

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063255.D
 Acq On : 12 Feb 2025 15:30
 Operator : MD/SY
 Sample : Q1168-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 13 03:48:46 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	6.106	96	47279	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13480	0.864	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13828	0.853	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4370	0.284	ug/l	96
3) Chloromethane	1.518	50	5495	0.311	ug/l	98
4) Vinyl Chloride	1.599	62	4838	0.276	ug/l	99
5) Bromomethane	1.846	94	3005	0.351	ug/l	90
6) Chloroethane	1.923	64	3128	0.284	ug/l	93
7) Trichlorofluoromethane	2.129	101	6015	0.290	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	3563	0.303	ug/l	95
9) 1,1-Dichloroethene	2.570	96	3396	0.283	ug/l	91
10) Iodomethane	2.714	142	5122	0.272	ug/l	96
11) Allyl Chloride	2.914	41	4514	0.262	ug/l	94
12) Acrylonitrile	3.328	53	347	0.125	ug/l	# 86
13) Acetone	2.621	43	3443	1.618	ug/l	96
14) Carbon Disulfide	2.785	76	12818	0.306	ug/l	96
15) Methylene Chloride	3.033	84	4617	0.312	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	3788	0.277	ug/l	90
17) 1,1-Dichloroethane	3.859	63	7202	0.279	ug/l	# 94
18) 2-Butanone	4.740	43	1313	0.388	ug/l	76
19) Cyclohexane	5.377	56	5226	0.252	ug/l	100
20) Methylcyclohexane	6.750	83	5309	0.258	ug/l	97
21) 2,2-Dichloropropane	4.653	77	5664	0.281	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	3887	0.263	ug/l	91
23) Diethyl Ether	2.370	59	2766	0.269	ug/l	95
24) tert-Butyl Alcohol	3.174	59	7161	5.720	ug/l	# 77
25) Methyl tert-Butyl Ether	3.348	73	7435	0.248	ug/l	99
26) Bromochloromethane	4.968	128	1821	0.282	ug/l	87
27) Chloroform	5.078	83	7515	0.289	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	5441	0.258	ug/l	93
29) 1,1-Dichloropropene	5.521	75	4932	0.261	ug/l	95
30) Carbon Tetrachloride	5.515	117	5131	0.284	ug/l	96
31) Isopropyl Ether	3.978	45	9467	0.257	ug/l	91
32) Ethyl-t-butyl ether	4.489	59	8615	0.257	ug/l	87
33) Tert-Amyl methyl ether	5.926	73	7652	0.261	ug/l	# 91
34) Propionitrile	4.820	54	630	0.617	ug/l	# 65
35) Benzene	5.769	78	15040	0.259	ug/l	100
36) 1,2-Dichloroethane	5.788	62	4289	0.256	ug/l	99
37) Trichloroethene	6.537	130	3998	0.289	ug/l	84
38) 1,2-Dichloropropane	6.785	63	3897	0.256	ug/l	93
39) Methacrylonitrile	5.000	41	491	0.129	ug/l	# 60
40) Methyl acrylate	4.891	55	241	0.034	ug/l	# 60
41) Tetrahydrofuran	5.065	42	1104	0.499	ug/l	# 56
42) 1-Chlorobutane	5.451	56	6330	0.245	ug/l	93
43) Dibromomethane	6.913	93	2115	0.275	ug/l	98
44) Bromodichloromethane	7.100	83	5138	0.287	ug/l	94

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Feb 13 03:48:32 2025
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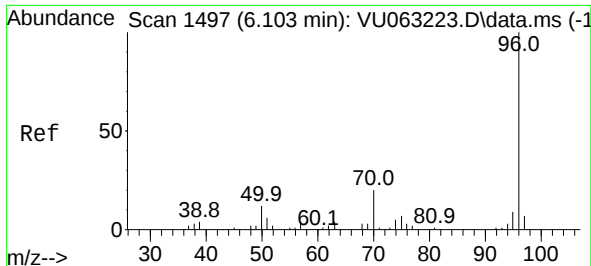
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	9002	1.115	ug/l	92
46) t-1,4-Dichloro-2-butene	10.817	75	4194	1.105	ug/l #	39
47) Methyl methacrylate	6.968	69	2243	0.346	ug/l #	83
48) Ethyl methacrylate	8.338	69	2334	0.192	ug/l	91
49) Toluene	7.965	92	7600	0.227	ug/l	97
50) t-1,3-Dichloropropene	8.212	75	3870	0.236	ug/l	89
51) cis-1,3-Dichloropropene	7.602	75	5236	0.258	ug/l	94
52) 1,1,2-Trichloroethane	8.393	97	2639	0.254	ug/l	95
53) 1,3-Dichloropropane	8.566	76	4707	0.255	ug/l	99
54) 2-Hexanone	8.692	43	4504	0.818	ug/l	90
55) Dibromochloromethane	8.804	129	3146	0.263	ug/l	96
56) 1,2-Dibromoethane	8.920	107	2616	0.269	ug/l	92
58) Tetrachloroethene	8.550	164	3324	0.292	ug/l	96
59) Chlorobenzene	9.447	112	9470	0.269	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	3380	0.267	ug/l	98
61) Pentachloroethane	11.418	117	3150	0.278	ug/l	83
62) Hexachloroethane	12.466	117	2679	0.268	ug/l	93
63) Ethyl Benzene	9.566	91	13941	0.229	ug/l	92
64) m/p-Xylenes	9.692	106	9050	0.398	ug/l	94
65) o-Xylene	10.093	106	4509	0.203	ug/l	98
66) Styrene	10.116	104	6746	0.191	ug/l	99
67) Bromoform	10.283	173	1739	0.257	ug/l #	93
69) Isopropylbenzene	10.476	105	11175	0.214	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	3362	0.240	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	4194	0.399	ug/l #	70
72) Bromobenzene	10.781	156	3732	0.265	ug/l	90
73) n-propylbenzene	10.900	120	4061	0.271	ug/l	93
74) 2-Chlorotoluene	10.981	126	2820	0.204	ug/l	81
75) 1,3,5-Trimethylbenzene	11.081	105	8974	0.185	ug/l	97
76) 4-Chlorotoluene	11.097	126	2918	0.206	ug/l	97
77) tert-Butylbenzene	11.412	119	10415	0.213	ug/l	96
78) 1,2,4-Trimethylbenzene	11.463	105	8845	0.184	ug/l	100
79) sec-Butylbenzene	11.637	105	12634	0.203	ug/l	100
80) Nitrobenzene	13.299	77	19	0.057	ug/l #	41
81) p-Isopropyltoluene	11.788	119	9114	0.185	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	6555	0.240	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	6258	0.234	ug/l	96
84) n-Butylbenzene	12.209	91	8713	0.197	ug/l	90
85) 1,2-Dichlorobenzene	12.206	146	6226	0.237	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	255	0.130	ug/l	88
87) 1,2,4-Trichlorobenzene	13.849	180	1973	0.154	ug/l	87
88) Hexachlorobutadiene	14.013	225	2333	0.255	ug/l	91
89) Naphthalene	14.109	128	3007	0.146	ug/l #	79
90) 1,2,3-Trichlorobenzene	14.338	180	2302	0.184	ug/l #	89

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

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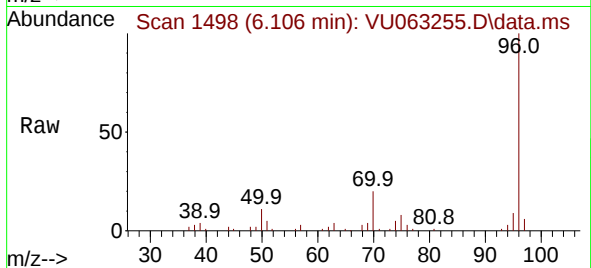
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ClientSampleId :



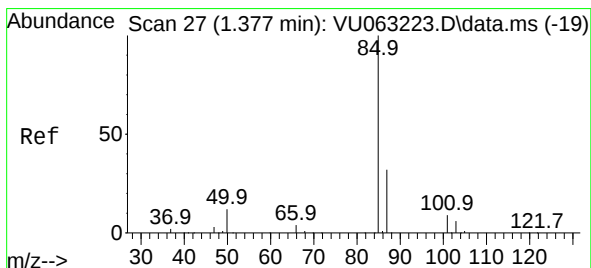
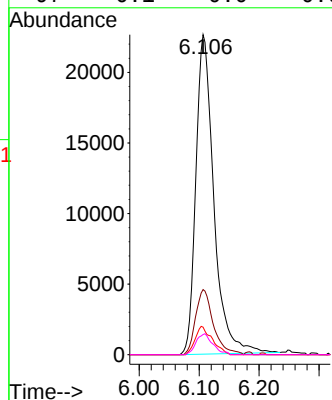
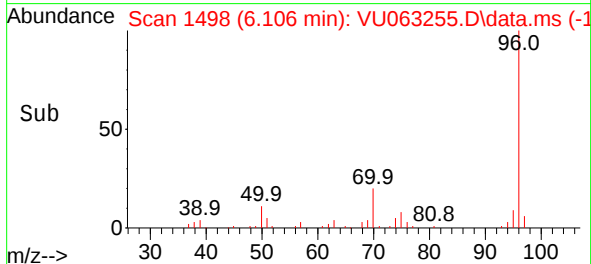


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1497
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :

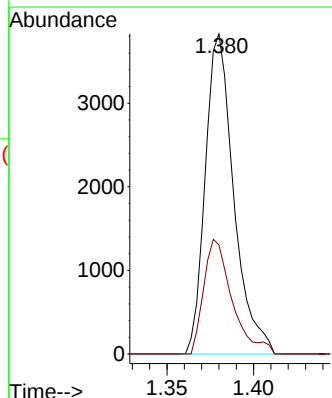
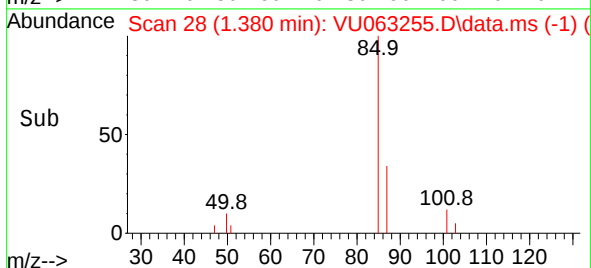
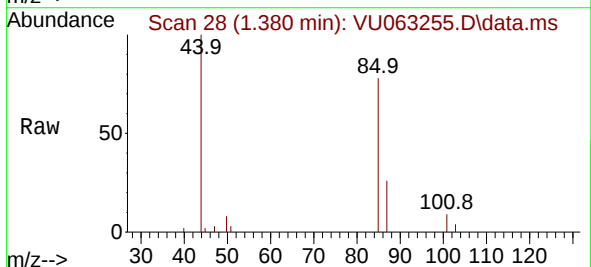


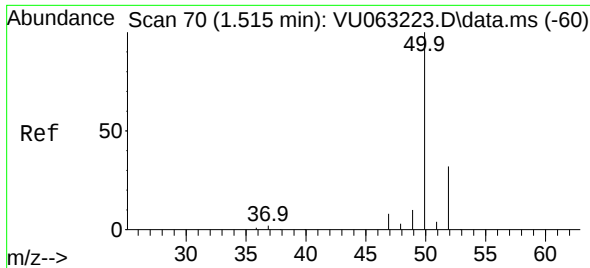
Tgt Ion: 96 Resp: 47279
Ion Ratio Lower Upper
96 100
70 20.1 15.6 23.4
95 8.4 7.3 10.9
97 6.1 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.284 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 85 Resp: 4370
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0

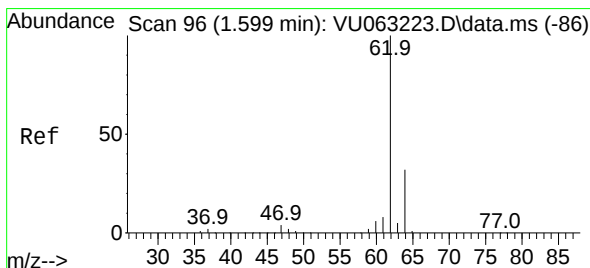
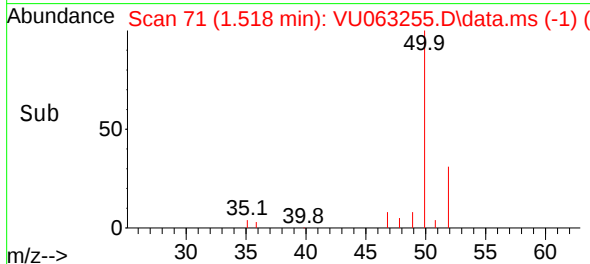
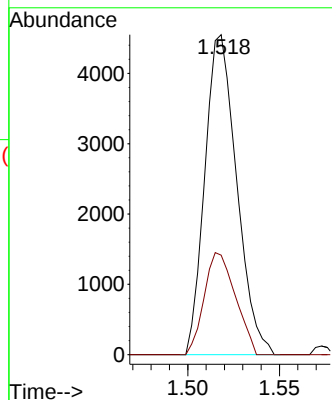
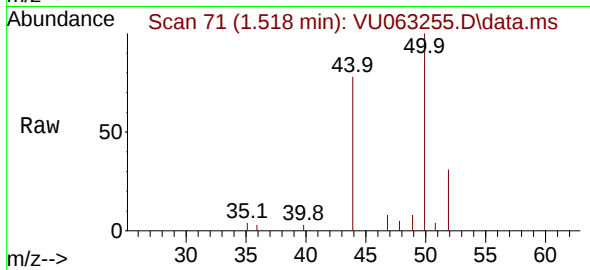




#3
Chloromethane
Concen: 0.311 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

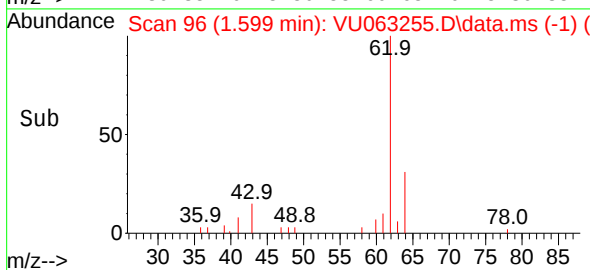
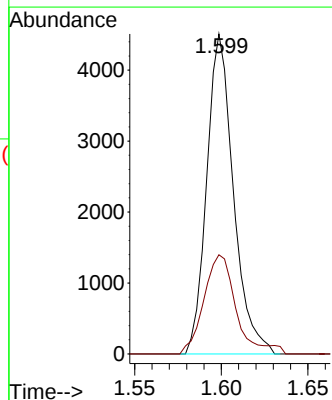
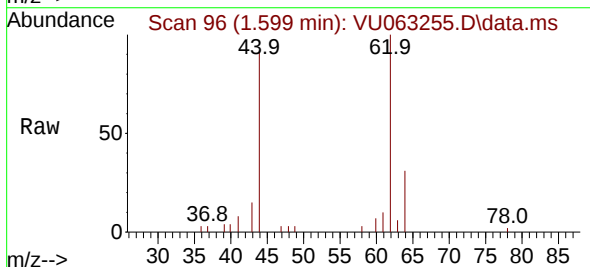
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MSVOA_U
ClientSampleId :

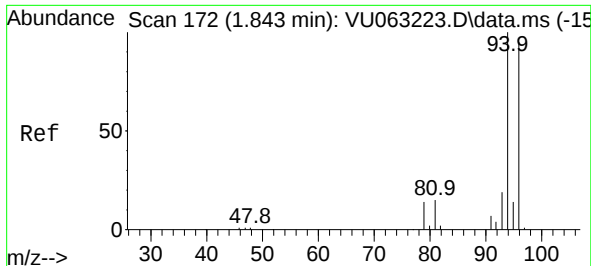
Tgt Ion: 50 Resp: 5495
Ion Ratio Lower Upper
50 100
52 31.1 25.8 38.8



#4
Vinyl Chloride
Concen: 0.276 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 62 Resp: 4838
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

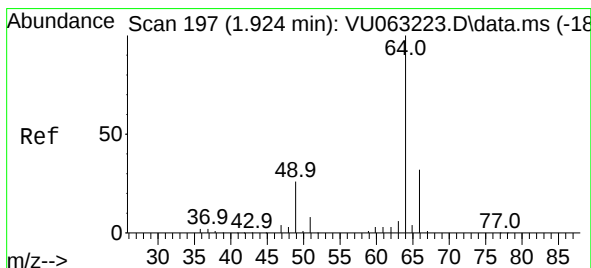
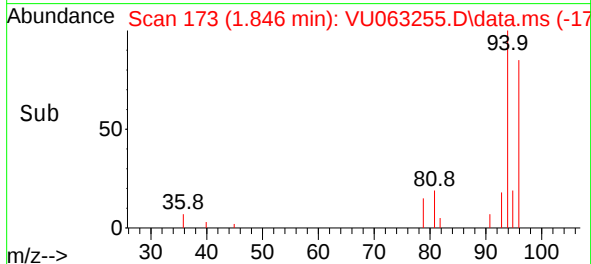
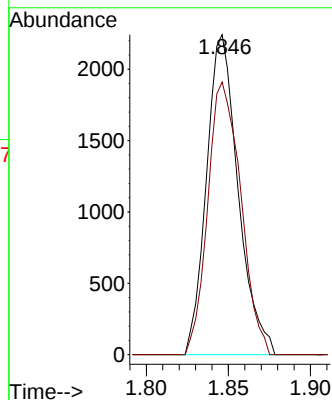
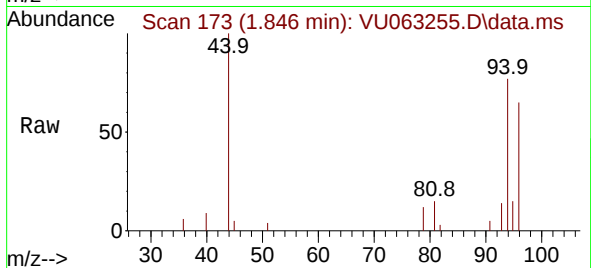




#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.846 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

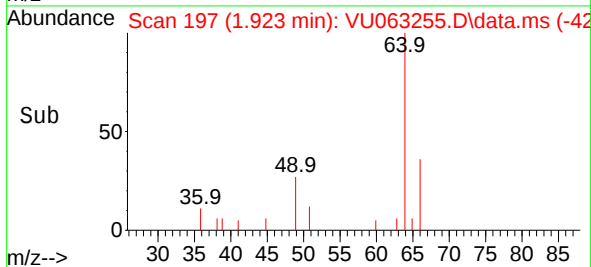
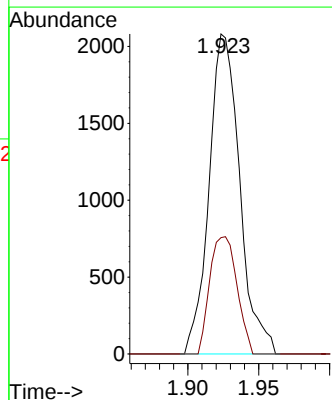
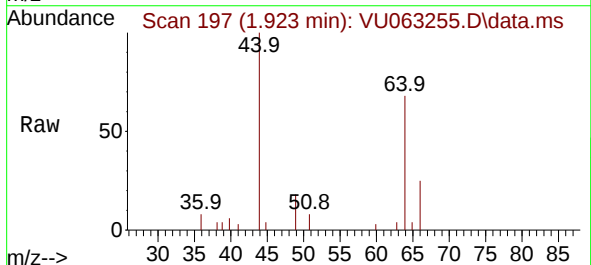
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MSVOA_U
ClientSampleId :

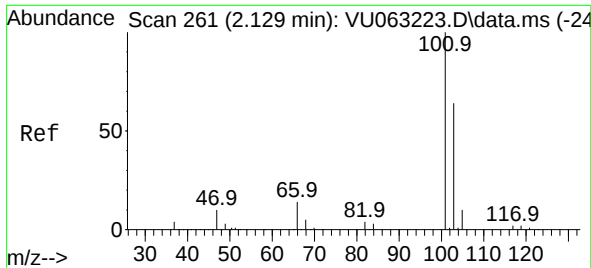
Tgt Ion: 94 Resp: 3005
Ion Ratio Lower Upper
94 100
96 85.1 75.7 113.5



#6
Chloroethane
Concen: 0.284 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

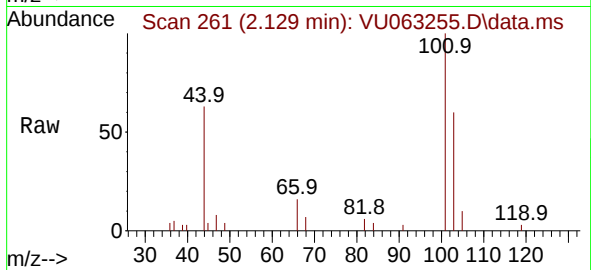
Tgt Ion: 64 Resp: 3128
Ion Ratio Lower Upper
64 100
66 36.4 25.8 38.8



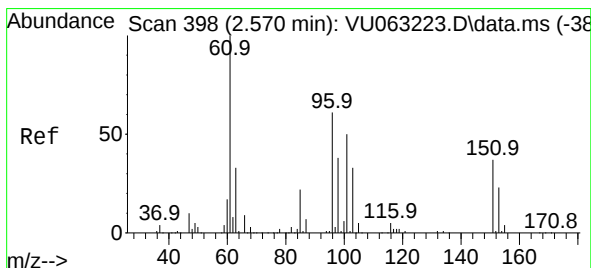
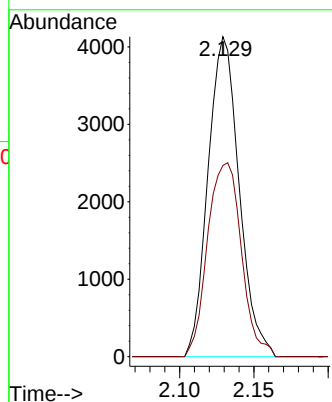
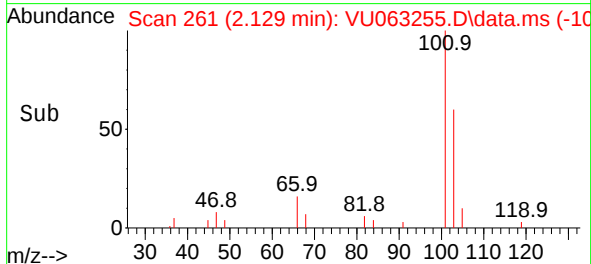


#7
 Trichlorofluoromethane
 Concen: 0.290 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

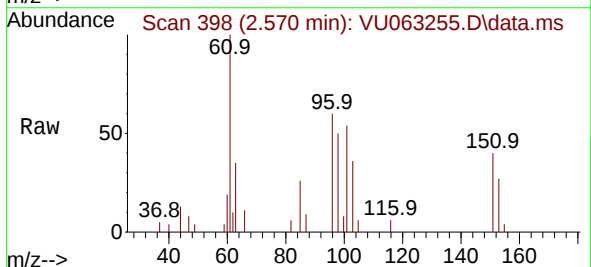
Instrument :
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 ClientSampleId :



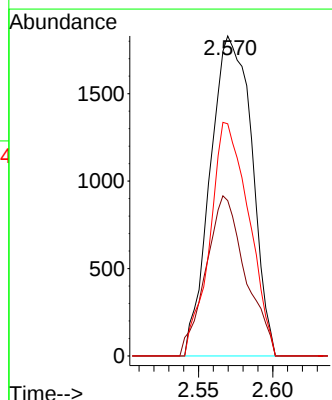
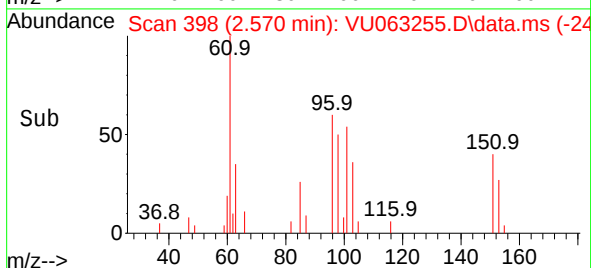
Tgt Ion:101 Resp: 6015
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.4 77.2

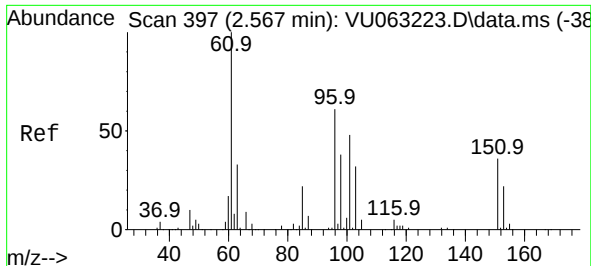


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.303 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30



Tgt Ion:101 Resp: 3563
 Ion Ratio Lower Upper
 101 100
 85 47.5 35.4 53.0
 151 68.3 58.5 87.7

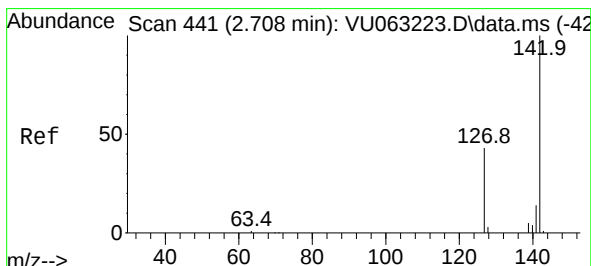
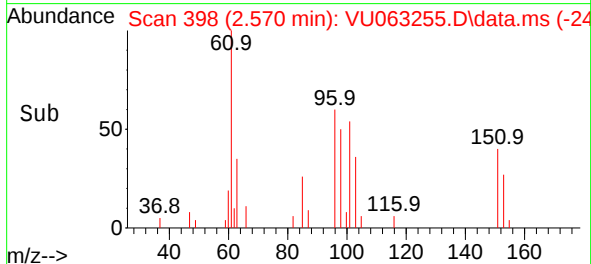
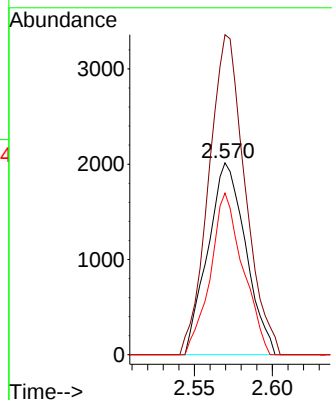
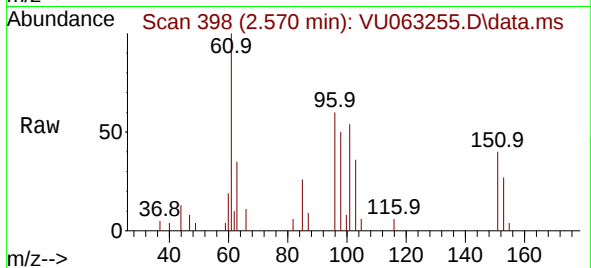




#9
1,1-Dichloroethene
Concen: 0.283 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

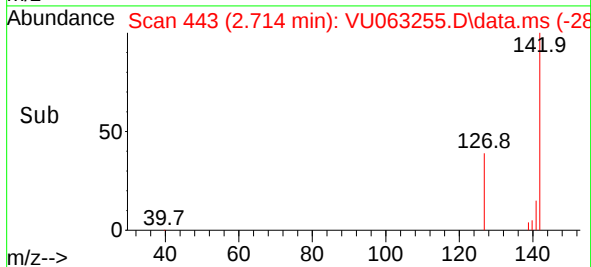
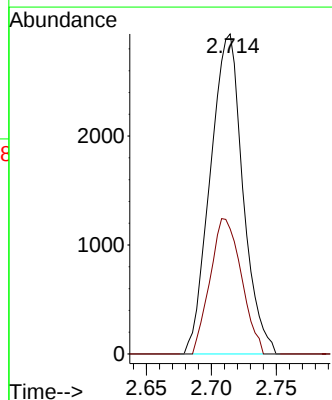
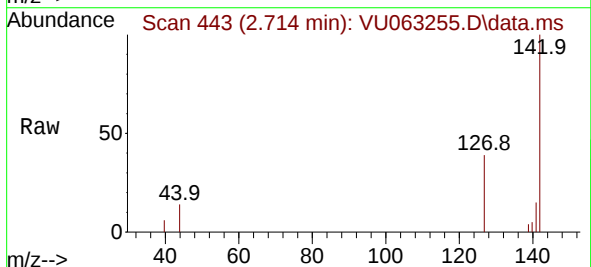
Instrument :
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ClientSampleId :

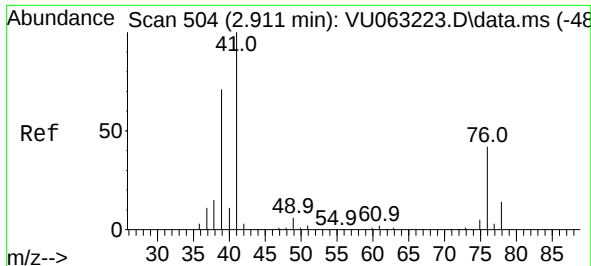
Tgt Ion: 96 Resp: 3396
Ion Ratio Lower Upper
96 100
61 166.7 0.0 492.9
98 84.2 0.0 124.0



#10
Iodomethane
Concen: 0.272 ug/l
RT: 2.714 min Scan# 443
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 142 Resp: 5122
Ion Ratio Lower Upper
142 100
127 40.6 34.5 51.7





#11

Allyl Chloride

Concen: 0.262 ug/l

RT: 2.914 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

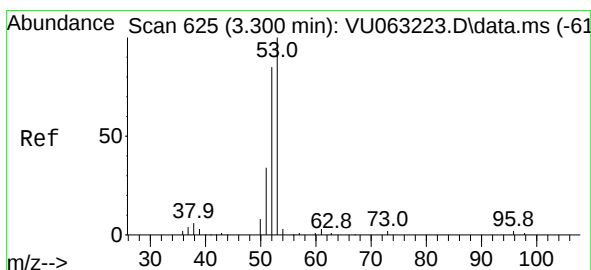
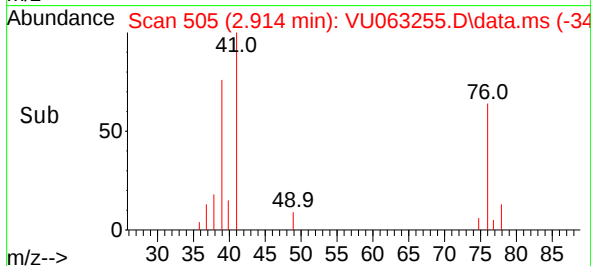
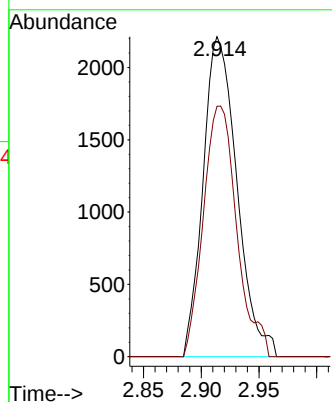
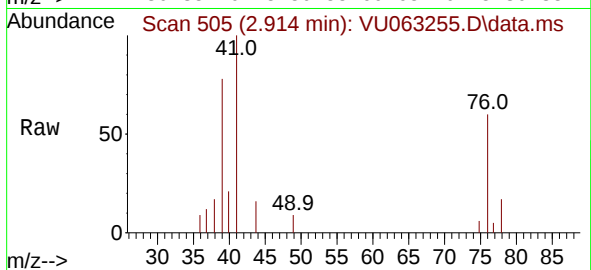
ClientSampleId :

Tgt Ion: 41 Resp: 4514

Ion Ratio Lower Upper

41 100

39 77.2 57.9 86.9



#12

Acrylonitrile

Concen: 0.125 ug/l

RT: 3.328 min Scan# 634

Delta R.T. 0.029 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

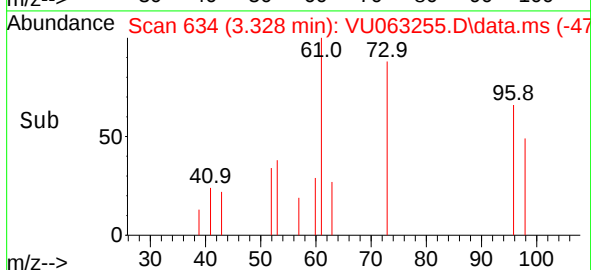
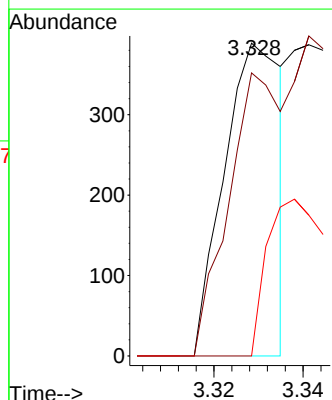
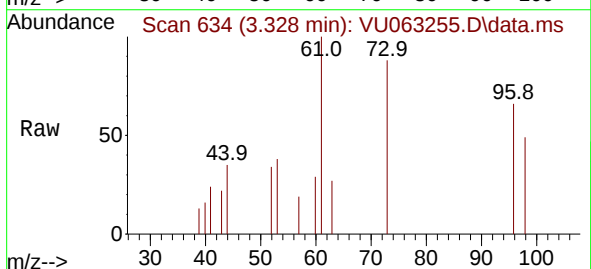
Tgt Ion: 53 Resp: 347

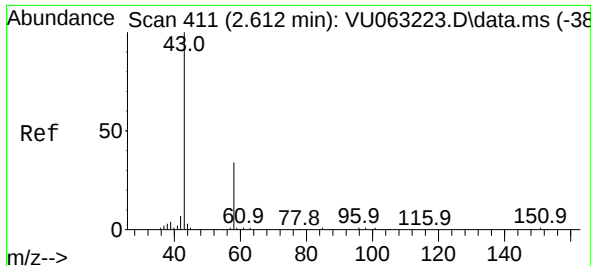
Ion Ratio Lower Upper

53 100

52 83.0 64.2 96.2

51 59.9 30.8 46.2#





#13

Acetone

Concen: 1.618 ug/l

RT: 2.621 min Scan# 411

Delta R.T. 0.009 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

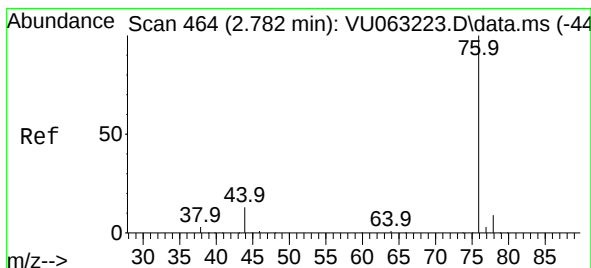
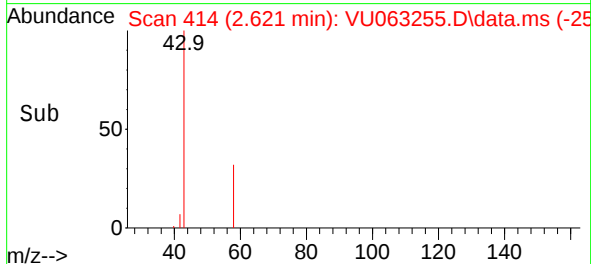
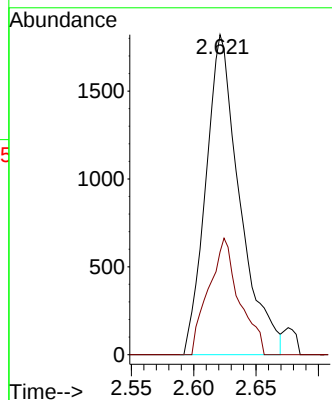
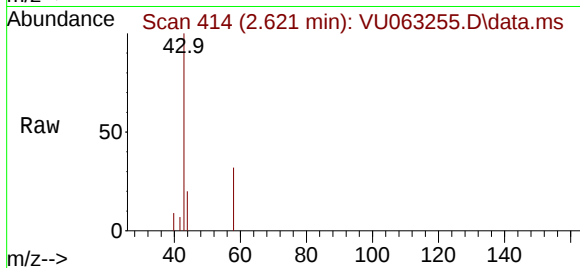
ClientSampleId :

Tgt Ion: 43 Resp: 3443

Ion Ratio Lower Upper

43 100

58 32.1 27.4 41.0



#14

Carbon Disulfide

Concen: 0.306 ug/l

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU063255.D

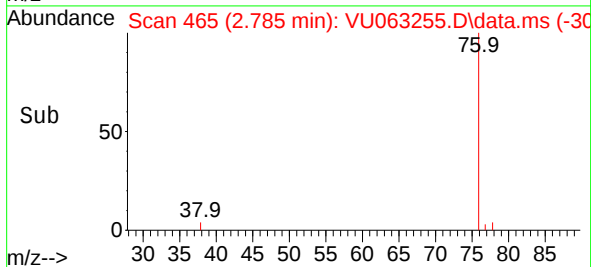
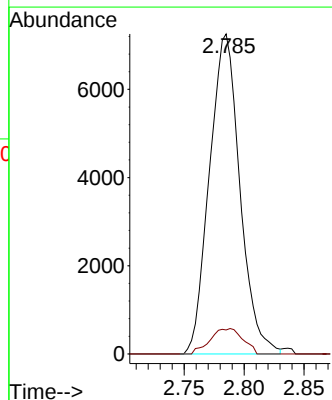
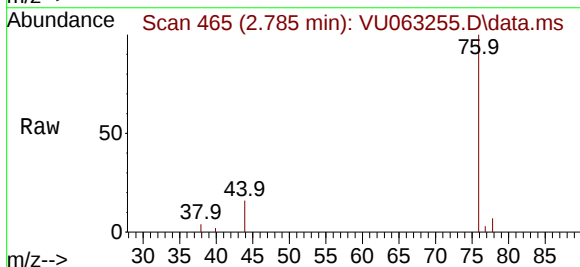
Acq: 12 Feb 2025 15:30

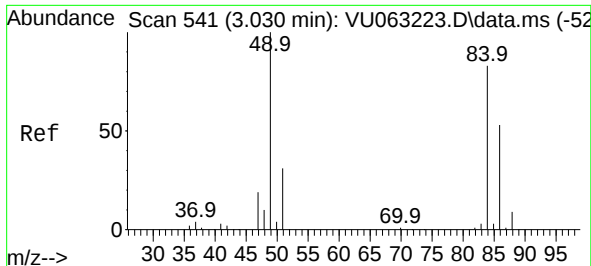
Tgt Ion: 76 Resp: 12818

Ion Ratio Lower Upper

76 100

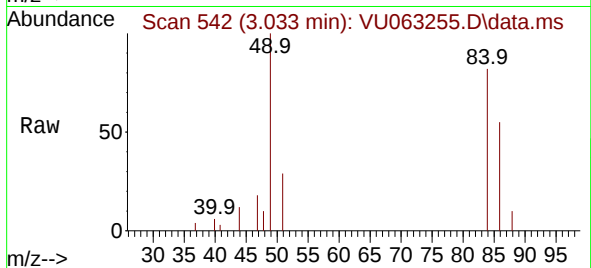
78 7.5 7.2 10.8



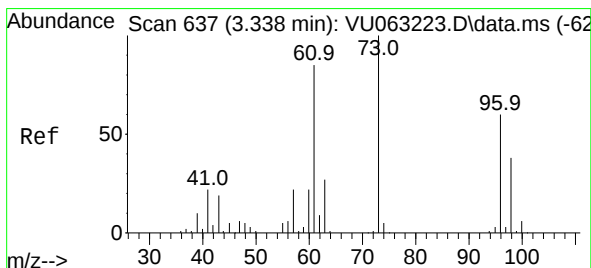
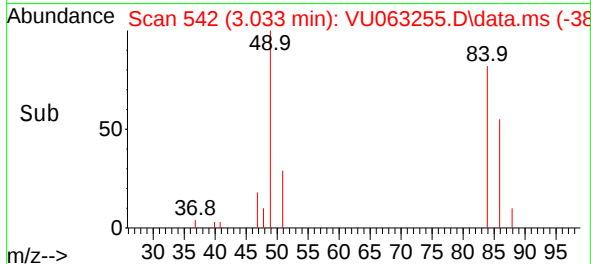
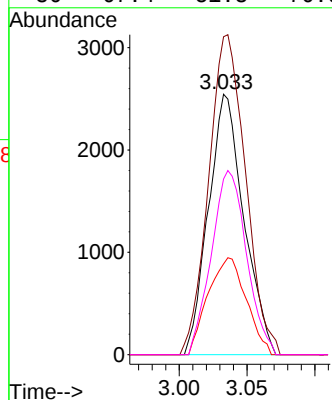


#15
Methylene Chloride
Concen: 0.312 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :

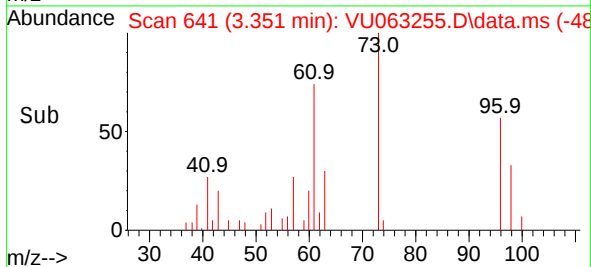
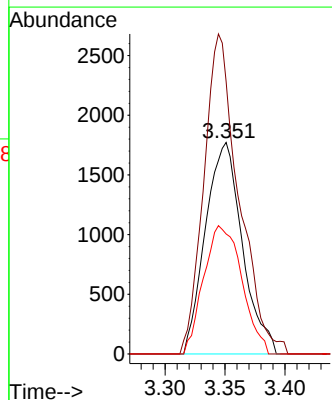
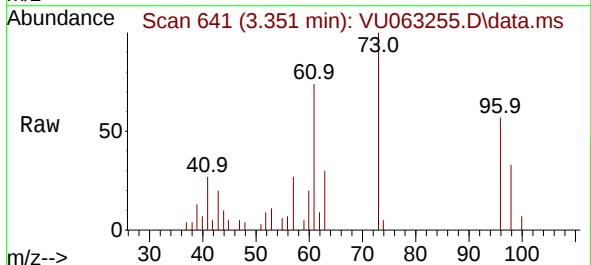


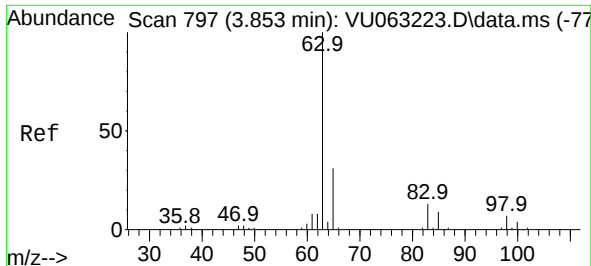
Tgt Ion: 84 Resp: 4617
Ion Ratio Lower Upper
84 100
49 122.0 96.4 144.6
51 34.8 0.0 74.8
86 67.4 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.013 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 96 Resp: 3788
Ion Ratio Lower Upper
96 100
61 128.8 113.4 170.2
98 56.8 51.2 76.8

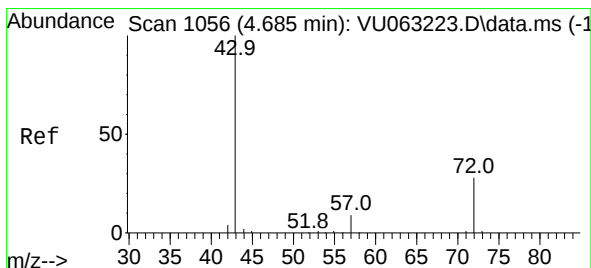
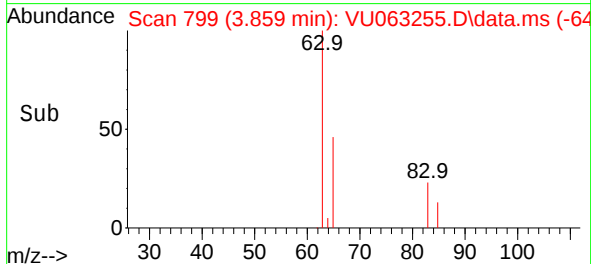
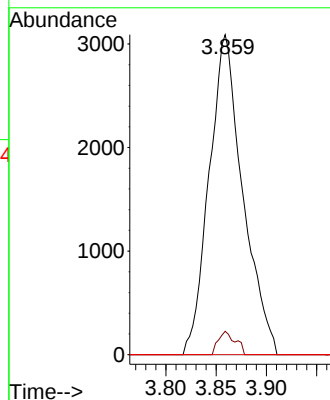
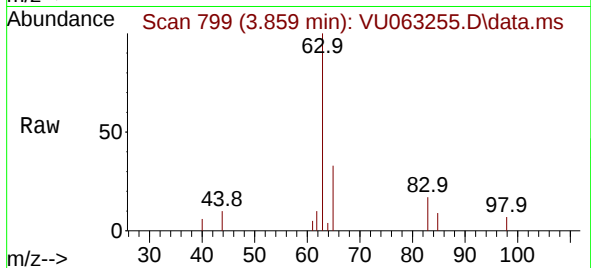




#17
1,1-Dichloroethane
Concen: 0.279 ug/l
RT: 3.859 min Scan# 71
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

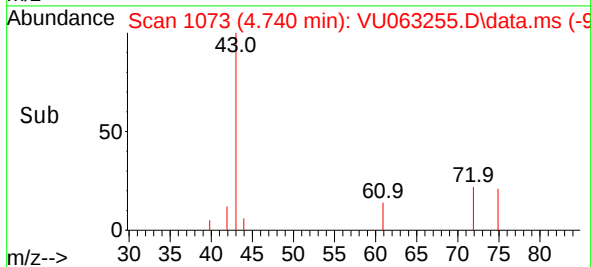
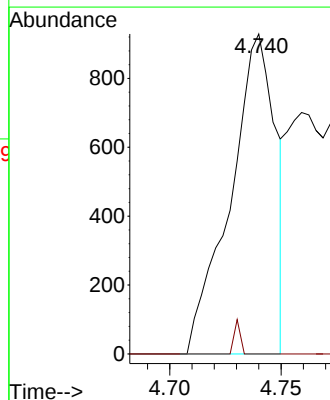
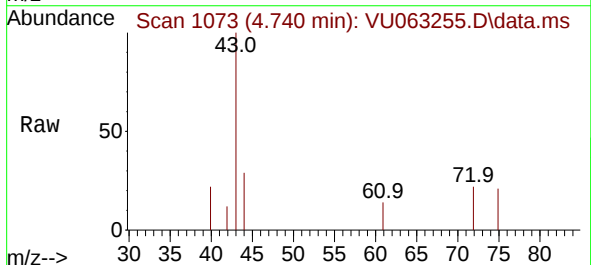
Instrument :
MSVOA_U
ClientSampleId :

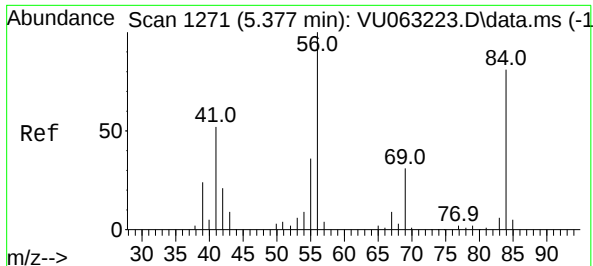
Tgt Ion: 63 Resp: 7202
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.9
100 0.0 2.1 6.2#



#18
2-Butanone
Concen: 0.388 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.054 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
57 0.0 0.0 17.0





#19

Cyclohexane

Concen: 0.252 ug/l

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU063255.D

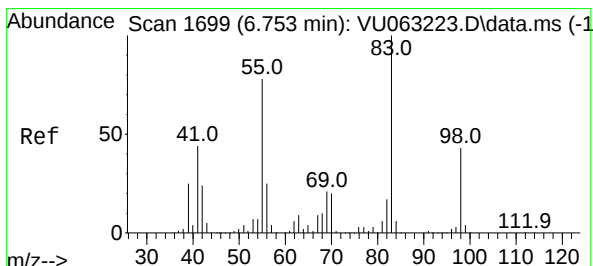
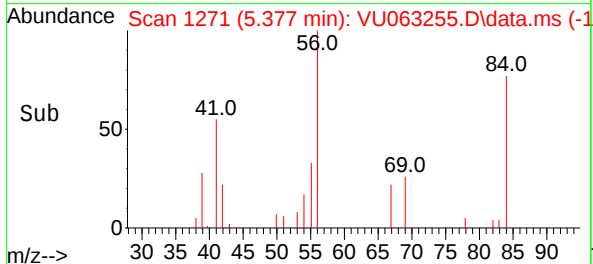
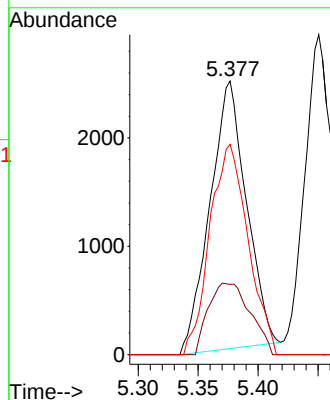
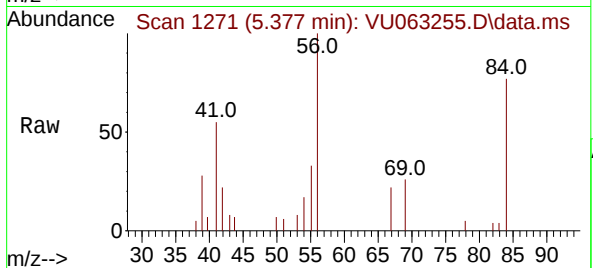
Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	5226
Ion Ratio	Lower	Upper	
56	100		
69	30.6	24.5	36.7
84	82.1	65.2	97.8



#20

Methylcyclohexane

Concen: 0.258 ug/l

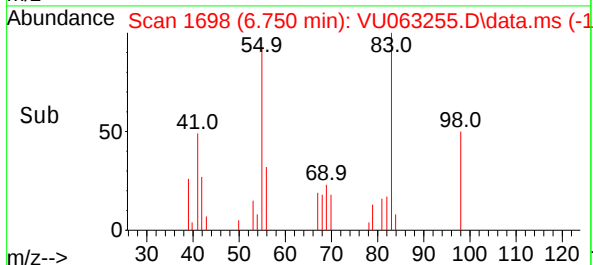
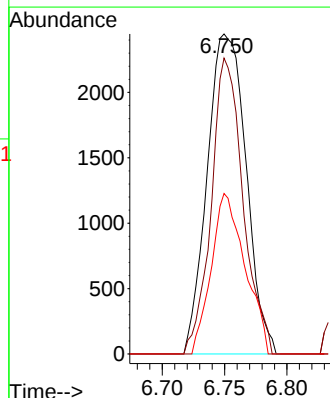
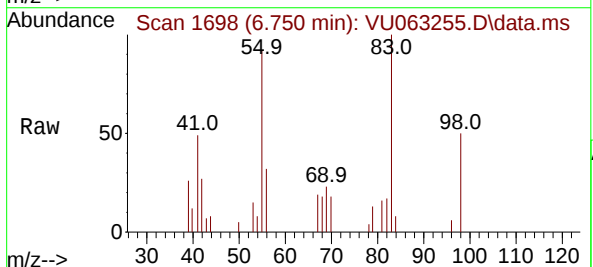
RT: 6.750 min Scan# 1698

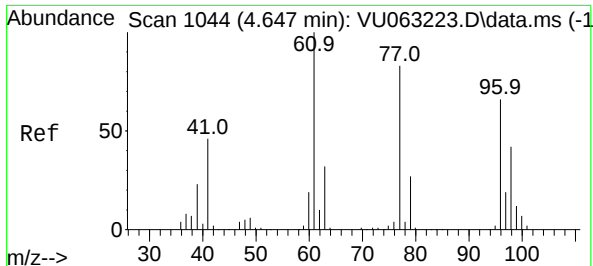
Delta R.T. -0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:	83	Resp:	5309
Ion Ratio	Lower	Upper	
83	100		
55	75.8	63.1	94.7
98	43.6	35.2	52.8





#21

2,2-Dichloropropane

Concen: 0.281 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

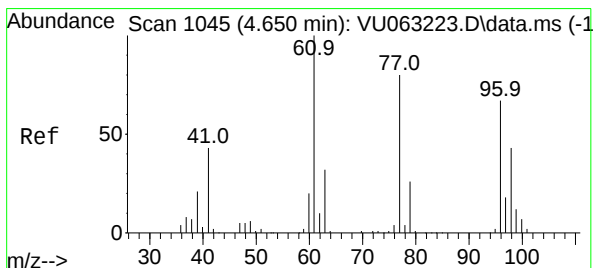
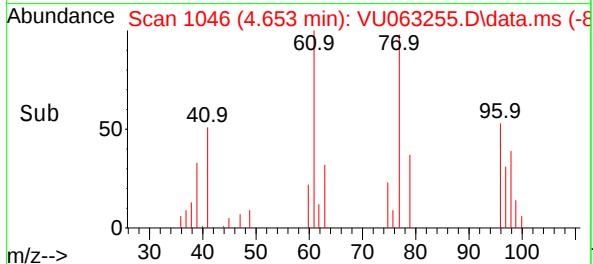
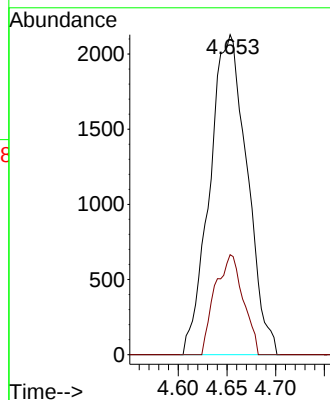
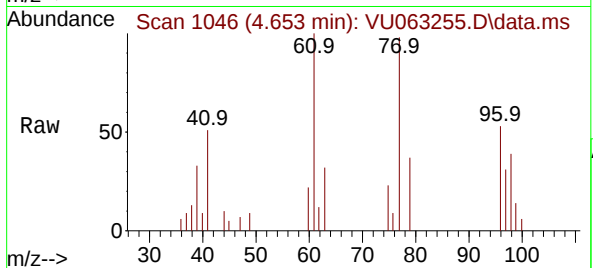
ClientSampleId :

Tgt Ion: 77 Resp: 5664

Ion Ratio Lower Upper

77 100

97 23.5 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.263 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

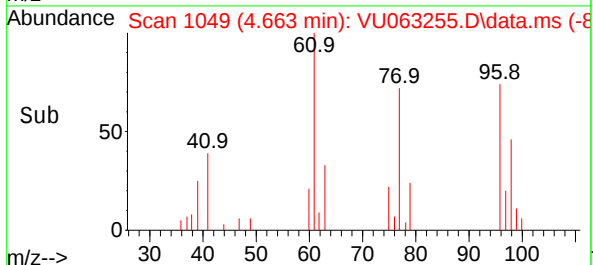
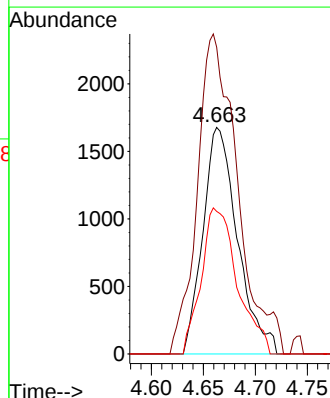
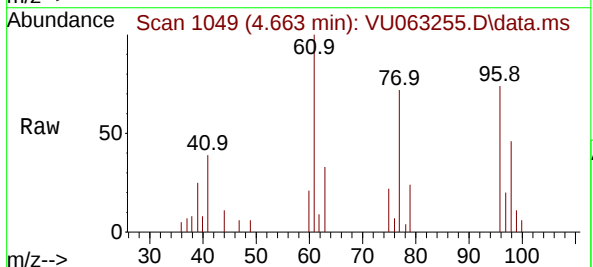
Tgt Ion: 96 Resp: 3887

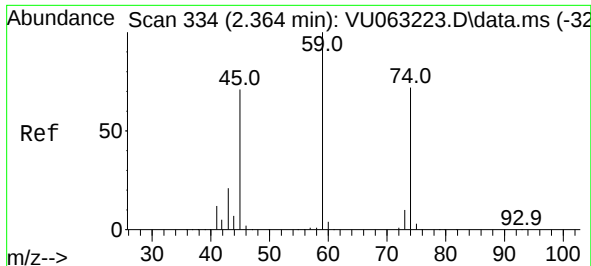
Ion Ratio Lower Upper

96 100

61 164.0 0.0 373.3

98 67.3 31.9 95.9

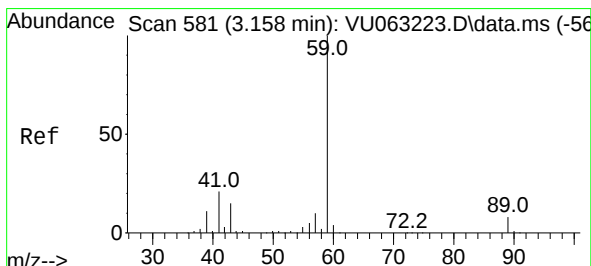
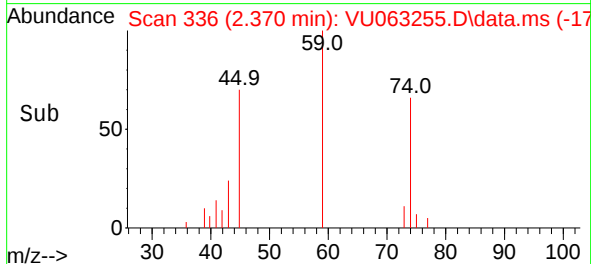
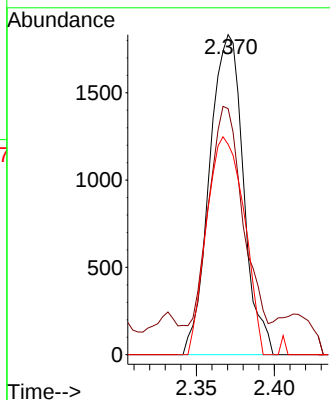
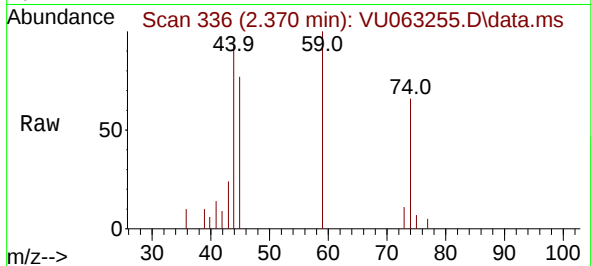




#23
Diethyl Ether
Concen: 0.269 ug/l
RT: 2.370 min Scan# 334
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

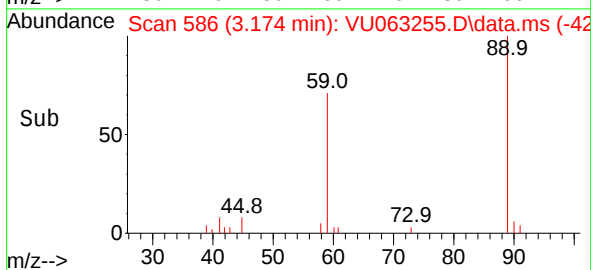
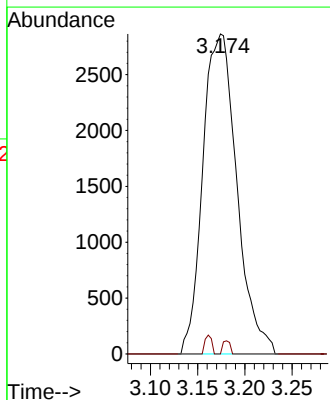
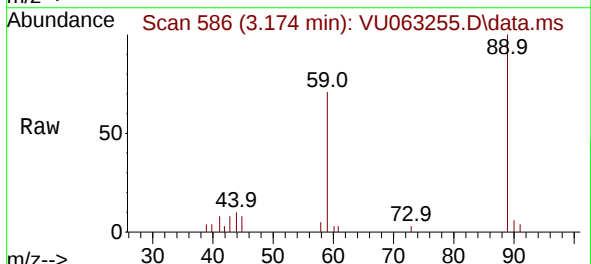
Instrument :
MSVOA_U
ClientSampleId :

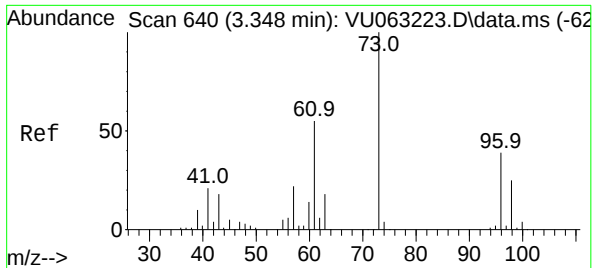
Tgt Ion: 59 Resp: 2766
Ion Ratio Lower Upper
59 100
45 67.6 57.8 86.6
74 75.3 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 5.720 ug/l
RT: 3.174 min Scan# 586
Delta R.T. 0.016 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 59 Resp: 7161
Ion Ratio Lower Upper
59 100
57 0.9 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 0.248 ug/l

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

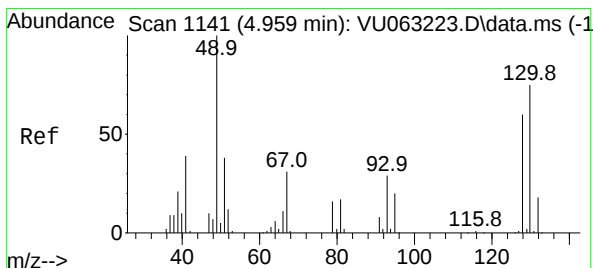
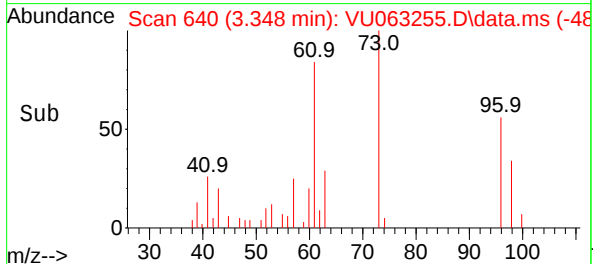
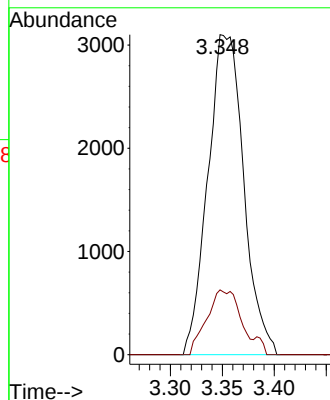
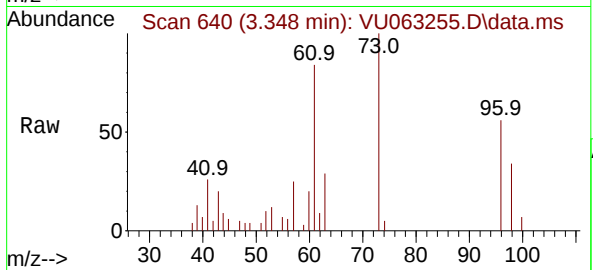
ClientSampleId :

Tgt Ion: 73 Resp: 7435

Ion Ratio Lower Upper

73 100

43 18.9 14.9 22.3



#26

Bromochloromethane

Concen: 0.282 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

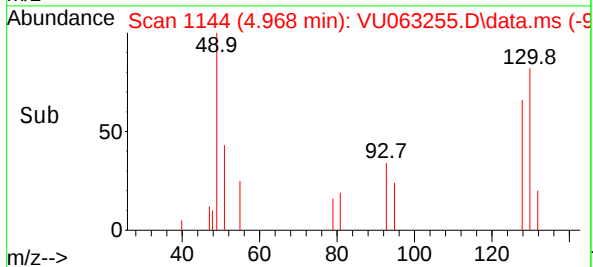
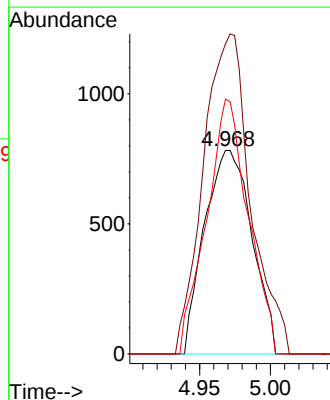
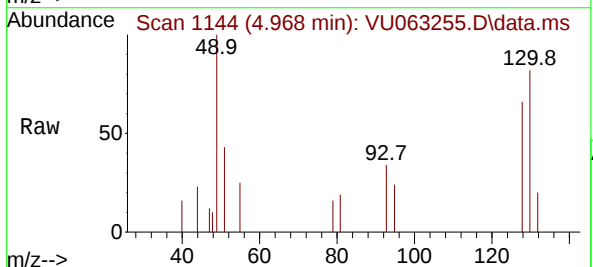
Tgt Ion: 128 Resp: 1821

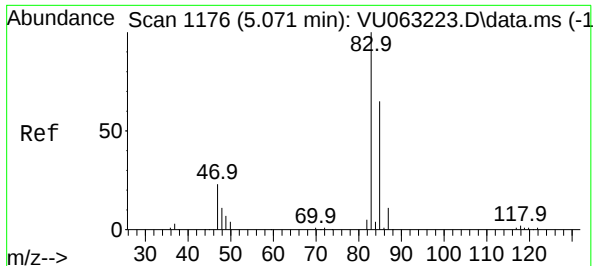
Ion Ratio Lower Upper

128 100

49 156.3 0.0 343.4

130 110.1 102.9 154.3





#27

Chloroform

Concen: 0.289 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

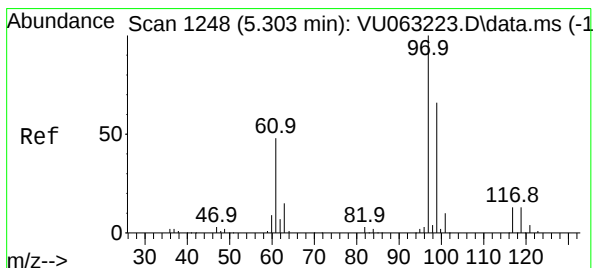
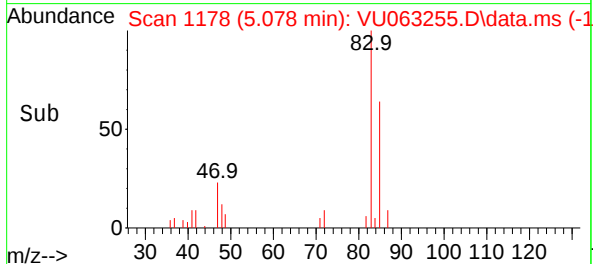
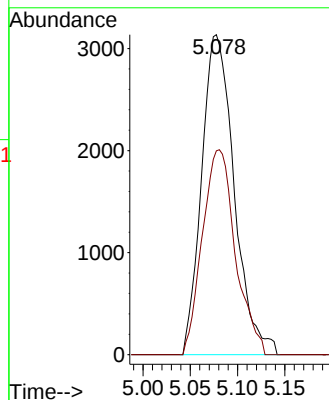
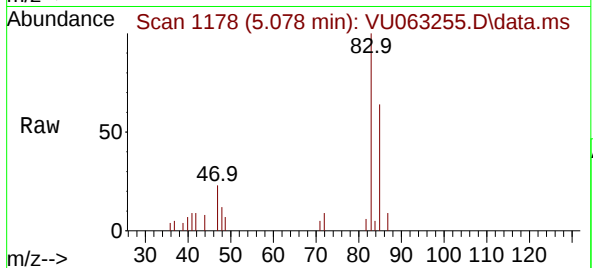
ClientSampleId :

Tgt Ion: 83 Resp: 7515

Ion Ratio Lower Upper

83 100

85 63.7 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 0.258 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

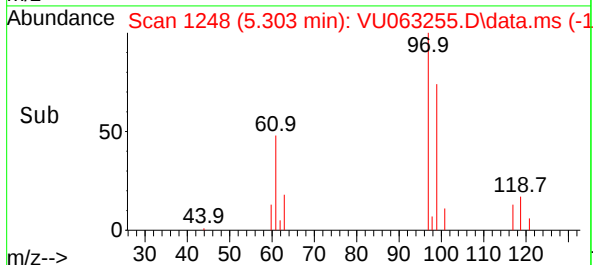
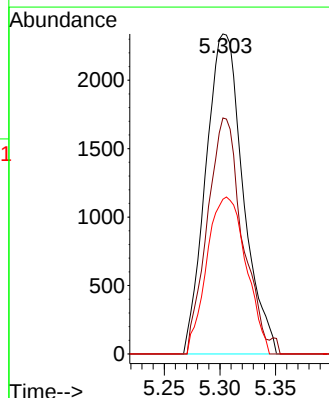
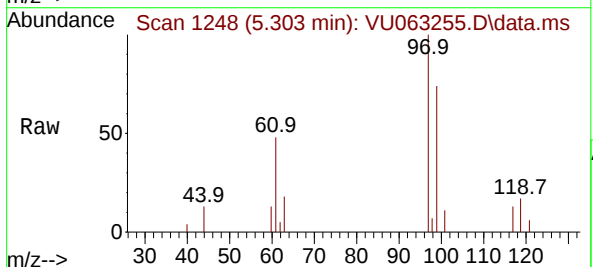
Tgt Ion: 97 Resp: 5441

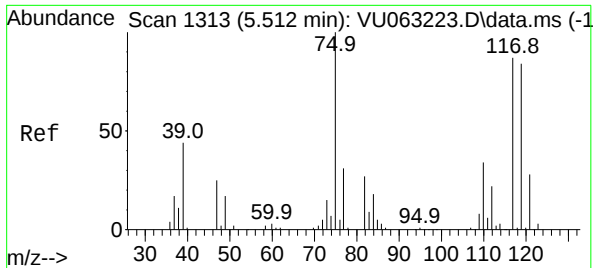
Ion Ratio Lower Upper

97 100

99 70.1 32.4 97.0

61 51.6 23.8 71.2

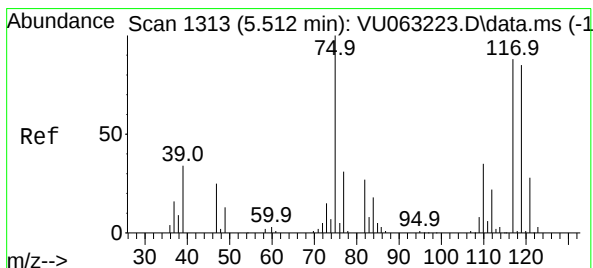
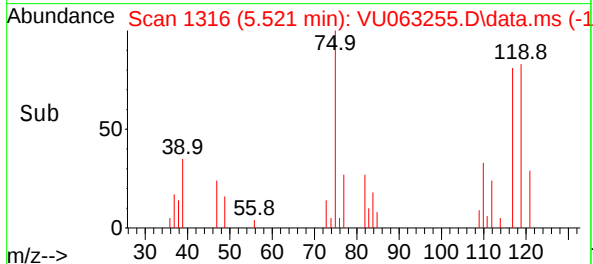
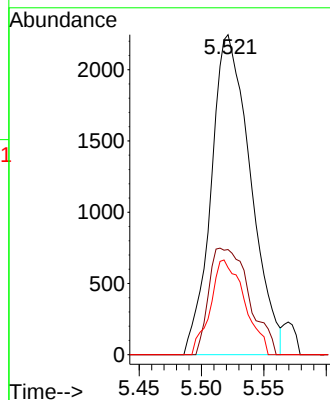
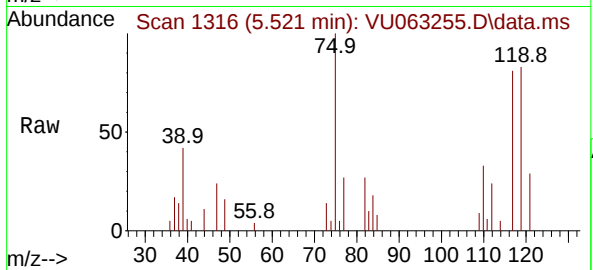




#29
1,1-Dichloropropene
Concen: 0.261 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

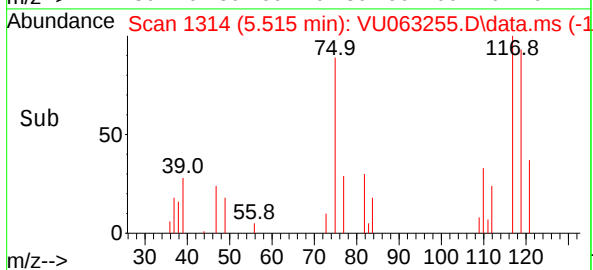
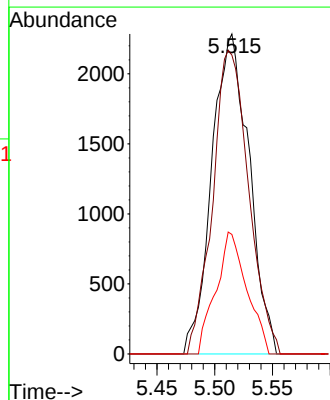
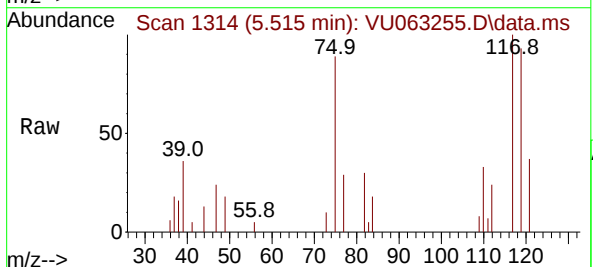
Instrument :
MSVOA_U
ClientSampleId :

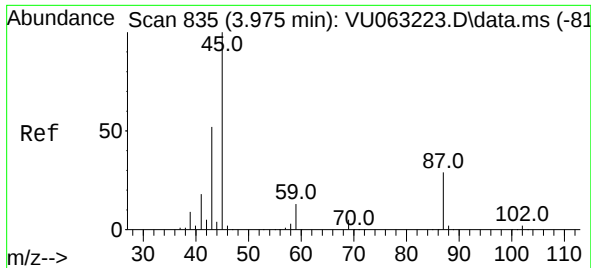
Tgt Ion: 75 Resp: 4932
Ion Ratio Lower Upper
75 100
110 33.9 17.2 51.5
77 25.6 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.284 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 117 Resp: 5131
Ion Ratio Lower Upper
117 100
119 93.4 76.7 115.1
121 37.3 25.5 38.3

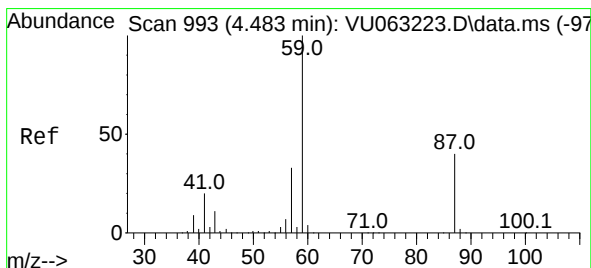
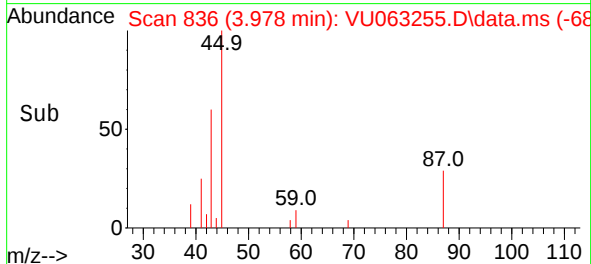
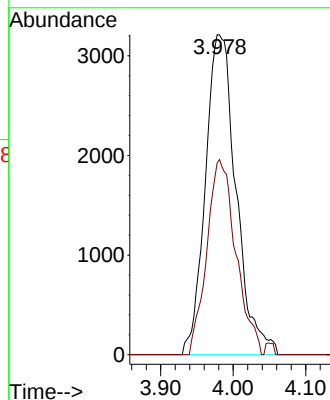
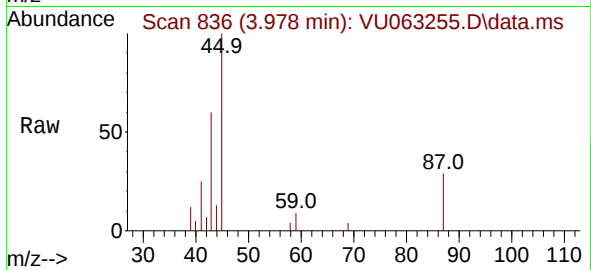




#31
Isopropyl Ether
Concen: 0.257 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

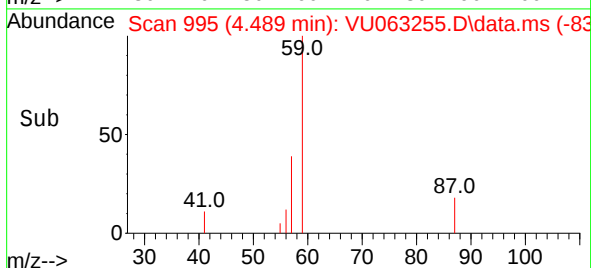
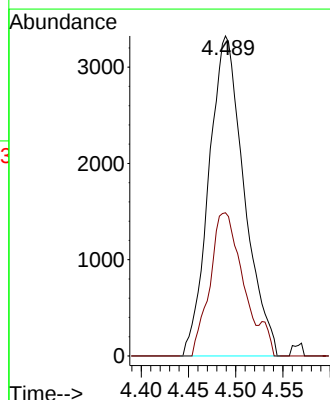
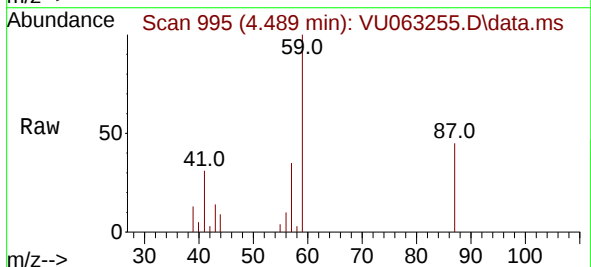
Instrument :
MSVOA_U
ClientSampleId :

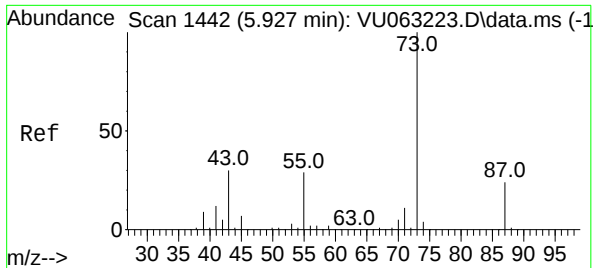
Tgt Ion: 45 Resp: 9467
Ion Ratio Lower Upper
45 100
43 57.6 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 0.257 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

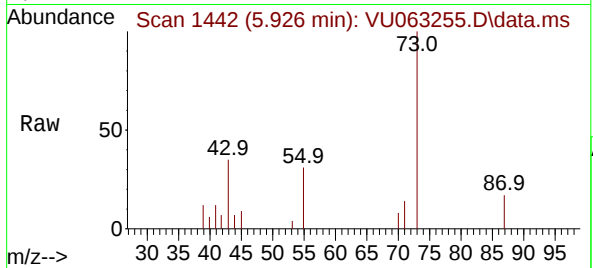
Tgt Ion: 59 Resp: 8615
Ion Ratio Lower Upper
59 100
87 32.8 32.6 49.0



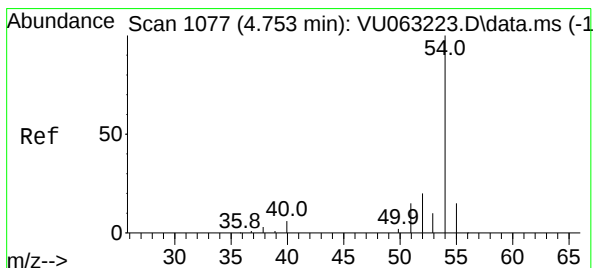
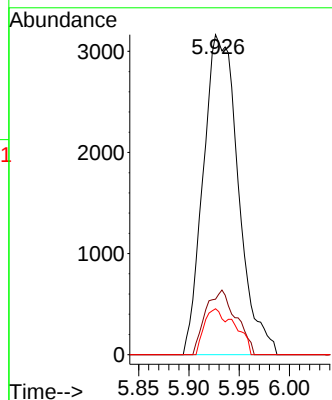
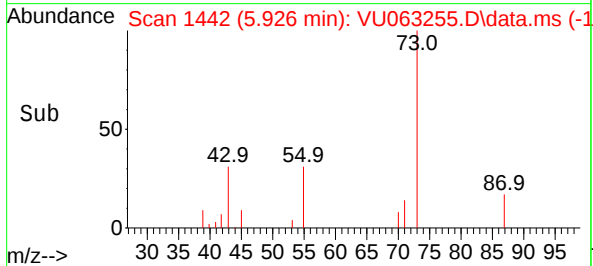


#33
Tert-Amyl methyl ether
Concen: 0.261 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

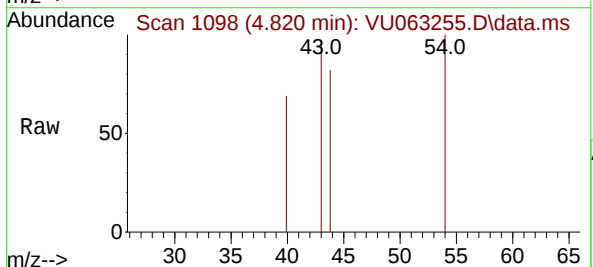
Instrument :
MSVOA_U
ClientSampleId :



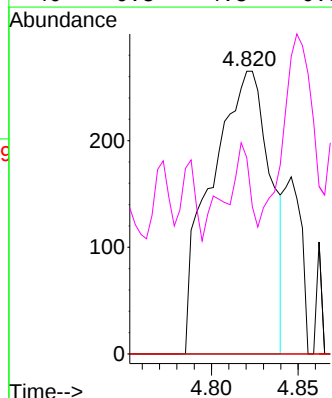
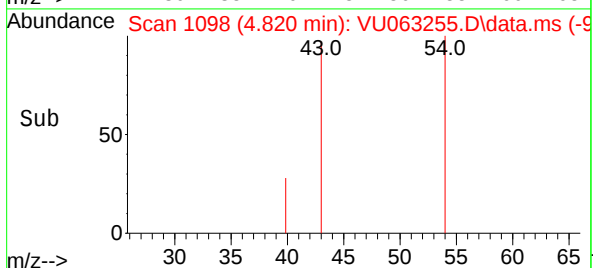
Tgt Ion: 73 Resp: 7652
Ion Ratio Lower Upper
73 100
87 17.7 18.9 28.3#
71 12.5 9.0 13.4

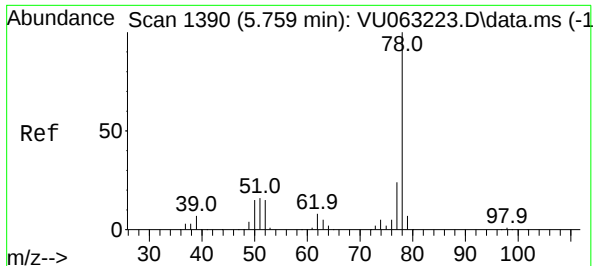


#34
Propionitrile
Concen: 0.617 ug/l
RT: 4.820 min Scan# 1098
Delta R.T. 0.067 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30



Tgt Ion: 54 Resp: 630
Ion Ratio Lower Upper
54 100
52 0.0 16.3 24.5#
55 0.0 11.8 17.6#
40 6.3 4.3 6.5





#35

Benzene

Concen: 0.259 ug/l

RT: 5.769 min Scan# 1390

Delta R.T. 0.009 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

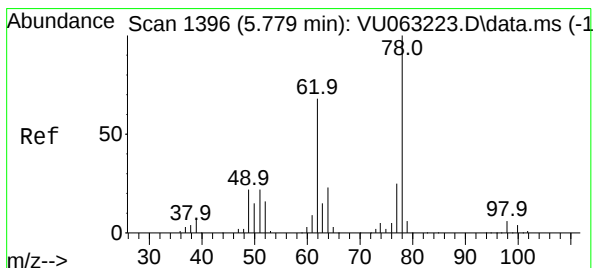
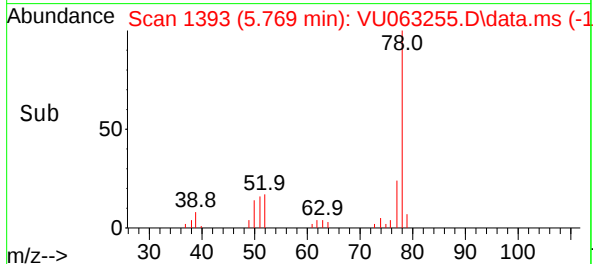
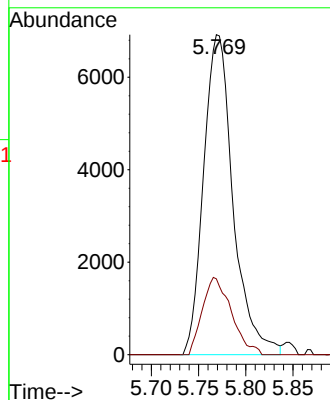
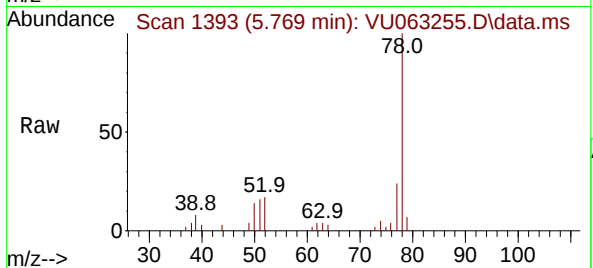
ClientSampleId :

Tgt Ion: 78 Resp: 15040

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#36

1,2-Dichloroethane

Concen: 0.256 ug/l

RT: 5.788 min Scan# 1399

Delta R.T. 0.009 min

Lab File: VU063255.D

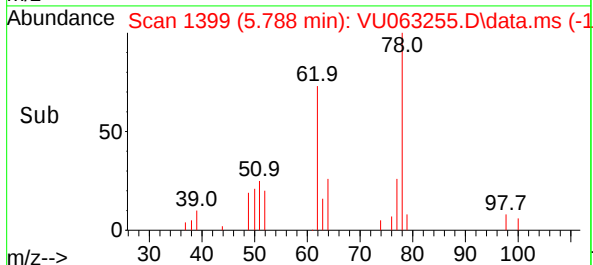
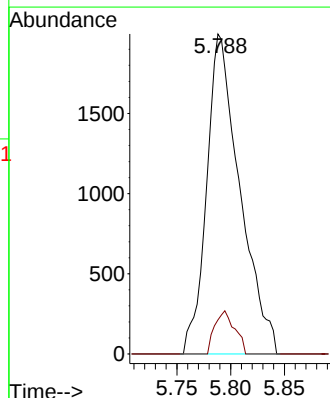
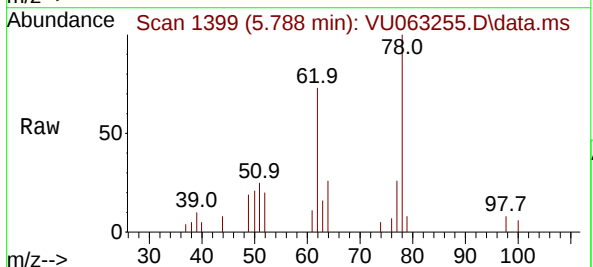
Acq: 12 Feb 2025 15:30

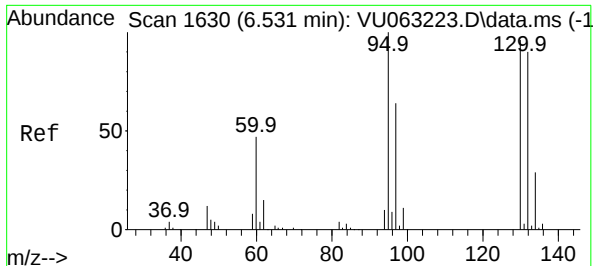
Tgt Ion: 62 Resp: 4289

Ion Ratio Lower Upper

62 100

98 8.1 6.9 10.3





#37

Trichloroethene

Concen: 0.289 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

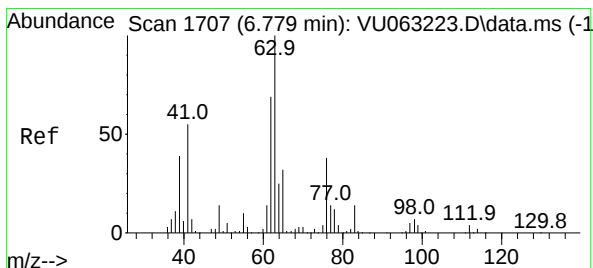
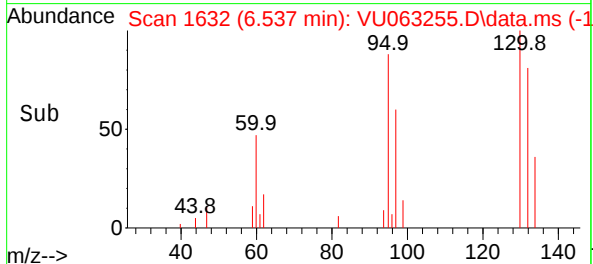
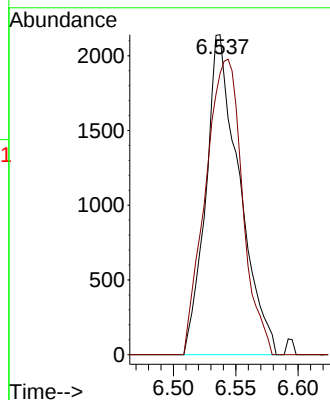
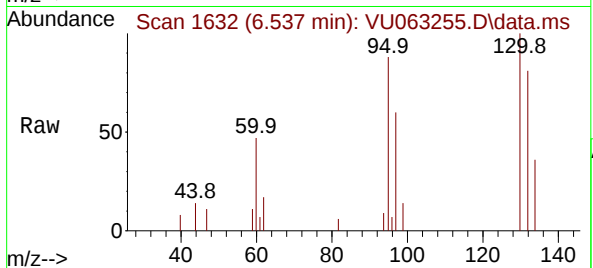
ClientSampleId :

Tgt Ion:130 Resp: 3998

Ion Ratio Lower Upper

130 100

95 87.8 83.2 124.8



#38

1,2-Dichloropropane

Concen: 0.256 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU063255.D

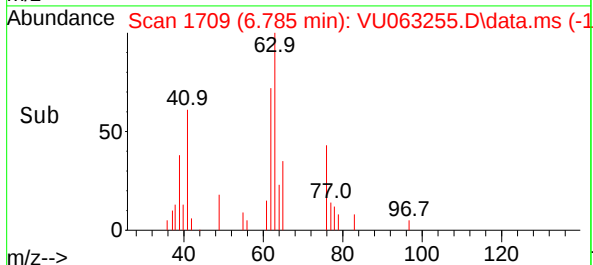
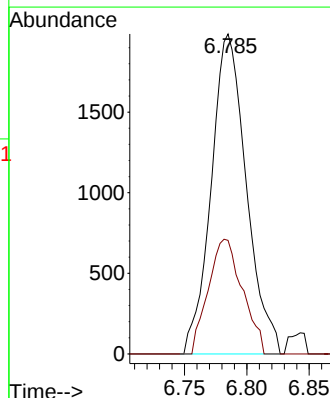
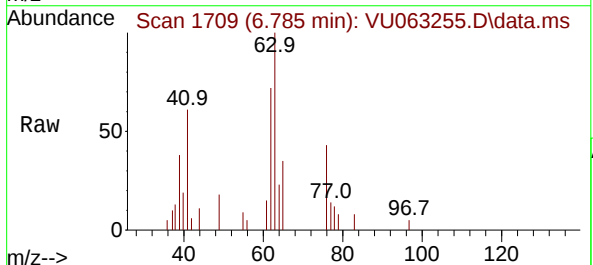
Acq: 12 Feb 2025 15:30

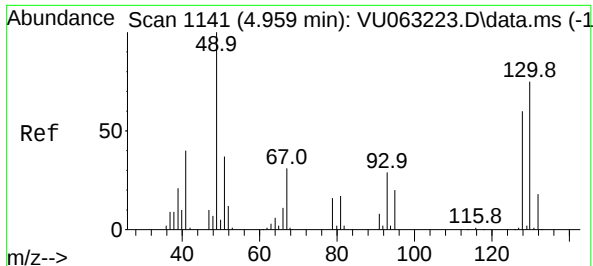
Tgt Ion: 63 Resp: 3897

Ion Ratio Lower Upper

63 100

65 35.5 25.3 37.9





#39

Methacrylonitrile

Concen: 0.129 ug/l

RT: 5.000 min Scan# 1141

Delta R.T. 0.042 min

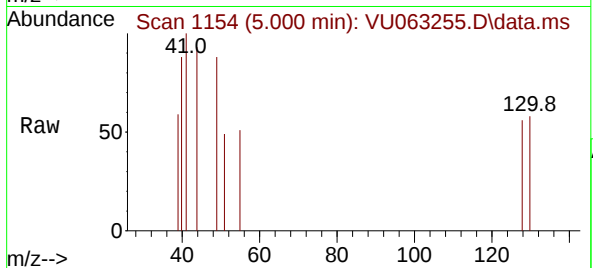
Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 491

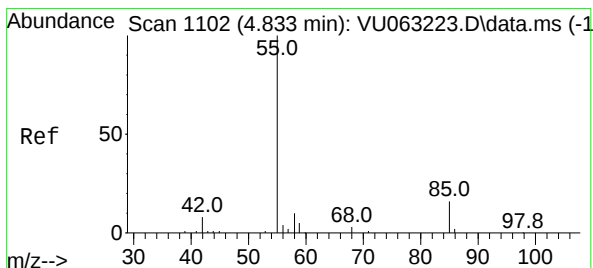
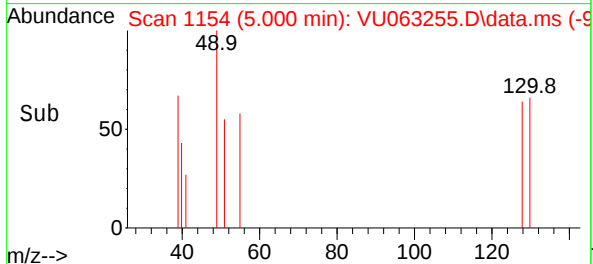
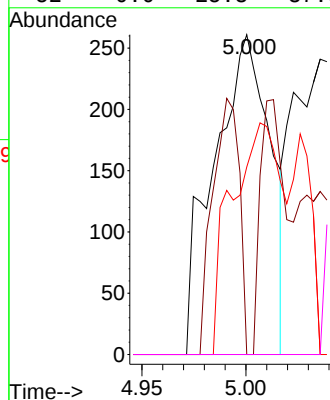
Ion Ratio Lower Upper

41 100

67 36.7 64.5 96.7#

39 64.6 43.0 64.6#

52 0.0 25.3 37.9#



#40

Methyl acrylate

Concen: 0.034 ug/l

RT: 4.891 min Scan# 1120

Delta R.T. 0.058 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion: 55 Resp: 241

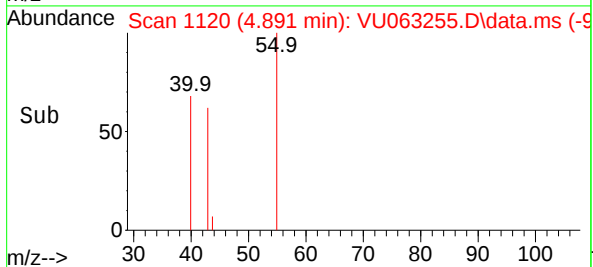
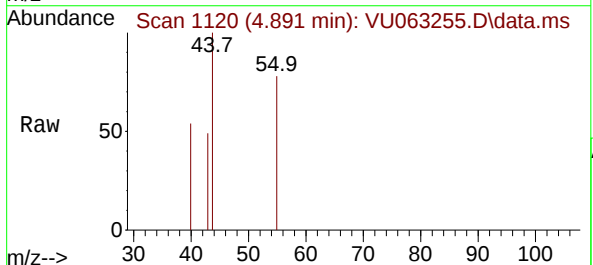
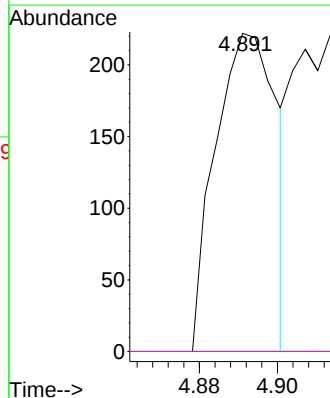
Ion Ratio Lower Upper

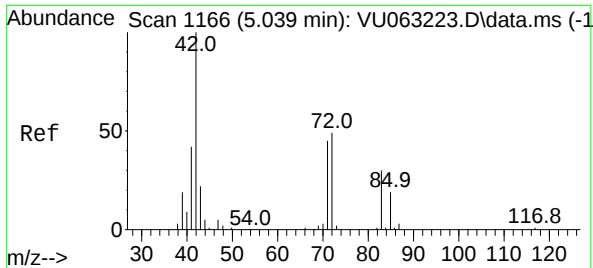
55 100

85 0.0 13.3 19.9#

58 0.0 7.3 10.9#

42 29.9 6.9 10.3#





#41

Tetrahydrofuran

Concen: 0.499 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.026 min

Lab File: VU063255.D

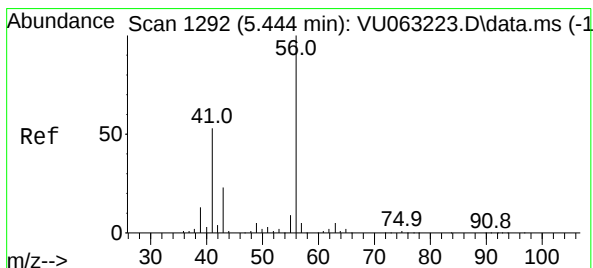
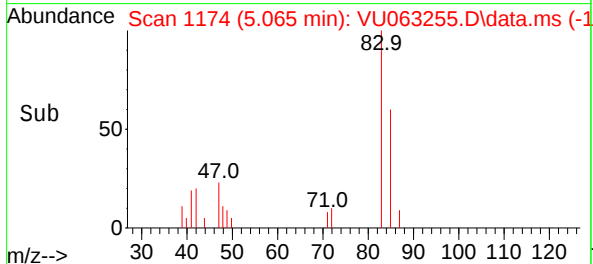
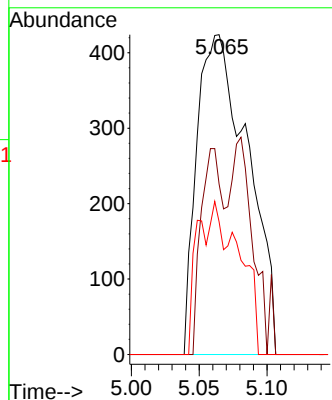
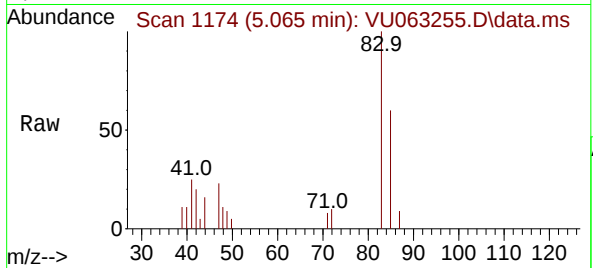
Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	1104
Ion	Ratio	Lower	Upper
42	100		
72	26.7	41.5	62.3#
71	11.1	37.2	55.8#



#42

1-Chlorobutane

Concen: 0.245 ug/l

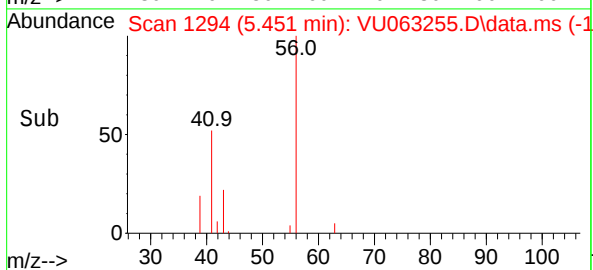
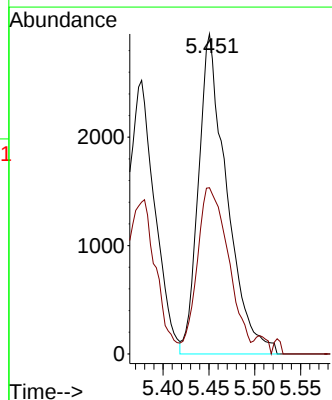
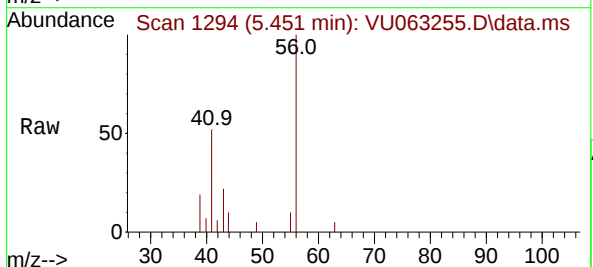
RT: 5.451 min Scan# 1294

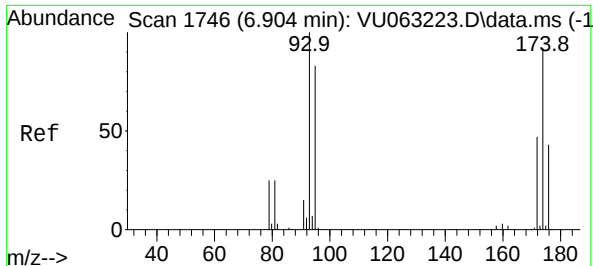
Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:	56	Resp:	6330
Ion	Ratio	Lower	Upper
56	100		
41	57.6	26.3	78.8





#43

Dibromomethane

Concen: 0.275 ug/l

RT: 6.913 min Scan# 1

Delta R.T. 0.009 min

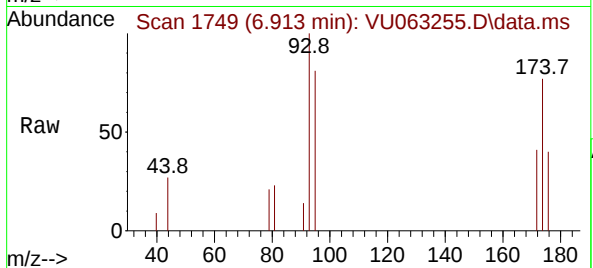
Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :



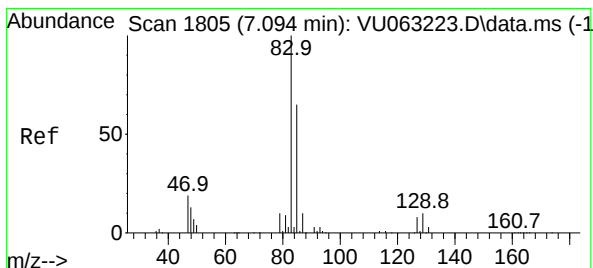
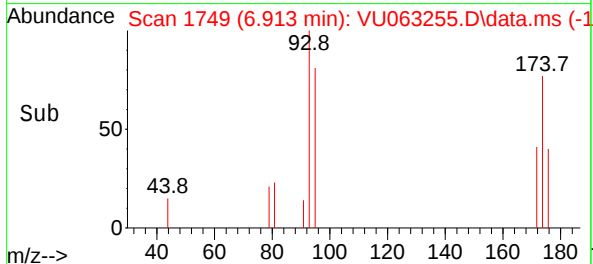
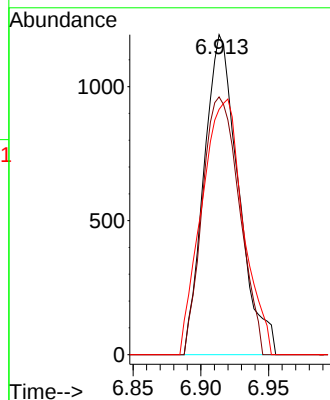
Tgt Ion: 93 Resp: 2115

Ion Ratio Lower Upper

93 100

95 86.4 67.2 100.8

174 95.4 75.7 113.5



#44

Bromodichloromethane

Concen: 0.287 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

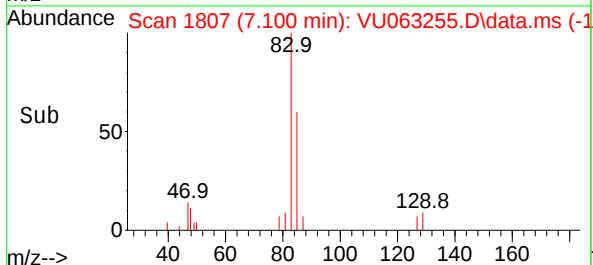
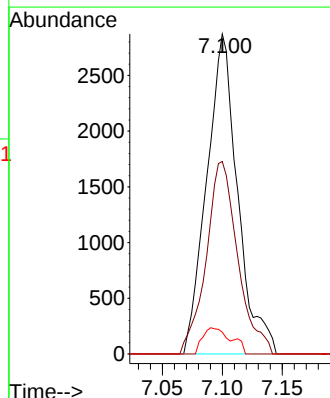
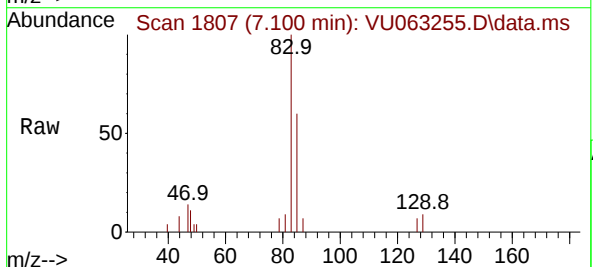
Tgt Ion: 83 Resp: 5138

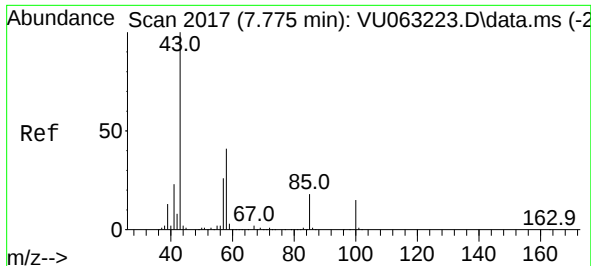
Ion Ratio Lower Upper

83 100

85 60.2 51.7 77.5

127 6.8 6.7 10.1

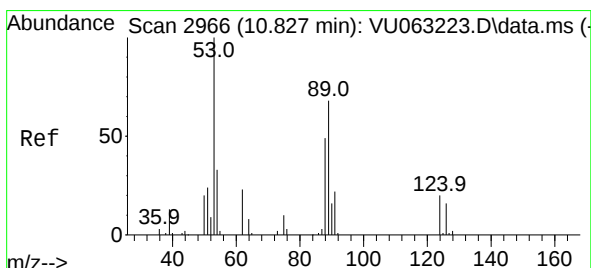
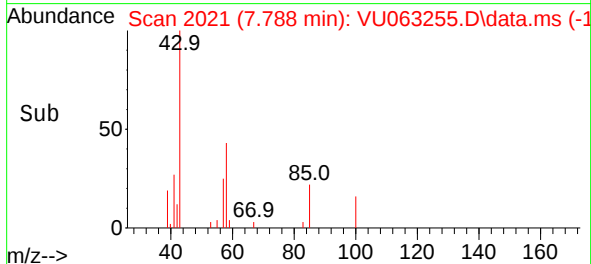
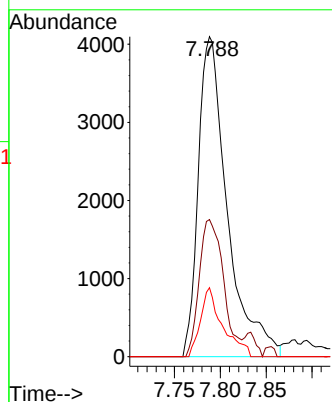
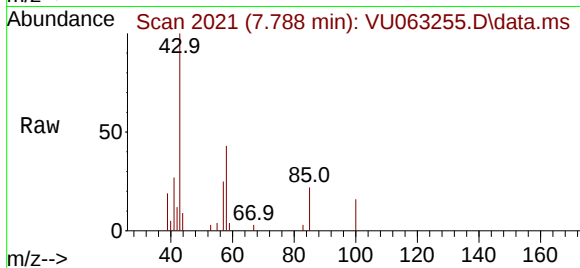




#45
4-Methyl-2-Pentanone
Concen: 1.115 ug/l
RT: 7.788 min Scan# 2017
Delta R.T. 0.013 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

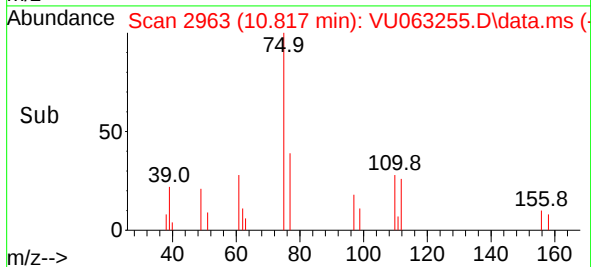
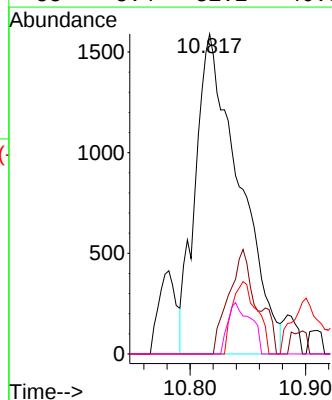
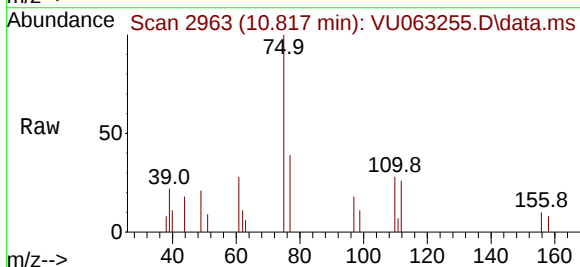
Instrument :
MSVOA_U
ClientSampleId :

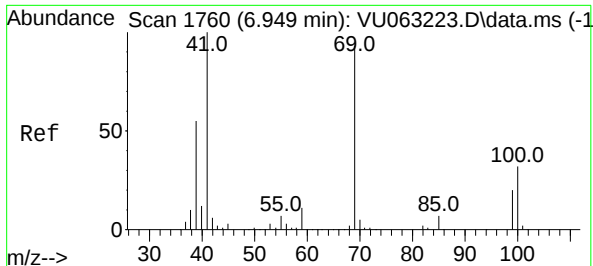
Tgt Ion:	43	Resp:	9002
Ion	Ratio	Lower	Upper
43	100		
58	35.9	20.8	62.5
85	16.4	14.8	22.2



#46
t-1,4-Dichloro-2-butene
Concen: 1.105 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:	75	Resp:	4194
Ion	Ratio	Lower	Upper
75	100		
53	21.1	64.5	96.7#
89	12.6	43.4	65.2#
88	8.4	31.2	46.8#





#47

Methyl methacrylate

Concen: 0.346 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.019 min

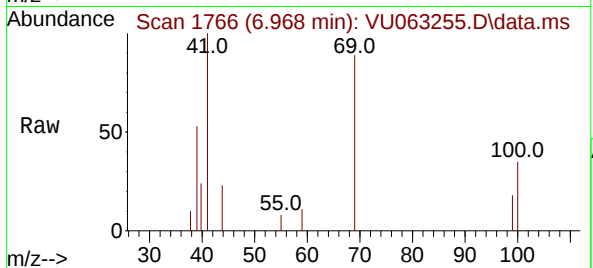
Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 2243

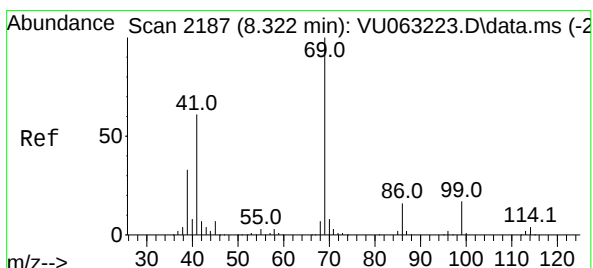
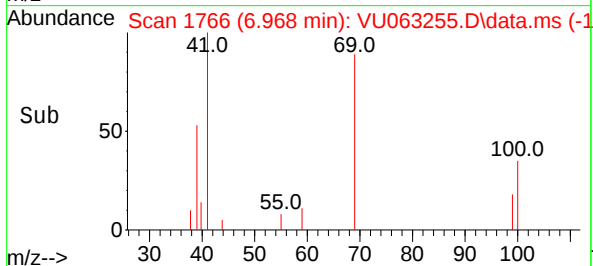
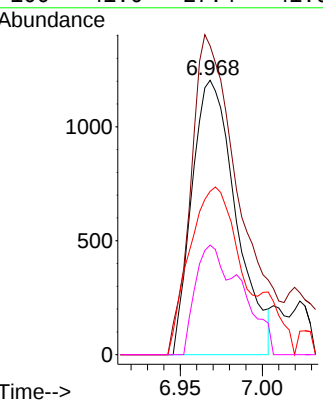
Ion Ratio Lower Upper

69 100

41 129.4 0.0 217.0

39 69.0 47.7 71.5

100 41.6 27.4 41.0#



#48

Ethyl methacrylate

Concen: 0.192 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.016 min

Lab File: VU063255.D

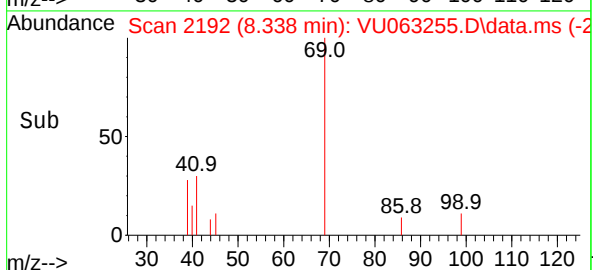
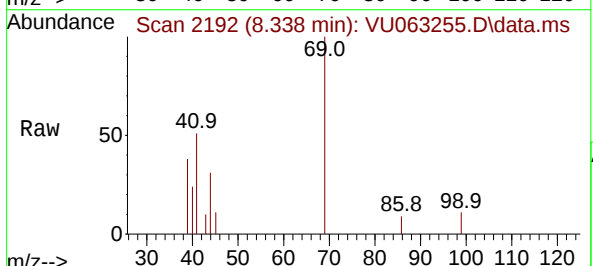
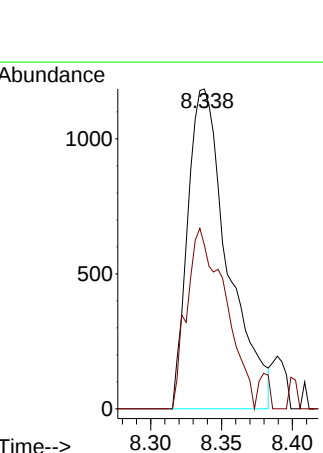
Acq: 12 Feb 2025 15:30

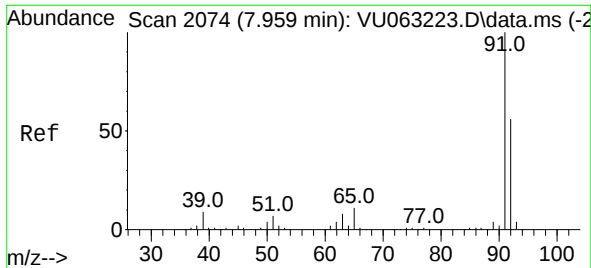
Tgt Ion: 69 Resp: 2334

Ion Ratio Lower Upper

69 100

41 54.2 30.6 92.0

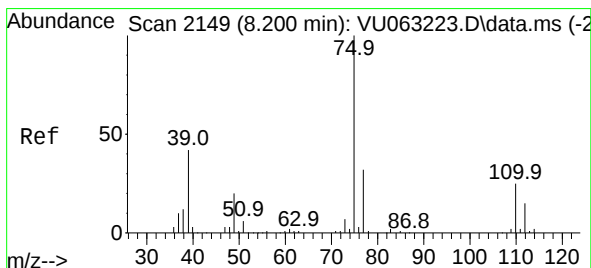
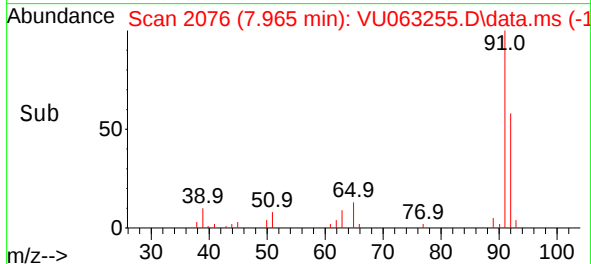
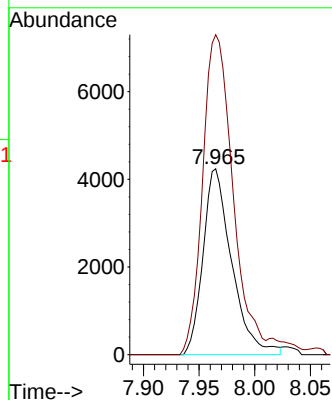
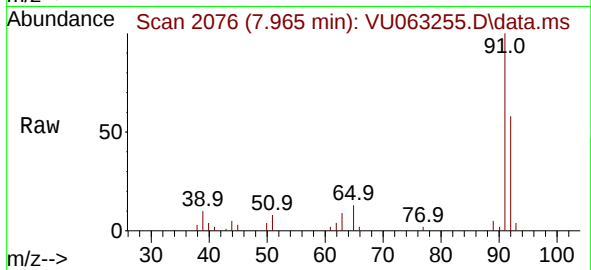




#49
Toluene
Concen: 0.227 ug/l
RT: 7.965 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

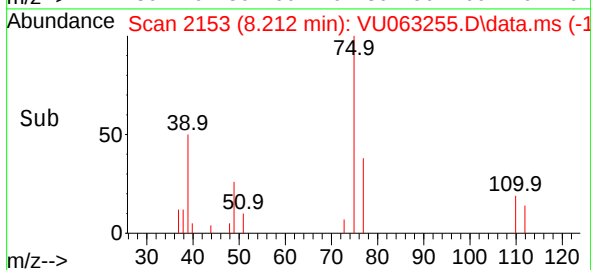
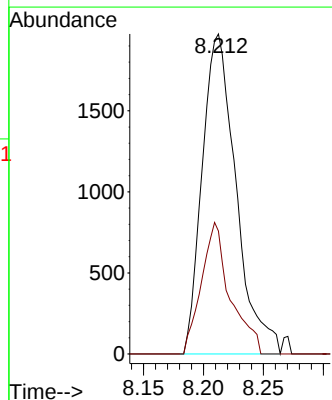
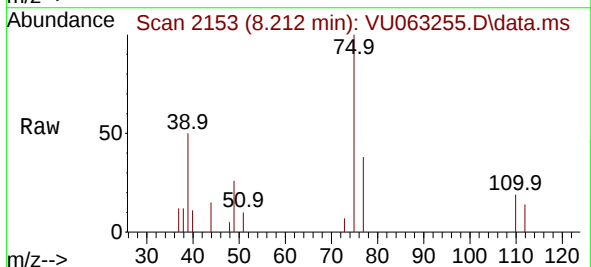
Instrument :
MSVOA_U
ClientSampleId :

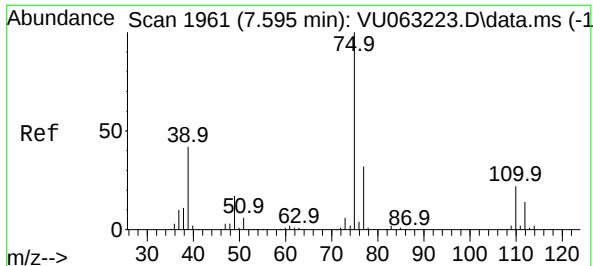
Tgt Ion: 92 Resp: 7600
Ion Ratio Lower Upper
92 100
91 180.9 141.8 212.6



#50
t-1,3-Dichloropropene
Concen: 0.236 ug/l
RT: 8.212 min Scan# 2153
Delta R.T. 0.013 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 75 Resp: 3870
Ion Ratio Lower Upper
75 100
77 38.4 25.9 38.9

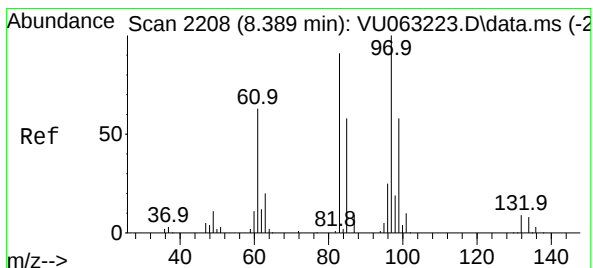
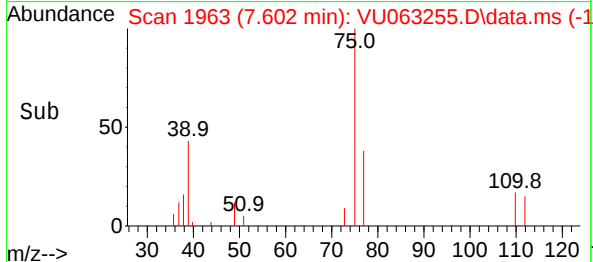
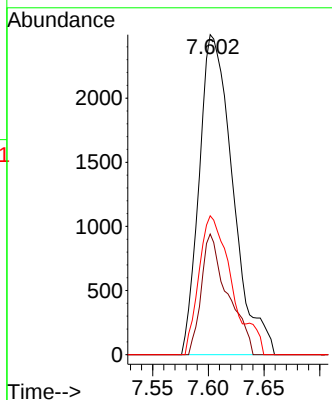
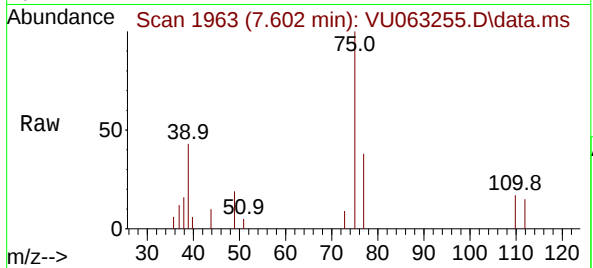




#51
 cis-1,3-Dichloropropene
 Concen: 0.258 ug/l
 RT: 7.602 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

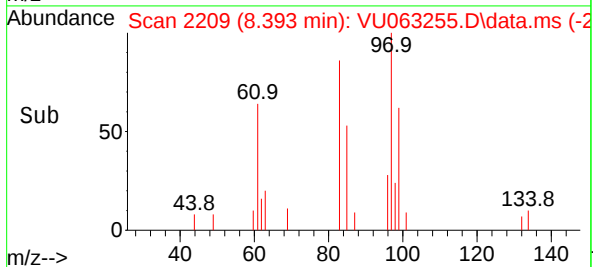
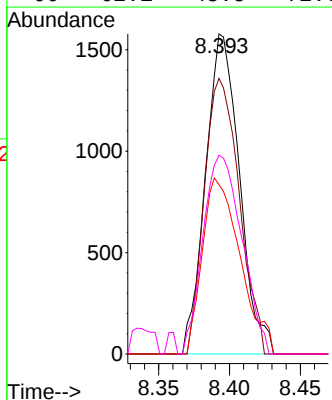
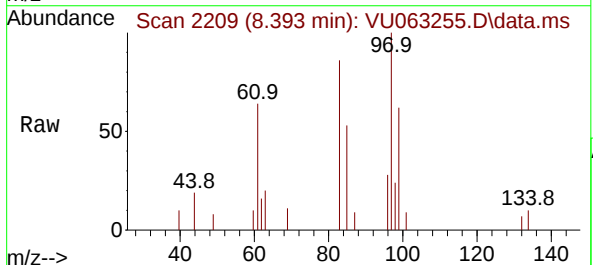
Instrument :
 MSVOA_U
 ClientSampleId :

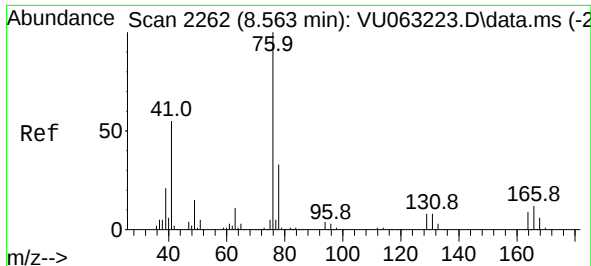
Tgt Ion: 75 Resp: 5236
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.3 37.9
 39 43.4 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 0.254 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

Tgt Ion: 97 Resp: 2639
 Ion Ratio Lower Upper
 97 100
 83 86.1 73.0 109.4
 85 52.9 46.3 69.5
 99 62.1 48.5 72.7





#53

1,3-Dichloropropane

Concen: 0.255 ug/l

RT: 8.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

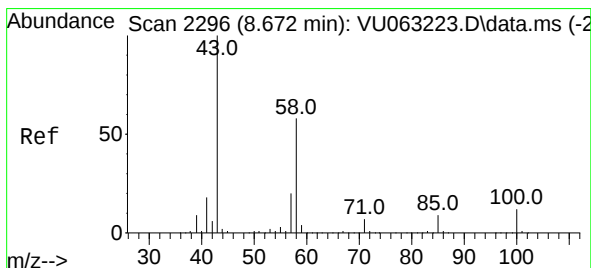
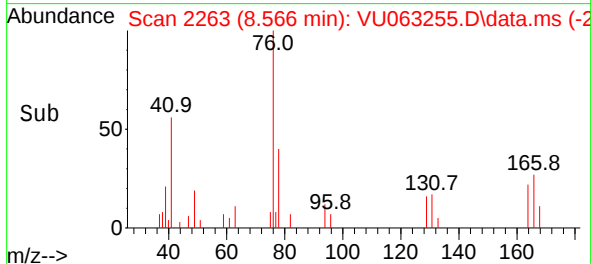
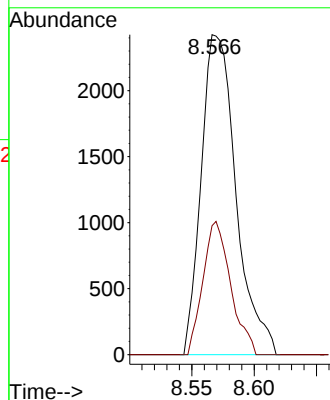
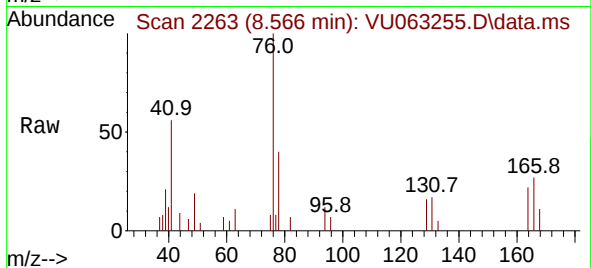
ClientSampleId :

Tgt Ion: 76 Resp: 4707

Ion Ratio Lower Upper

76 100

78 33.2 26.3 39.5



#54

2-Hexanone

Concen: 0.818 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.019 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

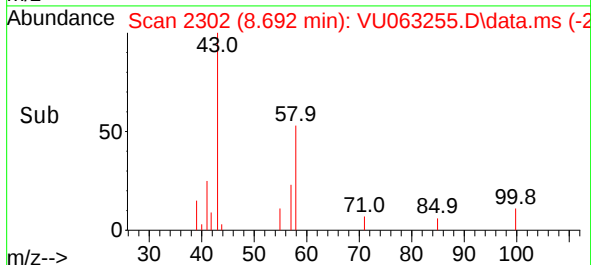
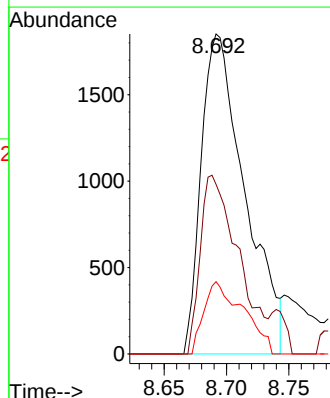
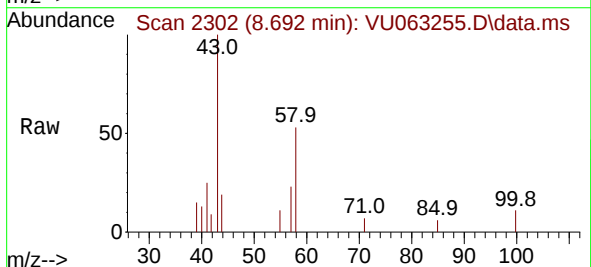
Tgt Ion: 43 Resp: 4504

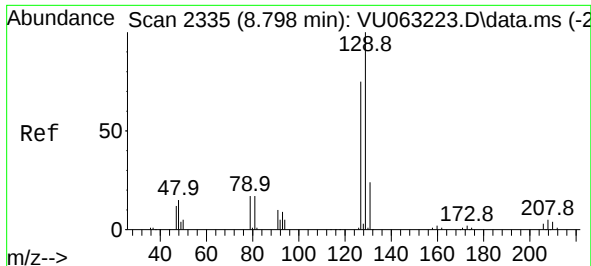
Ion Ratio Lower Upper

43 100

58 48.9 38.0 78.0

57 20.4 0.0 39.1





#55

Dibromochloromethane

Concen: 0.263 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

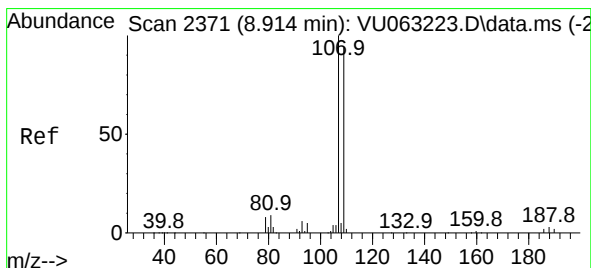
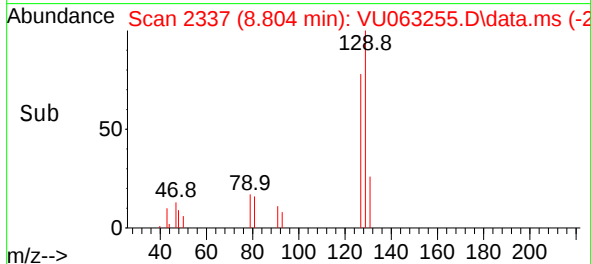
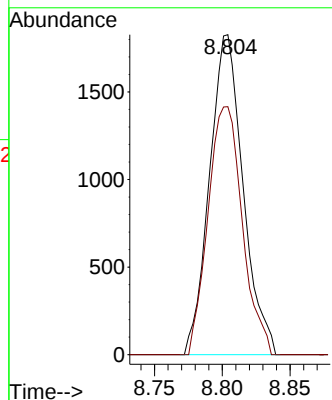
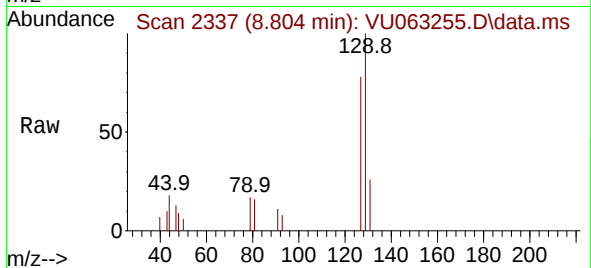
ClientSampleId :

Tgt Ion:129 Resp: 3146

Ion Ratio Lower Upper

129 100

127 79.2 60.4 90.6



#56

1,2-Dibromoethane

Concen: 0.269 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.006 min

Lab File: VU063255.D

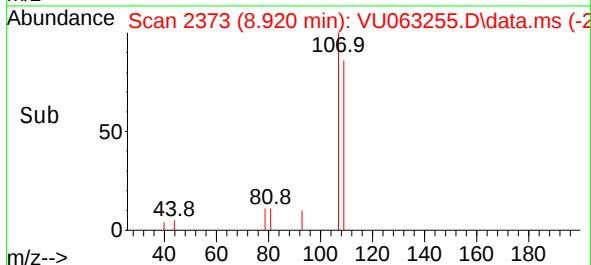
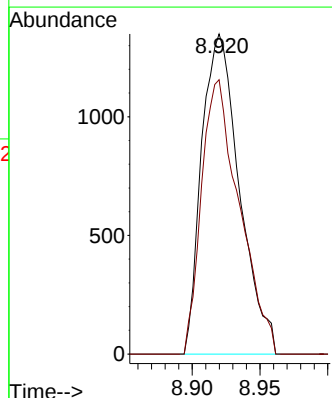
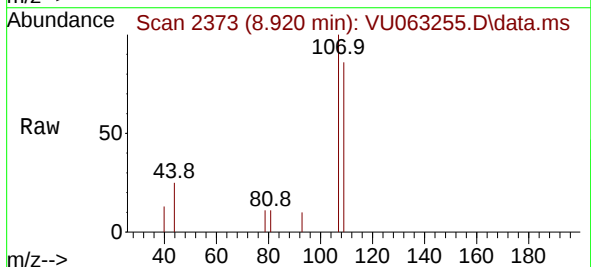
Acq: 12 Feb 2025 15:30

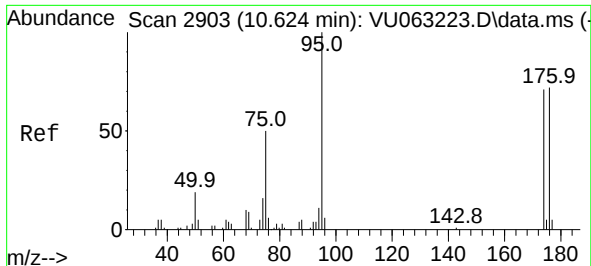
Tgt Ion:107 Resp: 2616

Ion Ratio Lower Upper

107 100

109 85.9 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.864 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

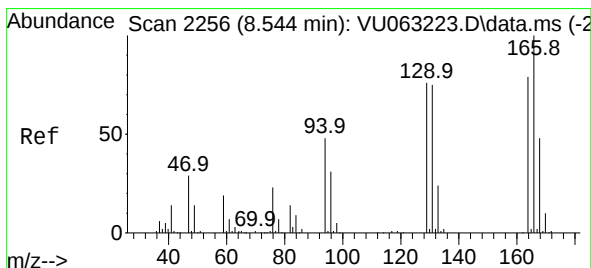
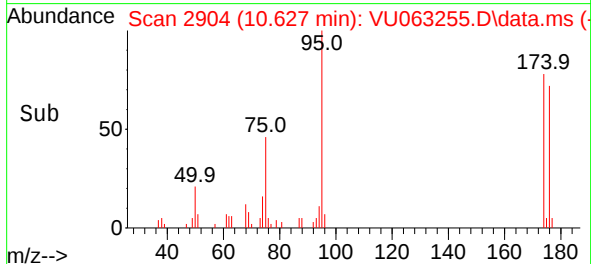
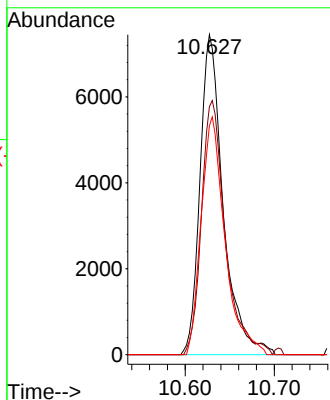
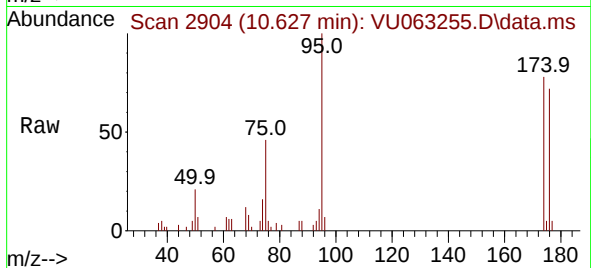
Tgt Ion: 95 Resp: 13480

Ion Ratio Lower Upper

95 100

174 81.5 58.6 88.0

176 76.4 58.2 87.4



#58

Tetrachloroethene

Concen: 0.292 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion: 164 Resp: 3324

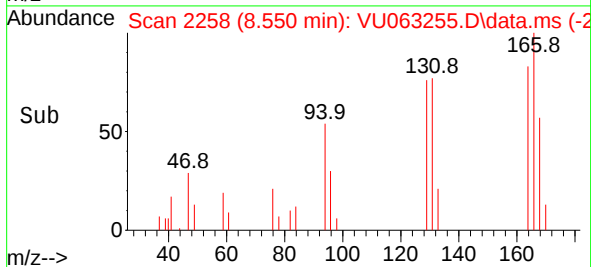
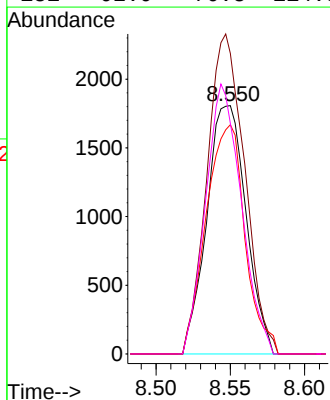
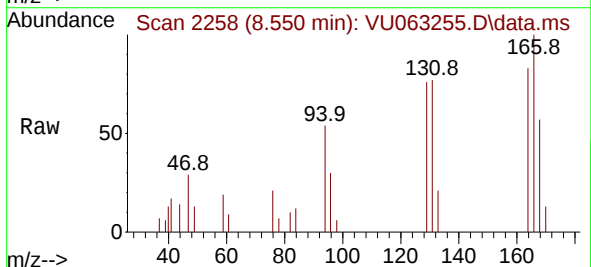
Ion Ratio Lower Upper

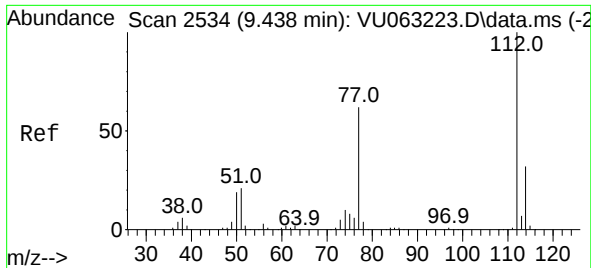
164 100

166 121.0 101.4 152.0

129 92.4 77.0 115.4

131 92.9 76.3 114.5





#59

Chlorobenzene

Concen: 0.269 ug/l

RT: 9.447 min Scan# 2537

Delta R.T. 0.009 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

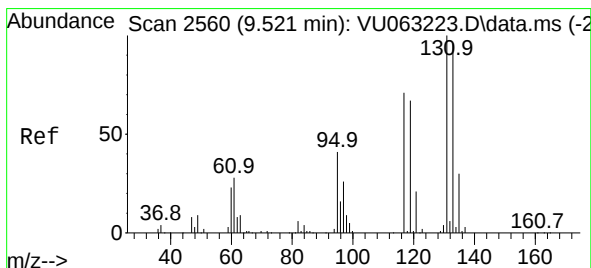
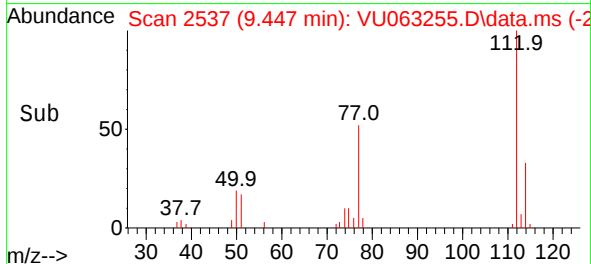
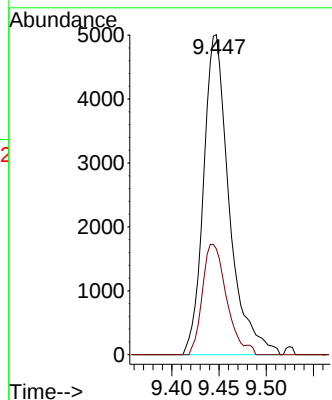
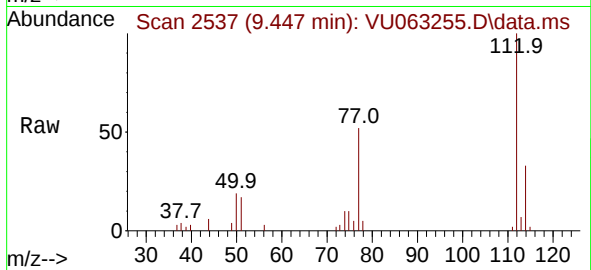
ClientSampleId :

Tgt Ion:112 Resp: 9470

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 0.267 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

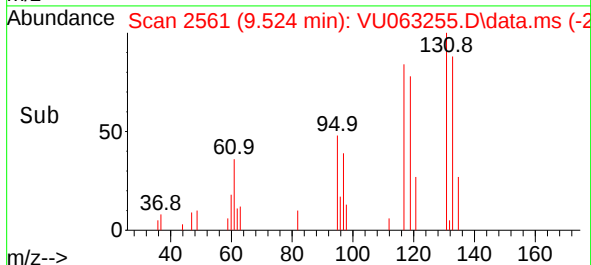
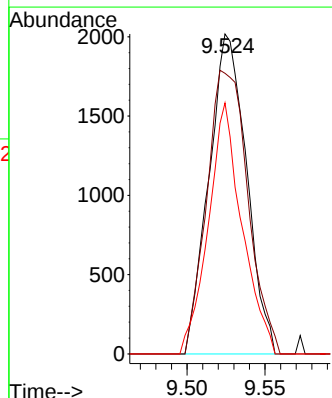
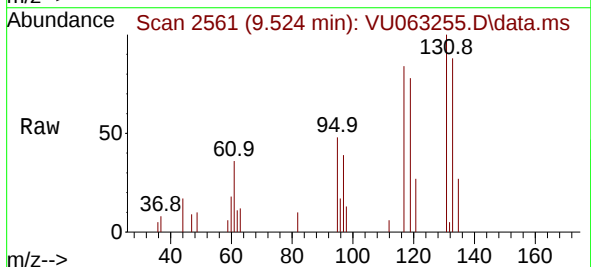
Tgt Ion:131 Resp: 3380

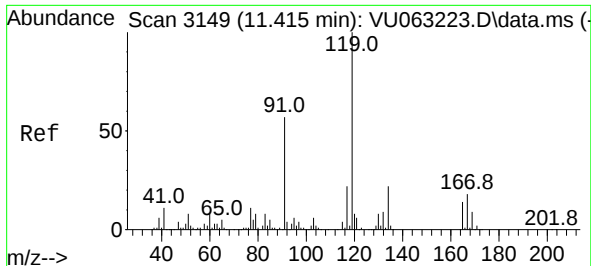
Ion Ratio Lower Upper

131 100

133 97.1 76.7 115.1

119 70.3 54.4 81.6

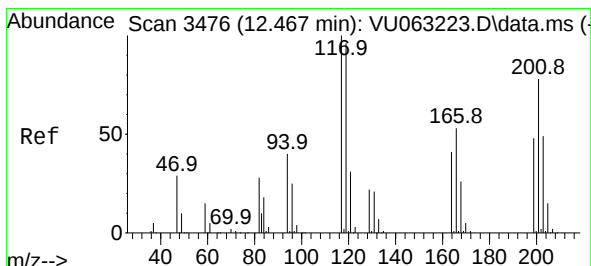
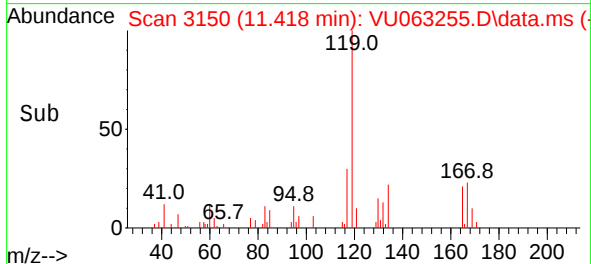
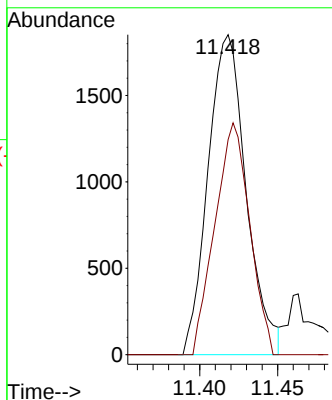
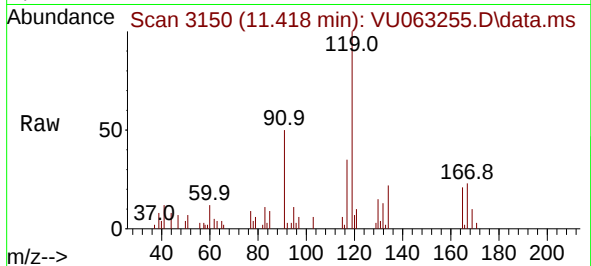




#61
Pentachloroethane
Concen: 0.278 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

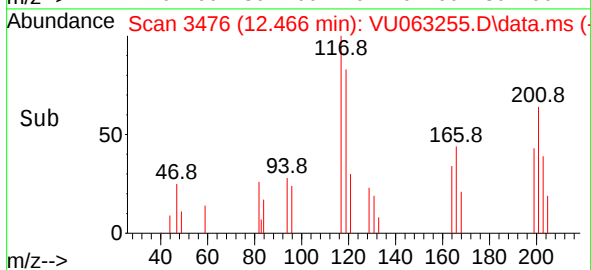
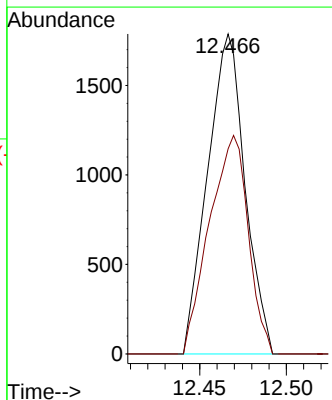
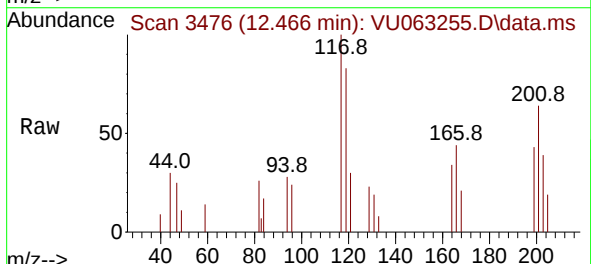
Instrument :
MSVOA_U
ClientSampleId :

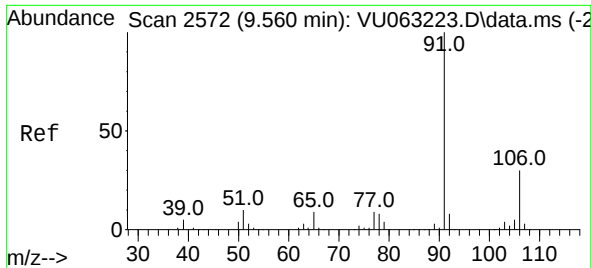
Tgt Ion:117 Resp: 3150
Ion Ratio Lower Upper
117 100
167 66.0 65.0 97.6



#62
Hexachloroethane
Concen: 0.268 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:117 Resp: 2679
Ion Ratio Lower Upper
117 100
201 71.0 61.3 91.9





#63

Ethyl Benzene

Concen: 0.229 ug/l

RT: 9.566 min Scan# 2

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

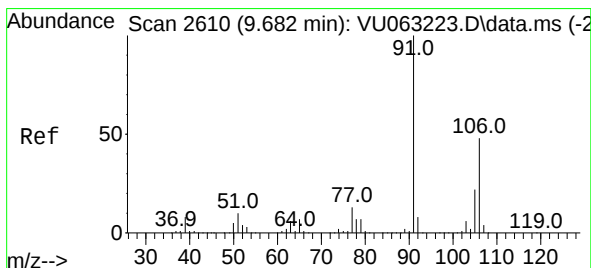
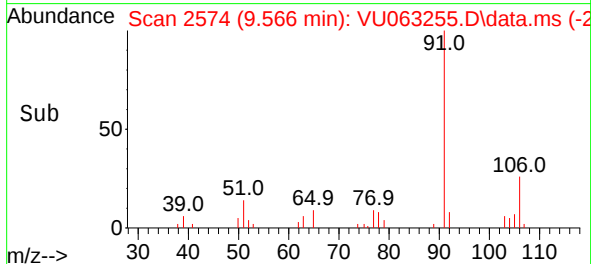
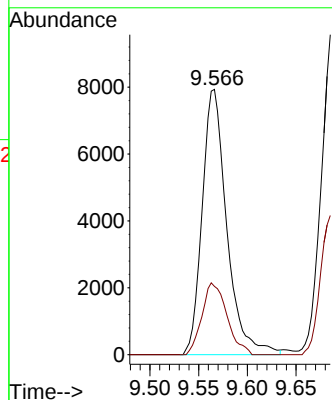
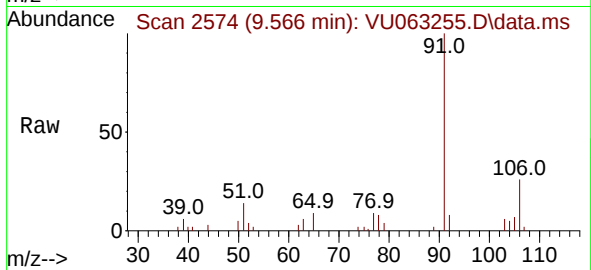
ClientSampleId :

Tgt Ion: 91 Resp: 13941

Ion Ratio Lower Upper

91 100

106 25.8 24.2 36.2



#64

m/p-Xylenes

Concen: 0.398 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.009 min

Lab File: VU063255.D

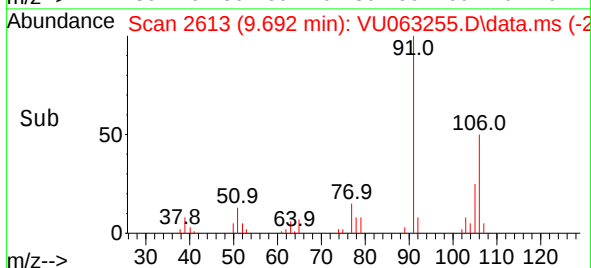
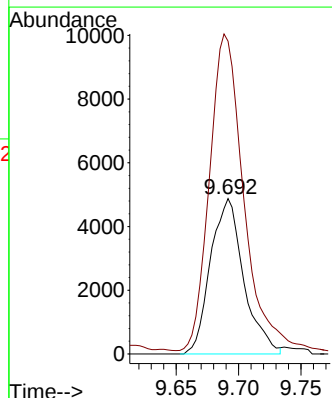
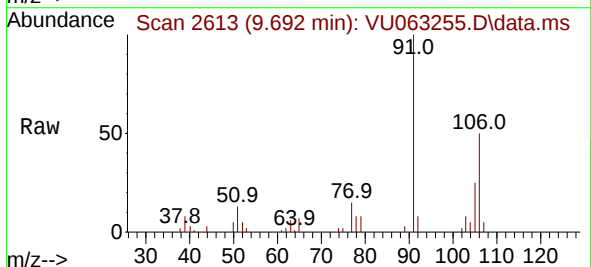
Acq: 12 Feb 2025 15:30

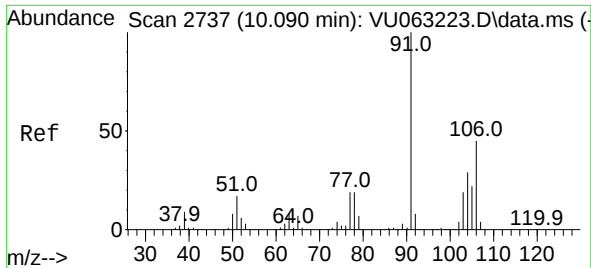
Tgt Ion:106 Resp: 9050

Ion Ratio Lower Upper

106 100

91 217.9 166.9 250.3

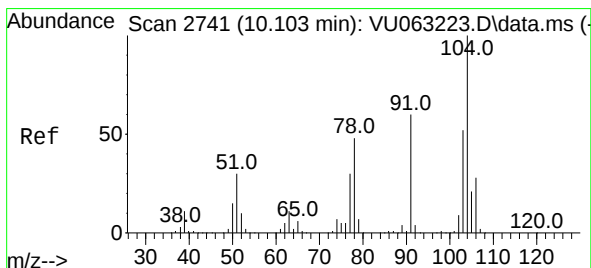
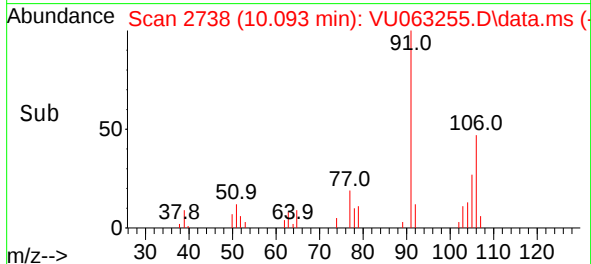
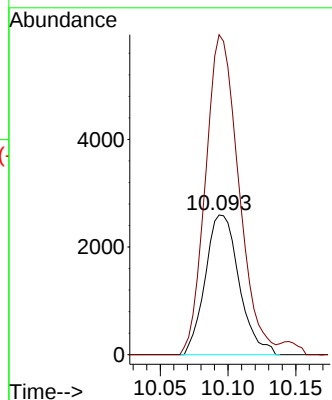
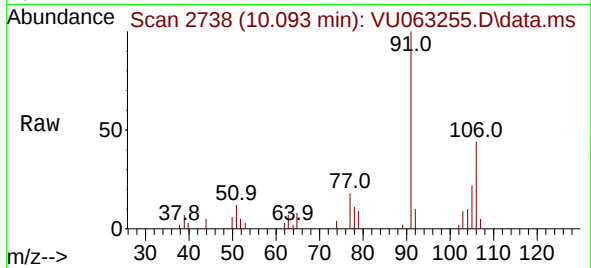




#65
o-Xylene
Concen: 0.203 ug/l
RT: 10.093 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

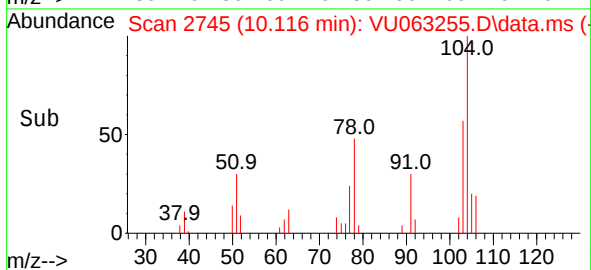
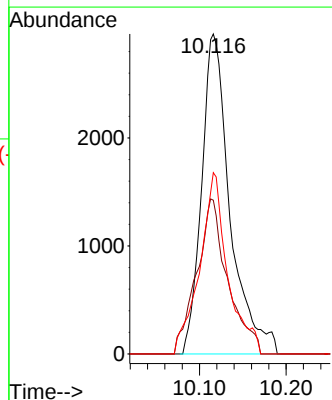
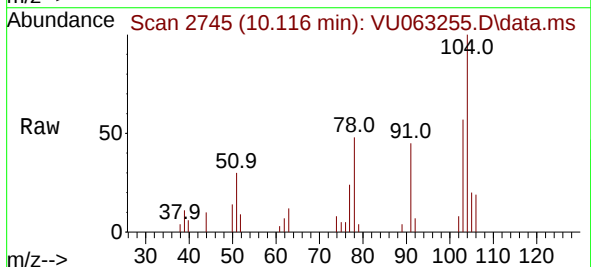
Instrument :
MSVOA_U
ClientSampleId :

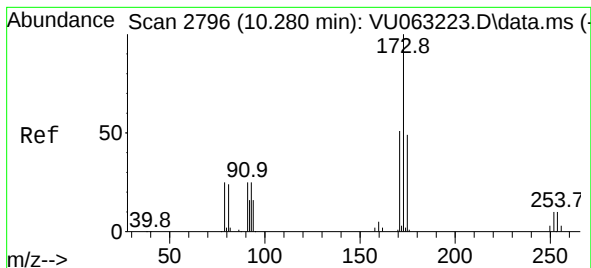
Tgt Ion:106 Resp: 4509
Ion Ratio Lower Upper
106 100
91 224.6 110.9 332.9



#66
Styrene
Concen: 0.191 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.013 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:104 Resp: 6746
Ion Ratio Lower Upper
104 100
78 53.0 41.2 61.8
103 55.7 44.8 67.2





#67

Bromoform

Concen: 0.257 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

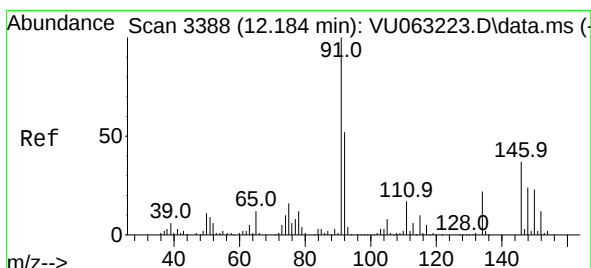
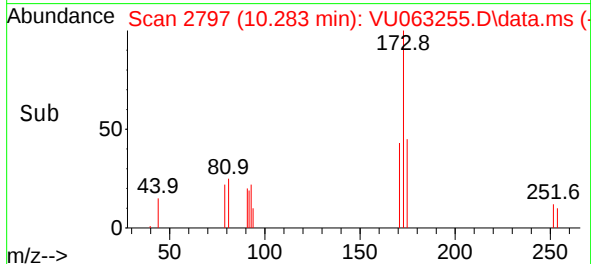
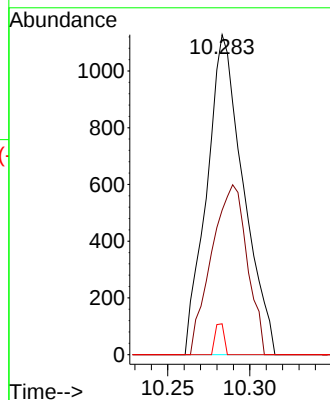
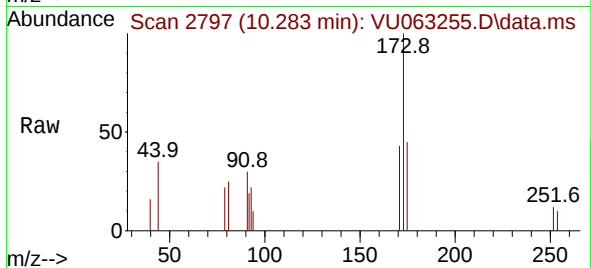
Tgt Ion:173 Resp: 1739

Ion Ratio Lower Upper

173 100

175 51.9 39.0 58.4

254 2.4 7.7 11.5#



#68

1,2-Dichlorobenzene-d4

Concen: 0.853 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

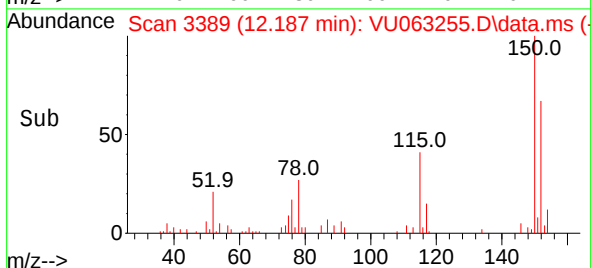
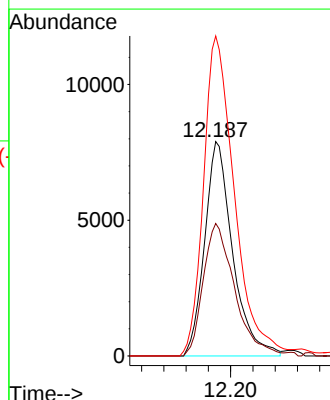
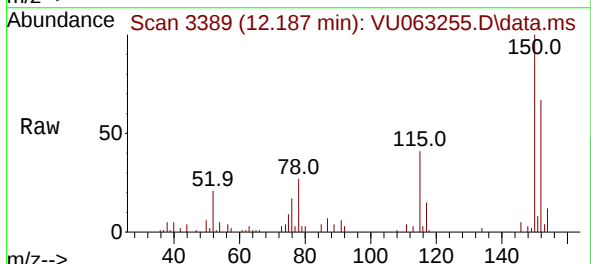
Tgt Ion:152 Resp: 13828

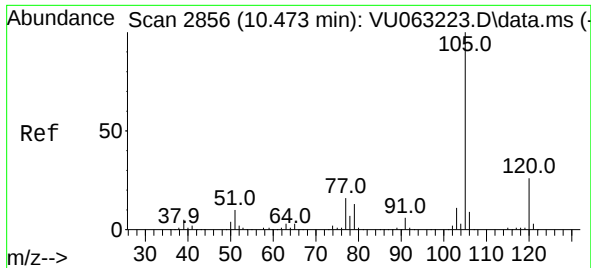
Ion Ratio Lower Upper

152 100

115 68.9 0.0 275.2

150 164.3 0.0 658.4

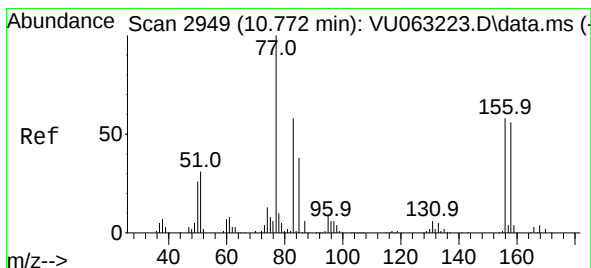
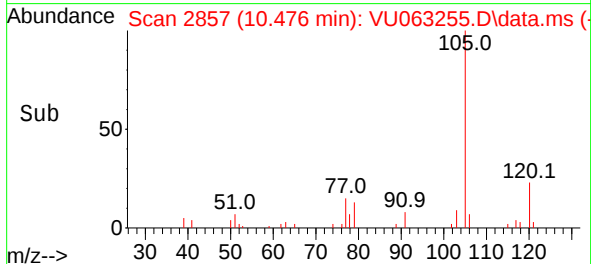
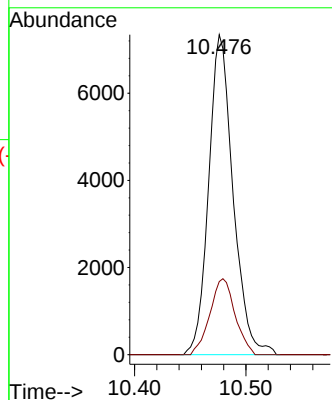
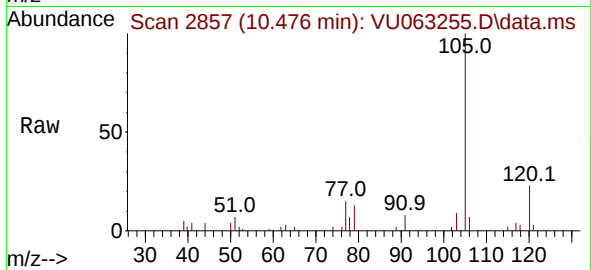




#69
Isopropylbenzene
Concen: 0.214 ug/l
RT: 10.476 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

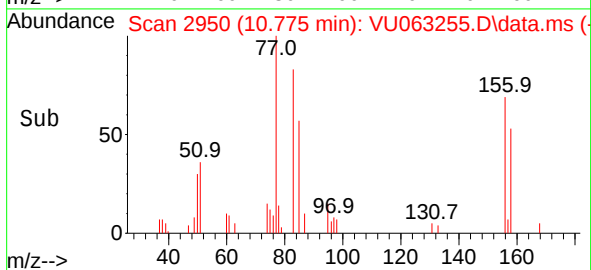
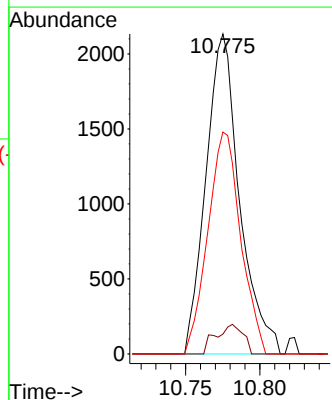
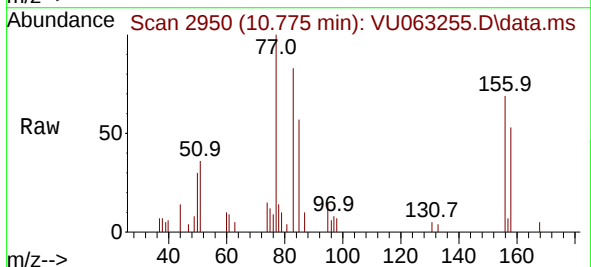
Instrument :
MSVOA_U
ClientSampleId :

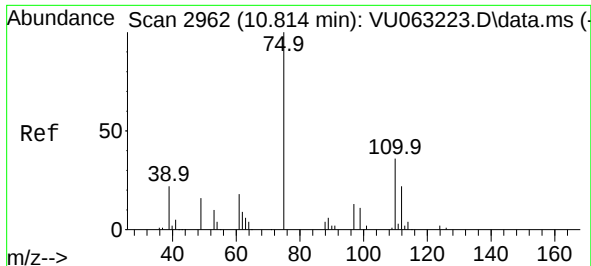
Tgt Ion:105 Resp: 11175
Ion Ratio Lower Upper
105 100
120 24.4 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 0.240 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 83 Resp: 3362
Ion Ratio Lower Upper
83 100
131 7.4 7.4 11.0
85 67.5 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 0.399 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 4194

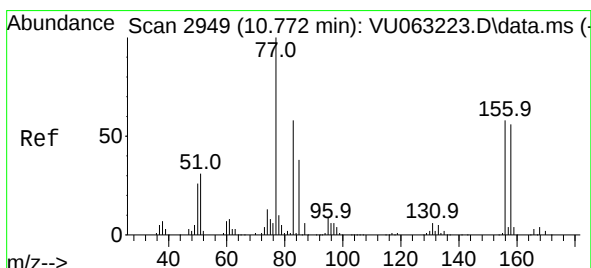
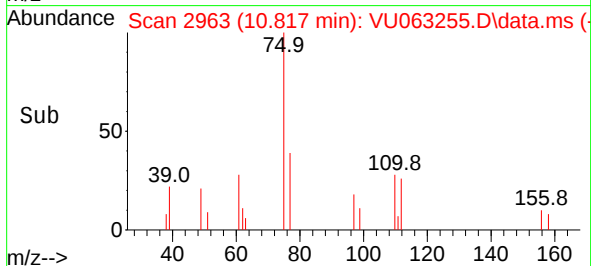
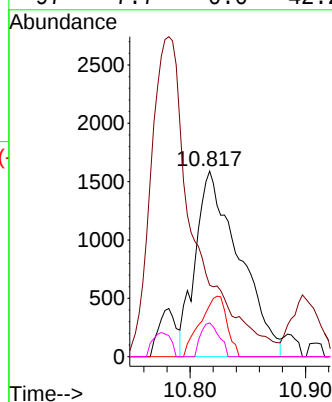
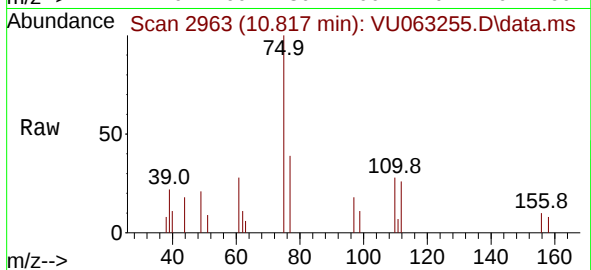
Ion Ratio Lower Upper

75 100

77 20.4 0.0 0.0#

110 19.8 0.0 77.0

97 7.7 0.0 42.2



#72

Bromobenzene

Concen: 0.265 ug/l

RT: 10.781 min Scan# 2952

Delta R.T. 0.009 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

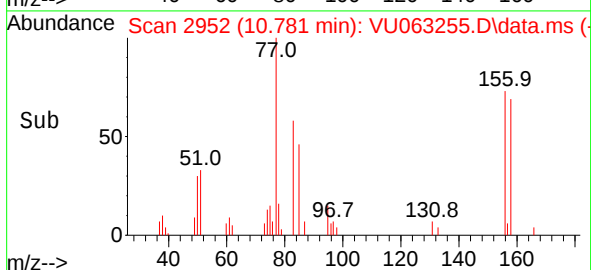
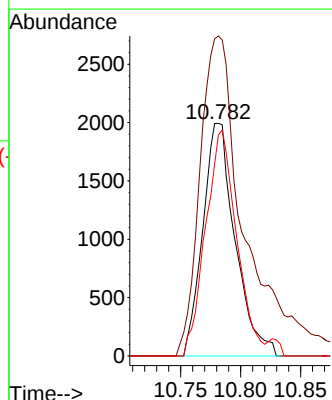
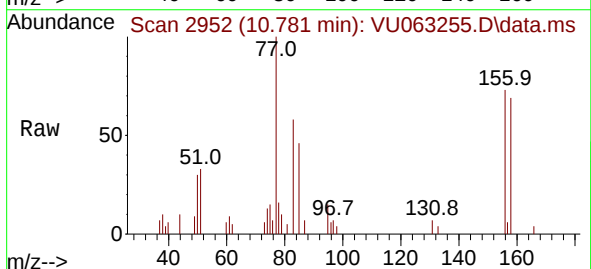
Tgt Ion: 156 Resp: 3732

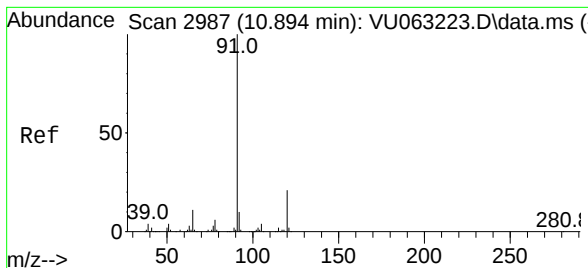
Ion Ratio Lower Upper

156 100

77 191.8 0.0 343.6

158 93.4 0.0 193.0





#73

n-propylbenzene

Concen: 0.271 ug/l

RT: 10.900 min Scan# 2987

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

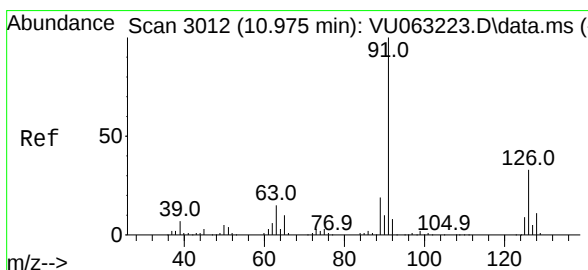
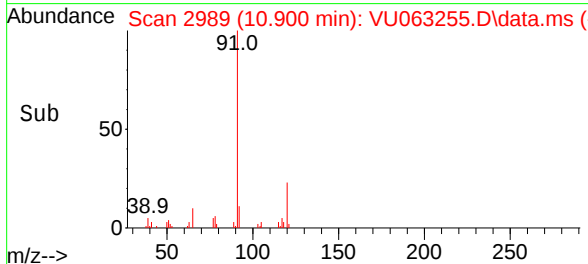
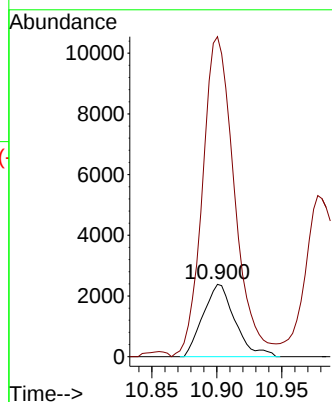
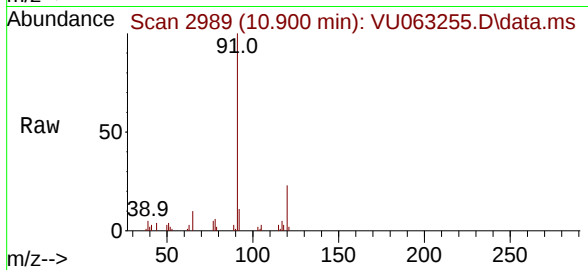
ClientSampleId :

Tgt Ion:120 Resp: 4061

Ion Ratio Lower Upper

120 100

91 444.8 369.8 554.6



#74

2-Chlorotoluene

Concen: 0.204 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.006 min

Lab File: VU063255.D

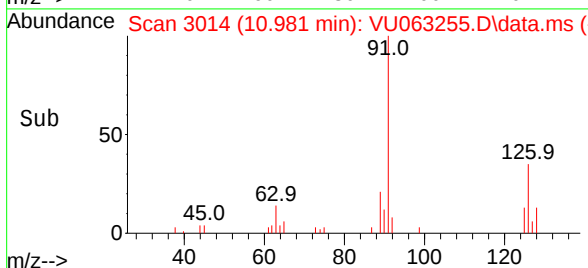
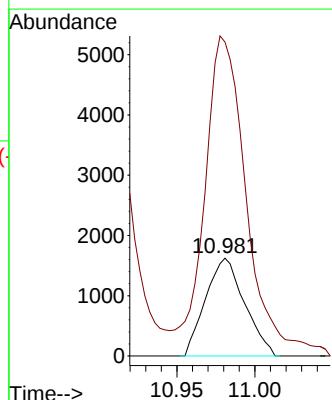
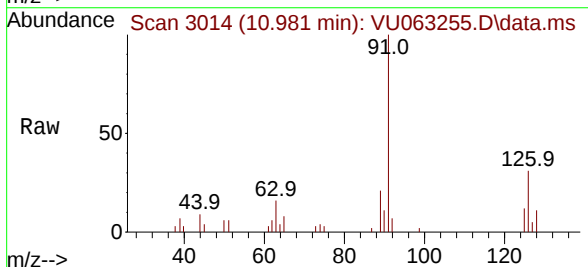
Acq: 12 Feb 2025 15:30

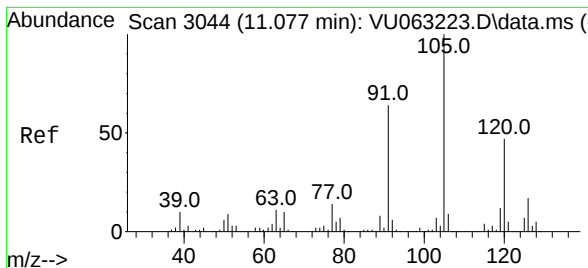
Tgt Ion:126 Resp: 2820

Ion Ratio Lower Upper

126 100

91 350.2 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 0.185 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

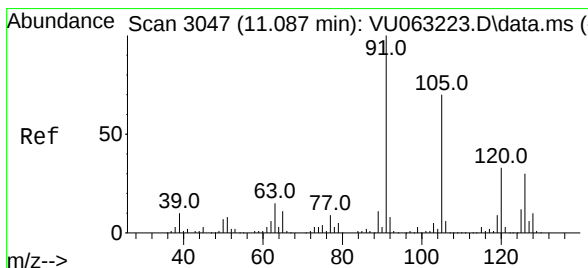
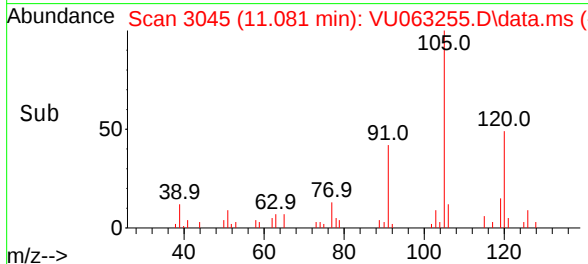
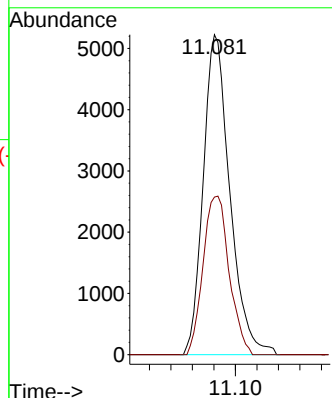
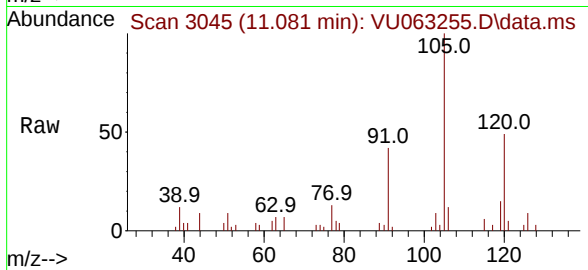
ClientSampleId :

Tgt Ion:105 Resp: 8974

Ion Ratio Lower Upper

105 100

120 48.6 37.3 55.9



#76

4-Chlorotoluene

Concen: 0.206 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.009 min

Lab File: VU063255.D

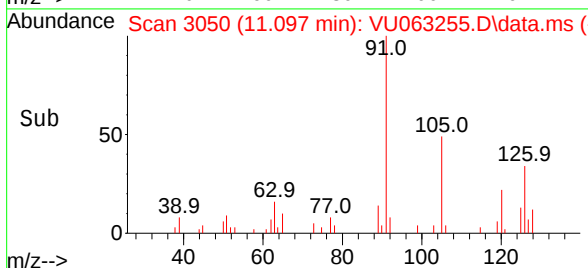
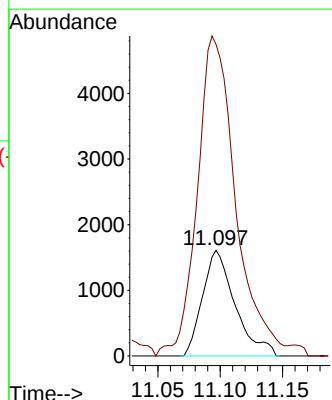
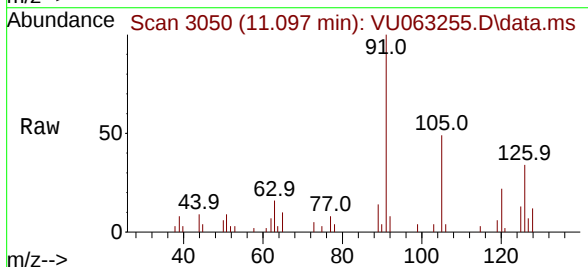
Acq: 12 Feb 2025 15:30

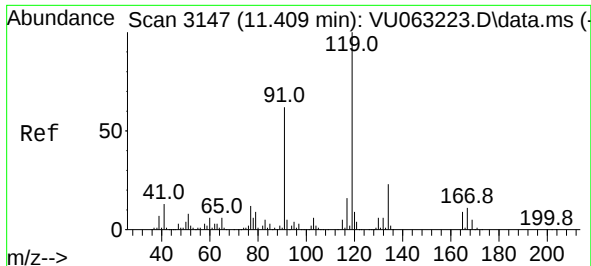
Tgt Ion:126 Resp: 2918

Ion Ratio Lower Upper

126 100

91 357.3 0.0 703.6





#77

tert-Butylbenzene

Concen: 0.213 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.003 min

Lab File: VU063255.D

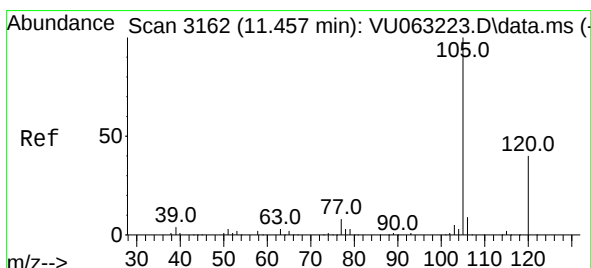
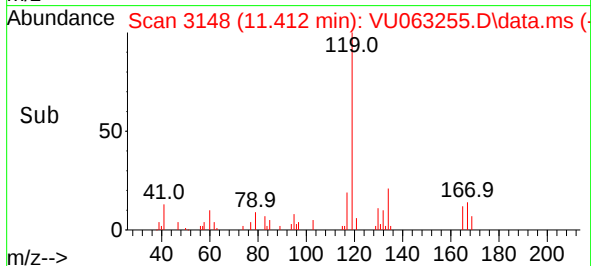
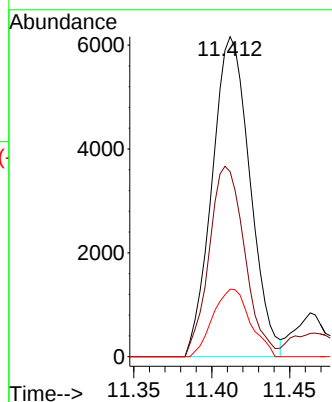
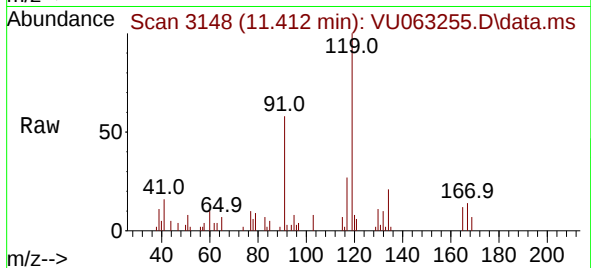
Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:119	Resp:	10415
Ion Ratio	Lower	Upper
119	100	
91	55.8	29.4 88.3
134	20.7	17.6 26.4



#78

1,2,4-Trimethylbenzene

Concen: 0.184 ug/l

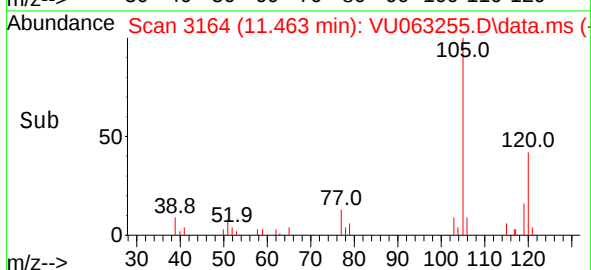
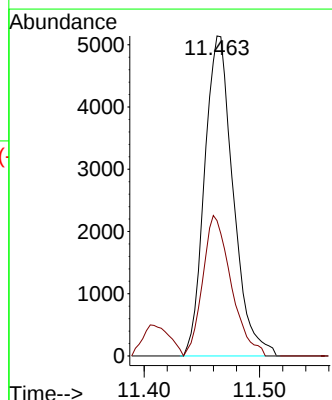
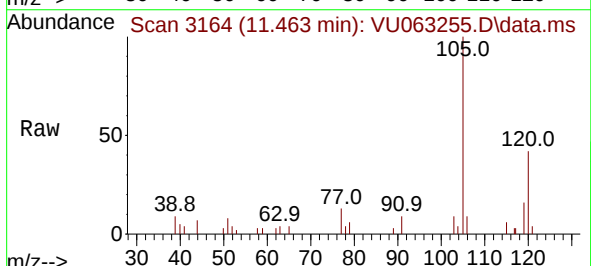
RT: 11.463 min Scan# 3164

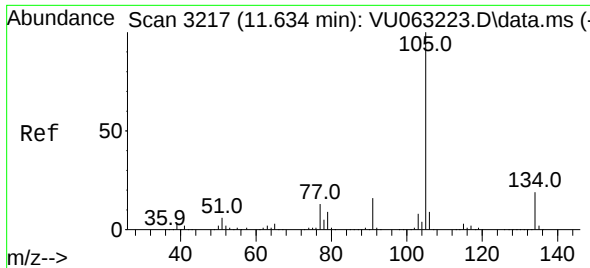
Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:105	Resp:	8845
Ion Ratio	Lower	Upper
105	100	
120	43.5	21.9 65.7

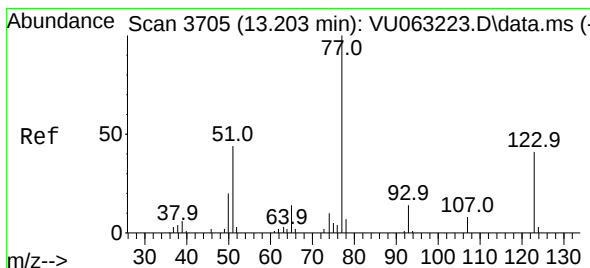
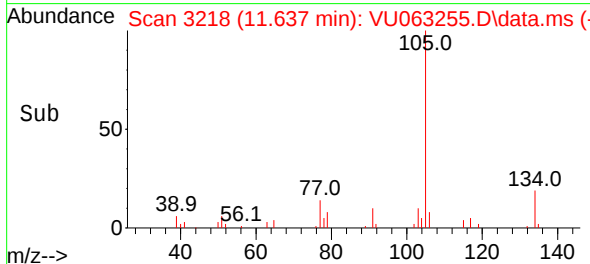
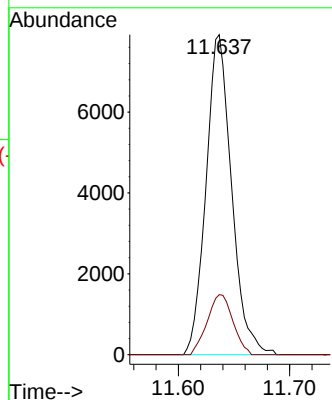
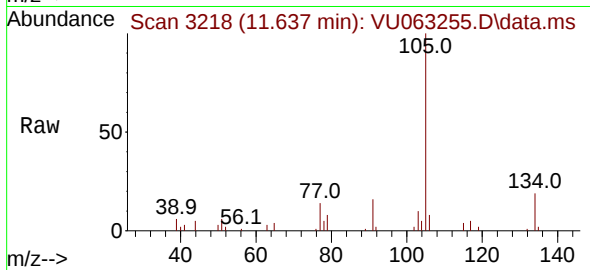




#79
 sec-Butylbenzene
 Concen: 0.203 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

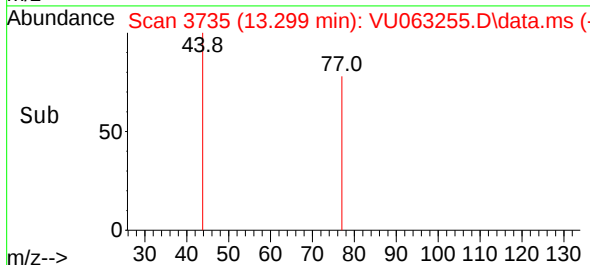
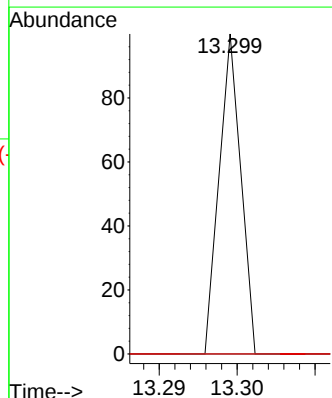
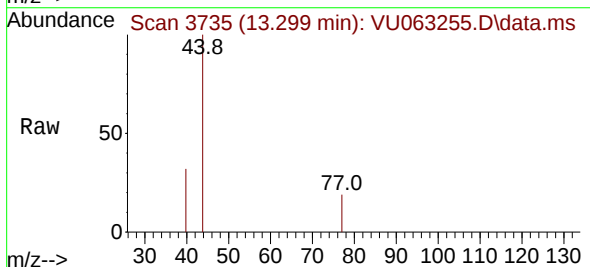
Instrument :
 MSVOA_U
 ClientSampleId :

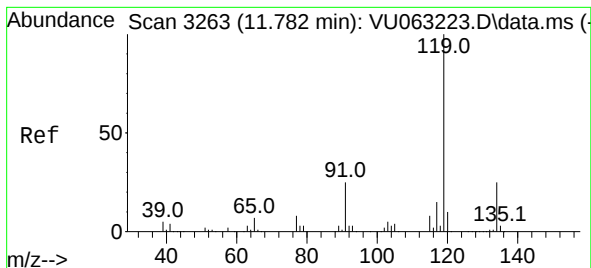
Tgt Ion:105 Resp: 12634
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.1 22.7



#80
 Nitrobenzene
 Concen: 0.057 ug/l
 RT: 13.299 min Scan# 3735
 Delta R.T. 0.096 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

Tgt Ion: 77 Resp: 19
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.9 67.1#
 65 0.0 11.9 15.1#





#81

p-Isopropyltoluene

Concen: 0.185 ug/l

RT: 11.788 min Scan# 3263

Delta R.T. 0.006 min

Lab File: VU063255.D

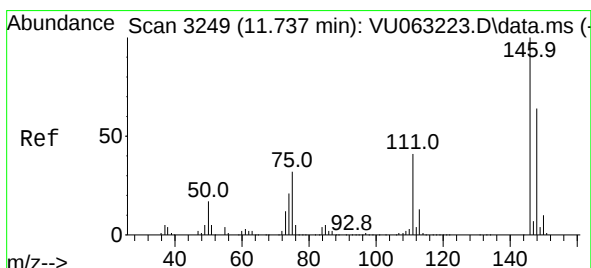
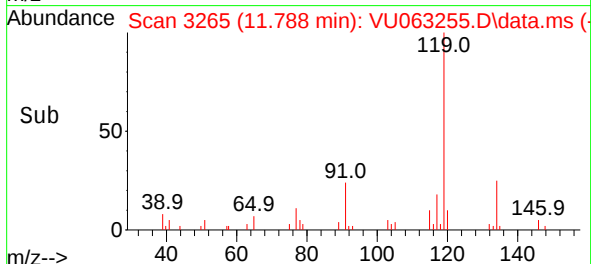
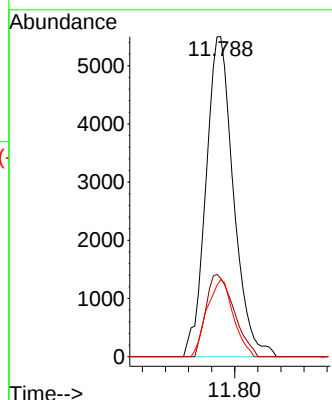
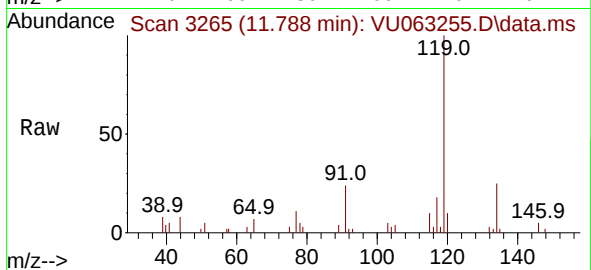
Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	9114
Ion Ratio	Lower	Upper	
119	100		
134	26.1	20.3	30.5
91	23.0	19.4	29.2



#82

1,3-Dichlorobenzene

Concen: 0.240 ug/l

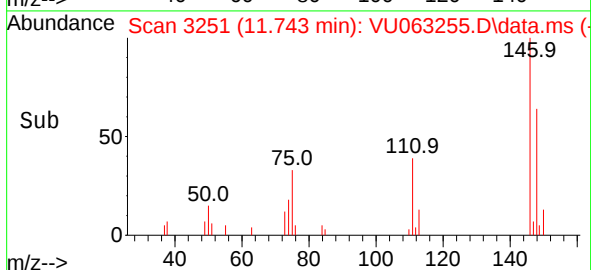
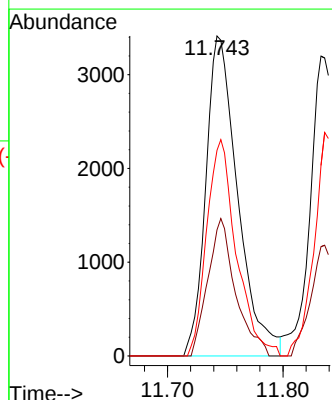
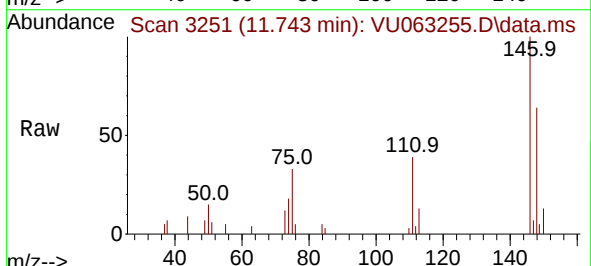
RT: 11.743 min Scan# 3251

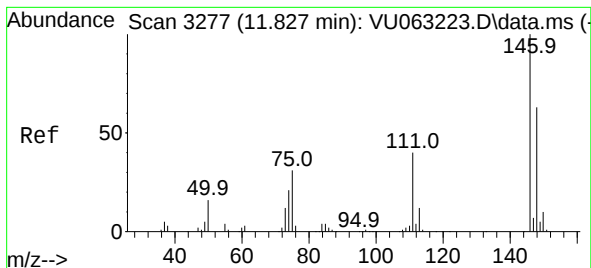
Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:	146	Resp:	6555
Ion Ratio	Lower	Upper	
146	100		
111	37.3	32.8	49.2
148	62.9	51.1	76.7





#83

1,4-Dichlorobenzene

Concen: 0.234 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

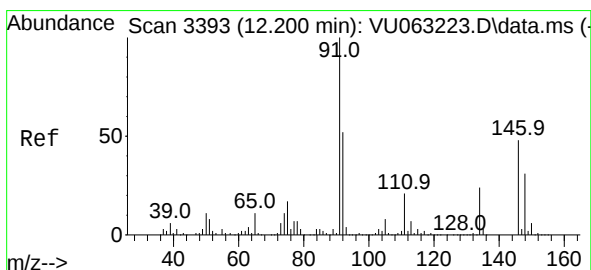
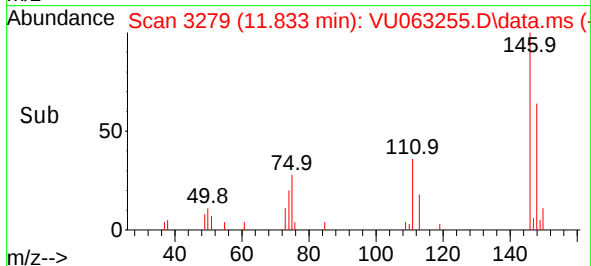
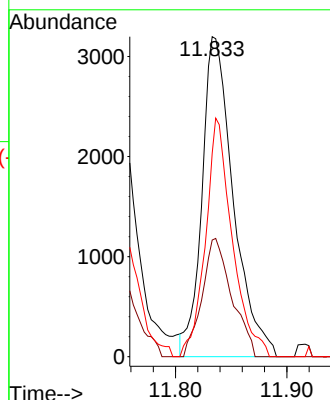
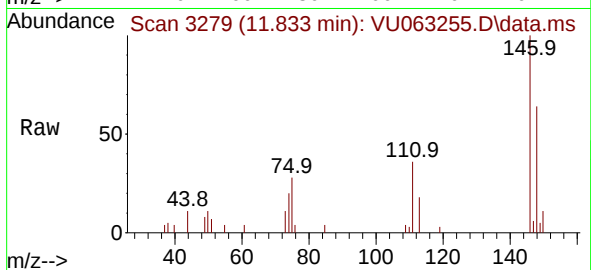
Tgt Ion:146 Resp: 6258

Ion Ratio Lower Upper

146 100

111 34.9 32.1 48.1

148 63.8 50.2 75.4



#84

n-Butylbenzene

Concen: 0.197 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.009 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

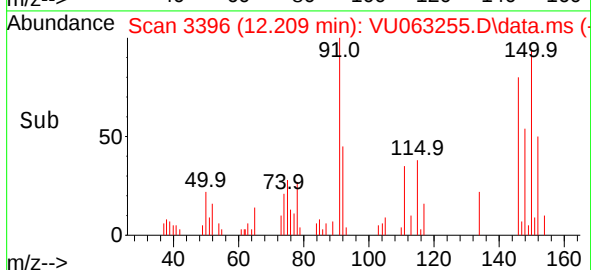
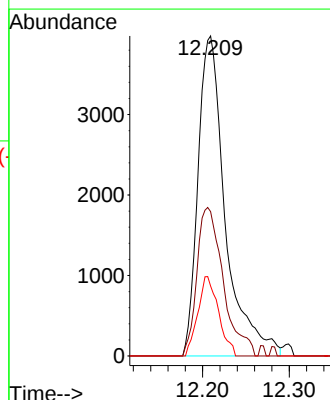
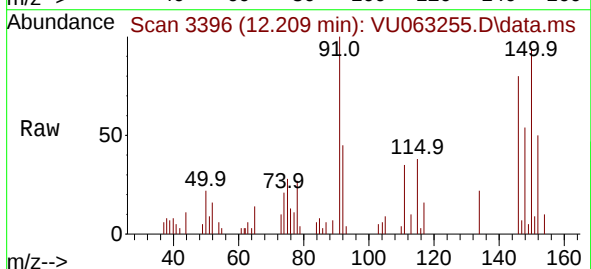
Tgt Ion: 91 Resp: 8713

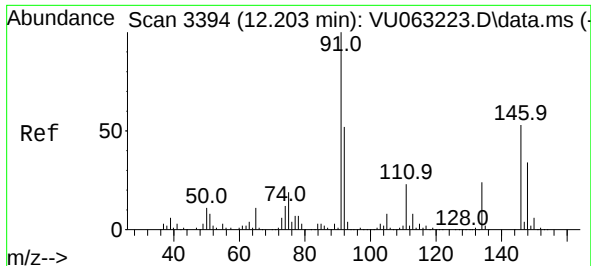
Ion Ratio Lower Upper

91 100

92 44.7 41.8 62.8

134 18.8 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 0.237 ug/l

RT: 12.206 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

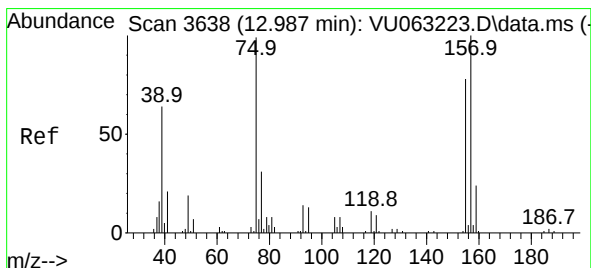
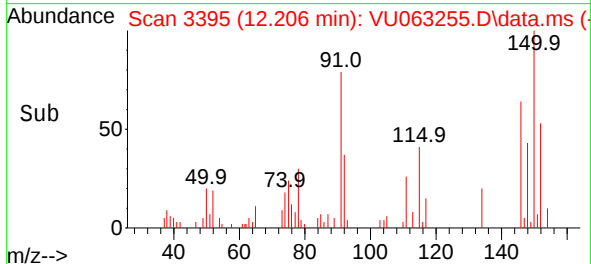
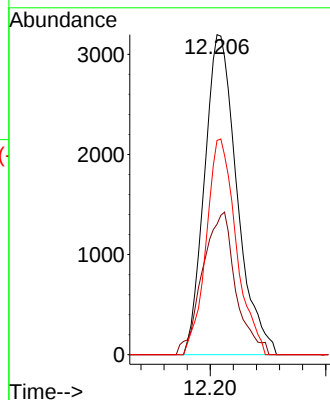
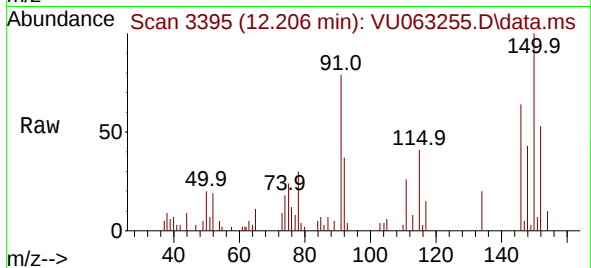
Tgt Ion:146 Resp: 6226

Ion Ratio Lower Upper

146 100

111 45.7 21.9 65.7

148 62.2 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.130 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.009 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

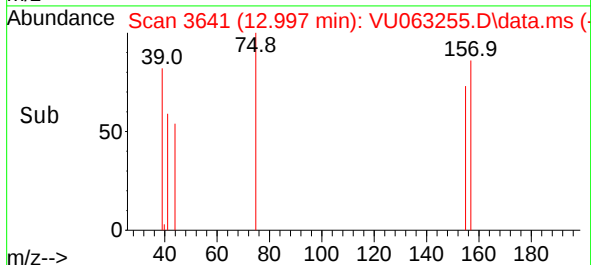
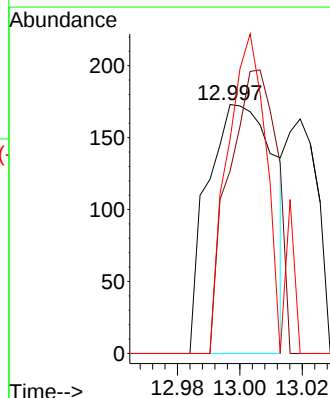
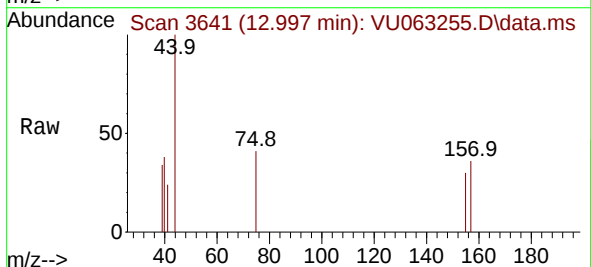
Tgt Ion: 75 Resp: 255

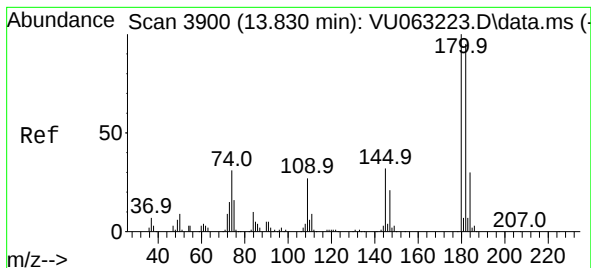
Ion Ratio Lower Upper

75 100

155 82.0 63.5 95.3

157 82.4 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 0.154 ug/l

RT: 13.849 min Scan# 3906

Delta R.T. 0.019 min

Lab File: VU063255.D

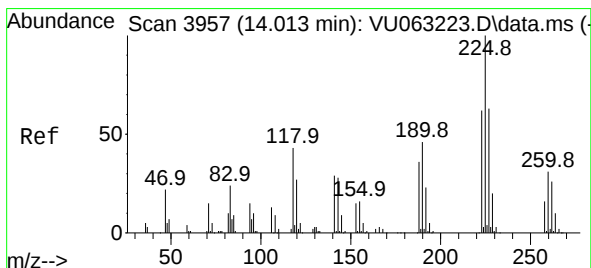
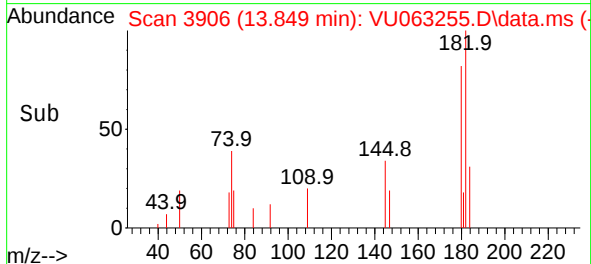
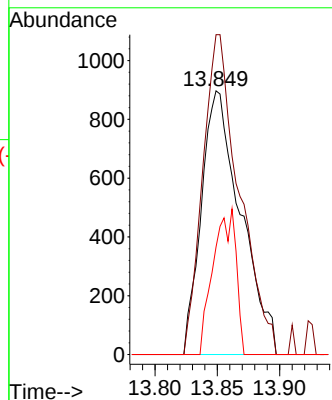
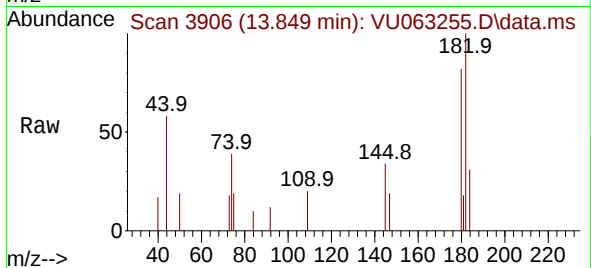
Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	1973
Ion Ratio	Lower	Upper
180	100	
182	112.2	76.6 115.0
145	31.9	25.4 38.2



#88

Hexachlorobutadiene

Concen: 0.255 ug/l

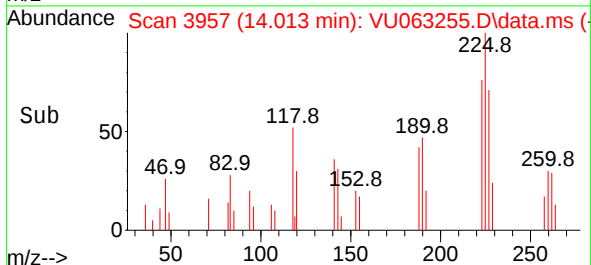
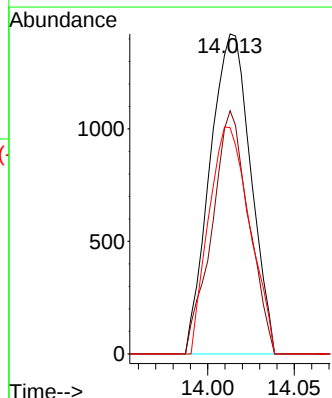
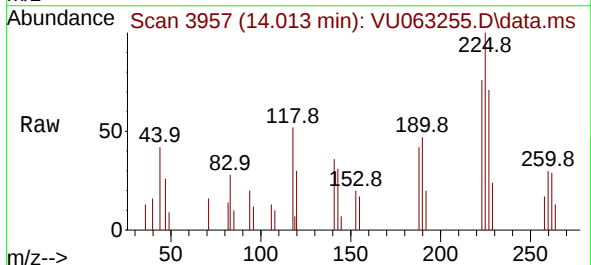
RT: 14.013 min Scan# 3957

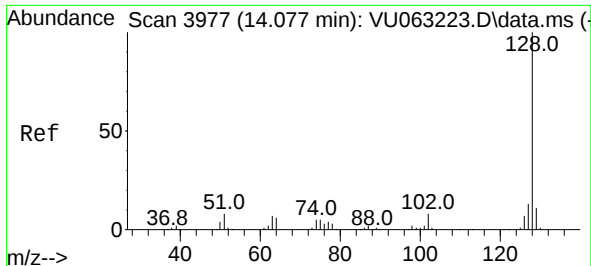
Delta R.T. -0.000 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:225	Resp:	2333
Ion Ratio	Lower	Upper
225	100	
223	68.4	49.5 74.3
227	70.9	51.0 76.4





#89

Naphthalene

Concen: 0.146 ug/l

RT: 14.109 min Scan# 3987

Delta R.T. 0.032 min

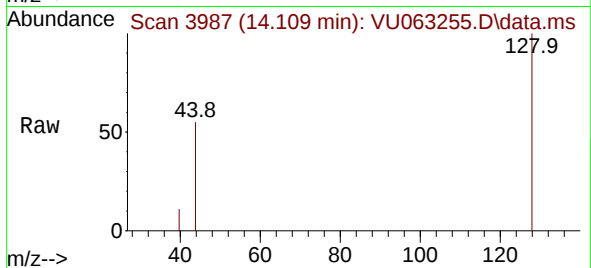
Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

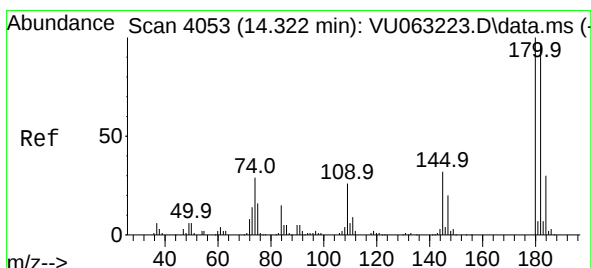
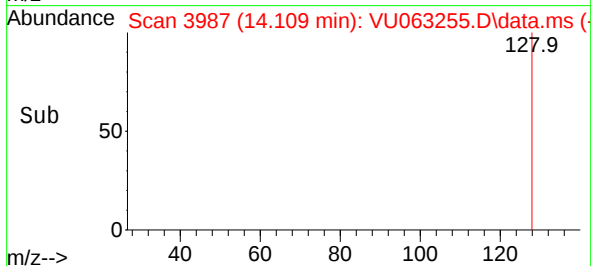
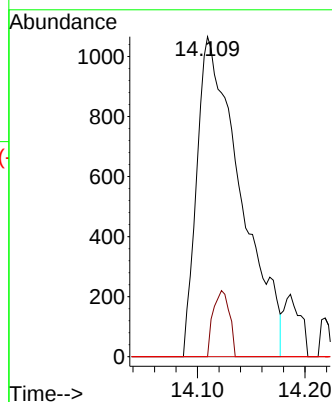
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128	Resp:	3007
Ion Ratio	Lower	Upper
128	100	
127	7.6	10.6 16.0#
129	0.0	8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.184 ug/l

RT: 14.338 min Scan# 4058

Delta R.T. 0.016 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:180	Resp:	2302
Ion Ratio	Lower	Upper
180	100	
182	88.9	78.2 117.2
145	23.7	26.1 39.1#

