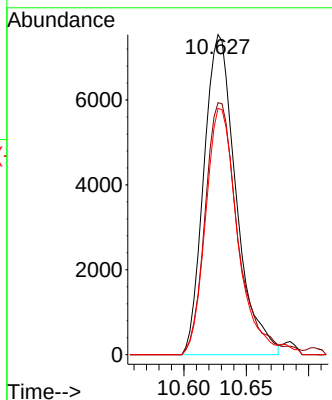
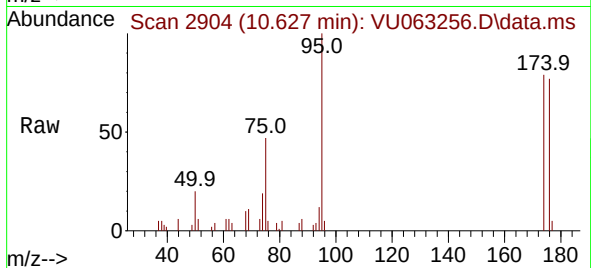
Tgt Ion: 95 Resp: 13548

Ion Ratio Lower Upper

95 100

174 80.6 58.6 88.0

176 77.2 58.2 87.4



#58

Tetrachloroethene

Concen: 0.406 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion: 164 Resp: 4498

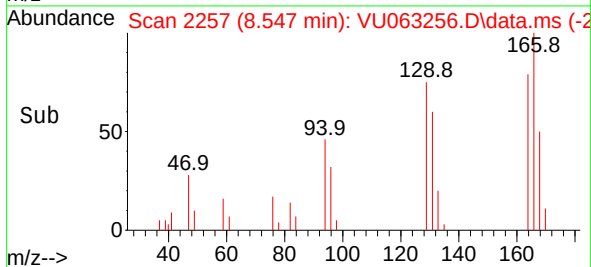
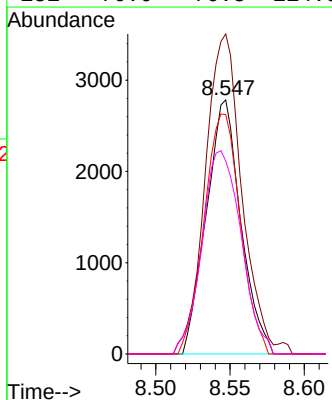
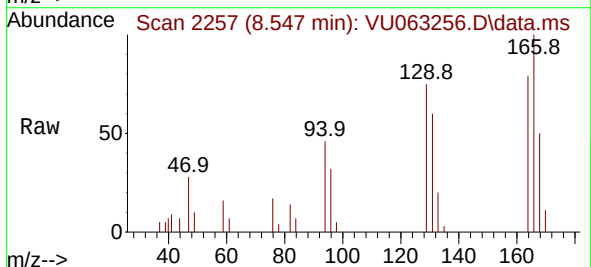
Ion Ratio Lower Upper

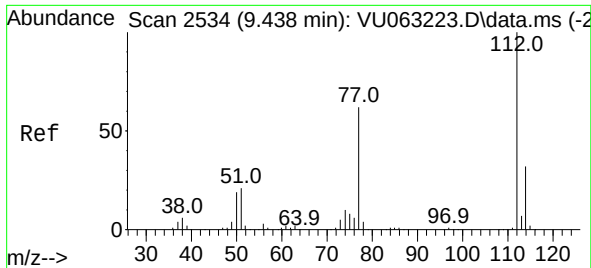
164 100

166 122.1 101.4 152.0

129 94.2 77.0 115.4

131 76.0 76.3 114.5#

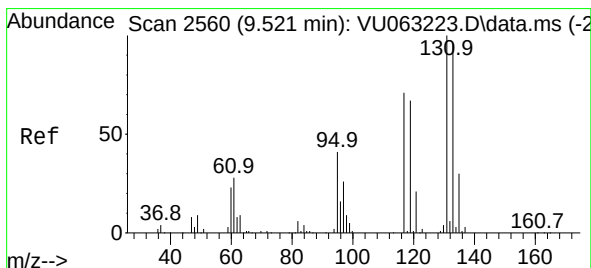
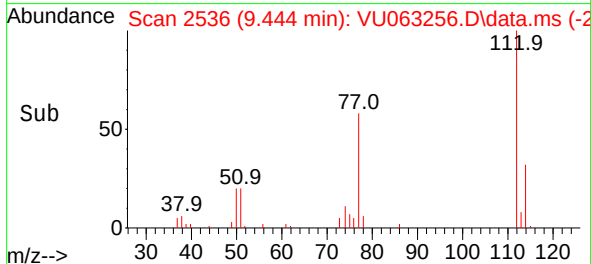
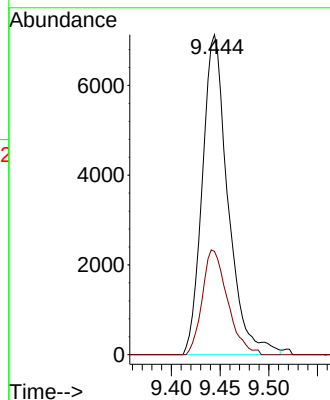
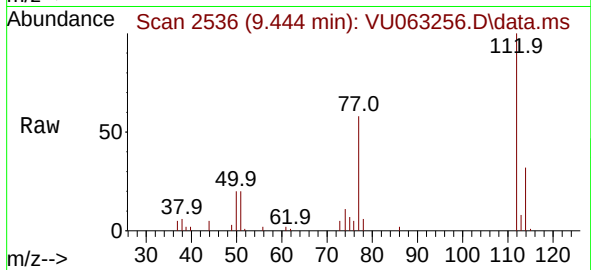




#59
Chlorobenzene
Concen: 0.380 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

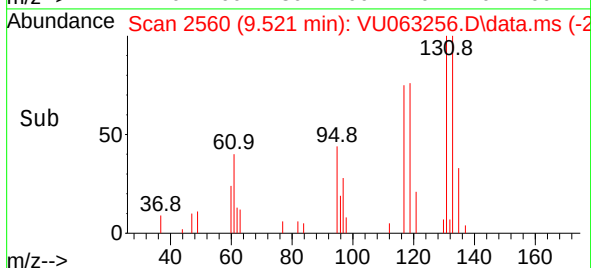
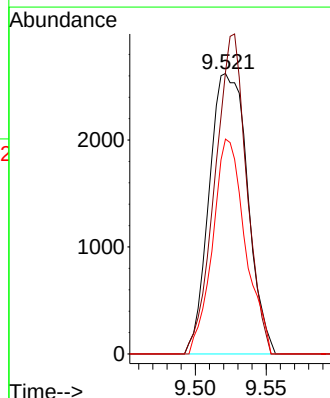
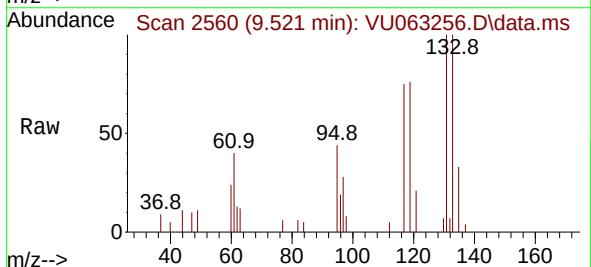
Instrument :
MSVOA_U
ClientSampleId :

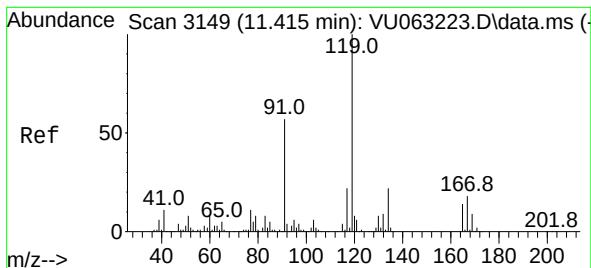
Tgt Ion:112 Resp: 13046
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 0.400 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:131 Resp: 4936
Ion Ratio Lower Upper
131 100
133 94.4 76.7 115.1
119 65.2 54.4 81.6

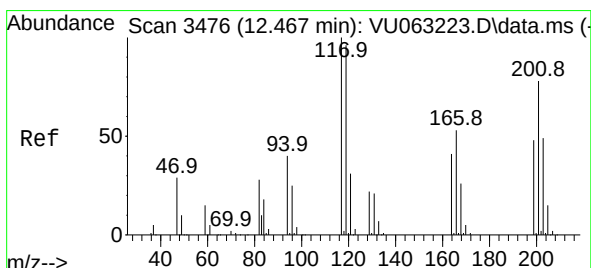
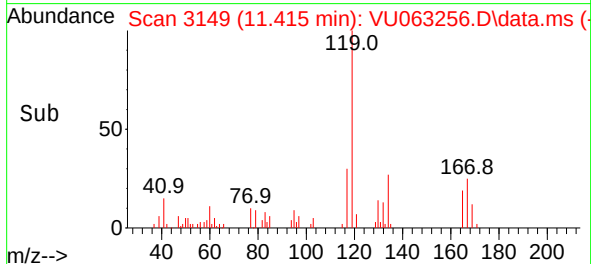
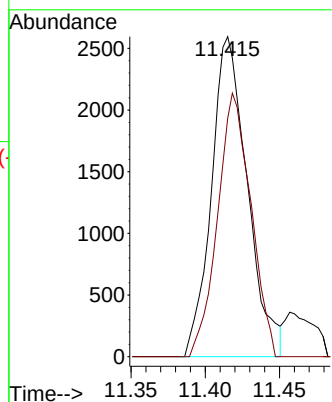
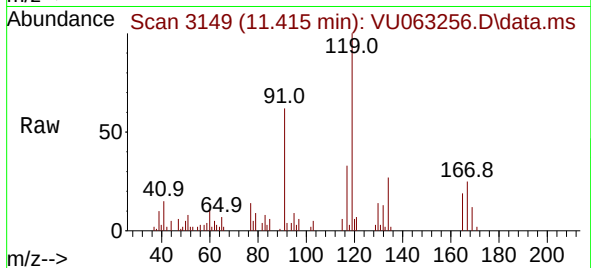




#61
Pentachloroethane
Concen: 0.397 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

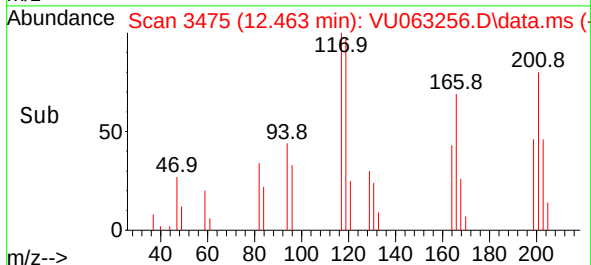
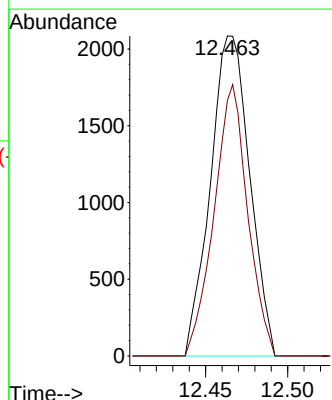
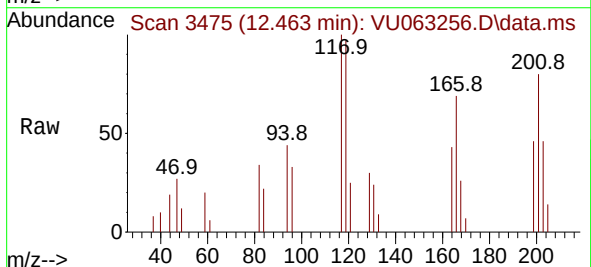
Instrument :
MSVOA_U
ClientSampleId :

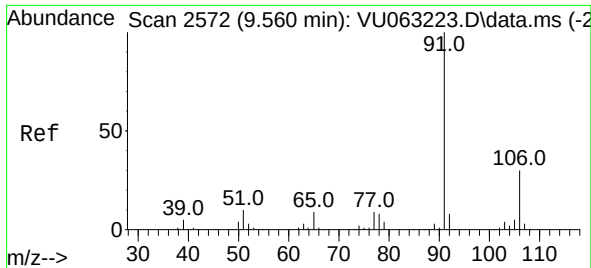
Tgt Ion:117 Resp: 4371
Ion Ratio Lower Upper
117 100
167 76.2 65.0 97.6



#62
Hexachloroethane
Concen: 0.357 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:117 Resp: 3474
Ion Ratio Lower Upper
117 100
201 72.4 61.3 91.9





#63

Ethyl Benzene

Concen: 0.327 ug/l

RT: 9.563 min Scan# 2572

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

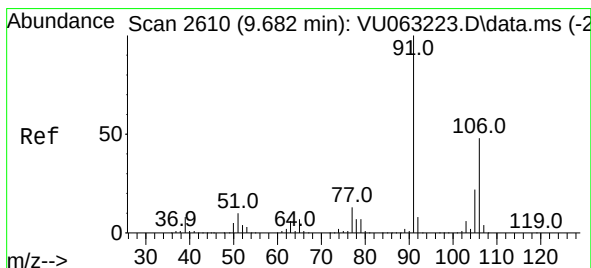
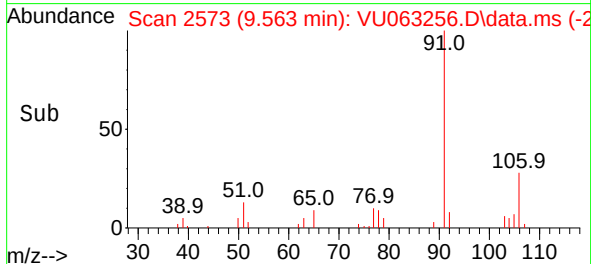
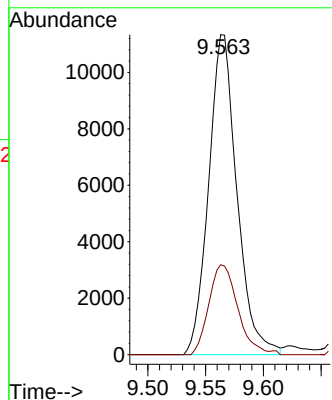
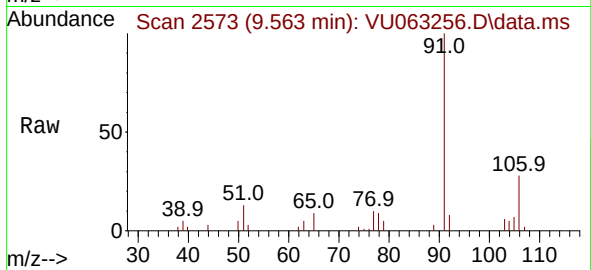
ClientSampleId :

Tgt Ion: 91 Resp: 19315

Ion Ratio Lower Upper

91 100

106 28.1 24.2 36.2



#64

m/p-Xylenes

Concen: 0.615 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.006 min

Lab File: VU063256.D

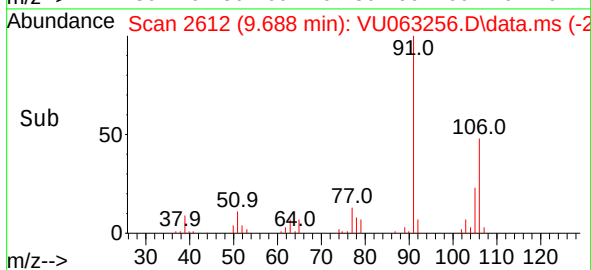
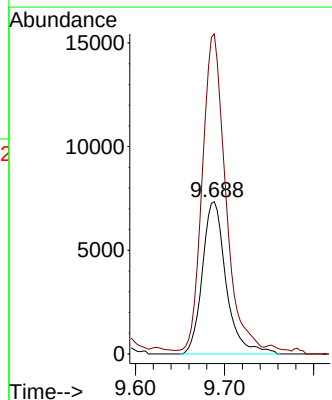
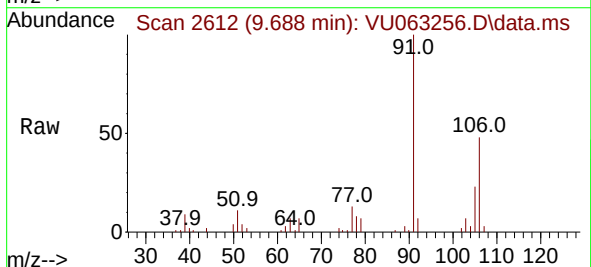
Acq: 12 Feb 2025 15:55

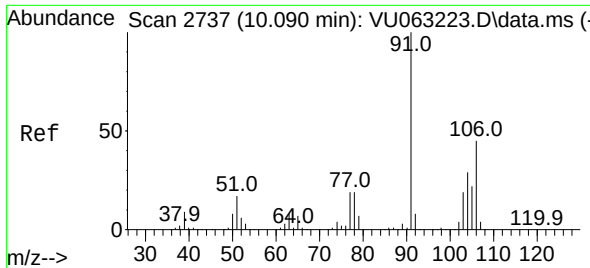
Tgt Ion:106 Resp: 13584

Ion Ratio Lower Upper

106 100

91 202.3 166.9 250.3

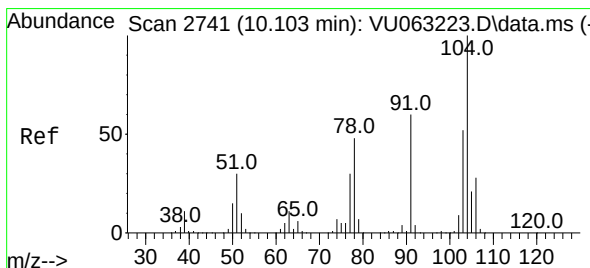
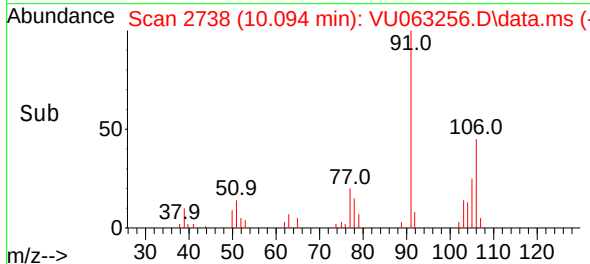
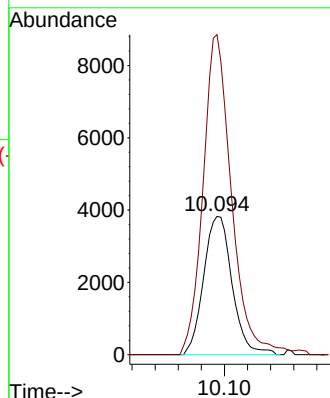
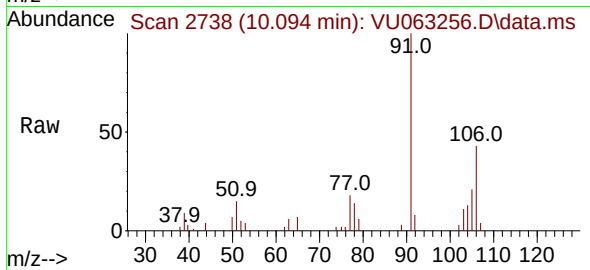




#65
o-Xylene
Concen: 0.302 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

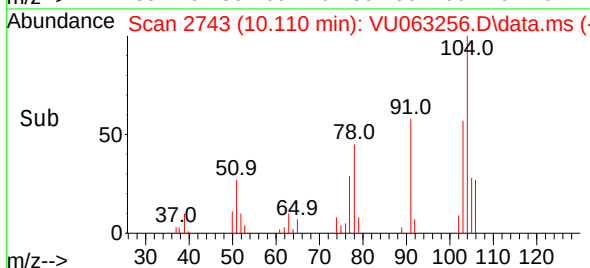
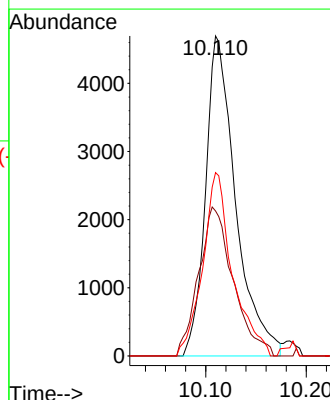
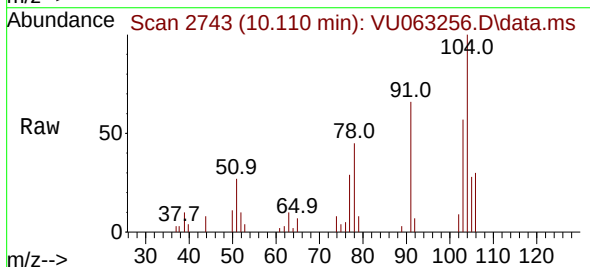
Instrument :
MSVOA_U
ClientSampleId :

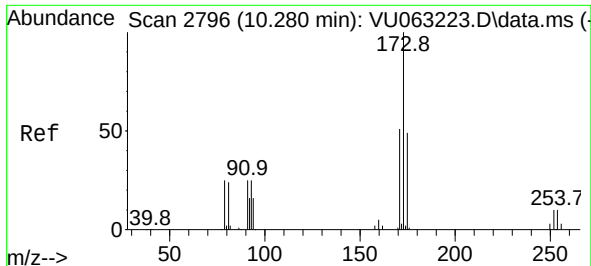
Tgt Ion:106 Resp: 6536
Ion Ratio Lower Upper
106 100
91 231.1 110.9 332.9



#66
Styrene
Concen: 0.284 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:104 Resp: 9785
Ion Ratio Lower Upper
104 100
78 53.2 41.2 61.8
103 56.5 44.8 67.2





#67

Bromoform

Concen: 0.359 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063256.D

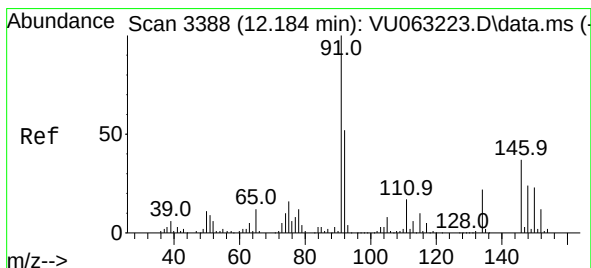
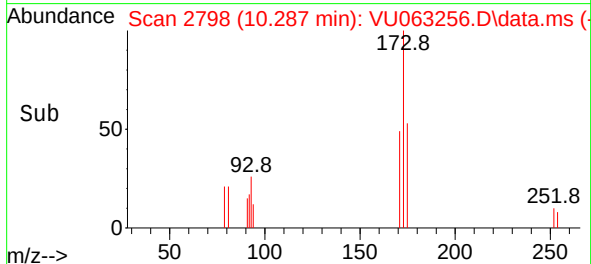
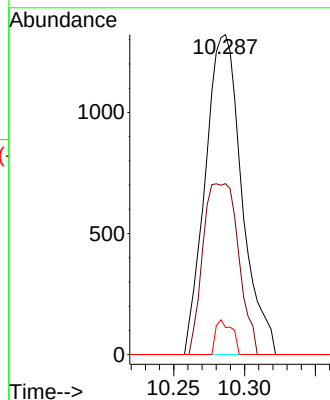
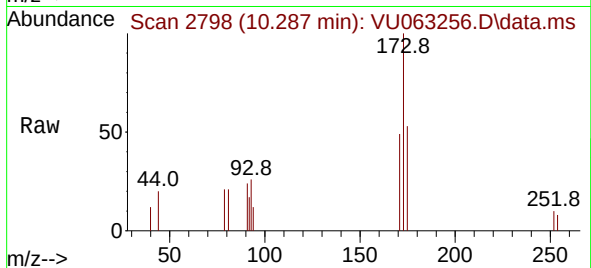
Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	2365
Ion Ratio	Lower	Upper
173	100	
175	52.0	39.0 58.4
254	4.8	7.7 11.5#



#68

1,2-Dichlorobenzene-d4

Concen: 0.900 ug/l

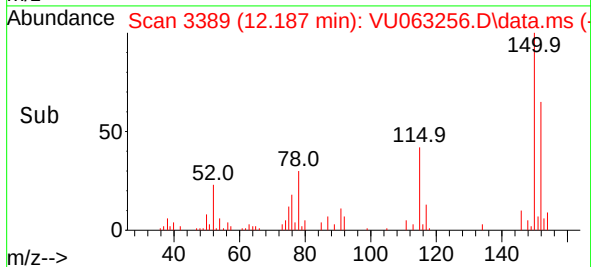
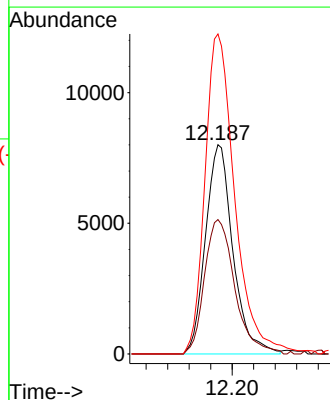
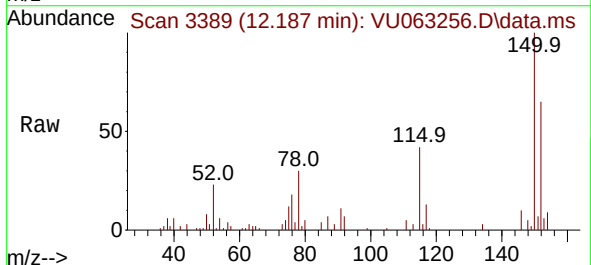
RT: 12.187 min Scan# 3389

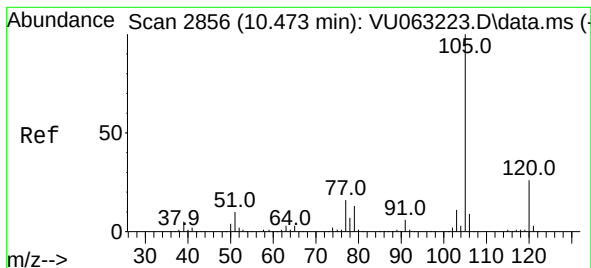
Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:152	Resp:	14191
Ion Ratio	Lower	Upper
152	100	
115	70.7	0.0 275.2
150	165.7	0.0 658.4





#69

Isopropylbenzene

Concen: 0.325 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

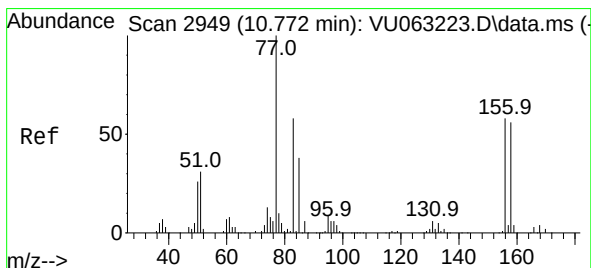
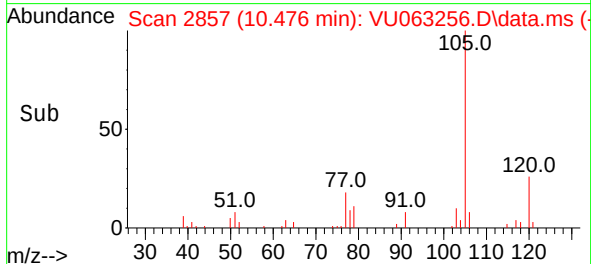
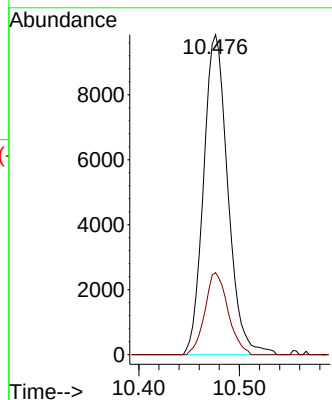
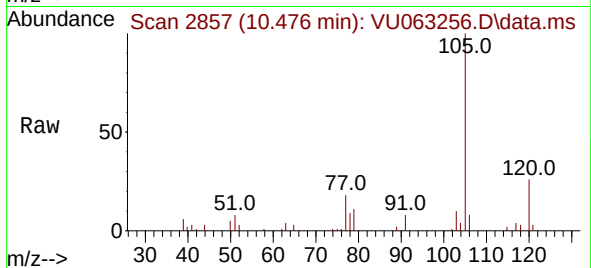
ClientSampleId :

Tgt Ion:105 Resp: 16515

Ion Ratio Lower Upper

105 100

120 24.4 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.383 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

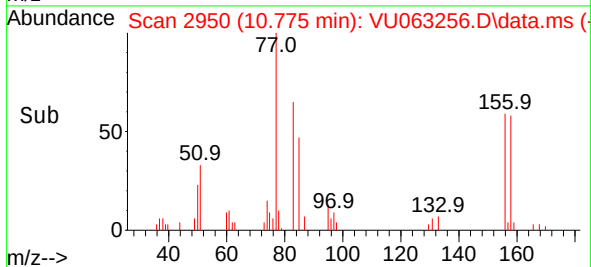
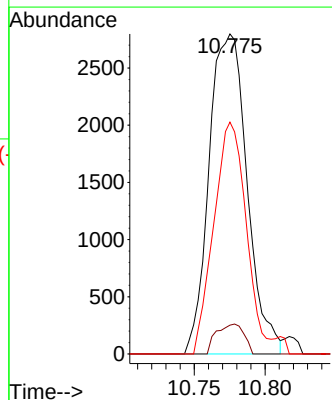
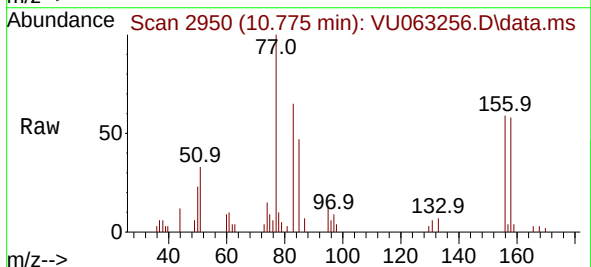
Tgt Ion: 83 Resp: 5219

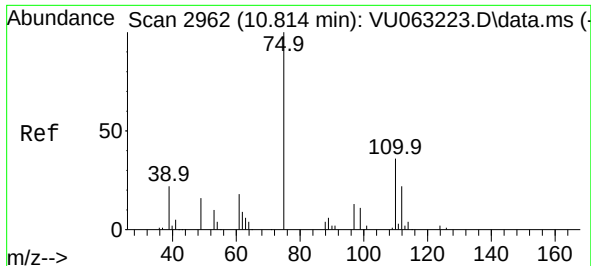
Ion Ratio Lower Upper

83 100

131 6.8 7.4 11.0#

85 61.8 51.8 77.8

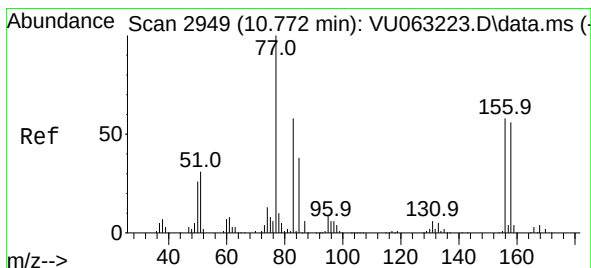
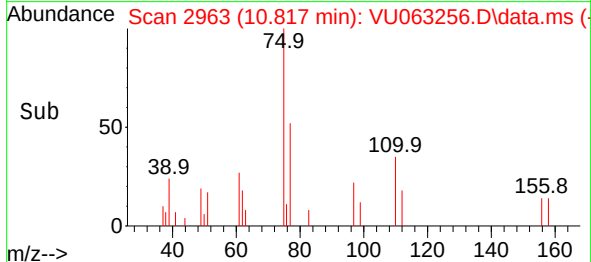
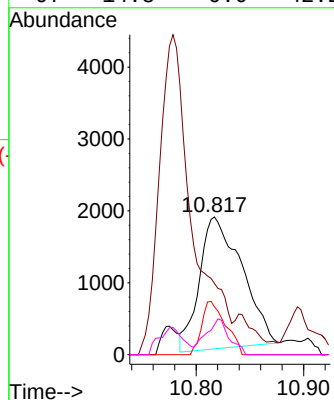
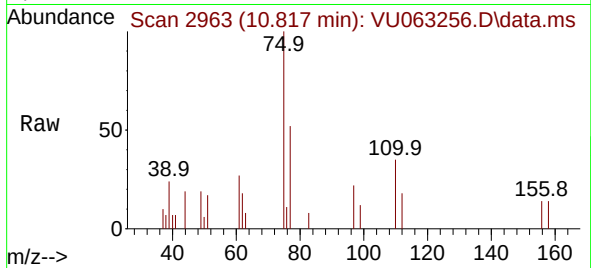




#71
1,2,3-Trichloropropane
Concen: 0.492 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

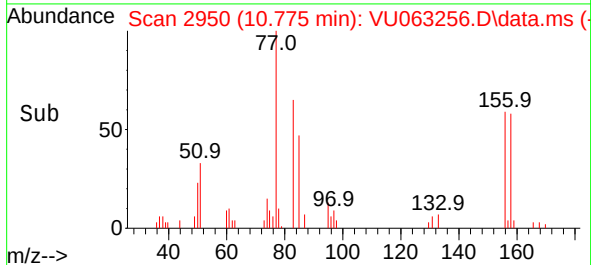
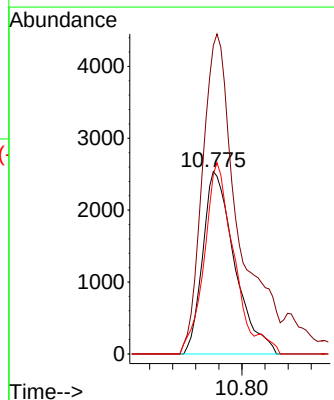
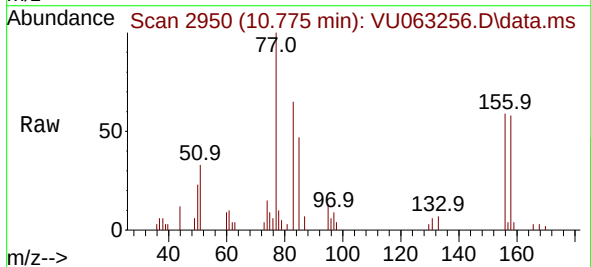
Instrument :
MSVOA_U
ClientSampleId :

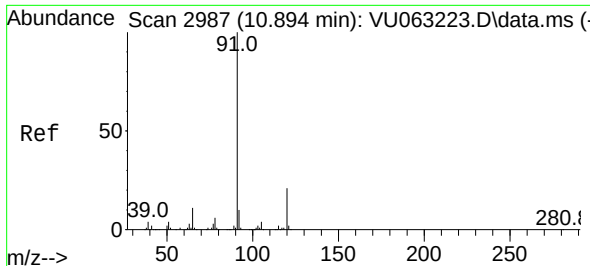
Tgt Ion:	75	Resp:	5034
Ion	Ratio	Lower	Upper
75	100		
77	21.1	0.0	0.0#
110	22.6	0.0	77.0
97	14.8	0.0	42.2



#72
Bromobenzene
Concen: 0.355 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:	156	Resp:	4863
Ion	Ratio	Lower	Upper
156	100		
77	195.6	0.0	343.6
158	98.4	0.0	193.0

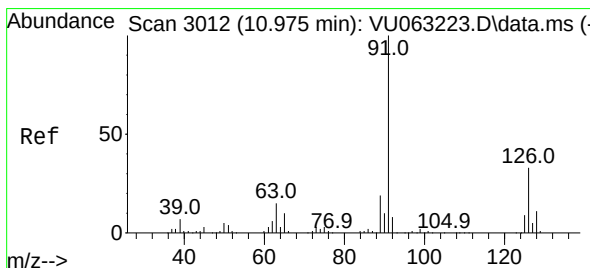
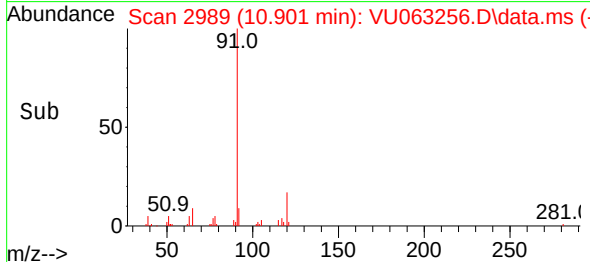
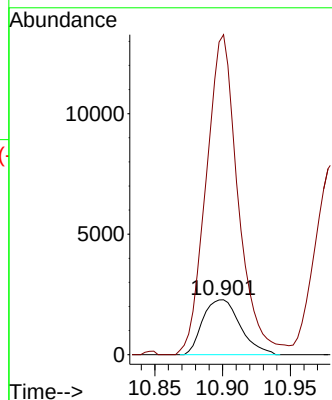
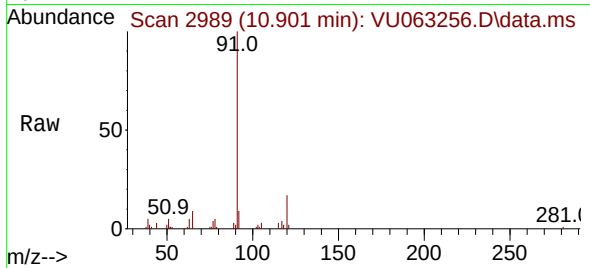




#73
n-propylbenzene
Concen: 0.300 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

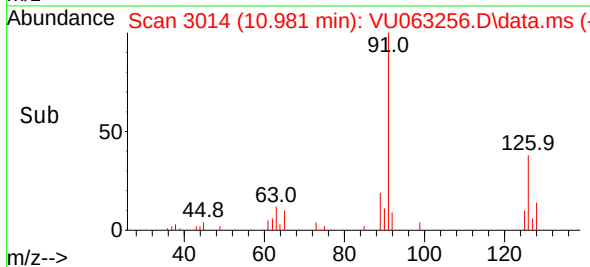
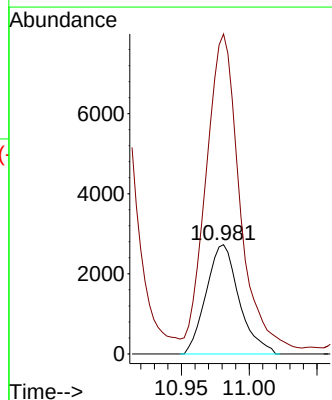
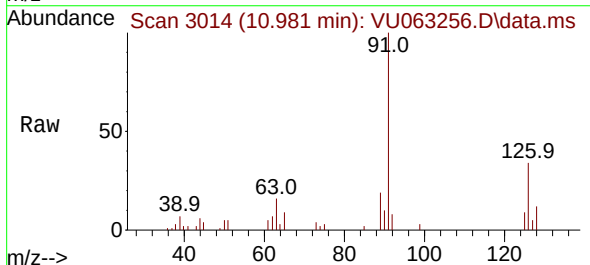
Instrument :
MSVOA_U
ClientSampleId :

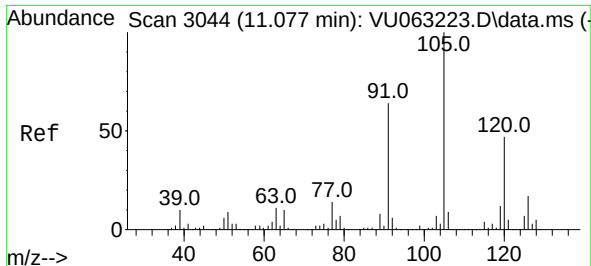
Tgt Ion:120 Resp: 4372
Ion Ratio Lower Upper
120 100
91 499.5 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.344 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

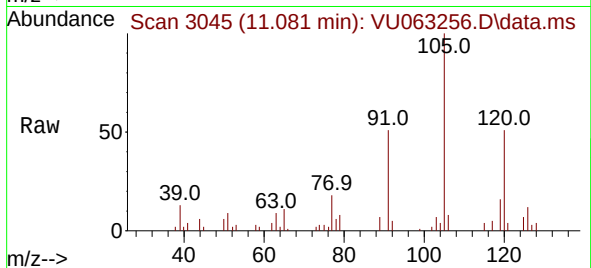
Tgt Ion:126 Resp: 4612
Ion Ratio Lower Upper
126 100
91 292.5 0.0 623.8



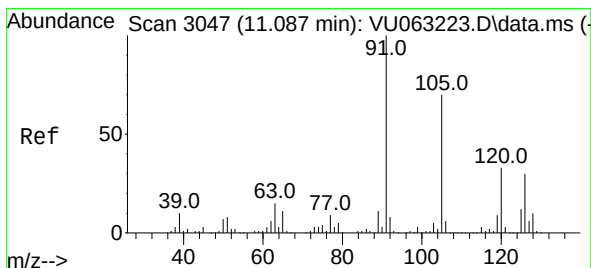
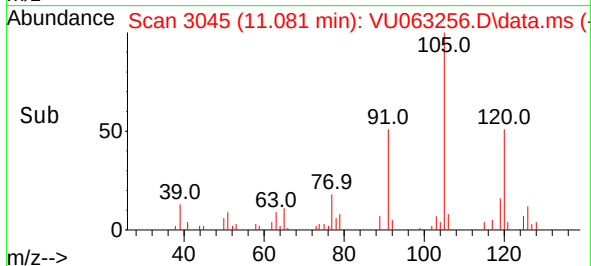
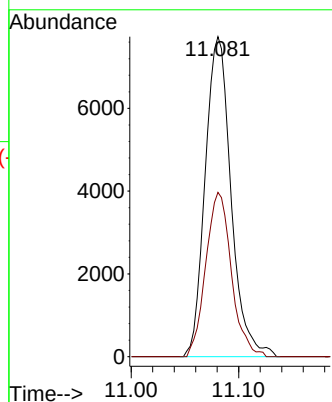


#75
1,3,5-Trimethylbenzene
Concen: 0.274 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Instrument :
MSVOA_U
ClientSampleId :

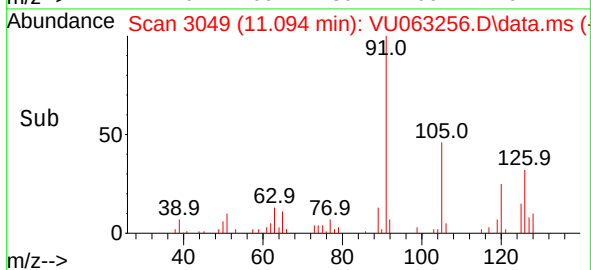
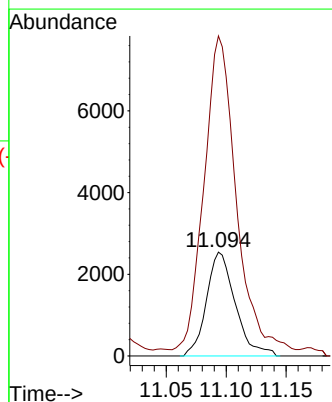
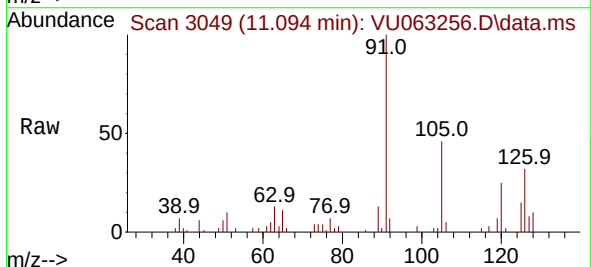


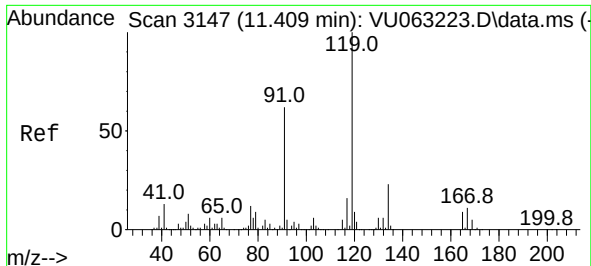
Tgt Ion:105 Resp: 12904
Ion Ratio Lower Upper
105 100
120 50.9 37.3 55.9



#76
4-Chlorotoluene
Concen: 0.307 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:126 Resp: 4229
Ion Ratio Lower Upper
126 100
91 336.3 0.0 703.6





#77

tert-Butylbenzene

Concen: 0.305 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. -0.000 min

Lab File: VU063256.D

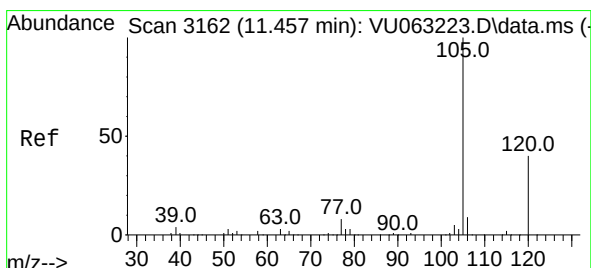
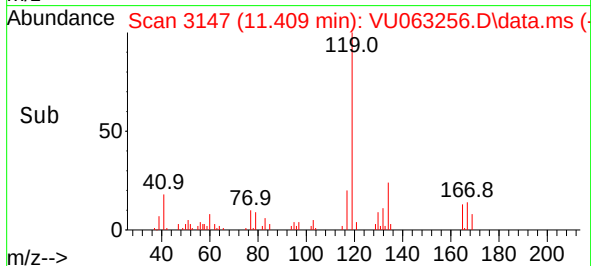
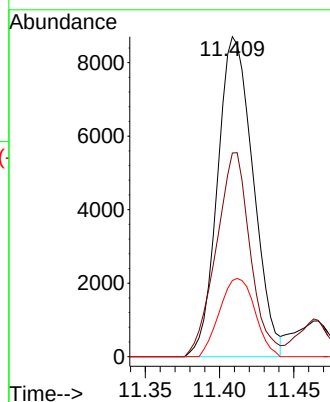
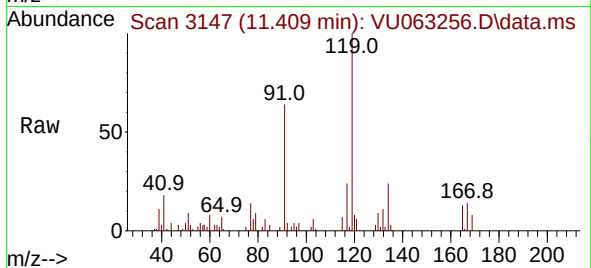
Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:119	Resp:	14542
Ion Ratio	Lower	Upper
119	100	
91	61.0	29.4 88.3
134	24.2	17.6 26.4



#78

1,2,4-Trimethylbenzene

Concen: 0.261 ug/l

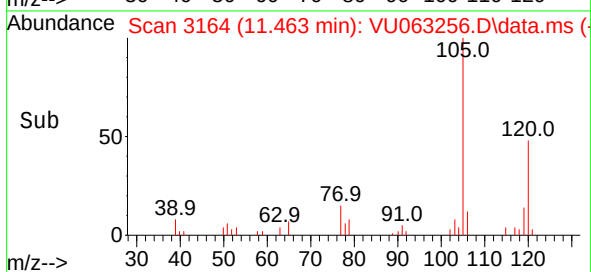
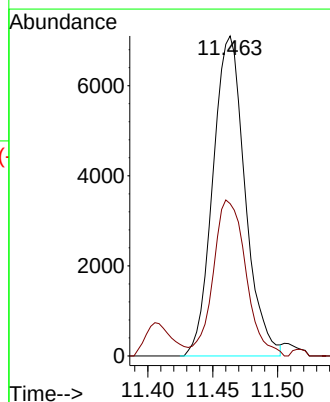
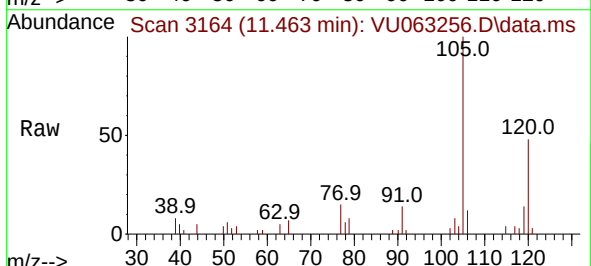
RT: 11.463 min Scan# 3164

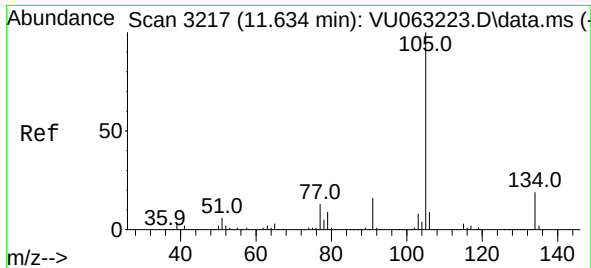
Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:105	Resp:	12207
Ion Ratio	Lower	Upper
105	100	
120	49.5	21.9 65.7

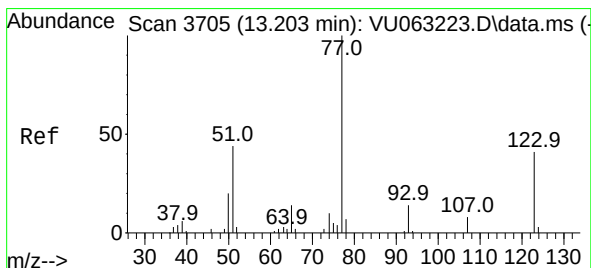
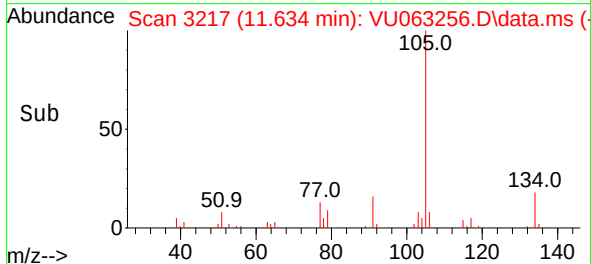
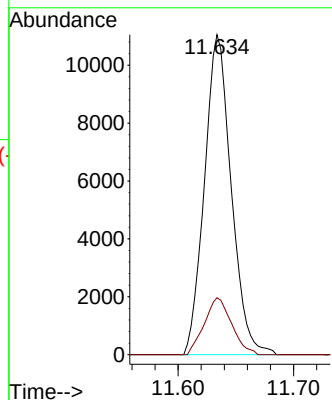
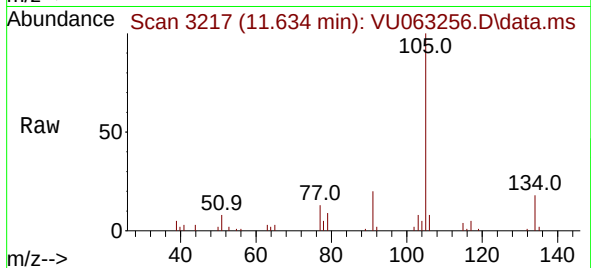




#79
 sec-Butylbenzene
 Concen: 0.294 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

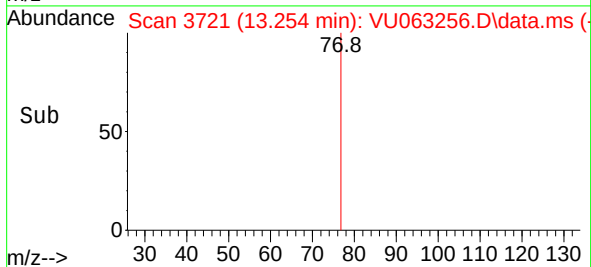
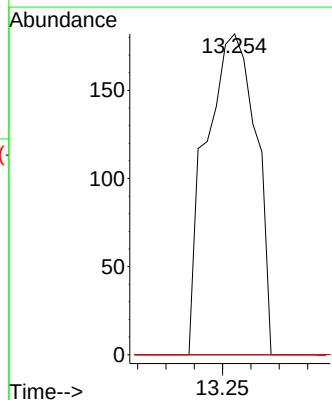
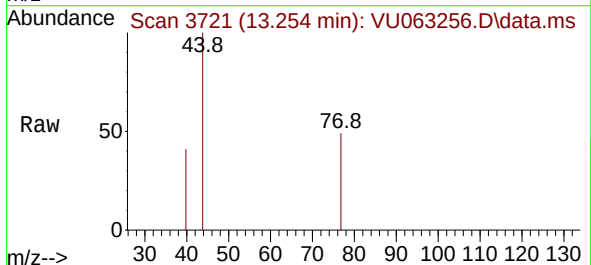
Instrument :
 MSVOA_U
 ClientSampleId :

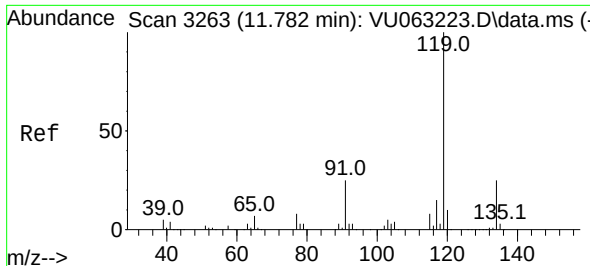
Tgt Ion:105 Resp: 17810
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.1 22.7



#80
 Nitrobenzene
 Concen: 0.686 ug/l
 RT: 13.254 min Scan# 3721
 Delta R.T. 0.051 min
 Lab File: VU063256.D
 Acq: 12 Feb 2025 15:55

Tgt Ion: 77 Resp: 222
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.9 67.1#
 65 0.0 11.9 15.1#

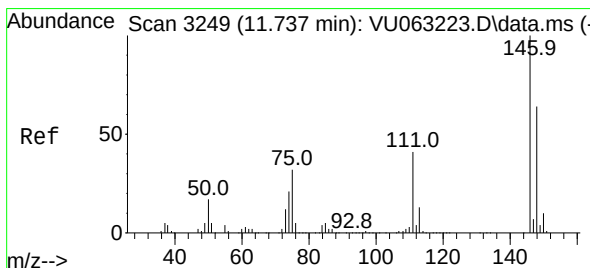
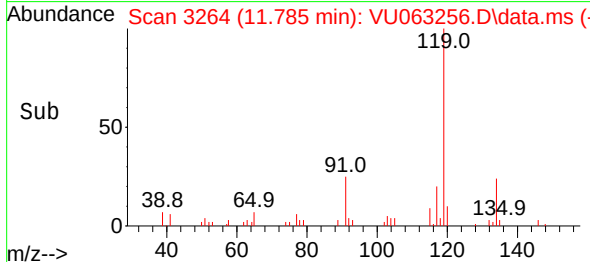
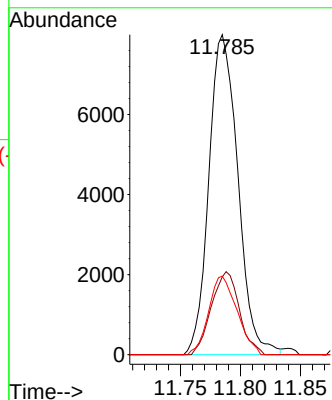
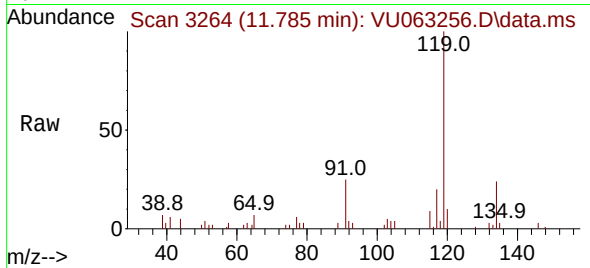




#81
p-Isopropyltoluene
Concen: 0.281 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

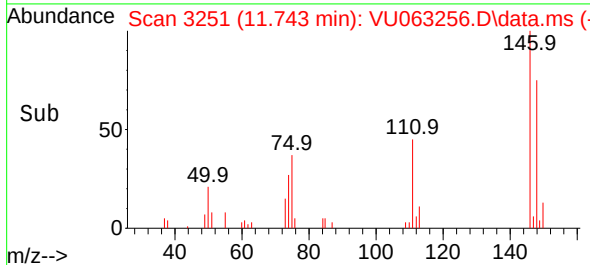
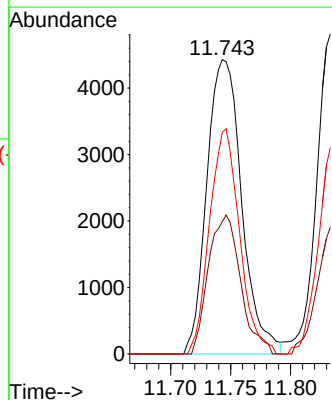
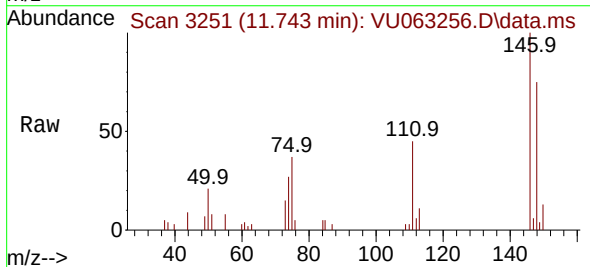
Instrument :
MSVOA_U
ClientSampleId :

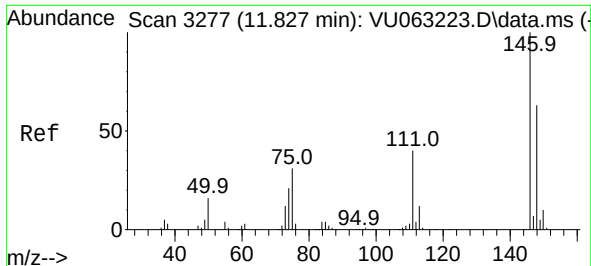
Tgt Ion:119 Resp: 13443
Ion Ratio Lower Upper
119 100
134 25.0 20.3 30.5
91 24.0 19.4 29.2



#82
1,3-Dichlorobenzene
Concen: 0.337 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063256.D
Acq: 12 Feb 2025 15:55

Tgt Ion:146 Resp: 8963
Ion Ratio Lower Upper
146 100
111 43.5 32.8 49.2
148 65.8 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 0.351 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

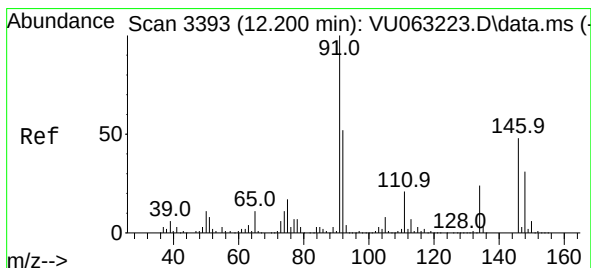
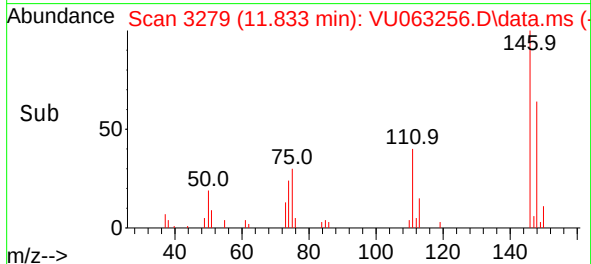
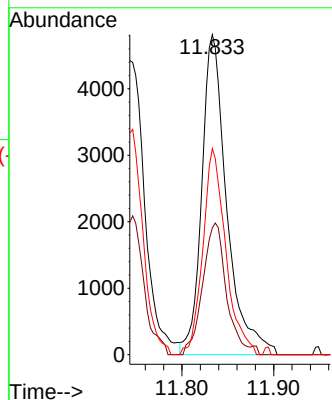
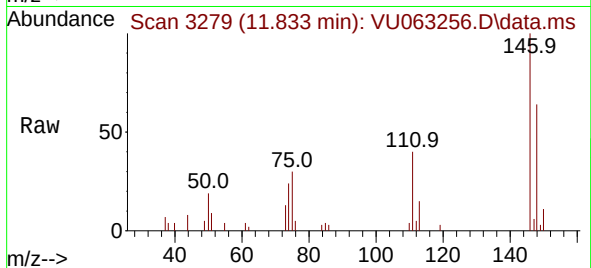
Tgt Ion:146 Resp: 9115

Ion Ratio Lower Upper

146 100

111 39.5 32.1 48.1

148 59.1 50.2 75.4



#84

n-Butylbenzene

Concen: 0.275 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

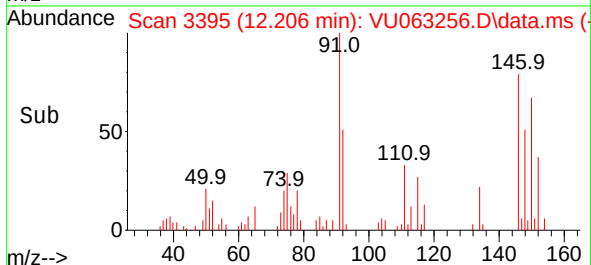
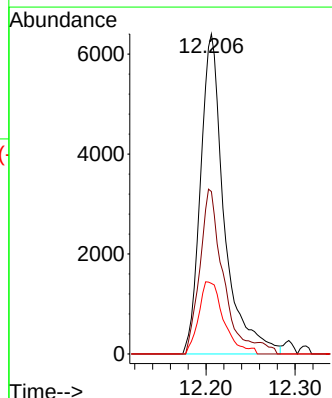
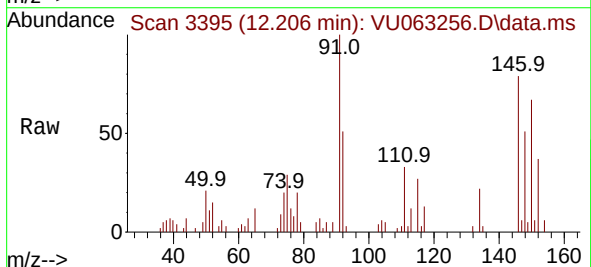
Tgt Ion: 91 Resp: 11817

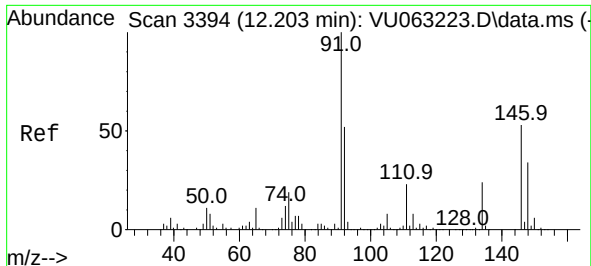
Ion Ratio Lower Upper

91 100

92 51.9 41.8 62.8

134 23.8 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 0.360 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

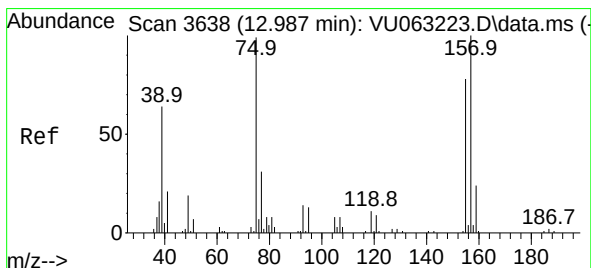
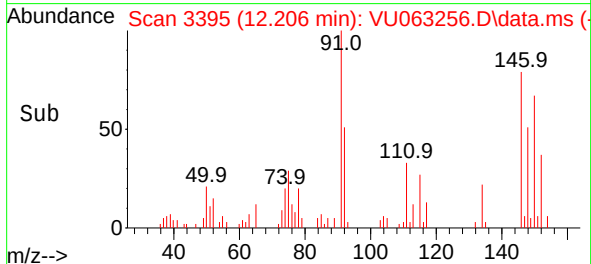
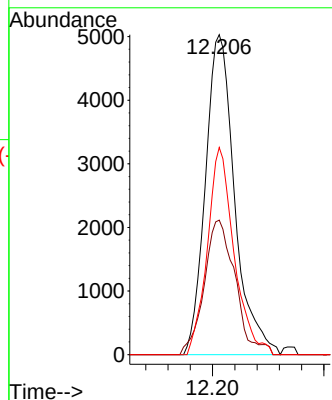
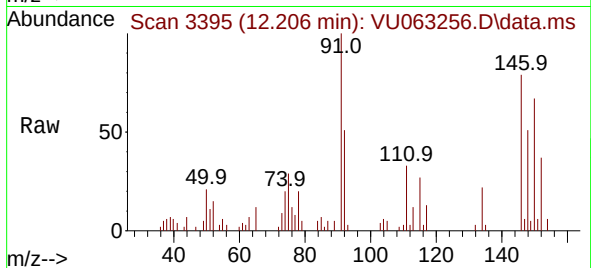
Tgt Ion:146 Resp: 9181

Ion Ratio Lower Upper

146 100

111 44.6 21.9 65.7

148 59.2 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.144 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

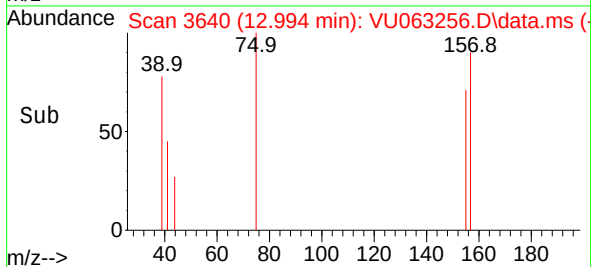
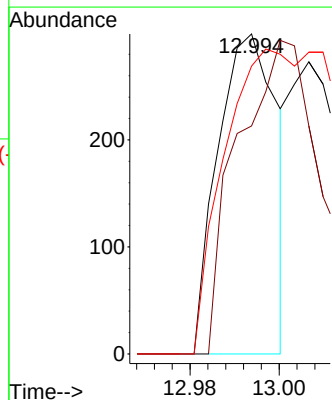
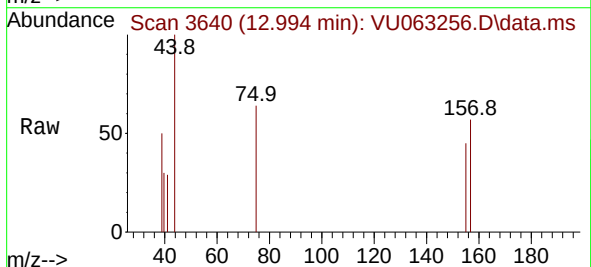
Tgt Ion: 75 Resp: 275

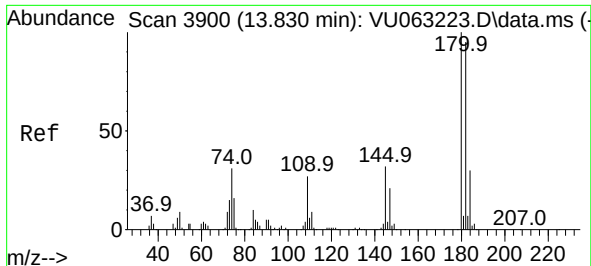
Ion Ratio Lower Upper

75 100

155 132.7 63.5 95.3#

157 210.2 81.8 122.6#





#87

1,2,4-Trichlorobenzene

Concen: 0.282 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.013 min

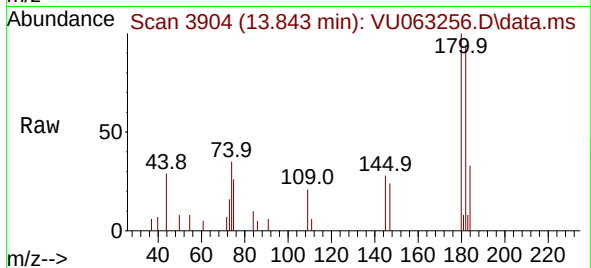
Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

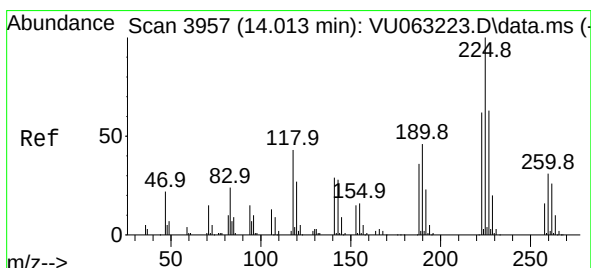
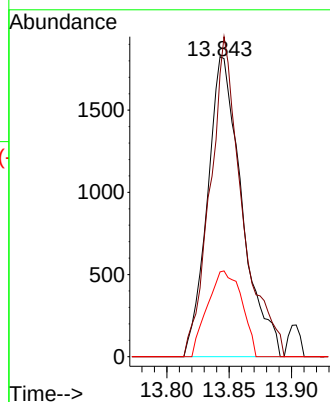
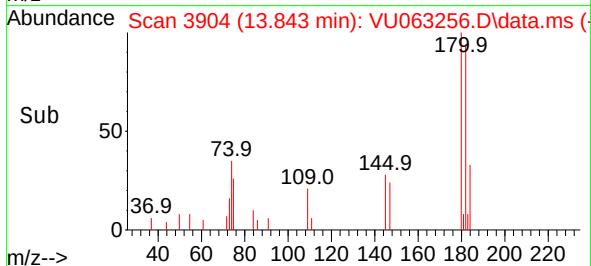
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180	Resp:	3511
Ion Ratio	Lower	Upper
180	100	
182	99.0	76.6 115.0
145	28.4	25.4 38.2



#88

Hexachlorobutadiene

Concen: 0.409 ug/l

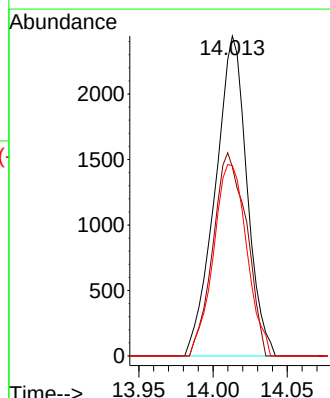
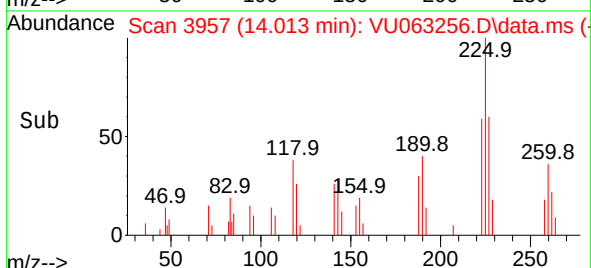
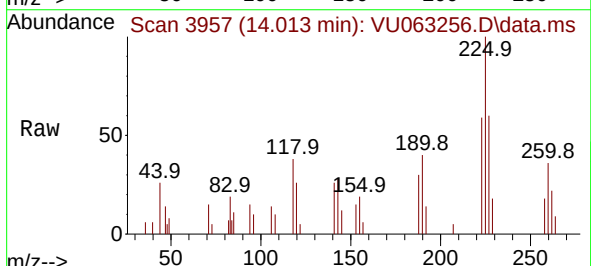
RT: 14.013 min Scan# 3957

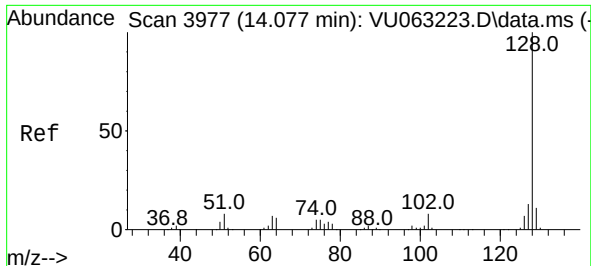
Delta R.T. -0.000 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:225	Resp:	3638
Ion Ratio	Lower	Upper
225	100	
223	66.7	49.5 74.3
227	62.9	51.0 76.4





#89

Naphthalene

Concen: 0.199 ug/l

RT: 14.103 min Scan# 3985

Delta R.T. 0.026 min

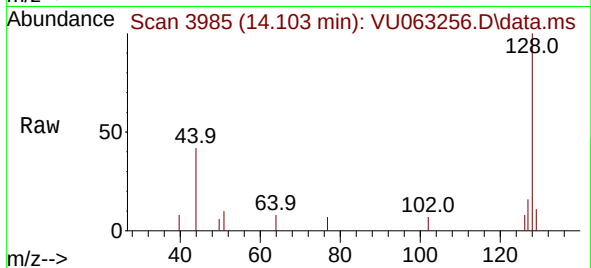
Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :



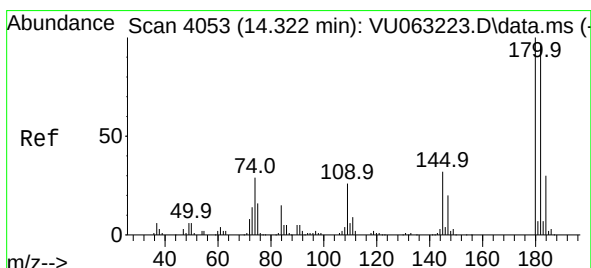
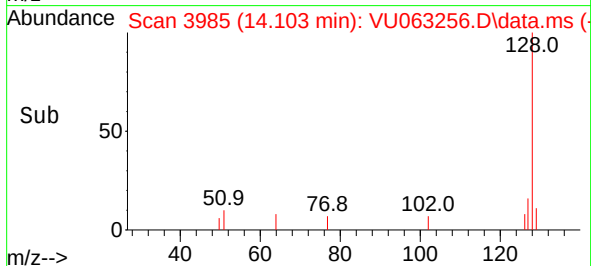
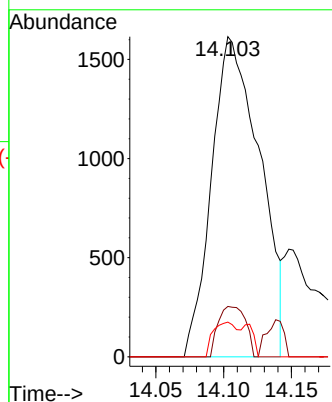
Tgt Ion:128 Resp: 3984

Ion Ratio Lower Upper

128 100

127 8.9 10.6 16.0#

129 5.7 8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.278 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

Lab File: VU063256.D

Acq: 12 Feb 2025 15:55

Tgt Ion:180 Resp: 3393

Ion Ratio Lower Upper

180 100

182 100.4 78.2 117.2

145 31.7 26.1 39.1

