

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061173.D
 Acq On : 21 Oct 2024 15:42
 Operator : MD/SY
 Sample : P4368-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 22 01:37:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	26488	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13115	0.932	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13185	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	3258	0.223	ug/l	99
3) Chloromethane	1.515	50	4045	0.291	ug/l	93
4) Vinyl Chloride	1.602	62	3766	0.264	ug/l	98
5) Bromomethane	1.853	94	2337	0.261	ug/l	99
6) Chloroethane	1.930	64	2522	0.264	ug/l #	84
7) Trichlorofluoromethane	2.133	101	4791	0.236	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	2478	0.246	ug/l	95
9) 1,1-Dichloroethene	2.576	96	2733	0.260	ug/l	89
10) Iodomethane	2.715	142	2570	0.205	ug/l	94
11) Allyl Chloride	2.920	41	3624	0.268	ug/l	91
12) Acrylonitrile	3.358	53	568	0.269	ug/l #	87
13) Acetone	2.650	43	4494	1.630	ug/l	97
14) Carbon Disulfide	2.789	76	9211	0.254	ug/l	100
15) Methylene Chloride	3.043	84	3795	0.279	ug/l	99
16) trans-1,2-Dichloroethene	3.354	96	3066	0.249	ug/l	92
17) 1,1-Dichloroethane	3.862	63	5566	0.255	ug/l #	94
18) 2-Butanone	4.750	43	827	0.245	ug/l	74
19) Cyclohexane	5.380	56	4203	0.215	ug/l	96
20) Methylcyclohexane	6.756	83	5193	0.238	ug/l	95
21) 2,2-Dichloropropane	4.660	77	5021	0.249	ug/l	95
22) cis-1,2-Dichloroethene	4.666	96	3299	0.246	ug/l	98
23) Diethyl Ether	2.374	59	1808	0.221	ug/l	94
24) tert-Butyl Alcohol	3.242	59	303	0.356	ug/l #	1
25) Methyl tert-Butyl Ether	3.361	73	6759	0.240	ug/l #	90
26) Bromochloromethane	4.978	128	1306	0.233	ug/l	95
27) Chloroform	5.081	83	6396	0.279	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	4637	0.230	ug/l	95
29) 1,1-Dichloropropene	5.522	75	4040	0.226	ug/l	96
30) Carbon Tetrachloride	5.518	117	4078	0.233	ug/l #	87
31) Isopropyl Ether	3.988	45	7545	0.242	ug/l	98
32) Ethyl-t-butyl ether	4.489	59	7701	0.240	ug/l	94
33) Tert-Amyl methyl ether	5.936	73	6922	0.240	ug/l	97
34) Propionitrile	4.850	54	265	0.329	ug/l #	49
35) Benzene	5.772	78	12078	0.240	ug/l	93
36) 1,2-Dichloroethane	5.798	62	3417	0.241	ug/l #	76
37) Trichloroethene	6.544	130	3284	0.245	ug/l	99
38) 1,2-Dichloropropane	6.788	63	3227	0.253	ug/l #	88
39) Methacrylonitrile	5.020	41	464	0.160	ug/l #	51
40) Methyl acrylate	4.914	55	418	0.071	ug/l #	71
41) Tetrahydrofuran	5.075	42	292	0.168	ug/l #	58
42) 1-Chlorobutane	5.454	56	5773	0.252	ug/l	96
43) Dibromomethane	6.920	93	1516	0.230	ug/l	90
44) Bromodichloromethane	7.103	83	3890	0.242	ug/l #	89

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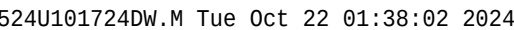
Instrument :
 MSVOA_U
 ClientSampleId :

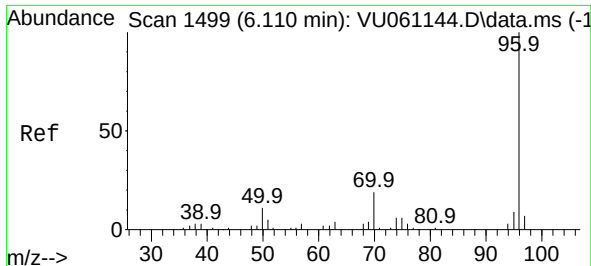
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	7943	1.198	ug/l	95
46) t-1,4-Dichloro-2-butene	10.820	75	3081	1.166	ug/l #	41
47) Methyl methacrylate	6.972	69	2546	0.444	ug/l #	93
48) Ethyl methacrylate	8.338	69	2777	0.227	ug/l	94
49) Toluene	7.968	92	8028	0.253	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	3393	0.219	ug/l	95
51) cis-1,3-Dichloropropene	7.615	75	4320	0.227	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	2155	0.242	ug/l	92
53) 1,3-Dichloropropane	8.570	76	4014	0.257	ug/l	90
54) 2-Hexanone	8.695	43	5575	1.024	ug/l	98
55) Dibromochloromethane	8.804	129	2279	0.217	ug/l	87
56) 1,2-Dibromoethane	8.917	107	2094	0.245	ug/l	95
58) Tetrachloroethene	8.550	164	2874	0.253	ug/l	89
59) Chlorobenzene	9.447	112	8550	0.250	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	2600	0.225	ug/l	92
61) Pentachloroethane	11.422	117	2016	0.228	ug/l	98
62) Hexachloroethane	12.467	117	1790	0.197	ug/l	100
63) Ethyl Benzene	9.566	91	14798	0.241	ug/l	100
64) m/p-Xylenes	9.692	106	11738	0.503	ug/l	93
65) o-Xylene	10.097	106	5567	0.242	ug/l	93
66) Styrene	10.116	104	7988	0.224	ug/l	97
67) Bromoform	10.283	173	1184	0.215	ug/l #	84
69) Isopropylbenzene	10.480	105	12974	0.237	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.779	83	2652	0.245	ug/l	93
71) 1,2,3-Trichloropropane	10.820	75	3081	0.350	ug/l #	79
72) Bromobenzene	10.782	156	3247	0.247	ug/l	96
73) n-propylbenzene	10.901	120	3674	0.230	ug/l	98
74) 2-Chlorotoluene	10.984	126	3307	0.240	ug/l	87
75) 1,3,5-Trimethylbenzene	11.081	105	11649	0.236	ug/l	99
76) 4-Chlorotoluene	11.100	126	3326	0.237	ug/l	93
77) tert-Butylbenzene	11.412	119	11692	0.240	ug/l	100
78) 1,2,4-Trimethylbenzene	11.467	105	11958	0.240	ug/l	93
79) sec-Butylbenzene	11.637	105	14752	0.233	ug/l	99
80) Nitrobenzene	13.248	77	81	0.342	ug/l #	47
81) p-Isopropyltoluene	11.788	119	11700	0.223	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	6226	0.247	ug/l	98
83) 1,4-Dichlorobenzene	11.840	146	6306	0.251	ug/l	99
84) n-Butylbenzene	12.206	91	11083	0.227	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	5955	0.253	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.007	75	338	0.211	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.846	180	3251	0.241	ug/l	98
88) Hexachlorobutadiene	14.016	225	1830	0.240	ug/l	95
89) Naphthalene	14.100	128	7006	0.294	ug/l	95
90) 1,2,3-Trichlorobenzene	14.328	180	3290	0.272	ug/l	97

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

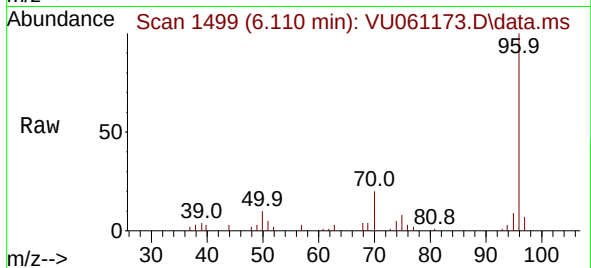
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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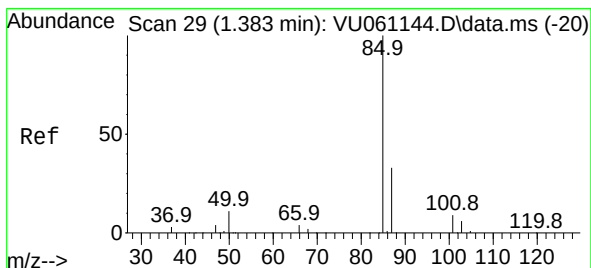
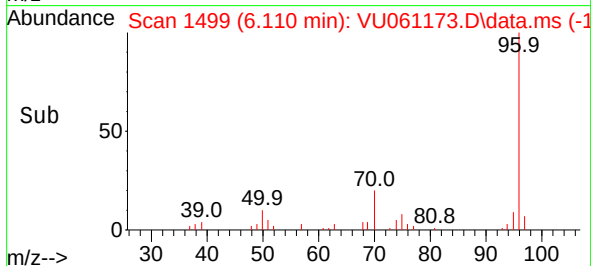
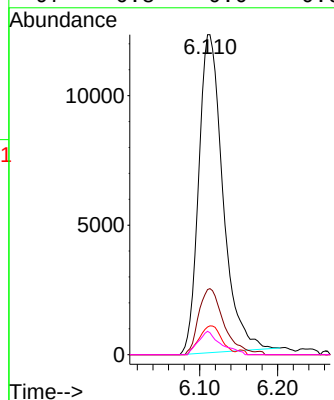
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 26488

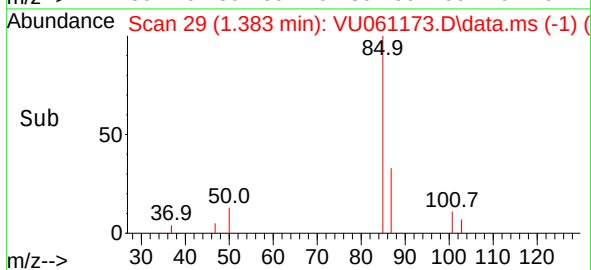
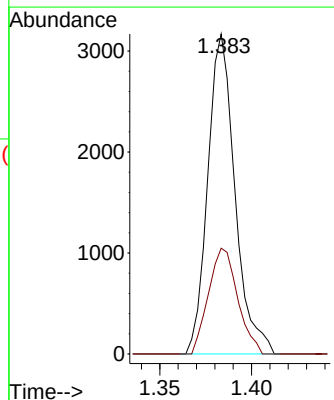
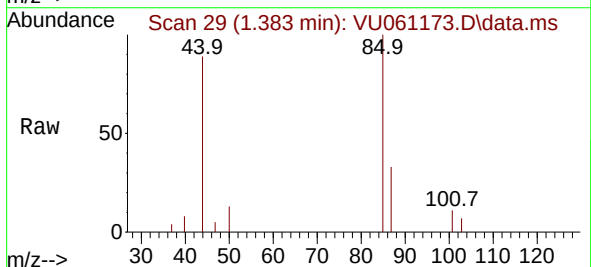
Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.1	24.1
95	7.6	0.0	0.0#
97	6.8	0.0	0.0#

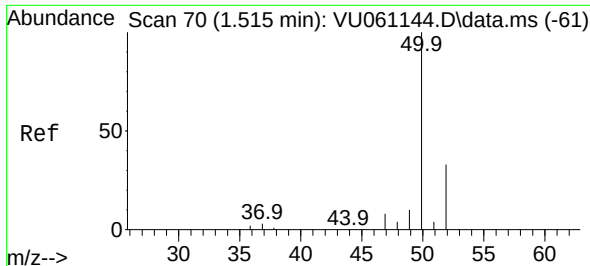


#2
Dichlorodifluoromethane
Concen: 0.223 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 85 Resp: 3258

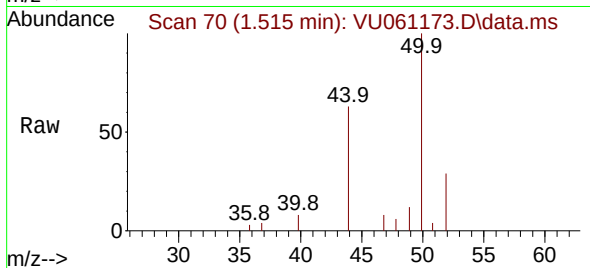
Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.3	48.9



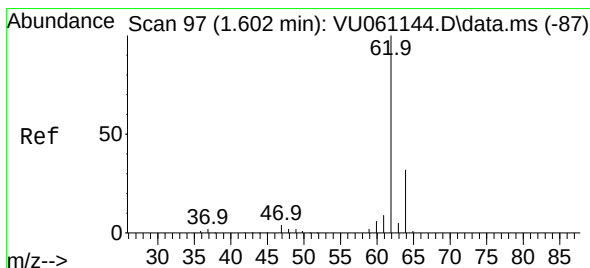
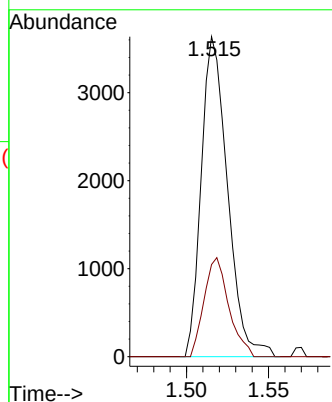
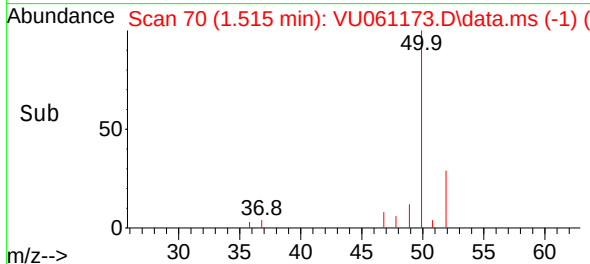


#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :

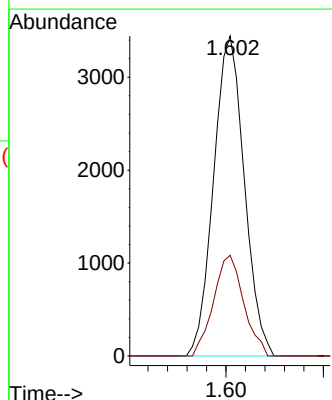
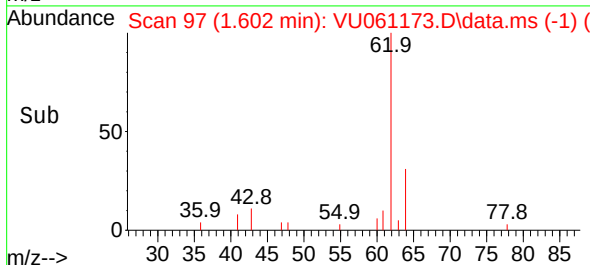
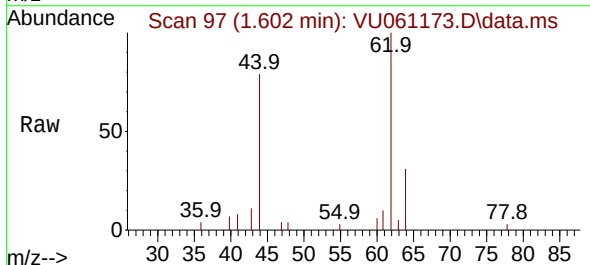


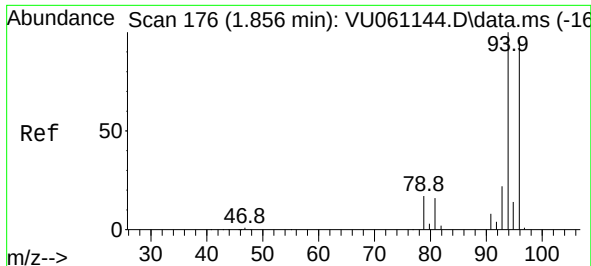
Tgt Ion: 50 Resp: 4045
Ion Ratio Lower Upper
50 100
52 28.8 26.2 39.2



#4
Vinyl Chloride
Concen: 0.264 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

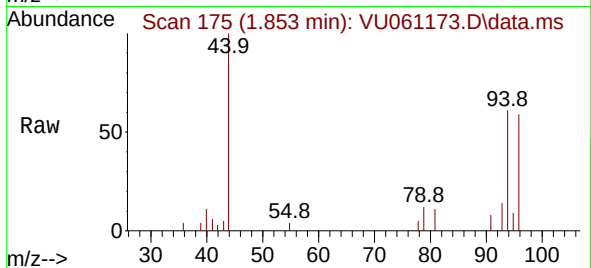
Tgt Ion: 62 Resp: 3766
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9



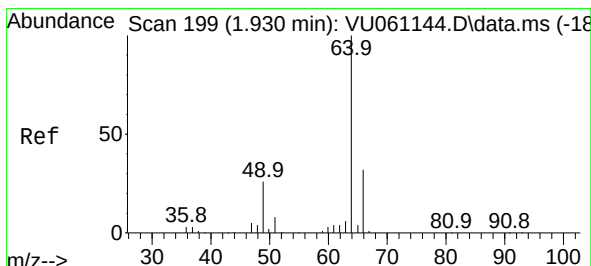
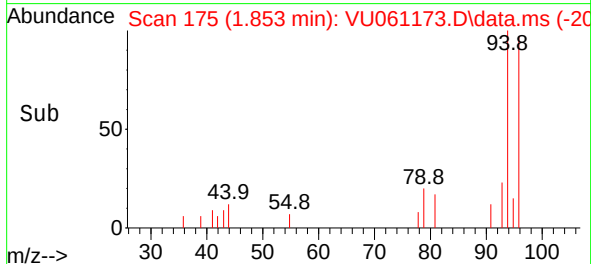
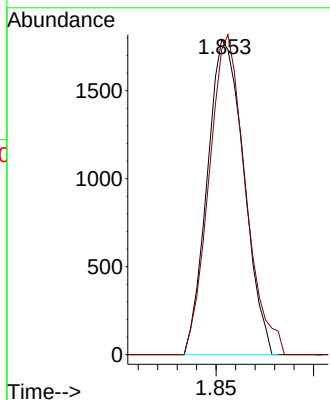


#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :

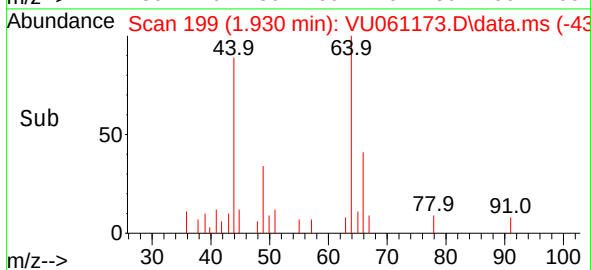
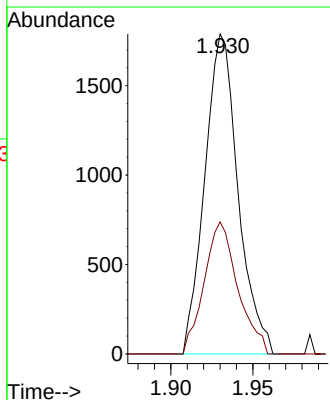
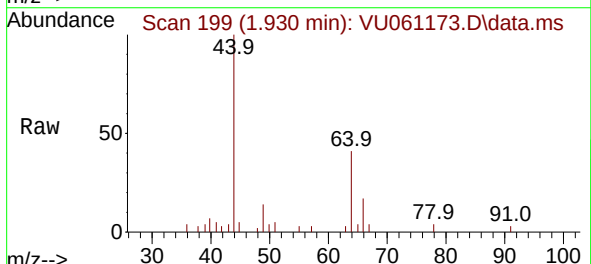


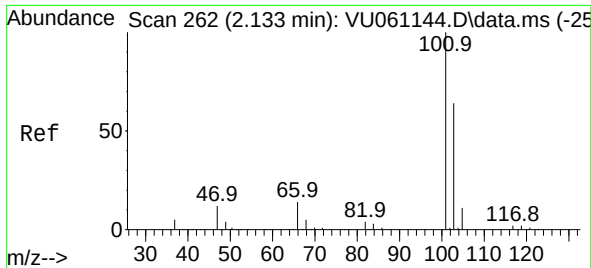
Tgt Ion: 94 Resp: 2337
Ion Ratio Lower Upper
94 100
96 96.8 76.5 114.7



#6
Chloroethane
Concen: 0.264 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 64 Resp: 2522
Ion Ratio Lower Upper
64 100
66 41.3 25.8 38.8#

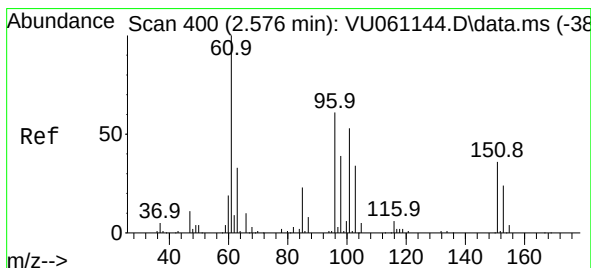
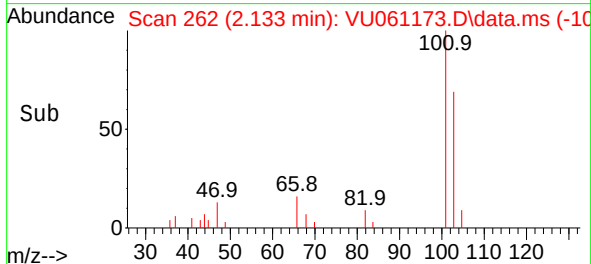
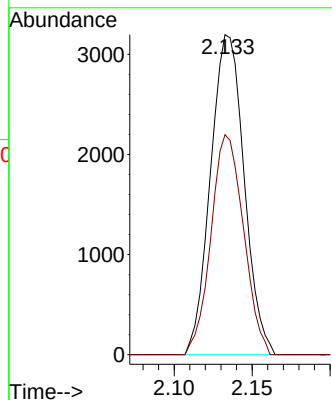
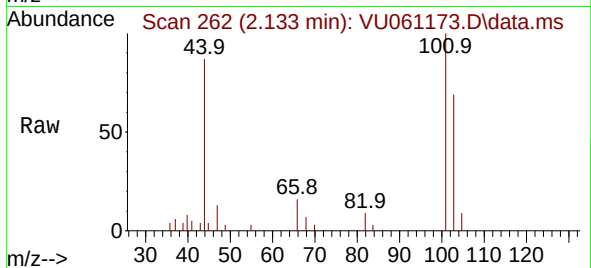




#7
 Trichlorofluoromethane
 Concen: 0.236 ug/l
 RT: 2.133 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

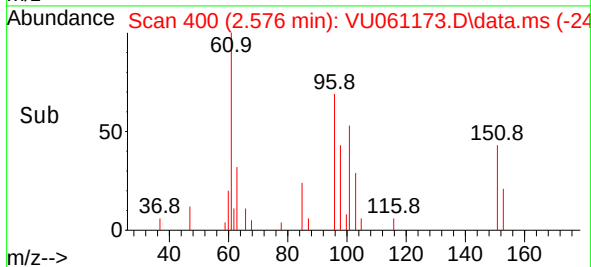
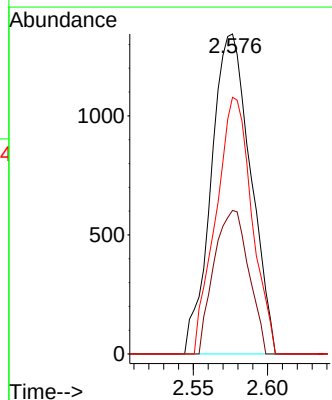
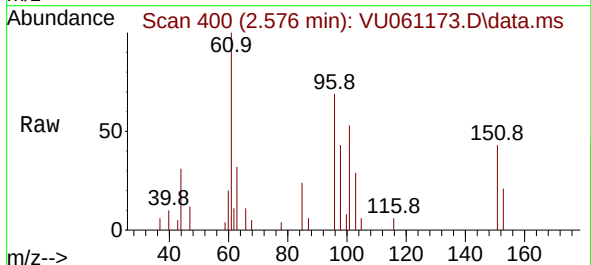
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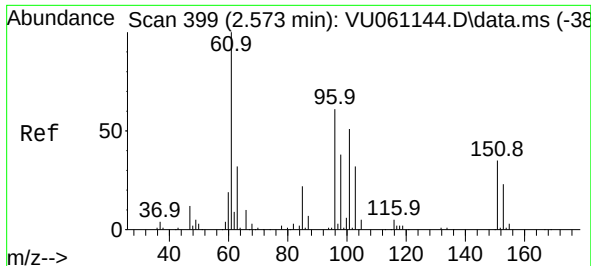
Tgt Ion:101 Resp: 4791
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.5 77.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.246 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

Tgt Ion:101 Resp: 2478
 Ion Ratio Lower Upper
 101 100
 85 39.5 35.8 53.8
 151 73.3 56.2 84.4

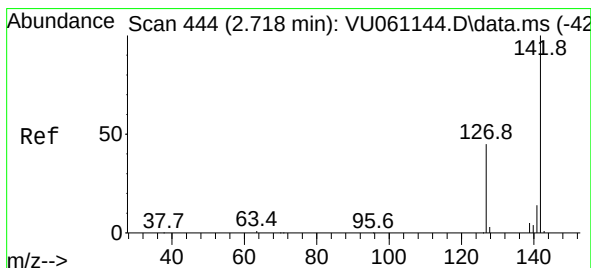
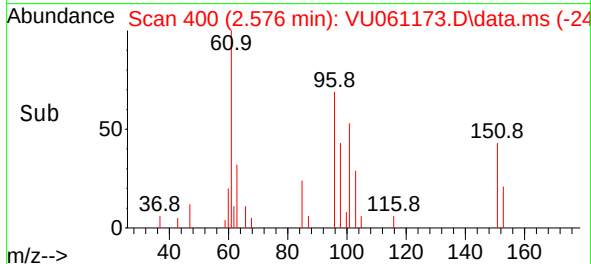
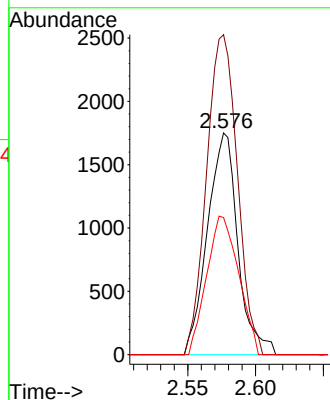
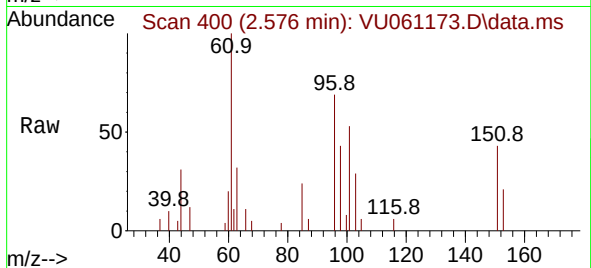




#9
1,1-Dichloroethene
Concen: 0.260 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

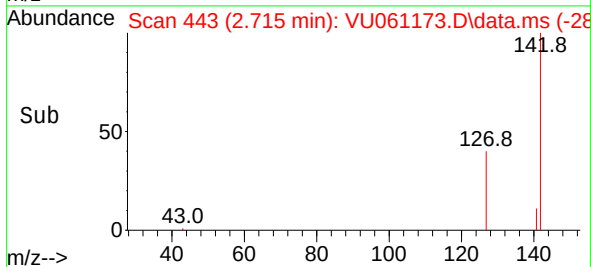
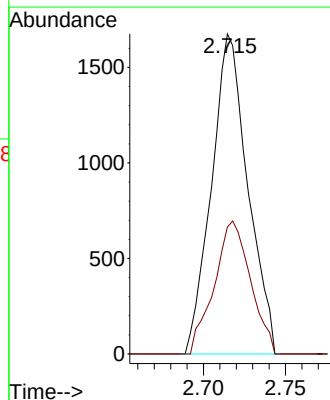
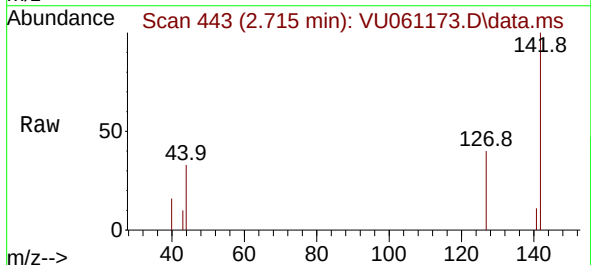
Instrument :
MSVOA_U
ClientSampleId :

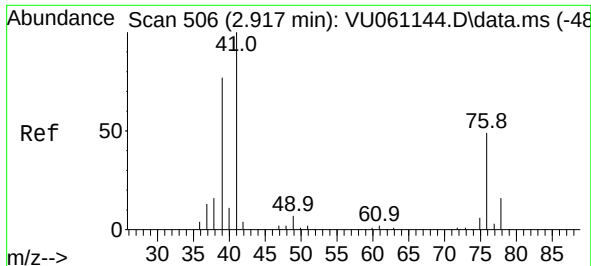
Tgt Ion: 96 Resp: 2733
Ion Ratio Lower Upper
96 100
61 144.3 0.0 494.4
98 61.9 0.0 124.4



#10
Iodomethane
Concen: 0.205 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:142 Resp: 2570
Ion Ratio Lower Upper
142 100
127 41.7 36.2 54.4





#11

Allyl Chloride

Concen: 0.268 ug/l

RT: 2.920 min Scan# 506

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

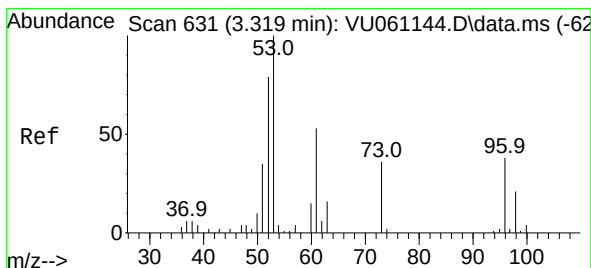
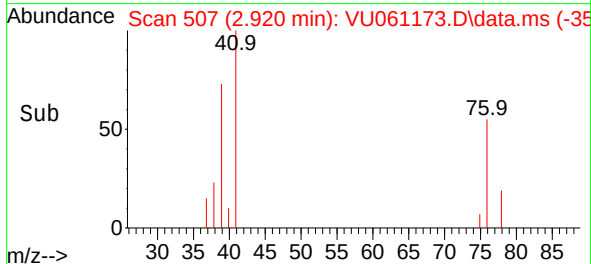
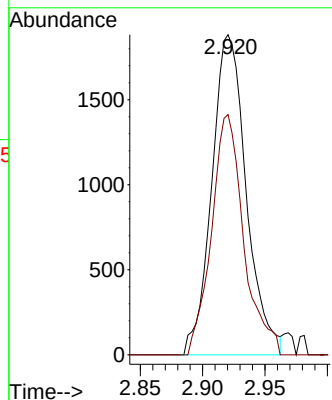
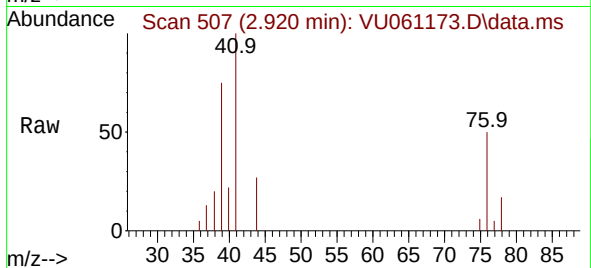
ClientSampleId :

Tgt Ion: 41 Resp: 3624

Ion Ratio Lower Upper

41 100

39 70.0 62.4 93.6



#12

Acrylonitrile

Concen: 0.269 ug/l

RT: 3.358 min Scan# 643

Delta R.T. 0.039 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

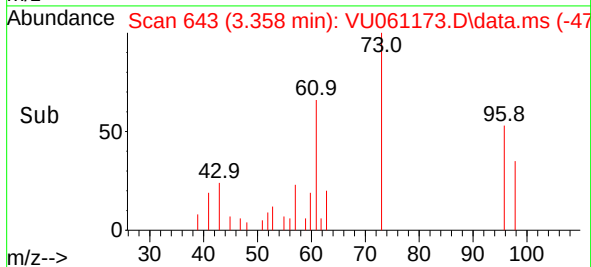
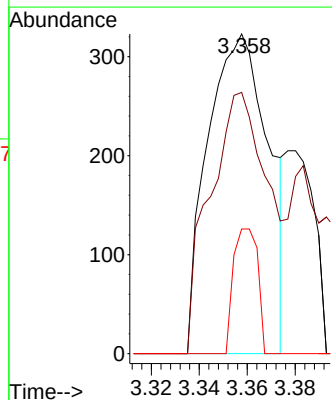
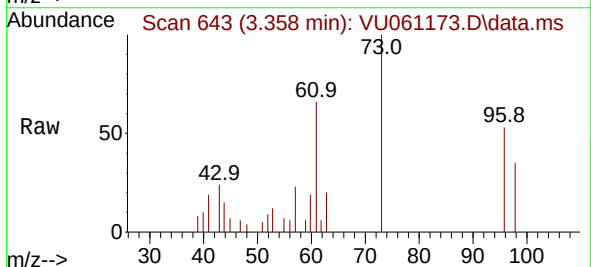
Tgt Ion: 53 Resp: 568

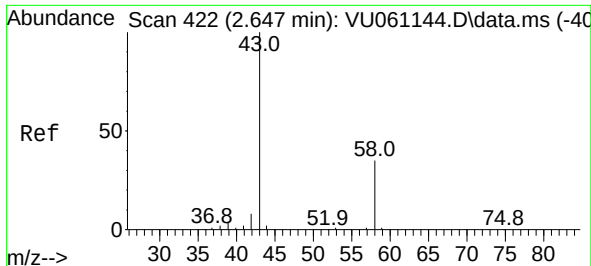
Ion Ratio Lower Upper

53 100

52 77.5 62.6 94.0

51 15.7 30.7 46.1#





#13

Acetone

Concen: 1.630 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

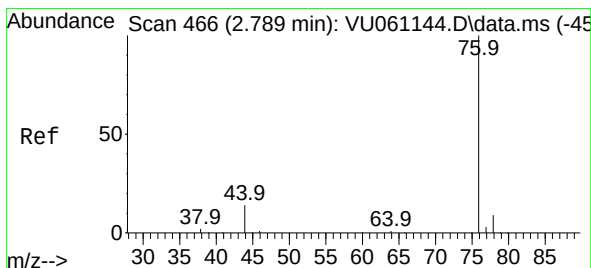
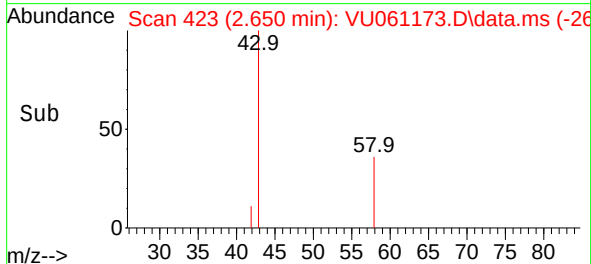
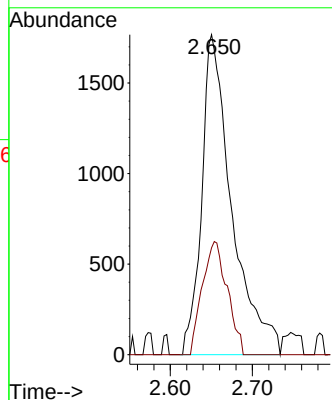
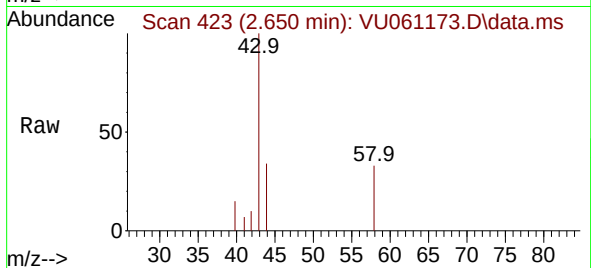
ClientSampleId :

Tgt Ion: 43 Resp: 4494

Ion Ratio Lower Upper

43 100

58 33.4 27.9 41.9



#14

Carbon Disulfide

Concen: 0.254 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061173.D

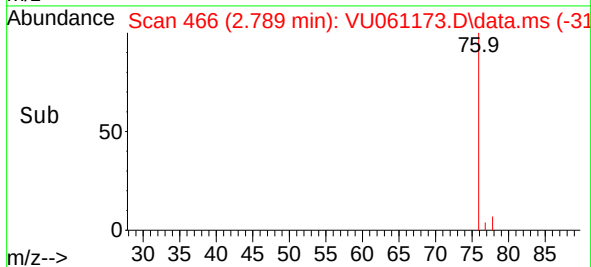
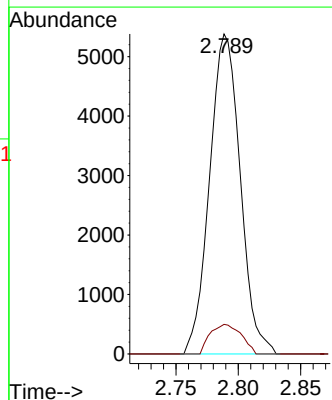
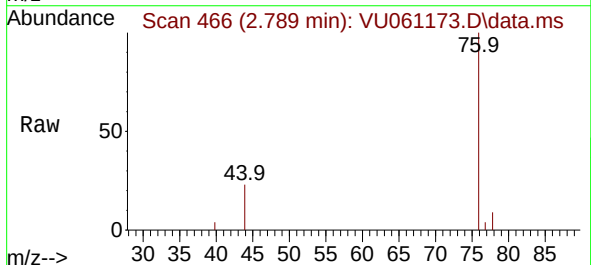
Acq: 21 Oct 2024 15:42

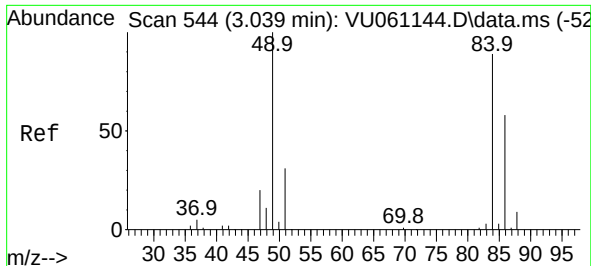
Tgt Ion: 76 Resp: 9211

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methylene Chloride

Concen: 0.279 ug/l

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

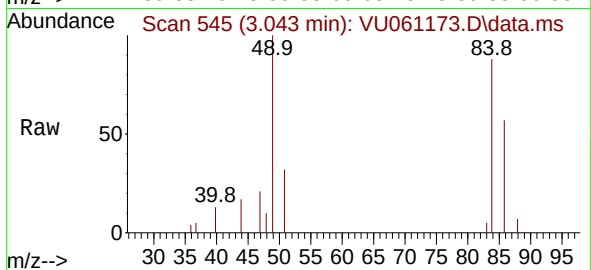
Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 3795

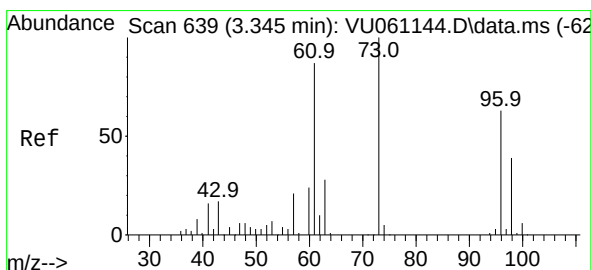
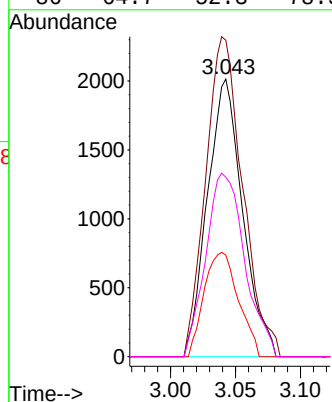
Ion Ratio Lower Upper

84 100

49 114.0 90.4 135.6

51 36.6 0.0 70.6

86 64.7 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 0.249 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

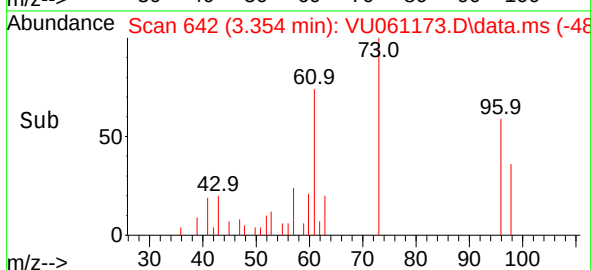
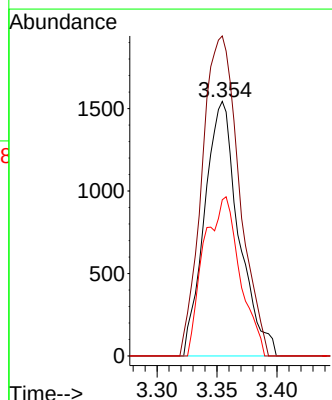
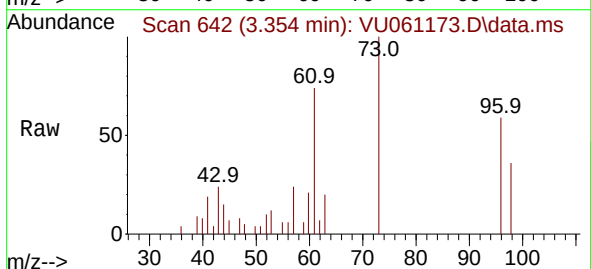
Tgt Ion: 96 Resp: 3066

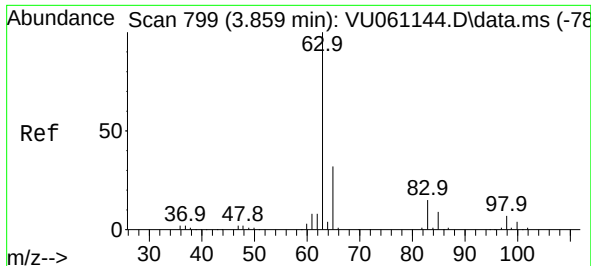
Ion Ratio Lower Upper

96 100

61 125.7 110.6 166.0

98 61.4 49.8 74.8

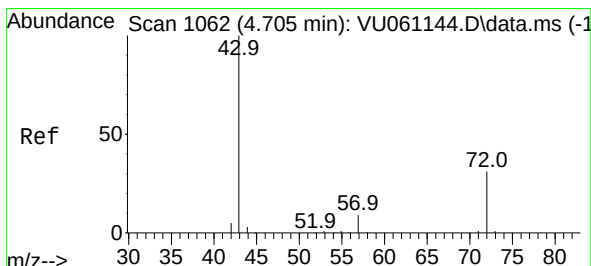
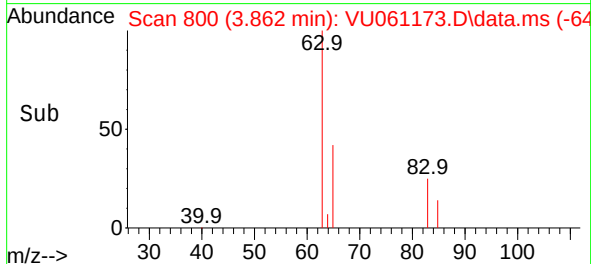
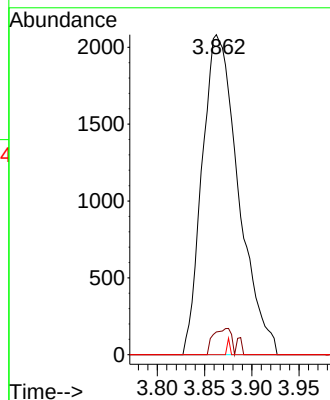
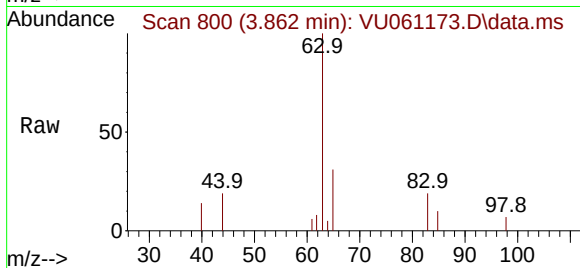




#17
1,1-Dichloroethane
Concen: 0.255 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

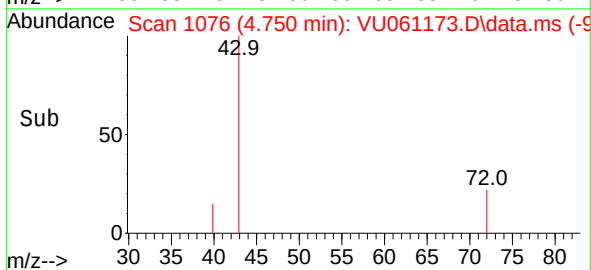
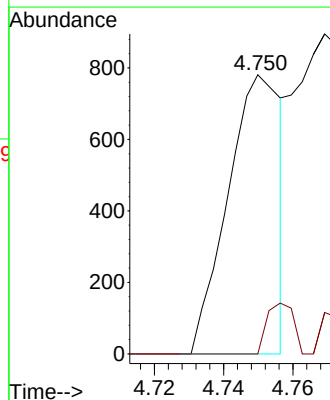
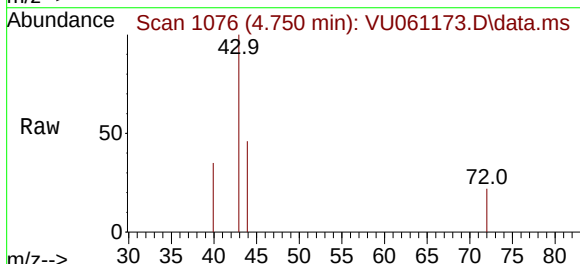
Instrument :
MSVOA_U
ClientSampleId :

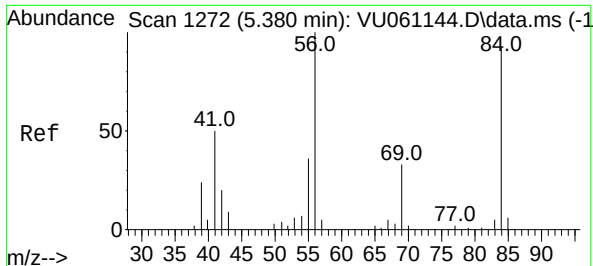
Tgt Ion: 63 Resp: 5566
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.8
100 0.0 2.1 6.5#



#18
2-Butanone
Concen: 0.245 ug/l
RT: 4.750 min Scan# 1076
Delta R.T. 0.045 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.0





#19

Cyclohexane

Concen: 0.215 ug/l

RT: 5.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

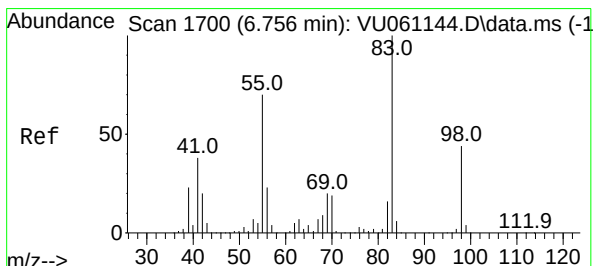
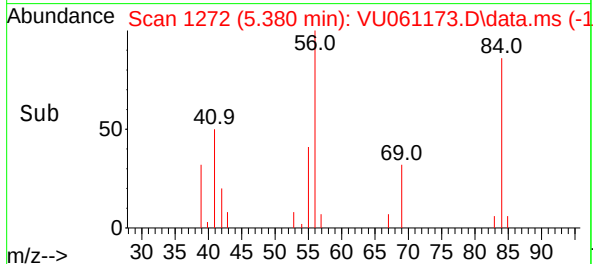
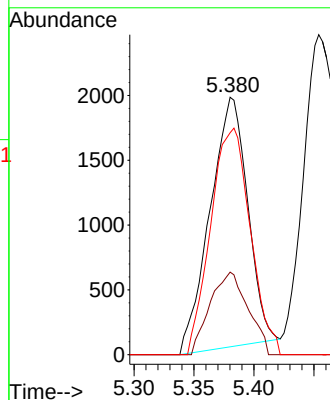
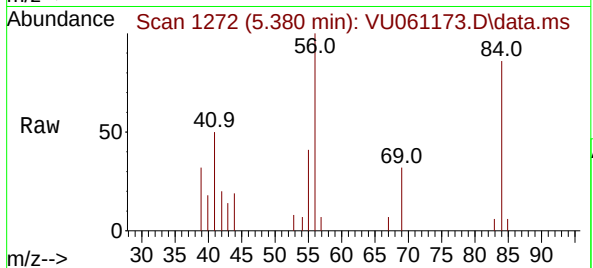
Tgt Ion: 56 Resp: 4203

Ion Ratio Lower Upper

56 100

69 33.3 26.2 39.4

84 95.4 72.7 109.1



#20

Methylcyclohexane

Concen: 0.238 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

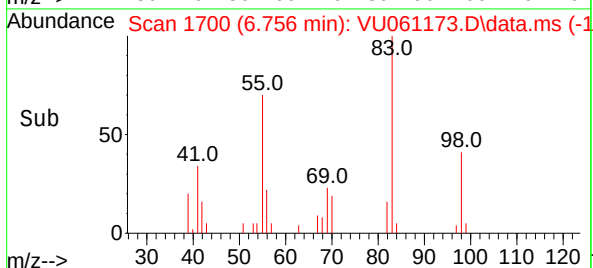
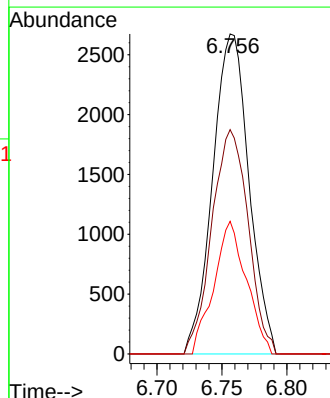
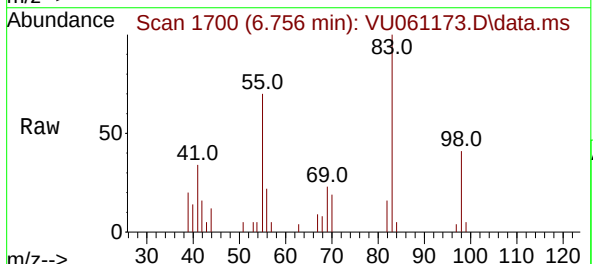
Tgt Ion: 83 Resp: 5193

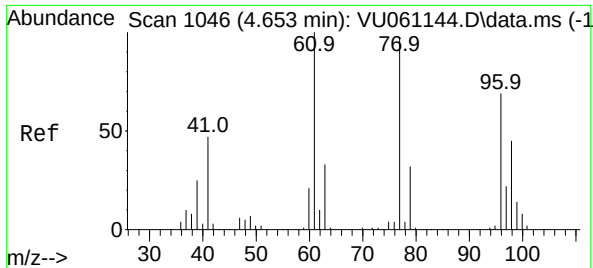
Ion Ratio Lower Upper

83 100

55 70.1 55.5 83.3

98 37.1 35.8 53.6

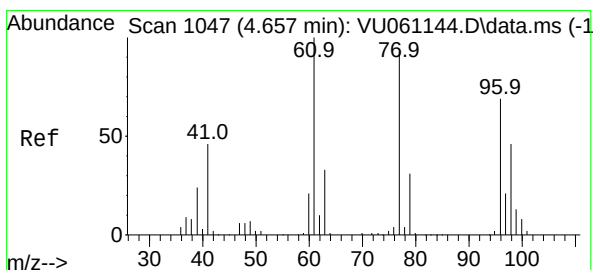
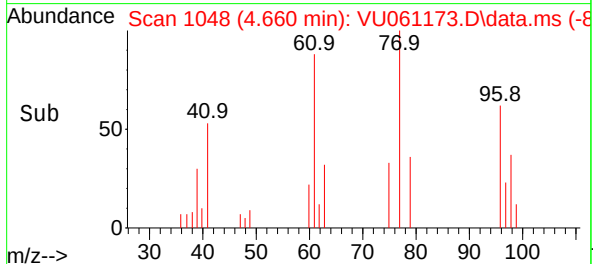
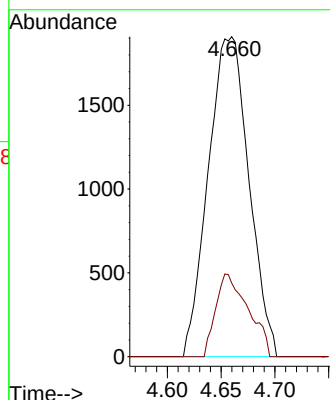
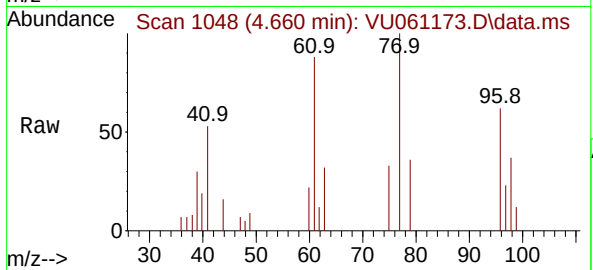




#21
2,2-Dichloropropane
Concen: 0.249 ug/l
RT: 4.660 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

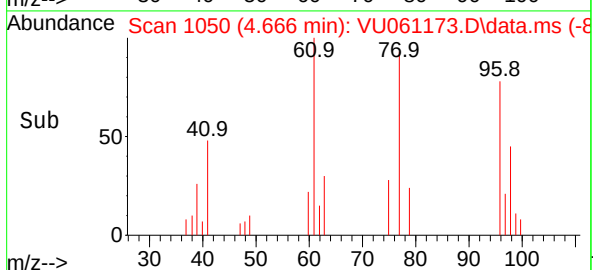
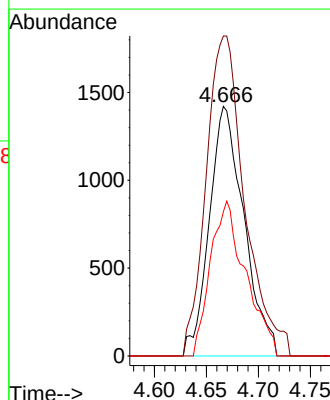
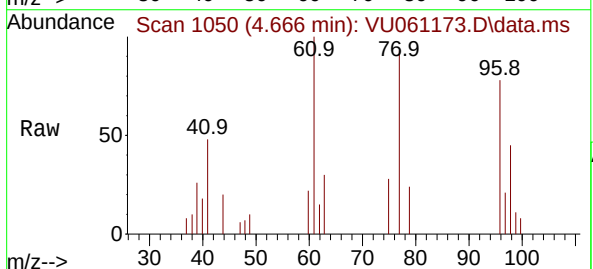
Instrument :
MSVOA_U
ClientSampleId :

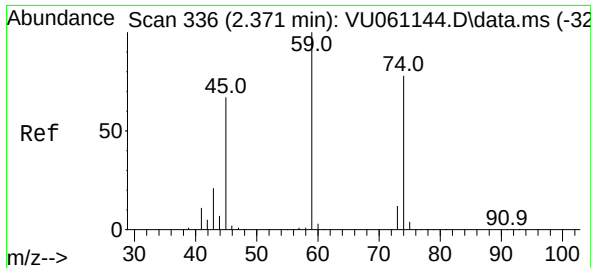
Tgt Ion: 77 Resp: 5021
Ion Ratio Lower Upper
77 100
97 20.6 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 0.246 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 96 Resp: 3299
Ion Ratio Lower Upper
96 100
61 142.5 0.0 364.8
98 62.7 32.1 96.3

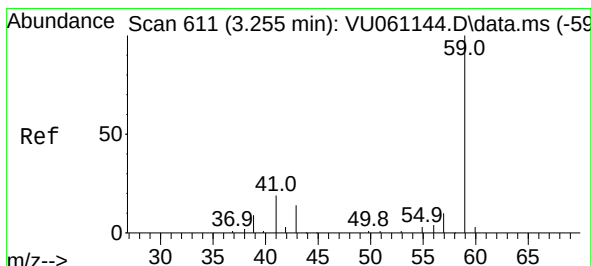
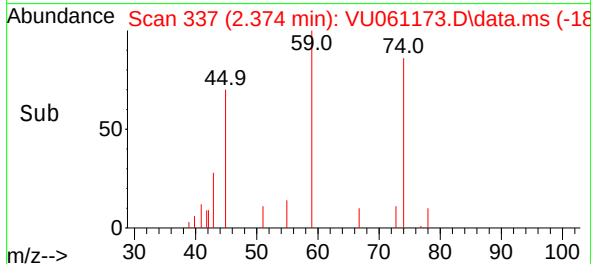
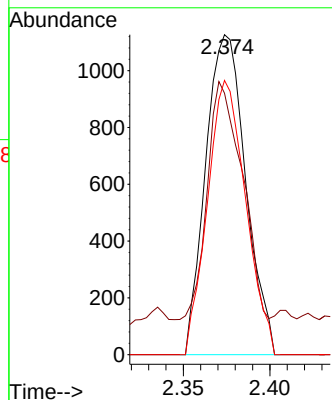
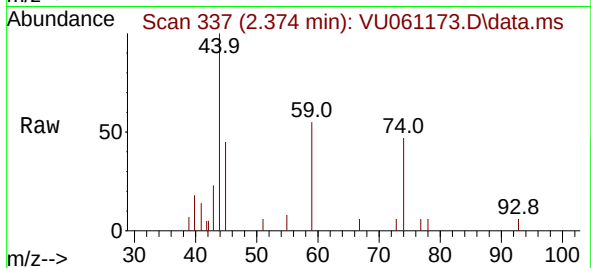




#23
Diethyl Ether
Concen: 0.221 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

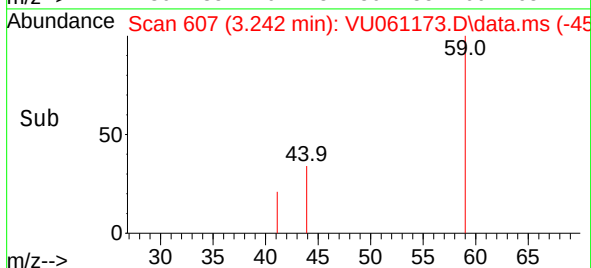
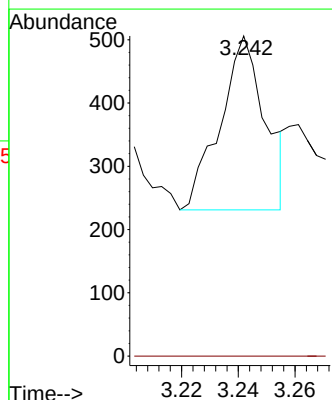
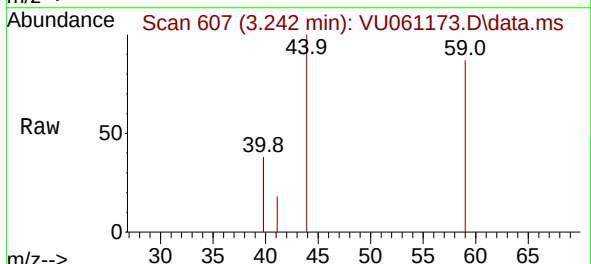
Instrument :
MSVOA_U
ClientSampleId :

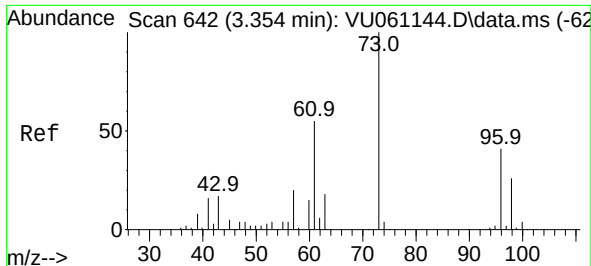
Tgt Ion: 59 Resp: 1808
Ion Ratio Lower Upper
59 100
45 70.5 52.0 78.0
74 82.0 62.2 93.2



#24
tert-Butyl Alcohol
Concen: 0.356 ug/l
RT: 3.242 min Scan# 607
Delta R.T. -0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 449.8 3.2 4.8#





#25

Methyl tert-Butyl Ether

Concen: 0.240 ug/l

RT: 3.361 min Scan# 642

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

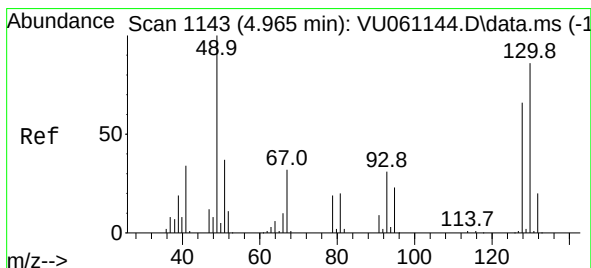
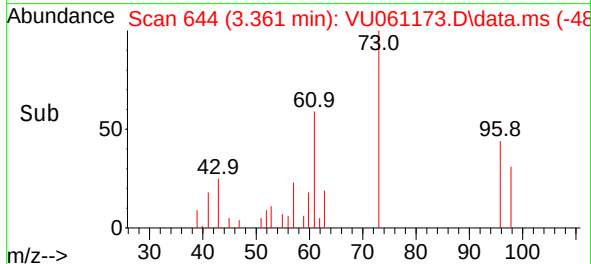
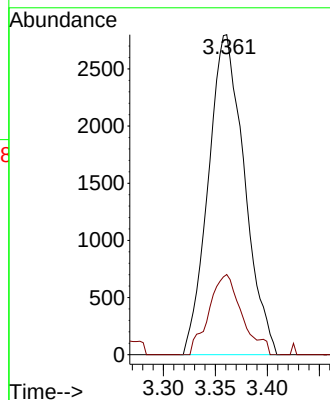
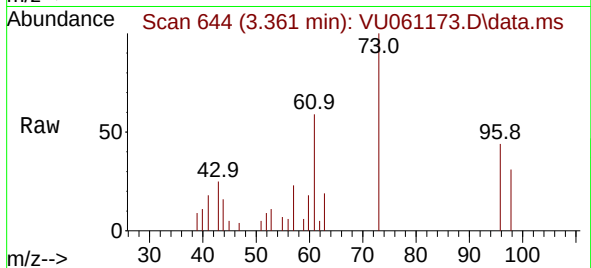
ClientSampleId :

Tgt Ion: 73 Resp: 6759

Ion Ratio Lower Upper

73 100

43 22.9 14.7 22.1#



#26

Bromochloromethane

Concen: 0.233 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. 0.013 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

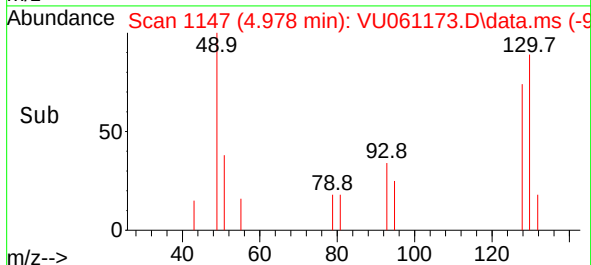
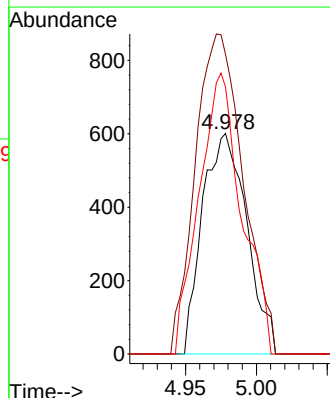
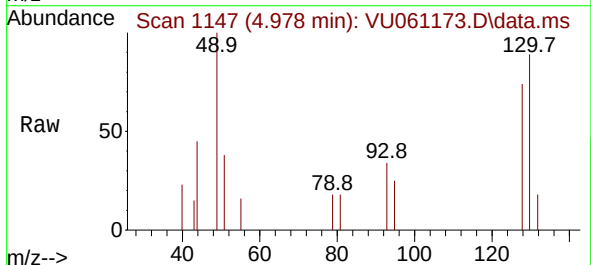
Tgt Ion: 128 Resp: 1306

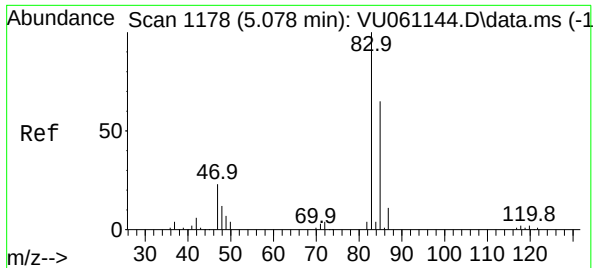
Ion Ratio Lower Upper

128 100

49 157.4 0.0 308.8

130 122.8 105.3 157.9

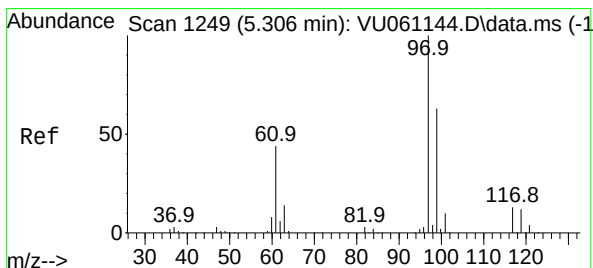
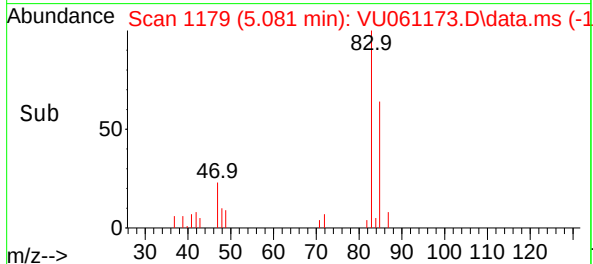
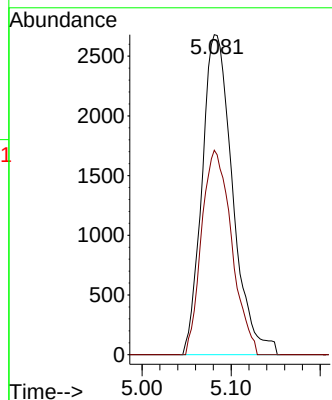
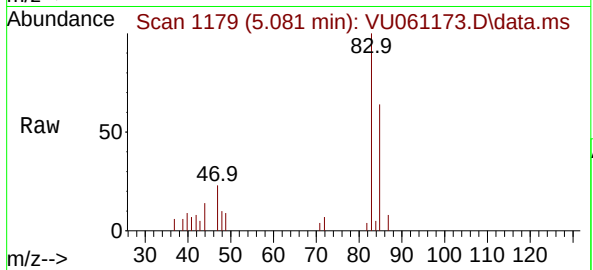




#27
Chloroform
Concen: 0.279 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

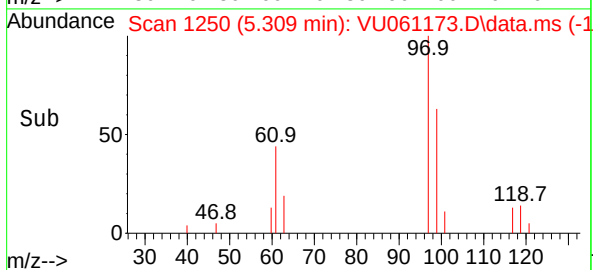
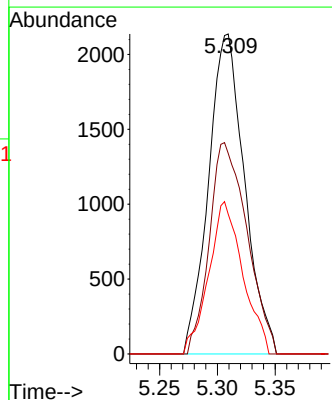
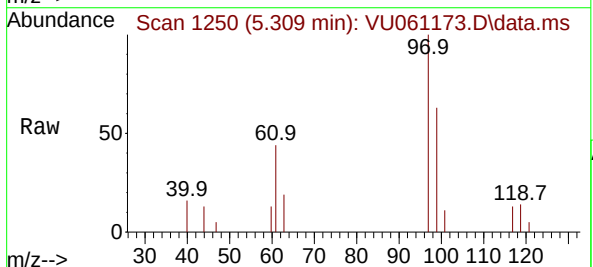
Instrument :
MSVOA_U
ClientSampleId :

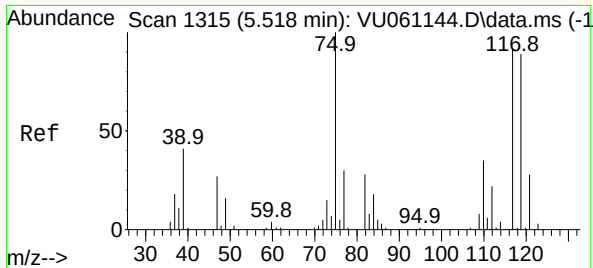
Tgt Ion: 83 Resp: 6396
Ion Ratio Lower Upper
83 100
85 63.9 0.0 129.6



#28
1,1,1-Trichloroethane
Concen: 0.230 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 97 Resp: 4637
Ion Ratio Lower Upper
97 100
99 69.2 31.9 95.5
61 45.0 22.1 66.1

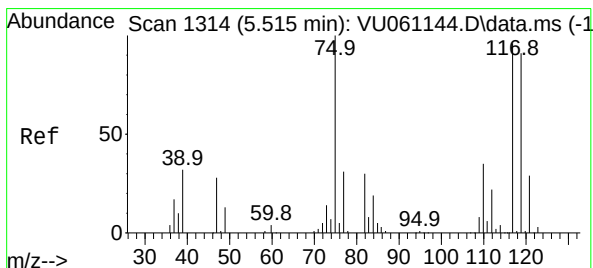
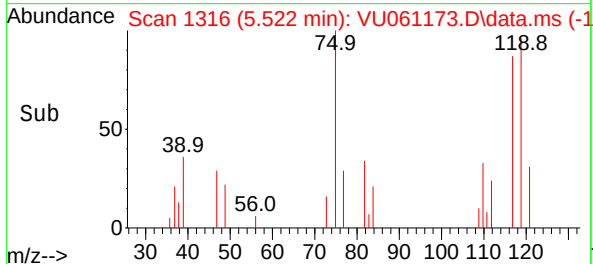
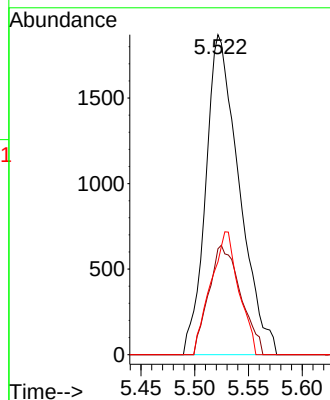
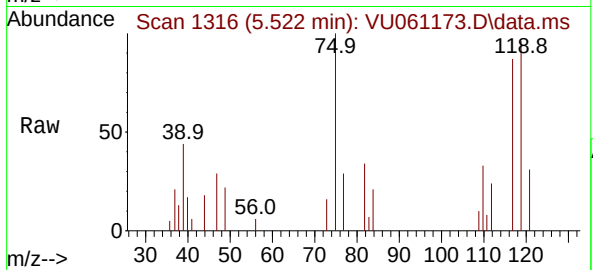




#29
1,1-Dichloropropene
Concen: 0.226 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

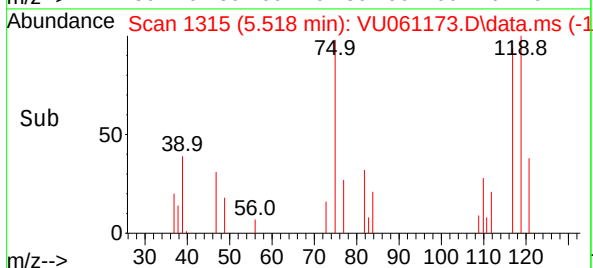
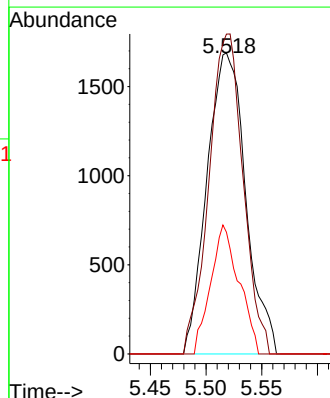
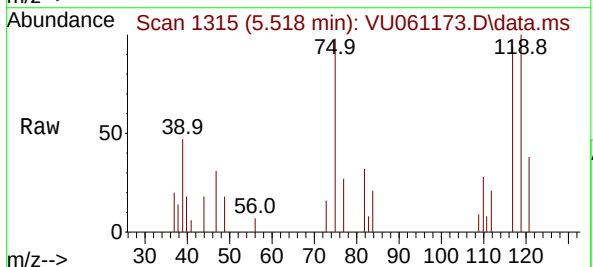
Instrument :
MSVOA_U
ClientSampleId :

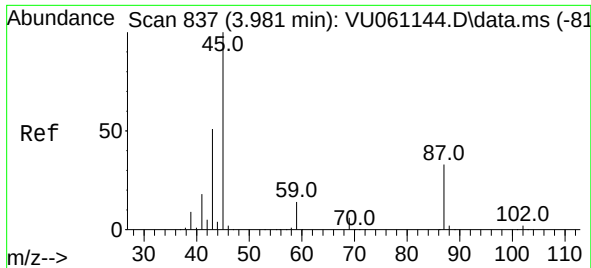
Tgt Ion: 75 Resp: 4040
Ion Ratio Lower Upper
75 100
110 32.6 17.8 53.3
77 32.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.233 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 117 Resp: 4078
Ion Ratio Lower Upper
117 100
119 106.2 76.4 114.6
121 40.4 24.1 36.1#

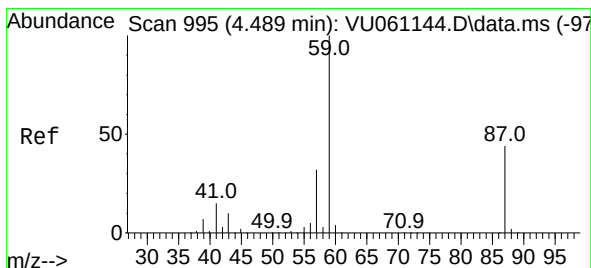
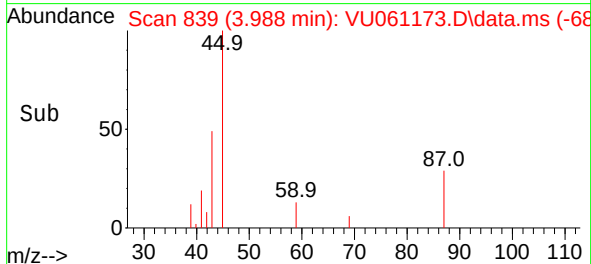
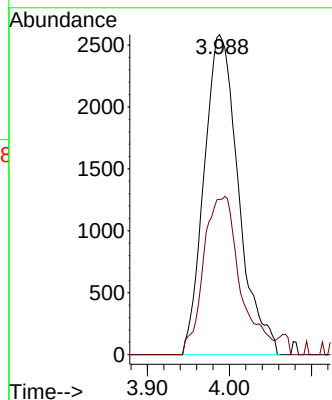
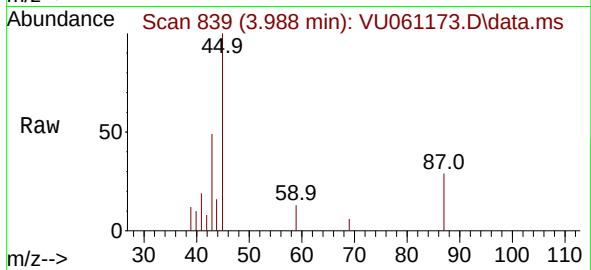




#31
Isopropyl Ether
Concen: 0.242 ug/l
RT: 3.988 min Scan# 837
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

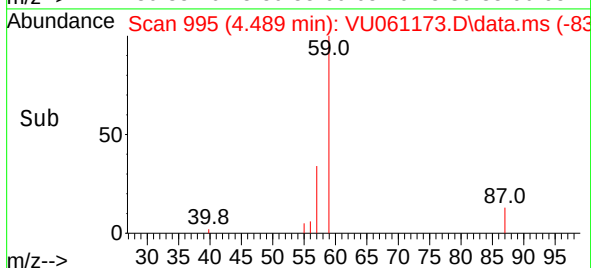
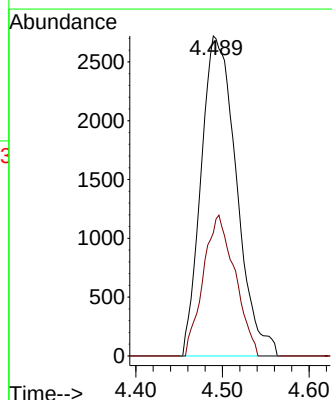
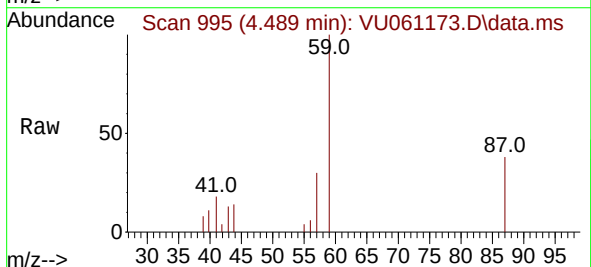
Instrument :
MSVOA_U
ClientSampleId :

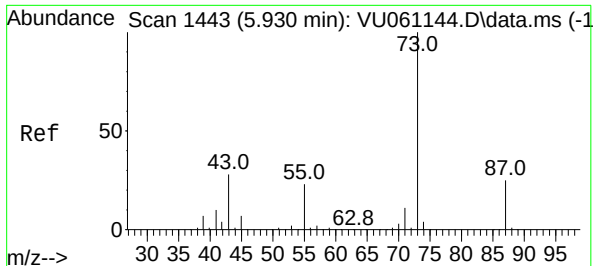
Tgt Ion: 45 Resp: 7545
Ion Ratio Lower Upper
45 100
43 52.5 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.240 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 59 Resp: 7701
Ion Ratio Lower Upper
59 100
87 39.5 34.7 52.1





#33

Tert-Amyl methyl ether

Concen: 0.240 ug/l

RT: 5.936 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU061173.D

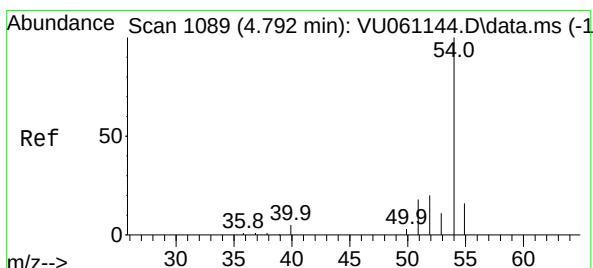
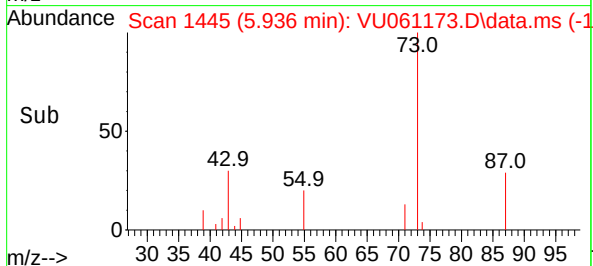
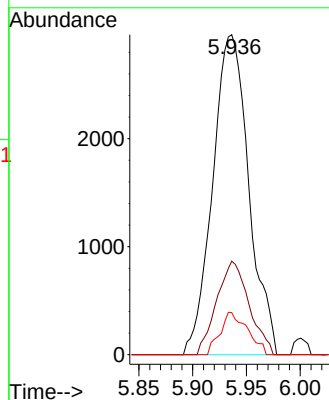
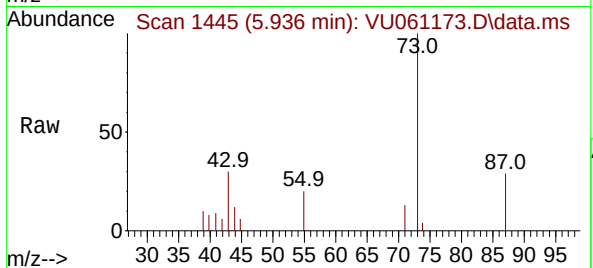
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 6922
Ion Ratio	Lower Upper
73 100	
87 26.2	19.8 29.8
71 10.0	8.6 12.8



#34

Propionitrile

Concen: 0.329 ug/l

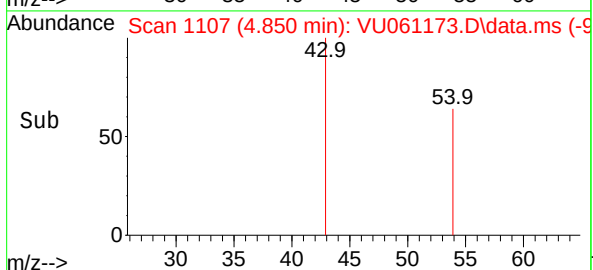
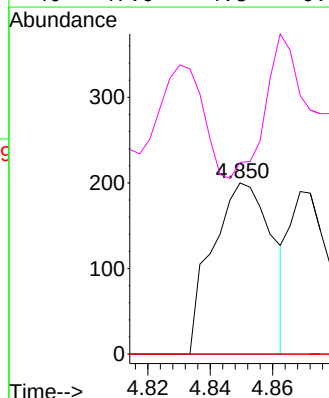
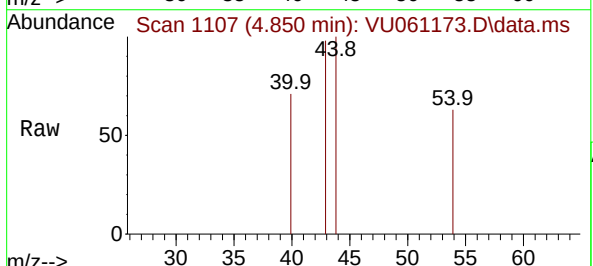
RT: 4.850 min Scan# 1107

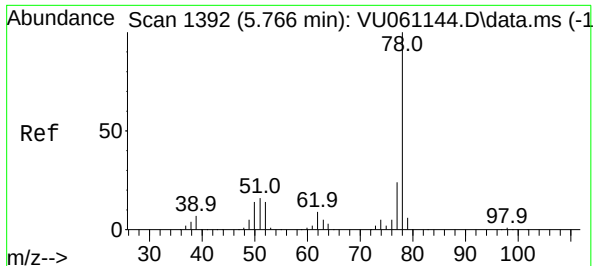
Delta R.T. 0.058 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion: 54	Resp: 265
Ion Ratio	Lower Upper
54 100	
52 0.0	15.3 22.9#
55 0.0	9.7 14.5#
40 47.9	4.3 6.5#





#35

Benzene

Concen: 0.240 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

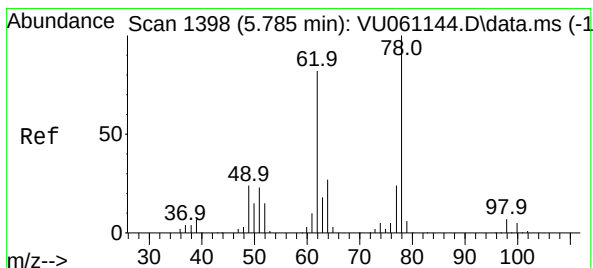
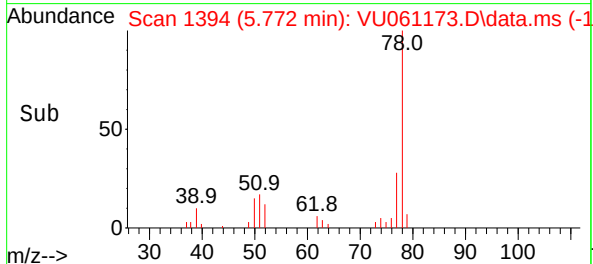
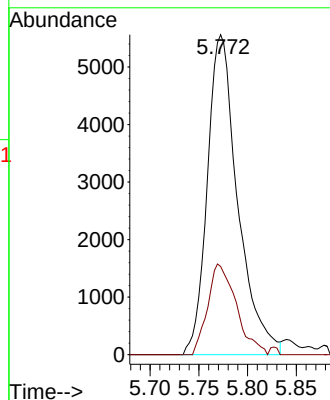
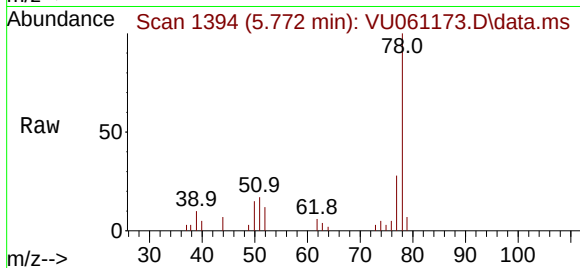
ClientSampleId :

Tgt Ion: 78 Resp: 12078

Ion Ratio Lower Upper

78 100

77 27.5 19.4 29.0



#36

1,2-Dichloroethane

Concen: 0.241 ug/l

RT: 5.798 min Scan# 1402

Delta R.T. 0.013 min

Lab File: VU061173.D

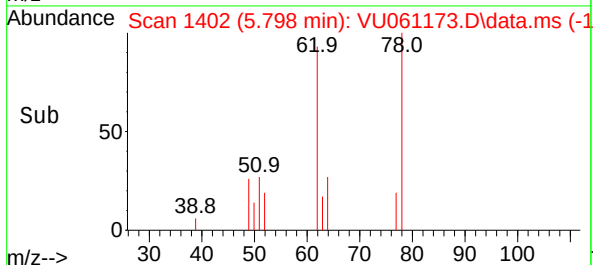
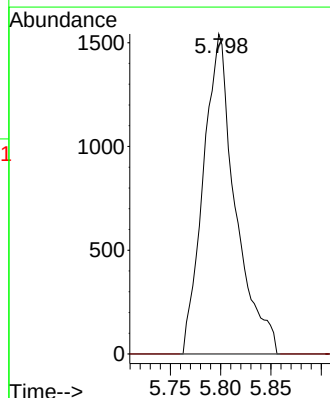
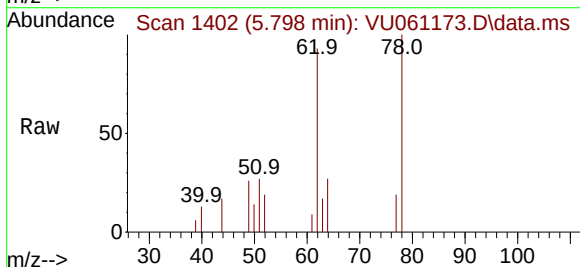
Acq: 21 Oct 2024 15:42

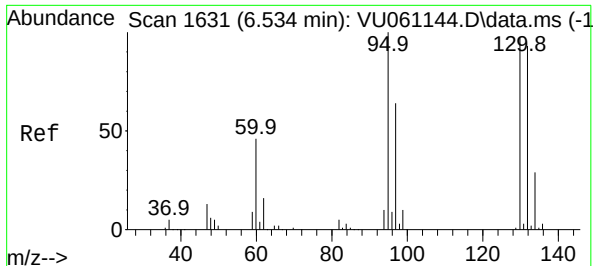
Tgt Ion: 62 Resp: 3417

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#

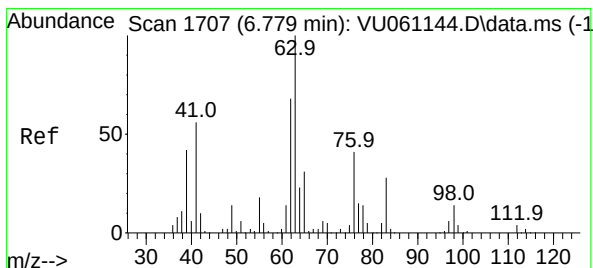
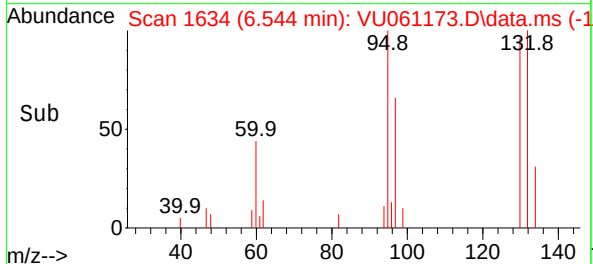
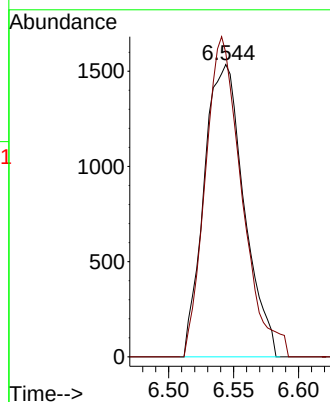
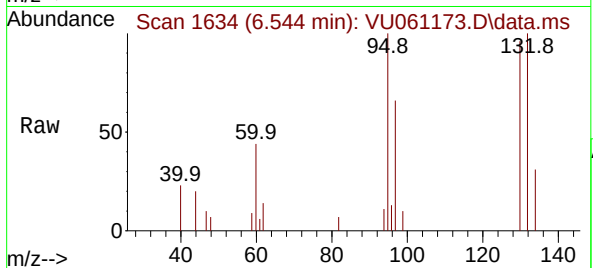




#37
Trichloroethene
Concen: 0.245 ug/l
RT: 6.544 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

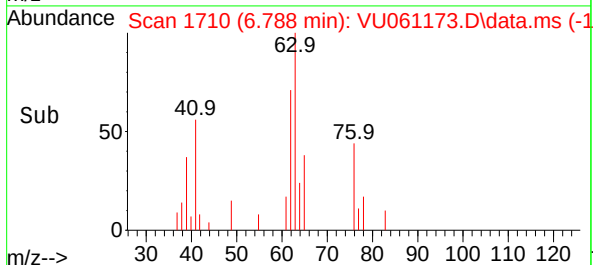
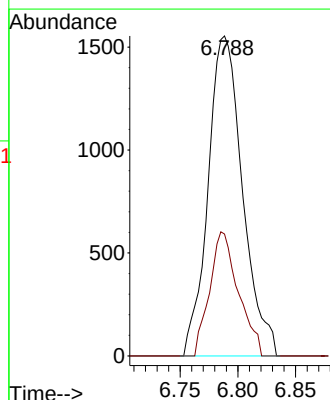
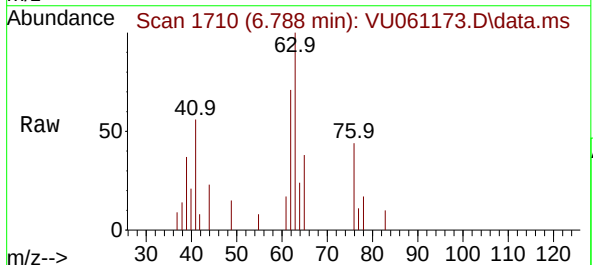
Instrument :
MSVOA_U
ClientSampleId :

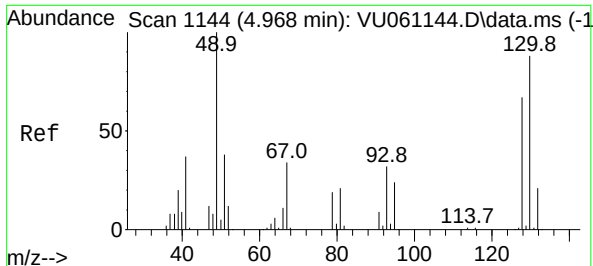
Tgt Ion:130 Resp: 3284
Ion Ratio Lower Upper
130 100
95 104.0 82.6 123.8



#38
1,2-Dichloropropane
Concen: 0.253 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 63 Resp: 3227
Ion Ratio Lower Upper
63 100
65 38.1 25.0 37.6#





#39

Methacrylonitrile

Concen: 0.160 ug/l

RT: 5.020 min Scan# 1160

Delta R.T. 0.051 min

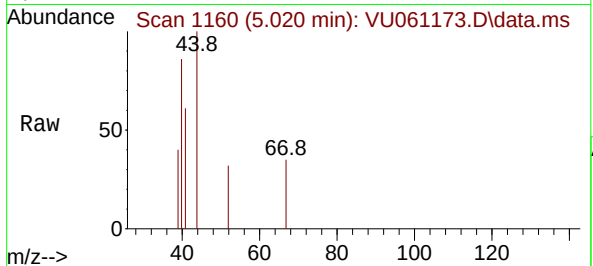
Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 464

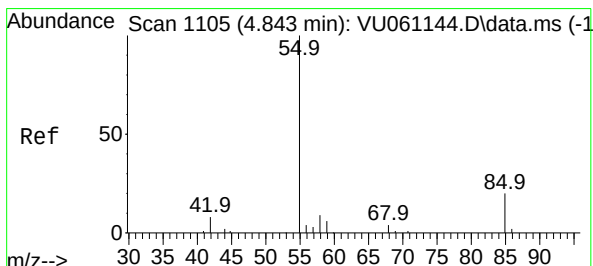
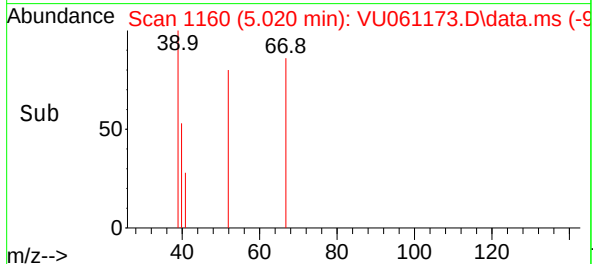
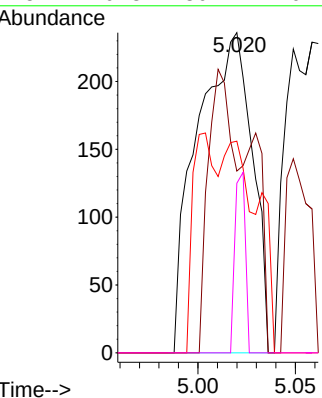
Ion Ratio Lower Upper

41 100

67 40.9 78.1 117.1#

39 30.2 44.6 67.0#

52 10.8 30.7 46.1#



#40

Methyl acrylate

Concen: 0.071 ug/l

RT: 4.914 min Scan# 1127

Delta R.T. 0.071 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion: 55 Resp: 418

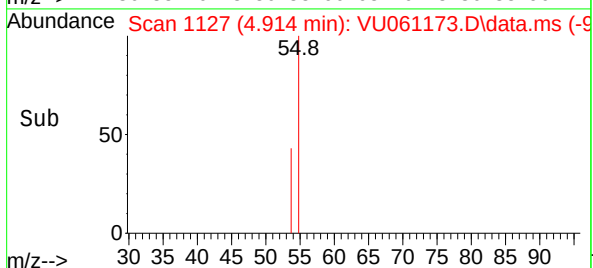
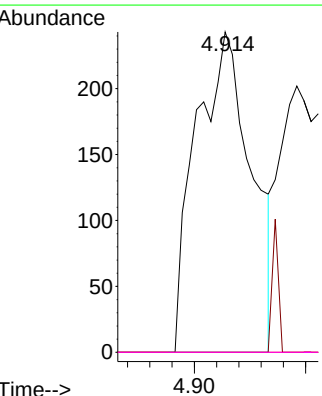
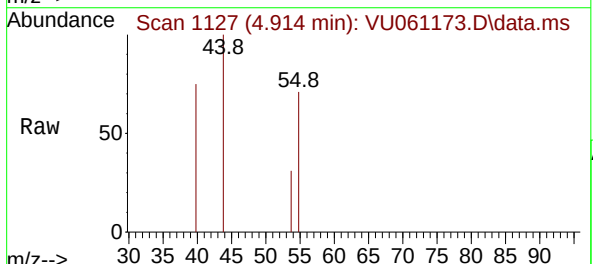
Ion Ratio Lower Upper

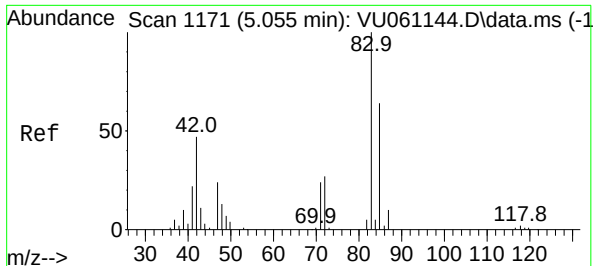
55 100

85 0.0 14.1 21.1#

58 0.0 6.9 10.3#

42 9.8 5.6 8.4#





#41

Tetrahydrofuran

Concen: 0.168 ug/l

RT: 5.075 min Scan# 1171

Delta R.T. 0.019 min

Lab File: VU061173.D

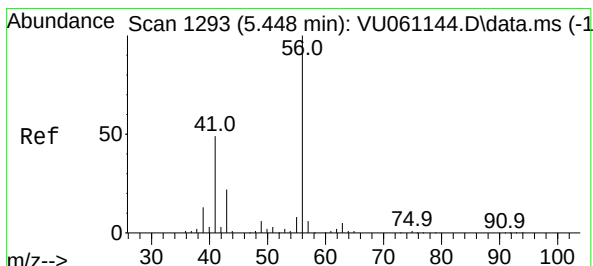
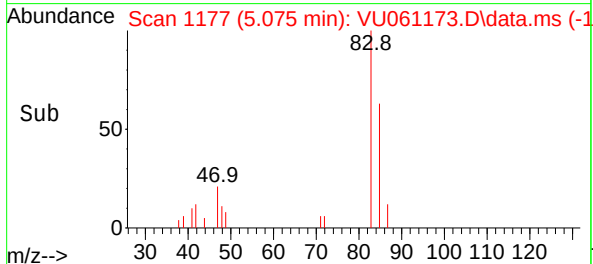
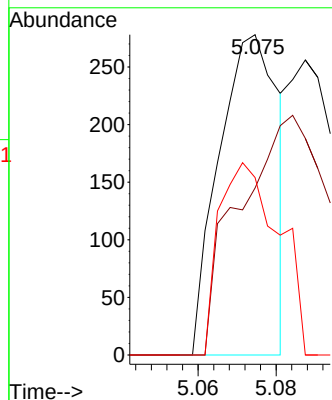
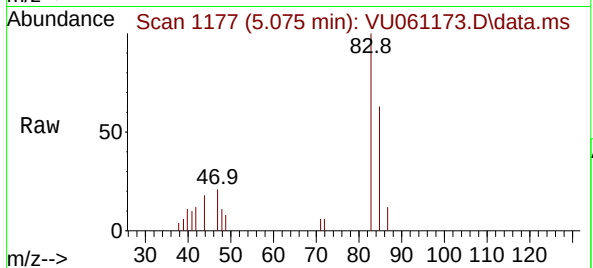
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	292
Ion Ratio	Lower	Upper	
42	100		
72	110.6	47.8	71.8#
71	60.6	41.5	62.3



#42

1-Chlorobutane

Concen: 0.252 ug/l

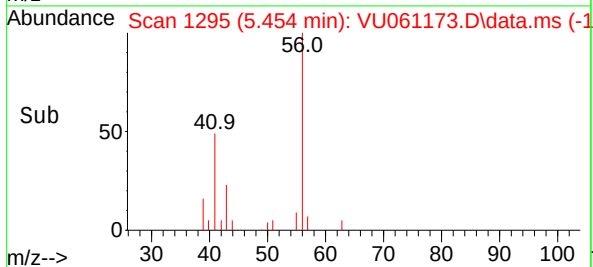
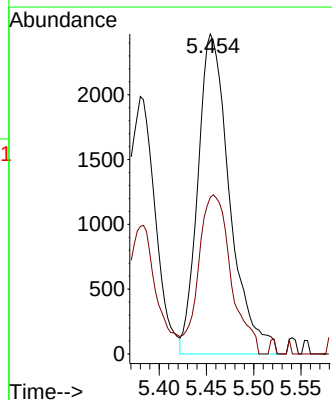
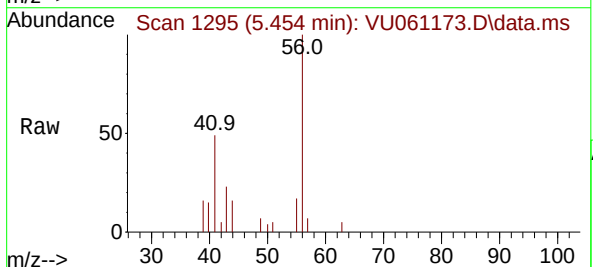
RT: 5.454 min Scan# 1295

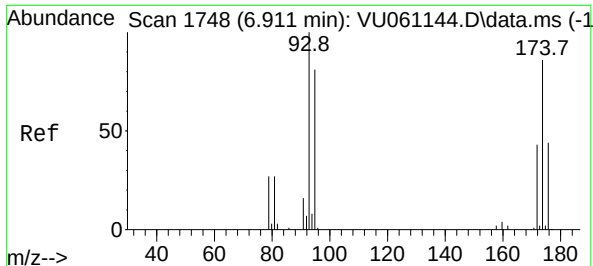
Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:	56	Resp:	5773
Ion Ratio	Lower	Upper	
56	100		
41	50.6	23.9	71.7





#43

Dibromomethane

Concen: 0.230 ug/l

RT: 6.920 min Scan# 1

Delta R.T. 0.010 min

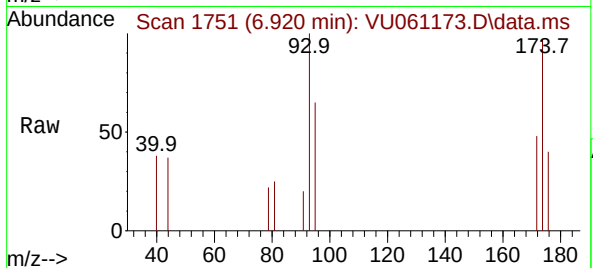
Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :



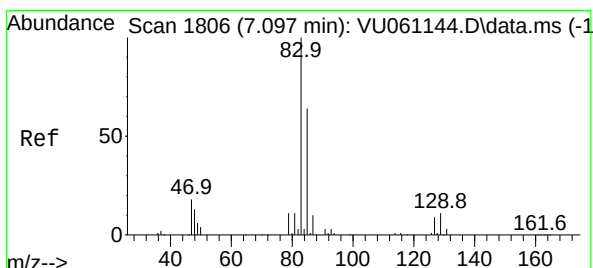
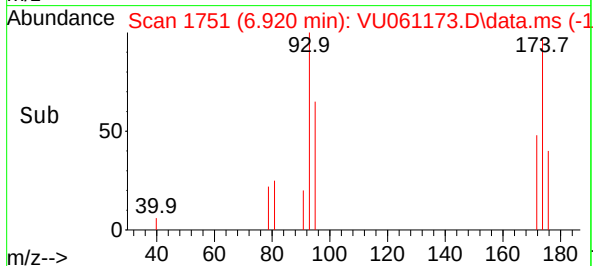
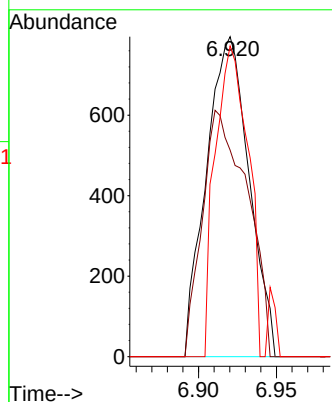
Tgt Ion: 93 Resp: 1516

Ion Ratio Lower Upper

93 100

95 81.1 67.5 101.3

174 74.1 71.2 106.8



#44

Bromodichloromethane

Concen: 0.242 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

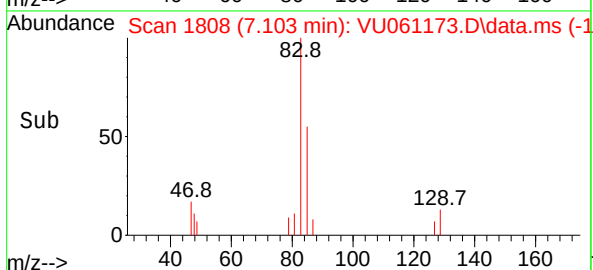
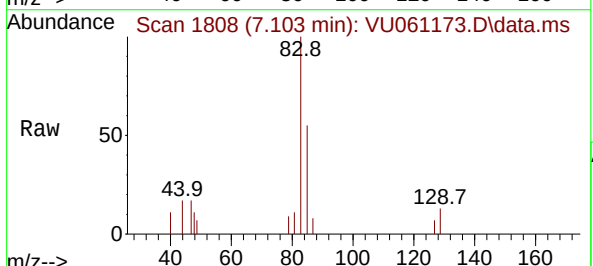
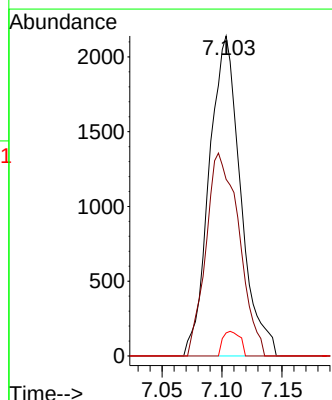
Tgt Ion: 83 Resp: 3890

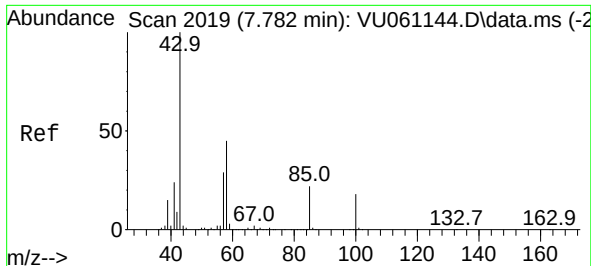
Ion Ratio Lower Upper

83 100

85 55.2 51.4 77.2

127 7.2 7.4 11.2#

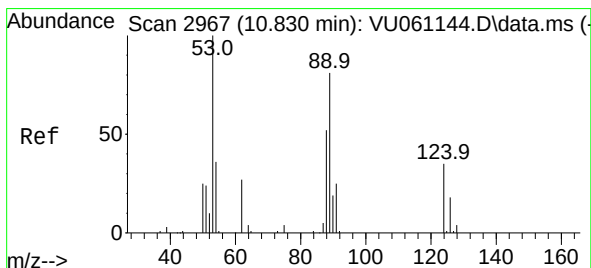
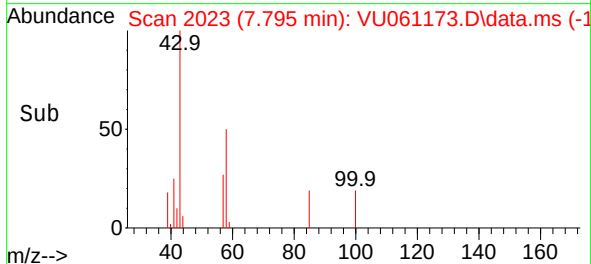
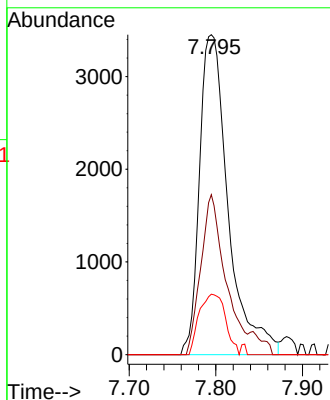
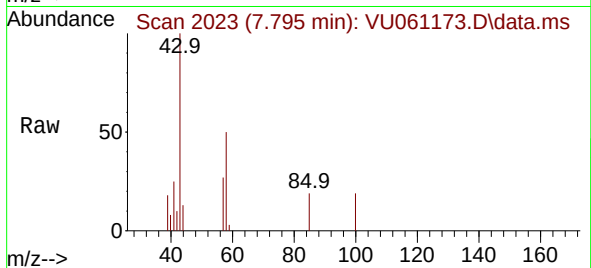




#45
4-Methyl-2-Pentanone
Concen: 1.198 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

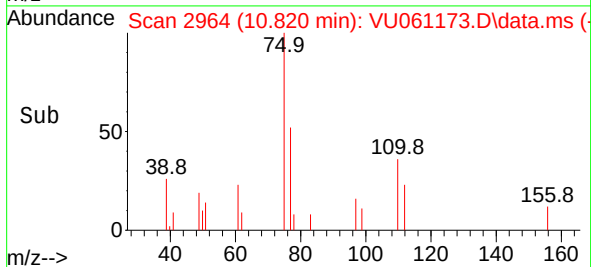
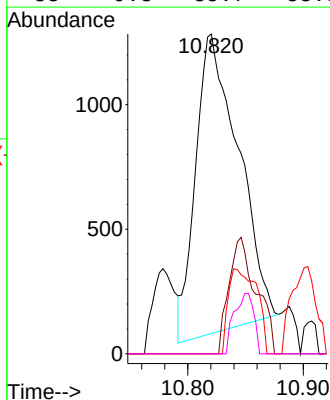
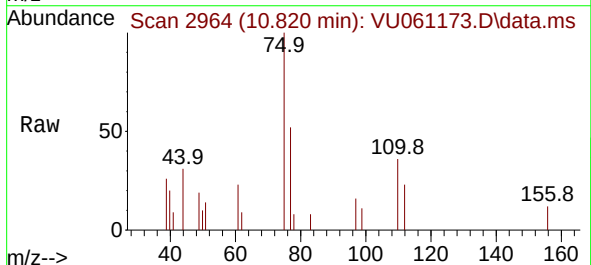
Instrument :
MSVOA_U
ClientSampleId :

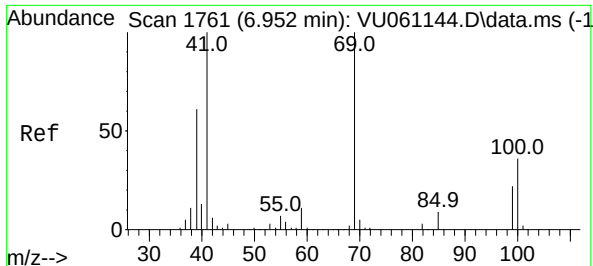
Tgt Ion: 43 Resp: 7943
Ion Ratio Lower Upper
43 100
58 42.7 22.2 66.6
85 17.3 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 1.166 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 75 Resp: 3081
Ion Ratio Lower Upper
75 100
53 25.0 66.0 99.0#
89 18.9 48.0 72.0#
88 9.3 35.7 53.5#

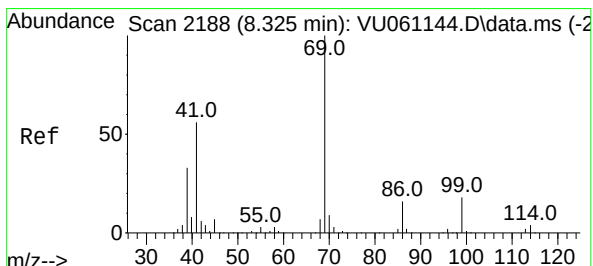
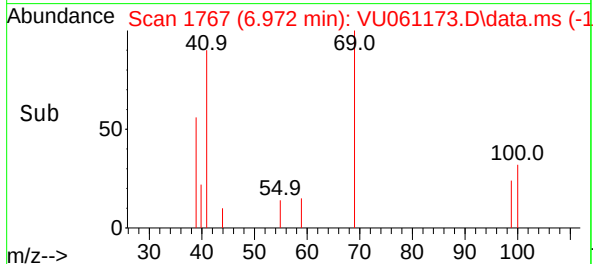
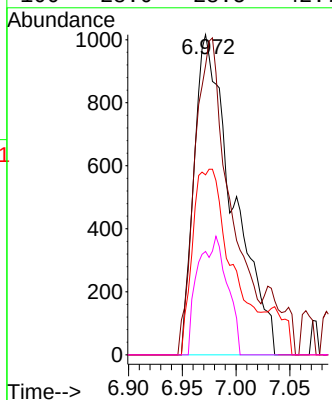
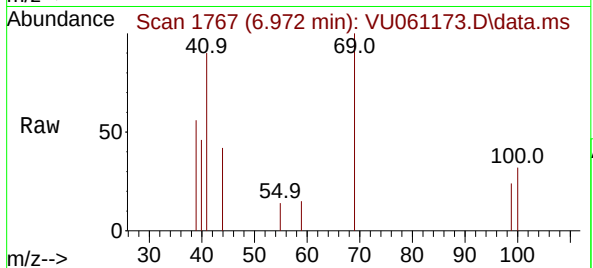




#47
Methyl methacrylate
Concen: 0.444 ug/l
RT: 6.972 min Scan# 1
Delta R.T. 0.019 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

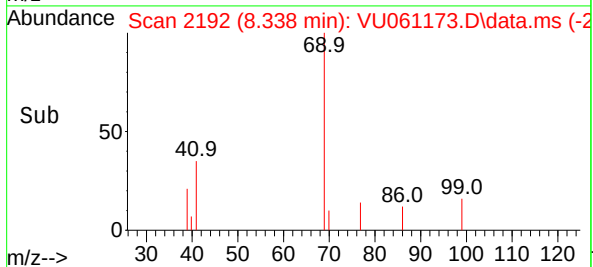
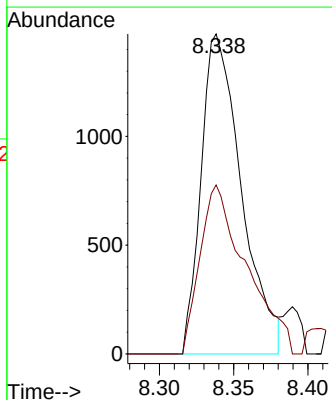
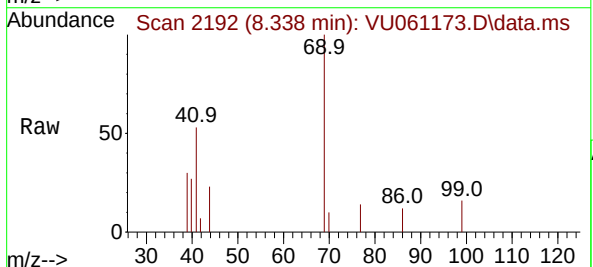
Instrument :
MSVOA_U
ClientSampleId :

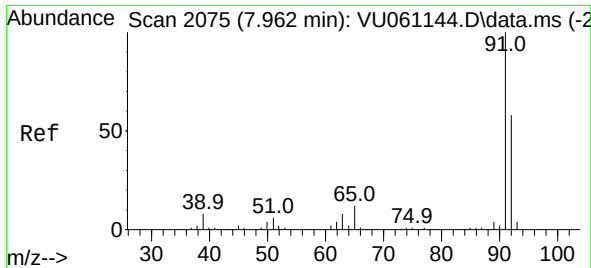
Tgt Ion: 69 Resp: 2546
Ion Ratio Lower Upper
69 100
41 91.0 0.0 196.0
39 58.4 48.0 72.0
100 28.0 28.5 42.7#



#48
Ethyl methacrylate
Concen: 0.227 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 69 Resp: 2777
Ion Ratio Lower Upper
69 100
41 60.6 28.1 84.3





#49

Toluene

Concen: 0.253 ug/l

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

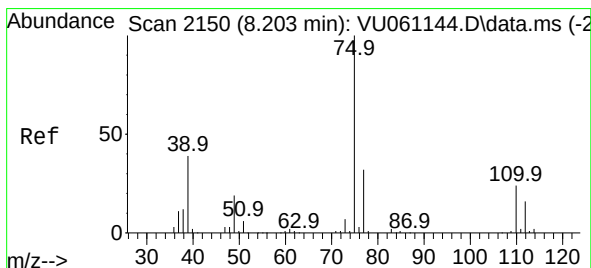
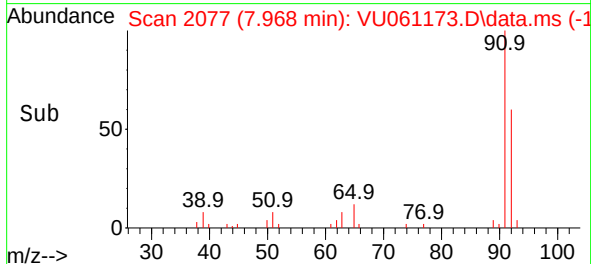
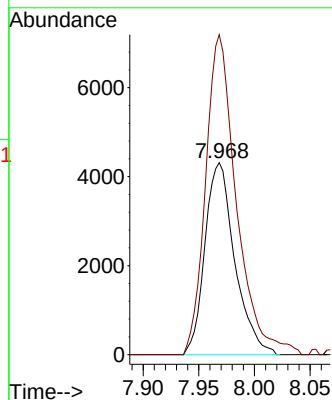
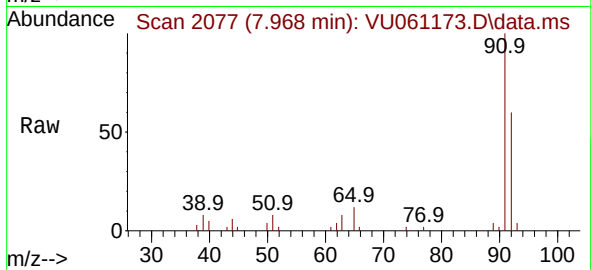
ClientSampleId :

Tgt Ion: 92 Resp: 8028

Ion Ratio Lower Upper

92 100

91 172.3 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 0.219 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU061173.D

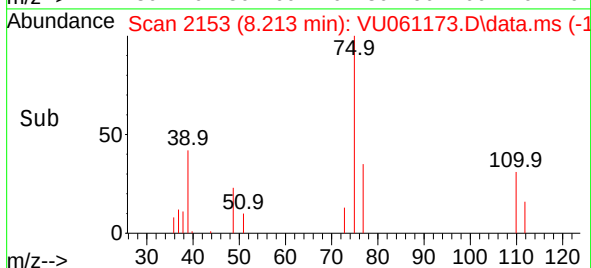
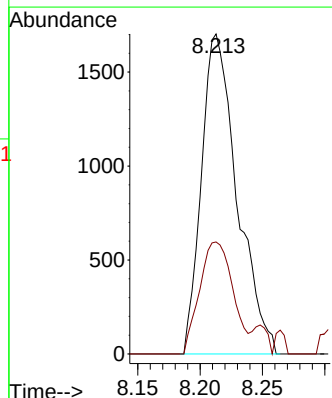
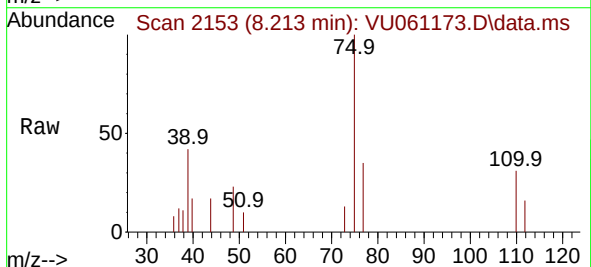
Acq: 21 Oct 2024 15:42

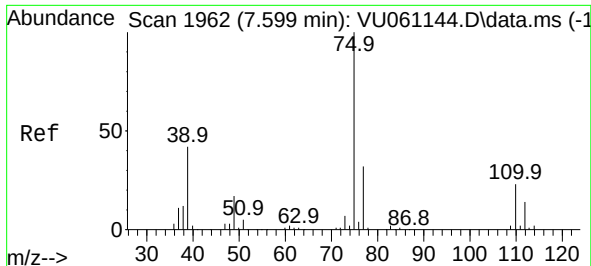
Tgt Ion: 75 Resp: 3393

Ion Ratio Lower Upper

75 100

77 35.0 25.9 38.9

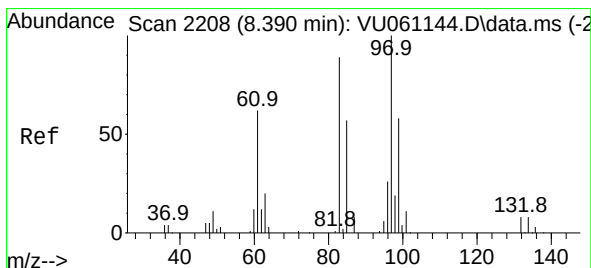
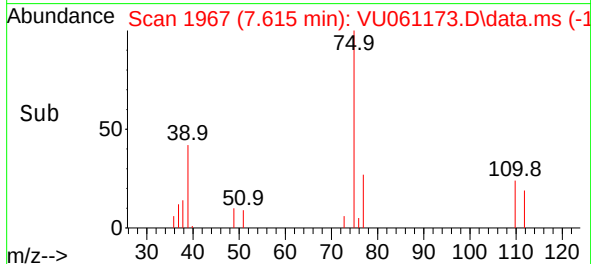
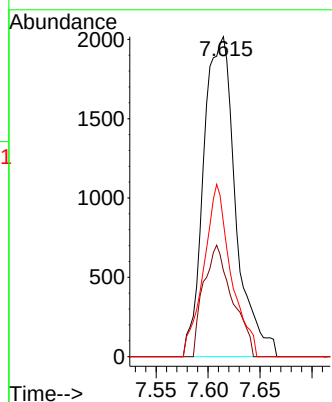
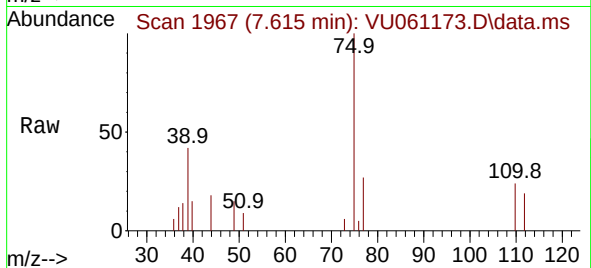




#51
 cis-1,3-Dichloropropene
 Concen: 0.227 ug/l
 RT: 7.615 min Scan# 1962
 Delta R.T. 0.016 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

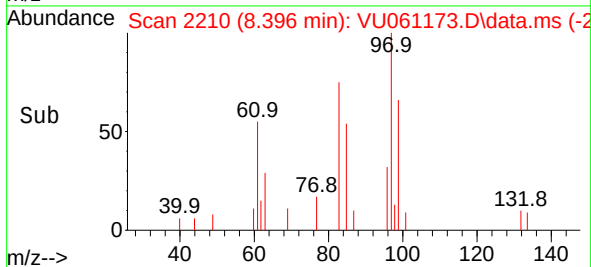
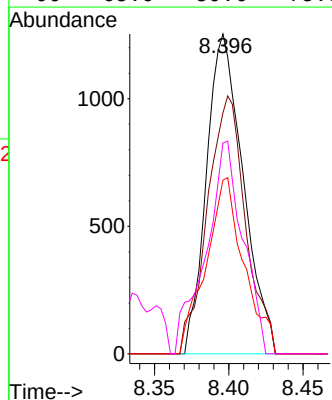
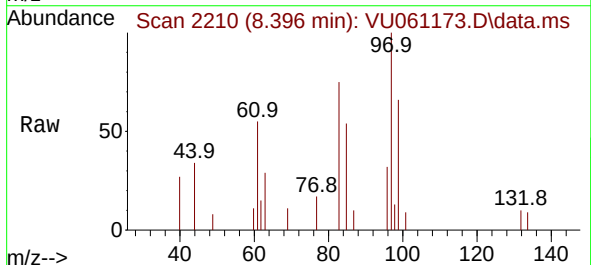
Instrument :
 MSVOA_U
 ClientSampleId :

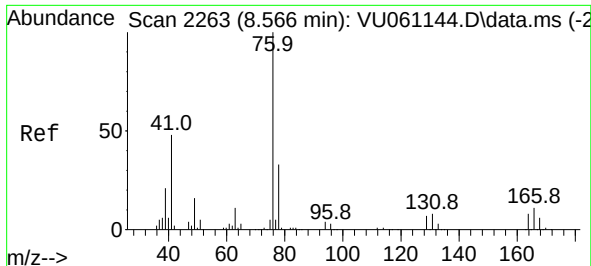
Tgt Ion: 75 Resp: 4320
 Ion Ratio Lower Upper
 75 100
 77 26.9 25.8 38.8
 39 41.9 33.7 50.5



#52
 1,1,2-Trichloroethane
 Concen: 0.242 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

Tgt Ion: 97 Resp: 2155
 Ion Ratio Lower Upper
 97 100
 83 75.3 71.0 106.4
 85 54.3 46.1 69.1
 99 65.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.257 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

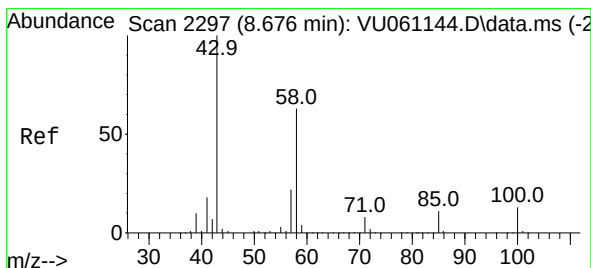
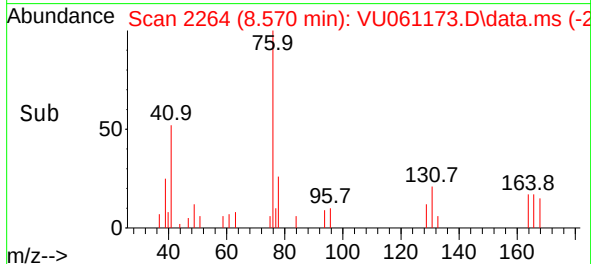
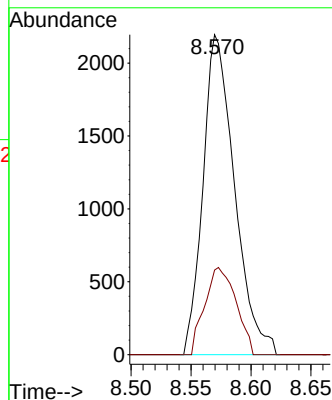
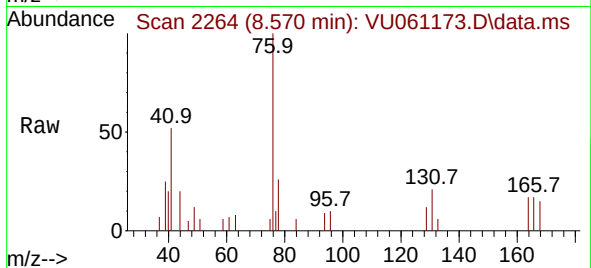
ClientSampleId :

Tgt Ion: 76 Resp: 4014

Ion Ratio Lower Upper

76 100

78 27.0 26.2 39.2



#54

2-Hexanone

Concen: 1.024 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.019 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

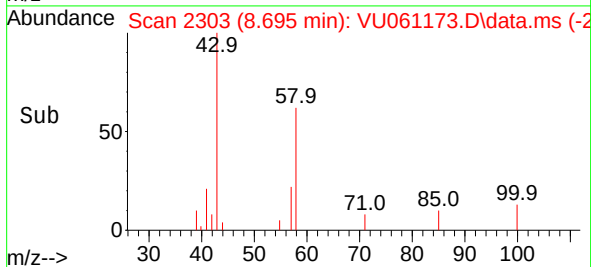
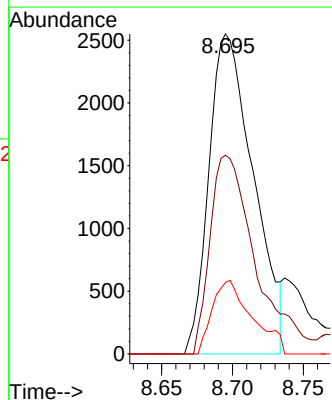
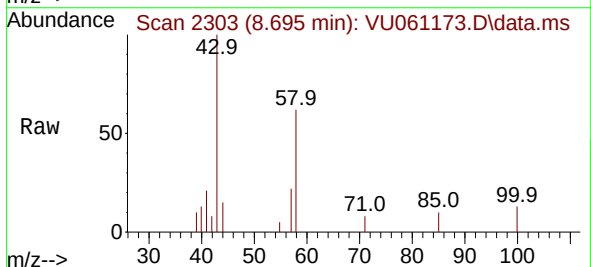
Tgt Ion: 43 Resp: 5575

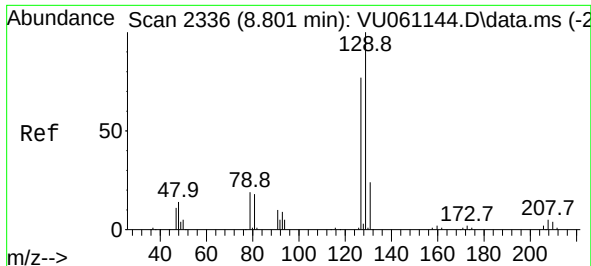
Ion Ratio Lower Upper

43 100

58 63.5 41.8 81.8

57 20.5 1.4 41.4





#55

Dibromochloromethane

Concen: 0.217 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

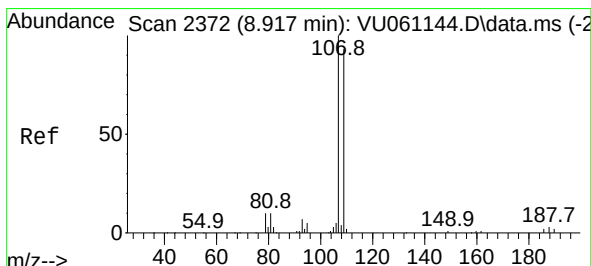
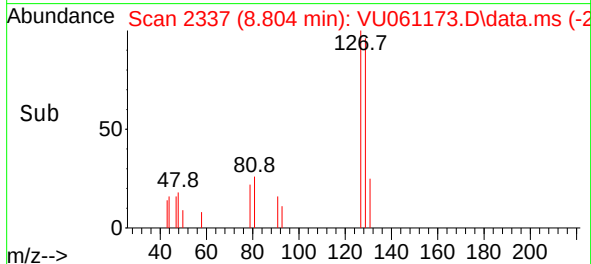
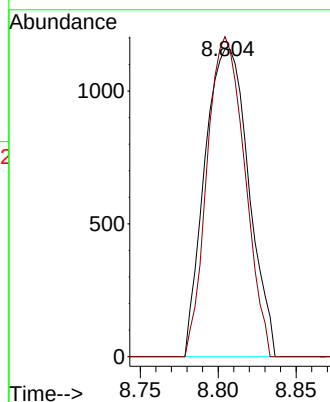
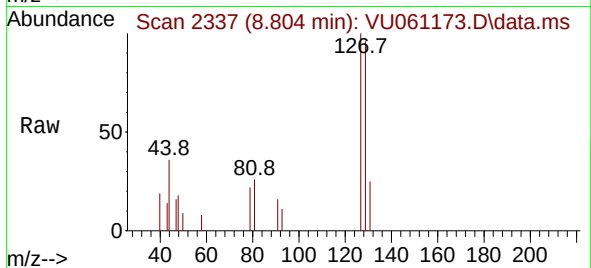
ClientSampleId :

Tgt Ion:129 Resp: 2279

Ion Ratio Lower Upper

129 100

127 88.9 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.245 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU061173.D

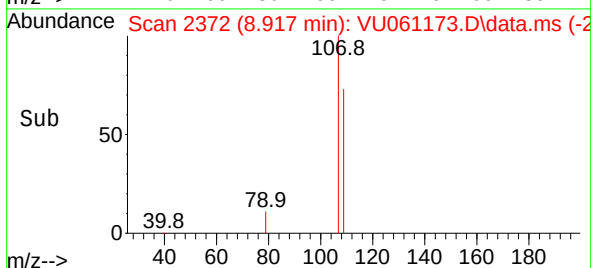
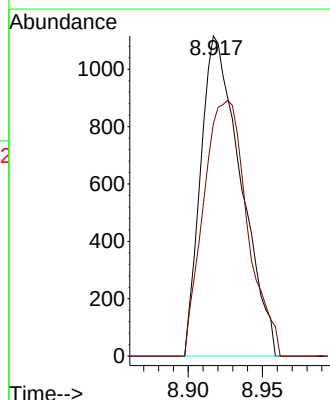
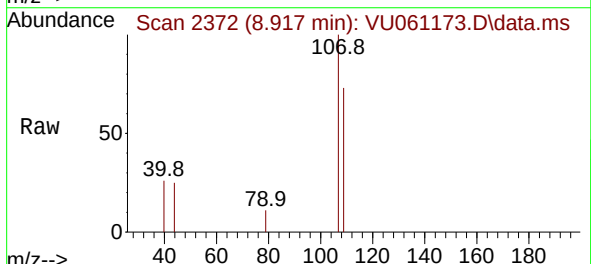
Acq: 21 Oct 2024 15:42

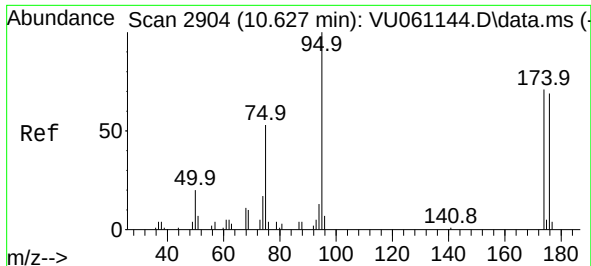
Tgt Ion:107 Resp: 2094

Ion Ratio Lower Upper

107 100

109 87.4 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.932 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

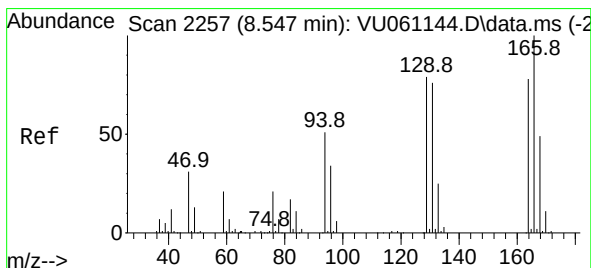
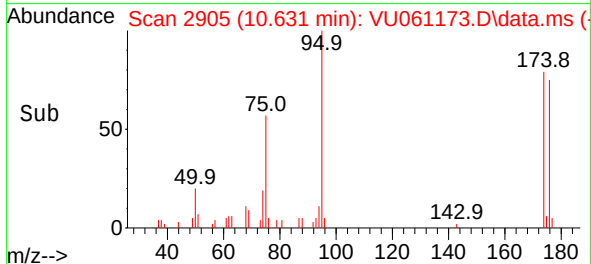
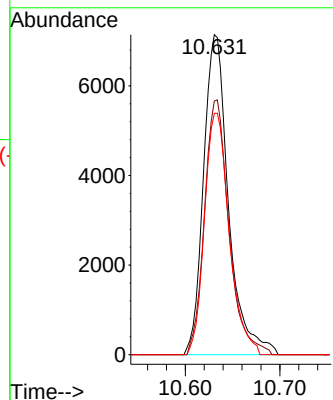
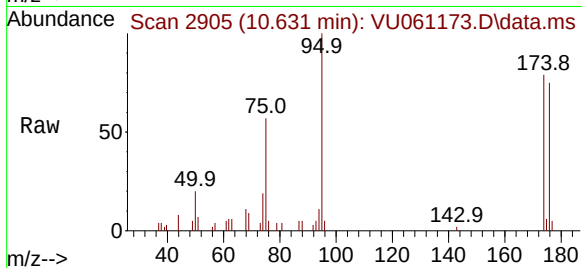
Tgt Ion: 95 Resp: 13115

Ion Ratio Lower Upper

95 100

174 78.2 55.4 83.0

176 74.4 54.4 81.6



#58

Tetrachloroethene

Concen: 0.253 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:164 Resp: 2874

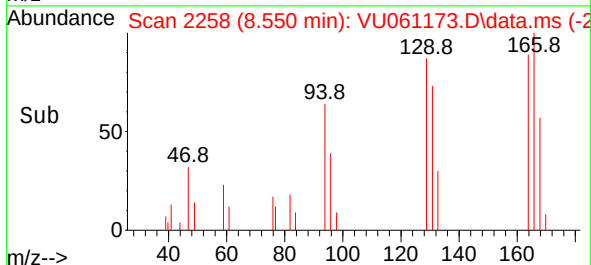
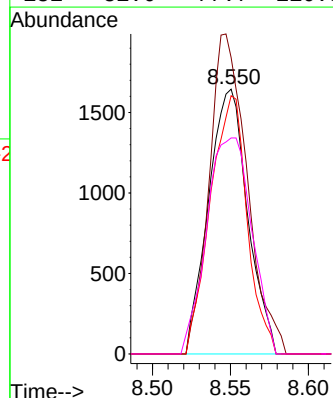
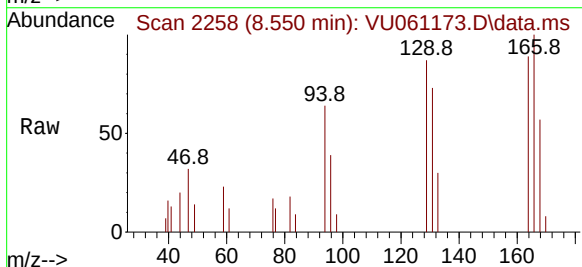
Ion Ratio Lower Upper

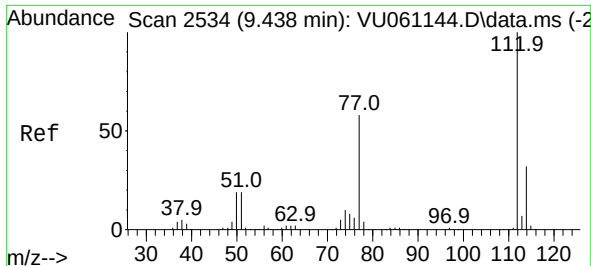
164 100

166 112.0 102.1 153.1

129 97.5 80.6 120.8

131 81.6 77.7 116.5

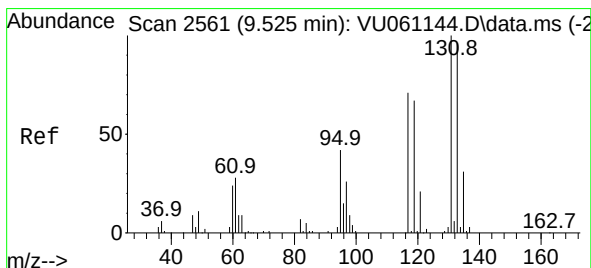
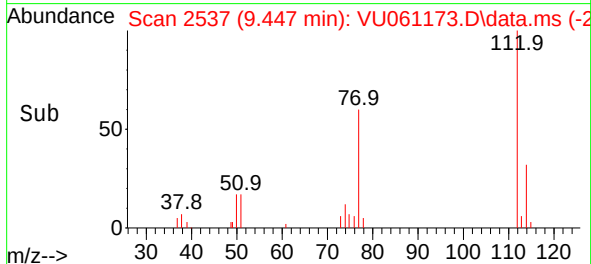
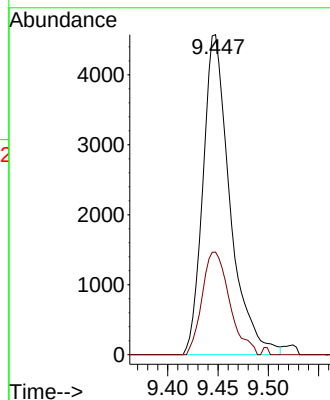
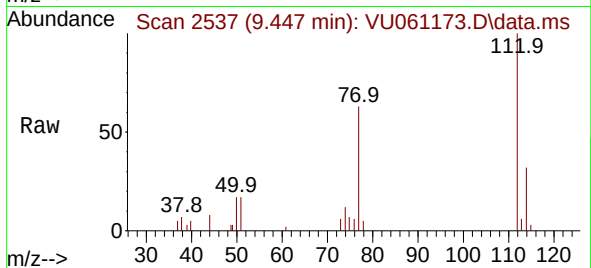




#59
Chlorobenzene
Concen: 0.250 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

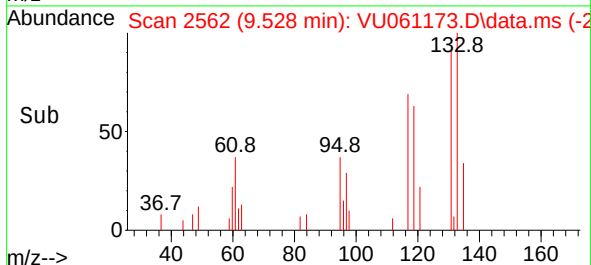
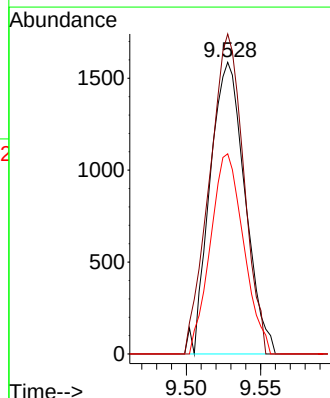
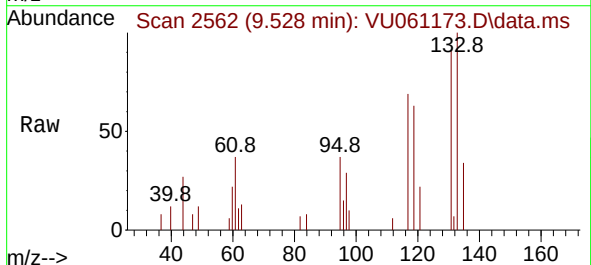
Instrument :
MSVOA_U
ClientSampleId :

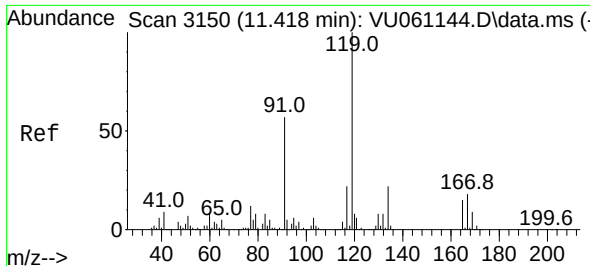
Tgt Ion:112 Resp: 8550
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.225 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:131 Resp: 2600
Ion Ratio Lower Upper
131 100
133 107.3 76.8 115.2
119 65.4 54.2 81.2

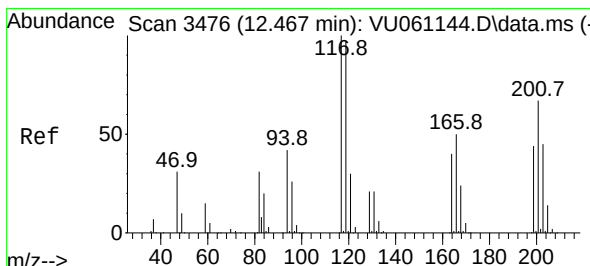
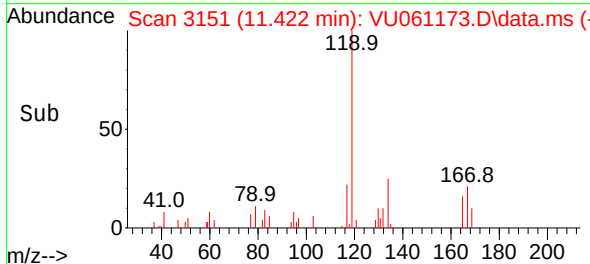
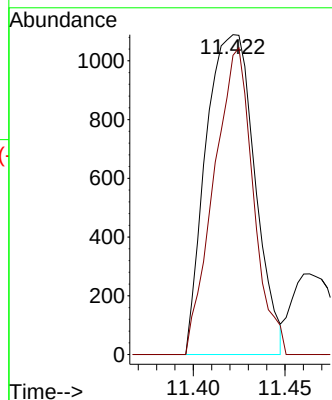
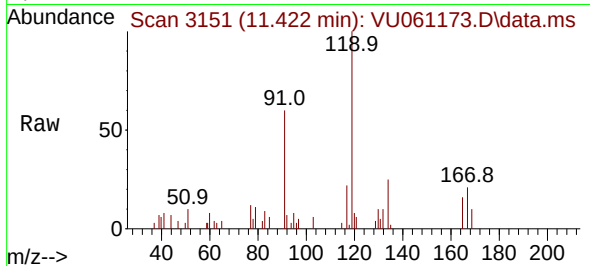




#61
 Pentachloroethane
 Concen: 0.228 ug/l
 RT: 11.422 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

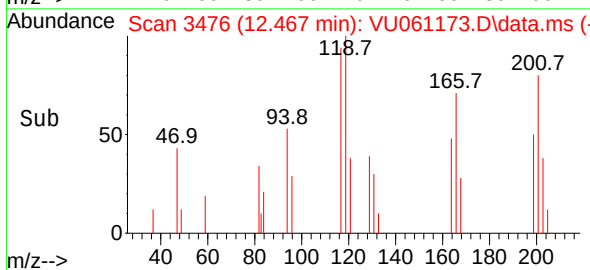
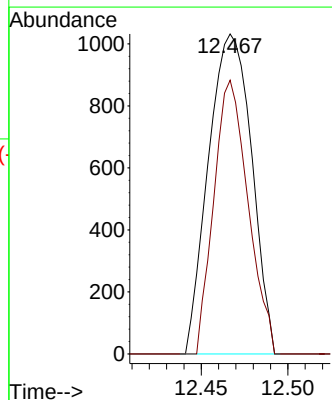
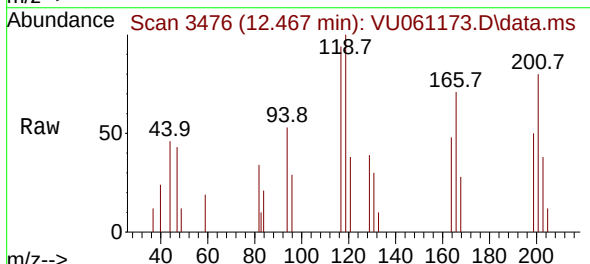
Instrument :
 MSVOA_U
 ClientSampleId :

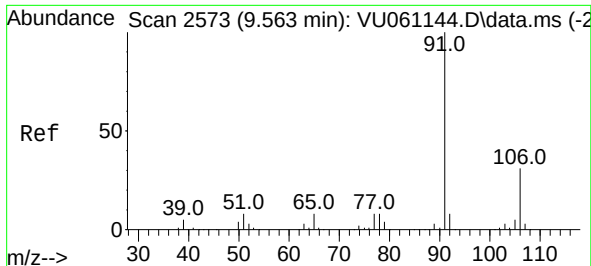
Tgt Ion:117 Resp: 2016
 Ion Ratio Lower Upper
 117 100
 167 77.3 63.4 95.2



#62
 Hexachloroethane
 Concen: 0.197 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

Tgt Ion:117 Resp: 1790
 Ion Ratio Lower Upper
 117 100
 201 67.9 54.3 81.5

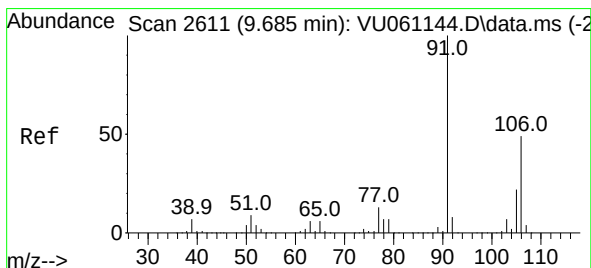
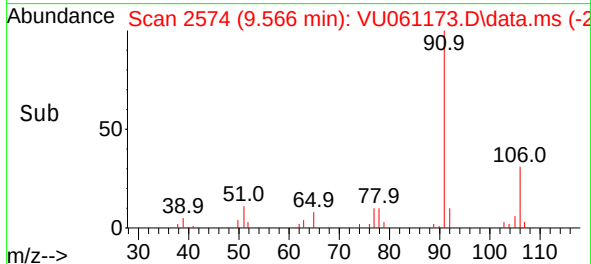
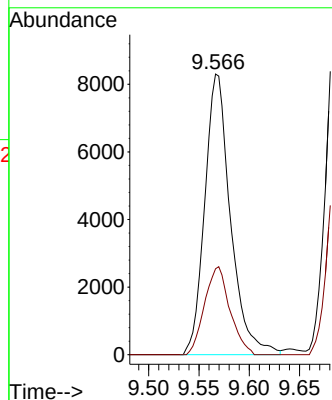
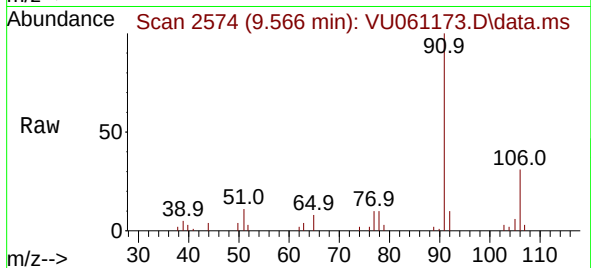




#63
Ethyl Benzene
Concen: 0.241 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

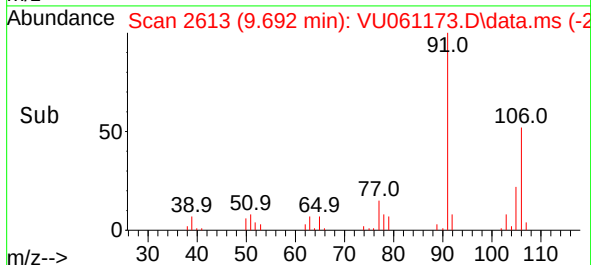
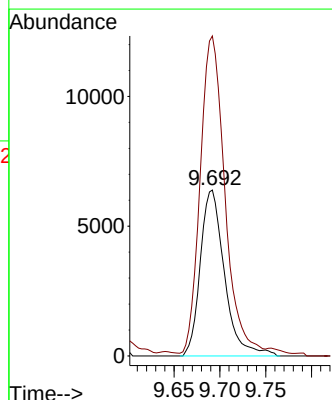
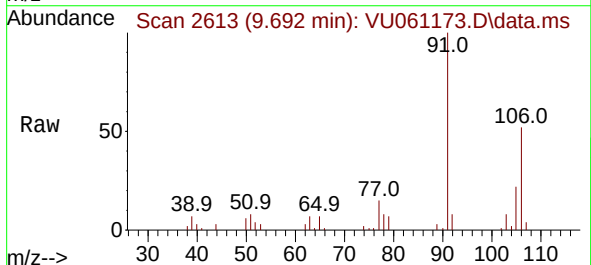
Instrument :
MSVOA_U
ClientSampleId :

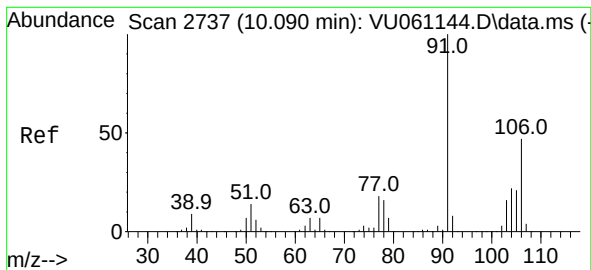
Tgt Ion: 91 Resp: 14798
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0



#64
m/p-Xylenes
Concen: 0.503 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:106 Resp: 11738
Ion Ratio Lower Upper
106 100
91 193.5 163.3 244.9





#65

o-Xylene

Concen: 0.242 ug/l

RT: 10.097 min Scan# 2739

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

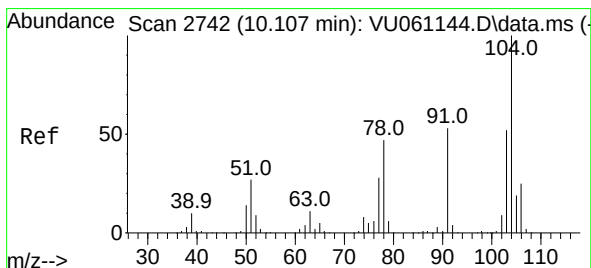
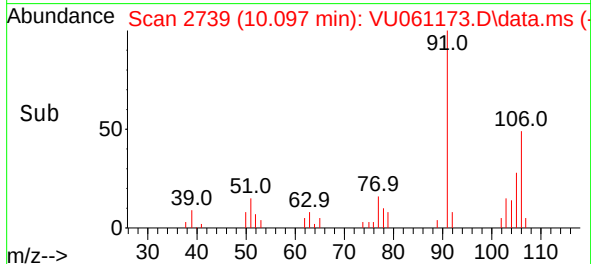
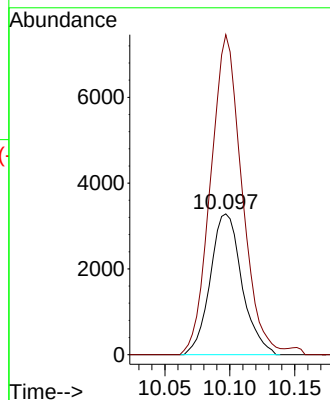
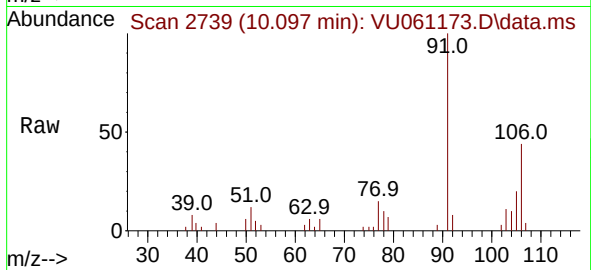
ClientSampleId :

Tgt Ion:106 Resp: 5567

Ion Ratio Lower Upper

106 100

91 224.3 106.9 320.8



#66

Styrene

Concen: 0.224 ug/l

RT: 10.116 min Scan# 2745

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

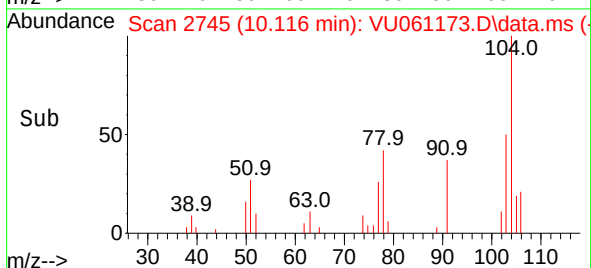
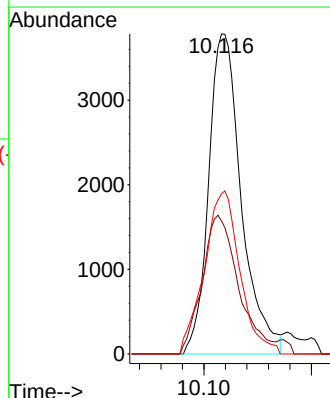
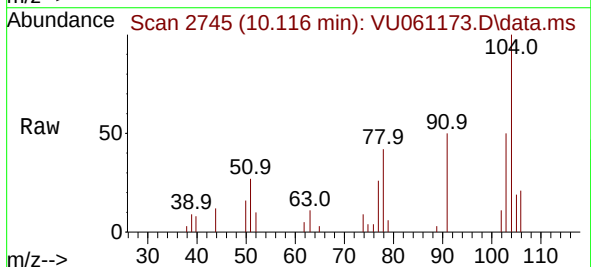
Tgt Ion:104 Resp: 7988

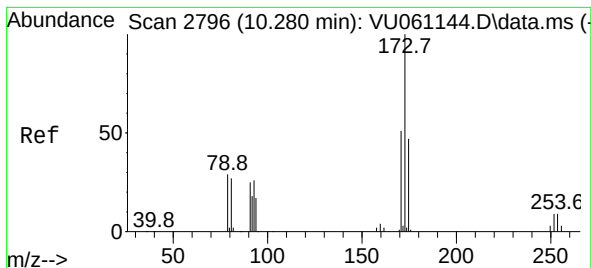
Ion Ratio Lower Upper

104 100

78 48.5 41.6 62.4

103 55.5 45.0 67.6





#67

Bromoform

Concen: 0.215 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

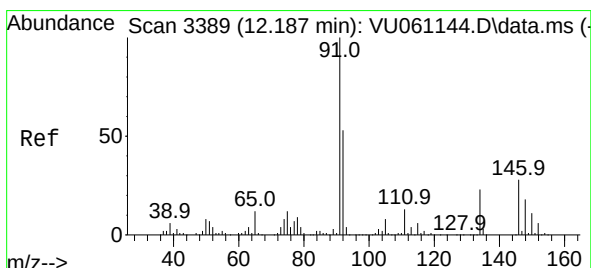
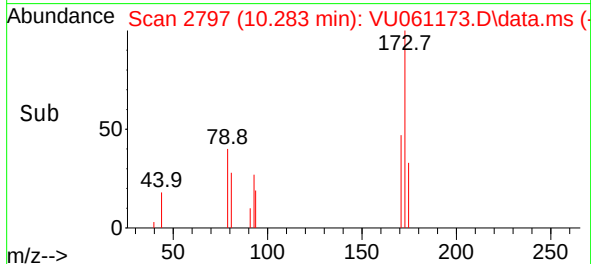
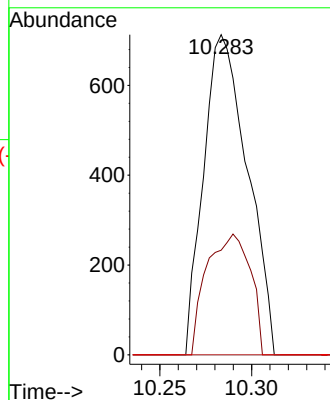
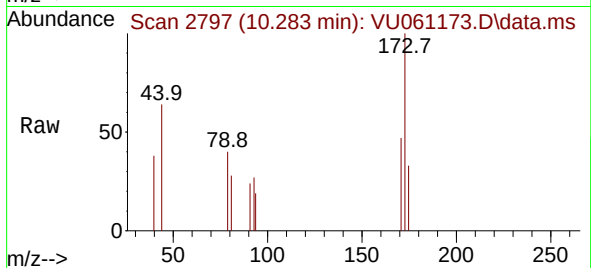
Tgt Ion:173 Resp: 1184

Ion Ratio Lower Upper

173 100

175 37.4 37.8 56.8#

254 0.0 7.0 10.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.951 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

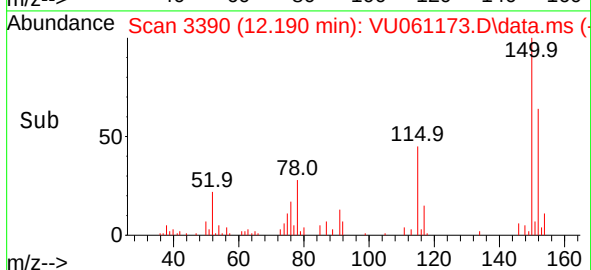
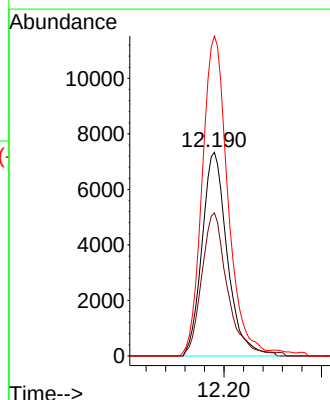
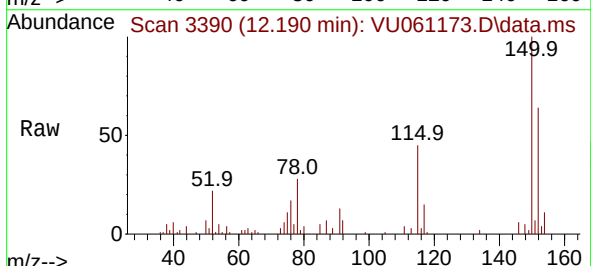
Tgt Ion:152 Resp: 13185

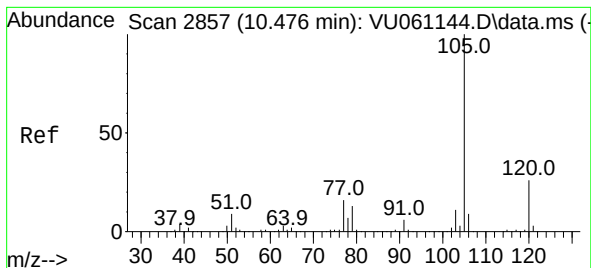
Ion Ratio Lower Upper

152 100

115 71.4 0.0 275.0

150 159.4 0.0 668.8





#69

Isopropylbenzene

Concen: 0.237 ug/l

RT: 10.480 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

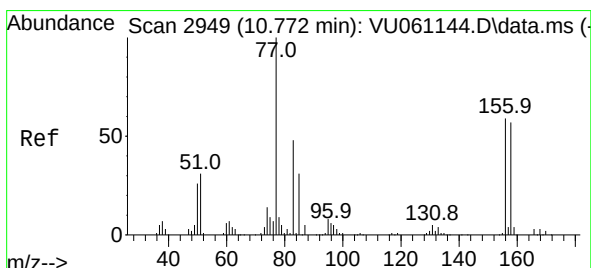
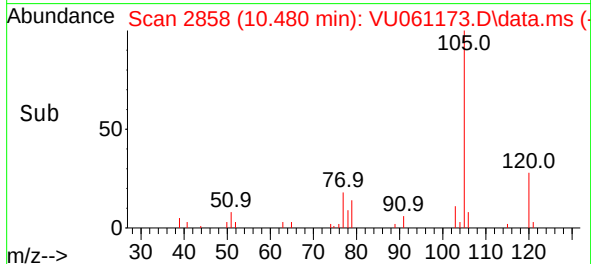
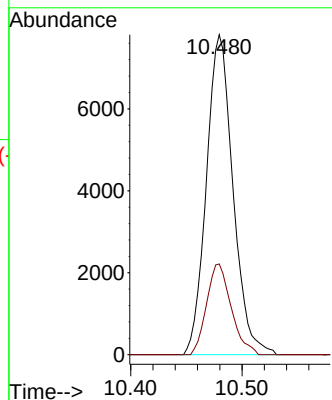
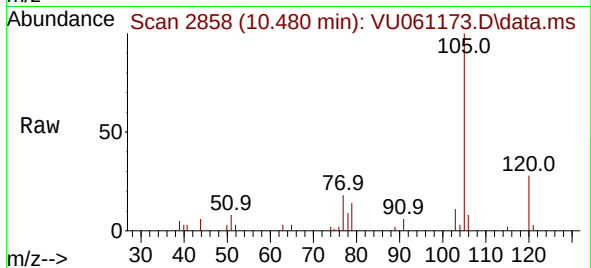
ClientSampleId :

Tgt Ion:105 Resp: 12974

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.245 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

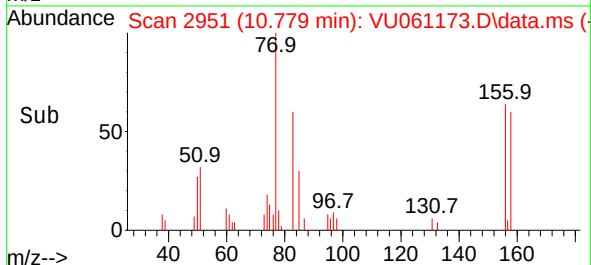
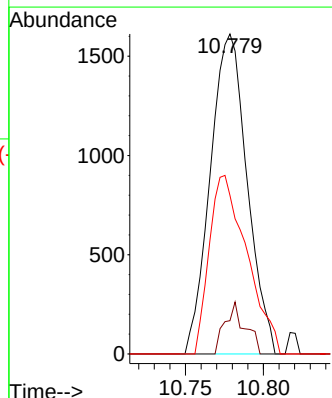
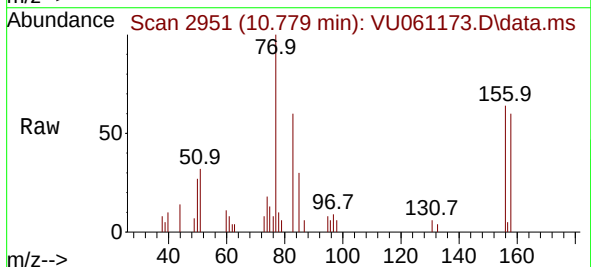
Tgt Ion: 83 Resp: 2652

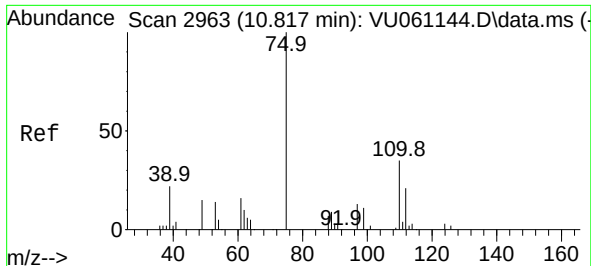
Ion Ratio Lower Upper

83 100

131 8.9 7.8 11.8

85 57.1 50.8 76.2

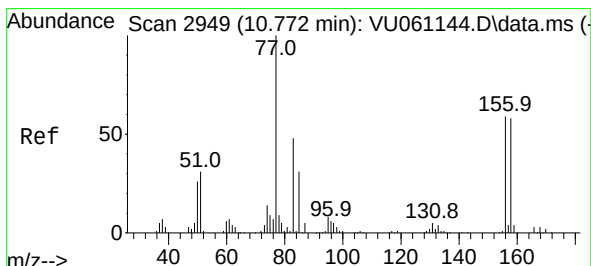
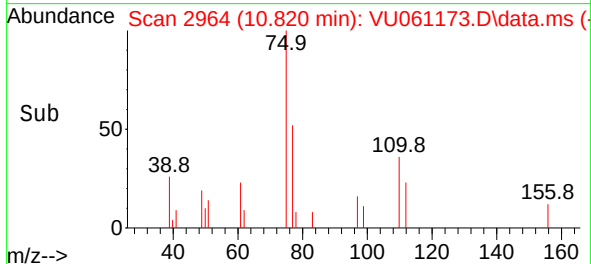
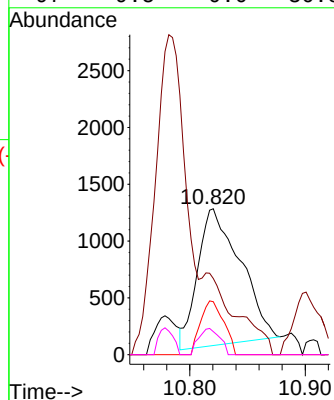
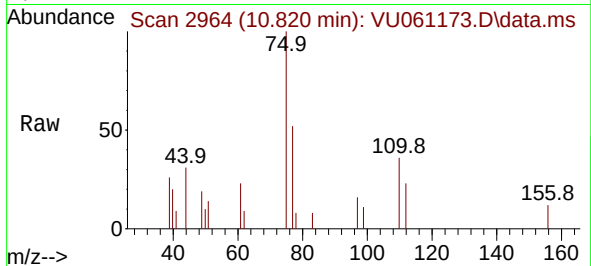




#71
1,2,3-Trichloropropane
Concen: 0.350 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

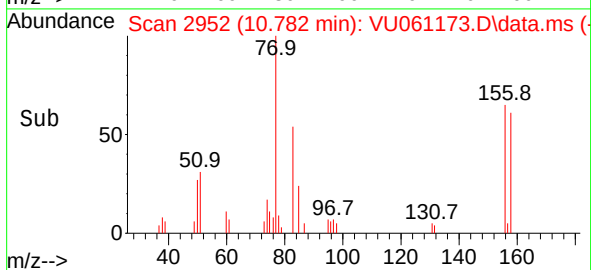
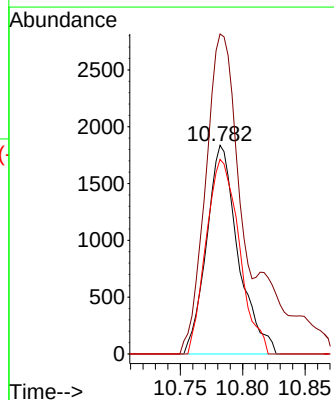
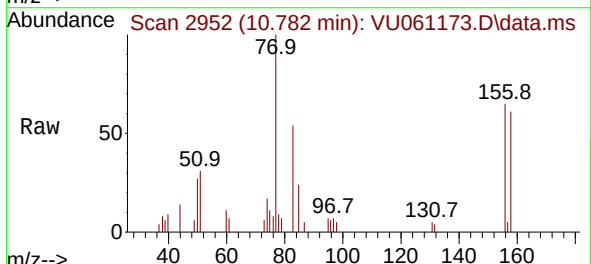
Instrument :
MSVOA_U
ClientSampleId :

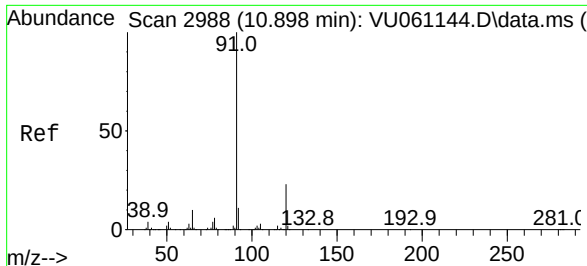
Tgt Ion: 75 Resp: 3081
Ion Ratio Lower Upper
75 100
77 27.5 0.0 0.0#
110 21.5 0.0 68.6
97 9.5 0.0 36.8



#72
Bromobenzene
Concen: 0.247 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:156 Resp: 3247
Ion Ratio Lower Upper
156 100
77 161.2 0.0 337.2
158 97.4 0.0 192.8

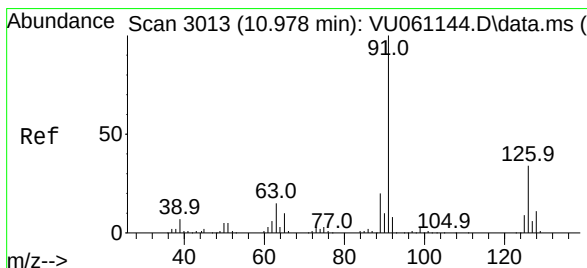
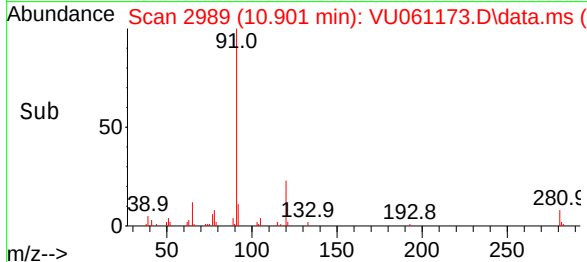
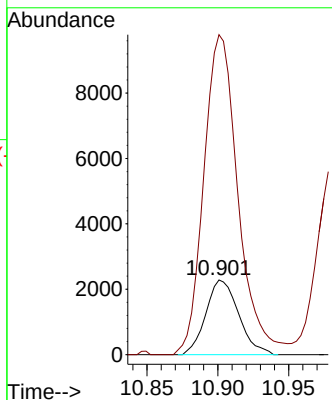
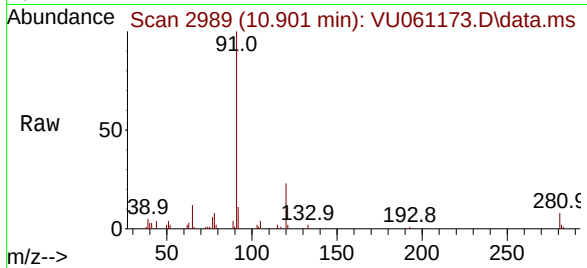




#73
n-propylbenzene
Concen: 0.230 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

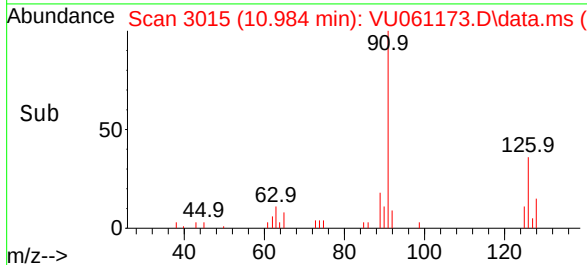
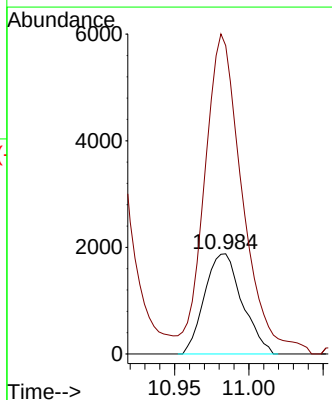
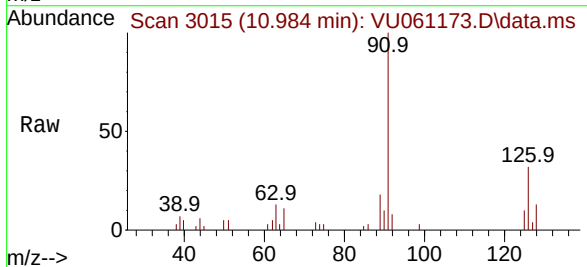
Instrument :
MSVOA_U
ClientSampleId :

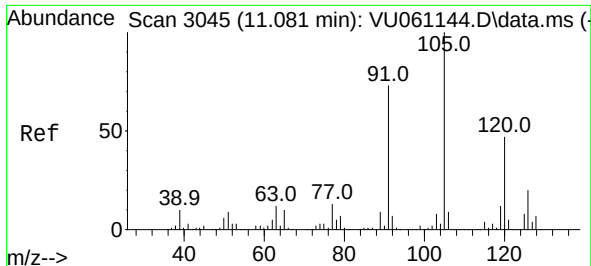
Tgt Ion:120 Resp: 3674
Ion Ratio Lower Upper
120 100
91 447.4 353.6 530.4



#74
2-Chlorotoluene
Concen: 0.240 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

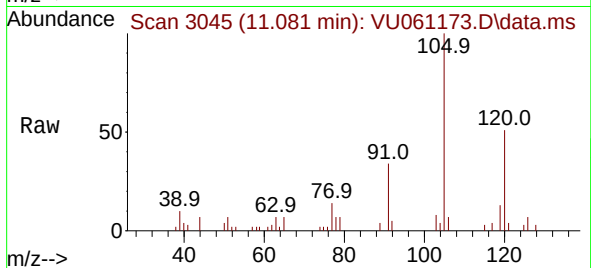
Tgt Ion:126 Resp: 3307
Ion Ratio Lower Upper
126 100
91 323.4 0.0 595.2



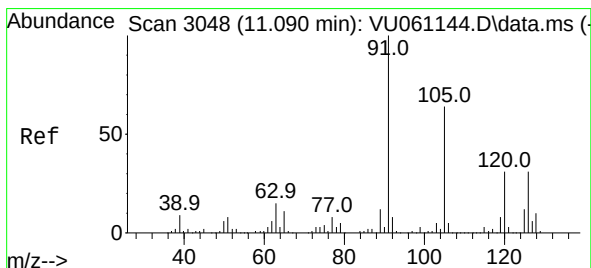
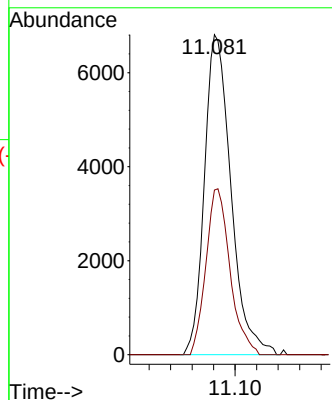
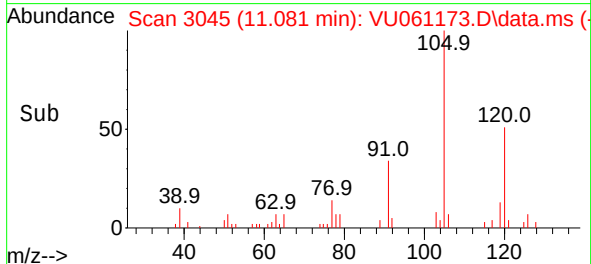


#75
1,3,5-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

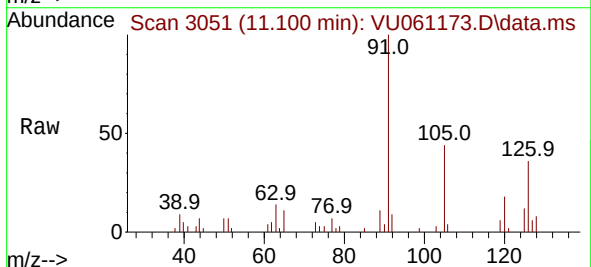
Instrument :
MSVOA_U
ClientSampleId :



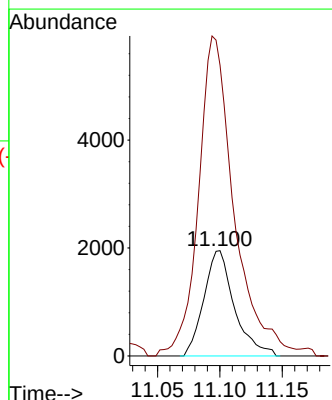
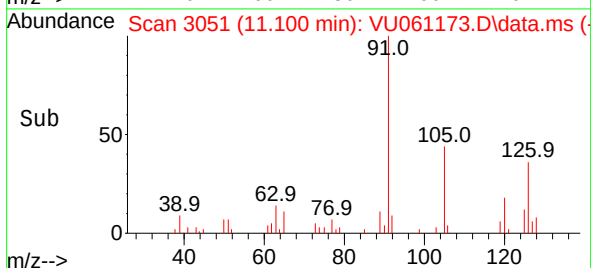
Tgt Ion:105 Resp: 11649
Ion Ratio Lower Upper
105 100
120 47.1 38.0 57.0

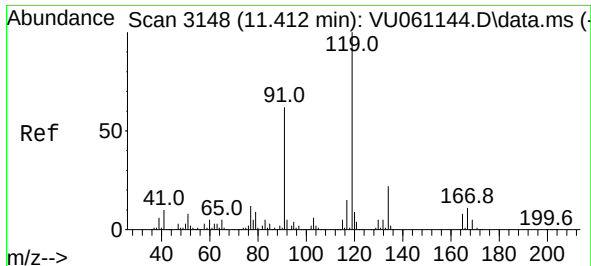


#76
4-Chlorotoluene
Concen: 0.237 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



Tgt Ion:126 Resp: 3326
Ion Ratio Lower Upper
126 100
91 353.6 0.0 678.2





#77

tert-Butylbenzene

Concen: 0.240 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

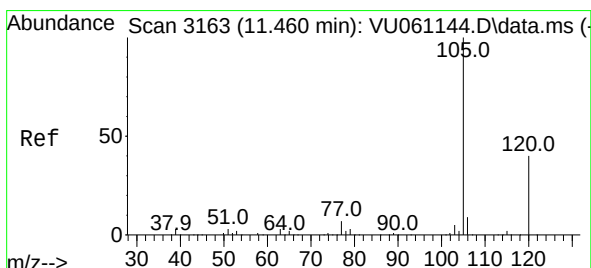
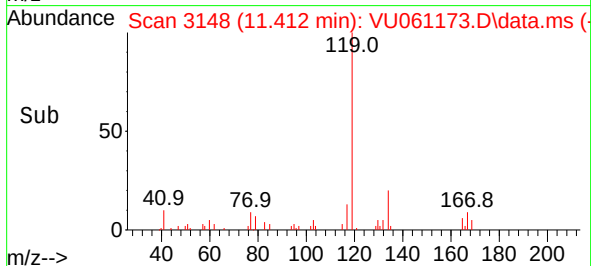
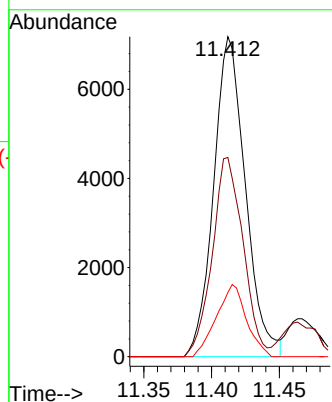
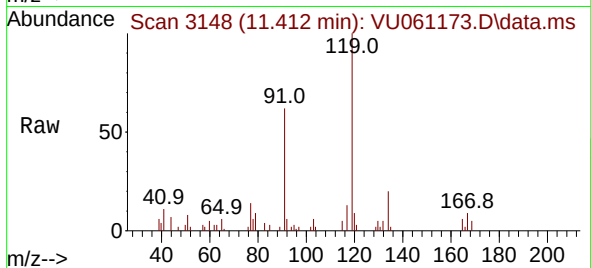
Tgt Ion:119 Resp: 11692

Ion Ratio Lower Upper

119 100

91 60.3 30.1 90.5

134 21.3 17.5 26.3



#78

1,2,4-Trimethylbenzene

Concen: 0.240 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU061173.D

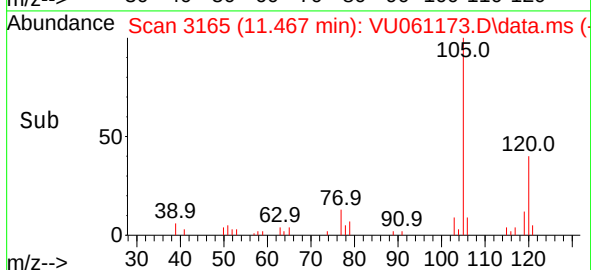
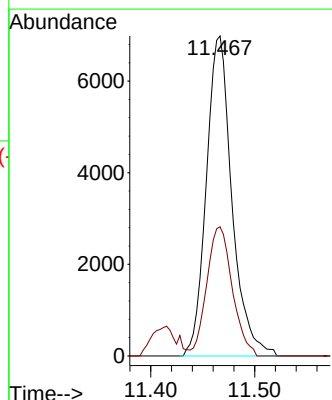
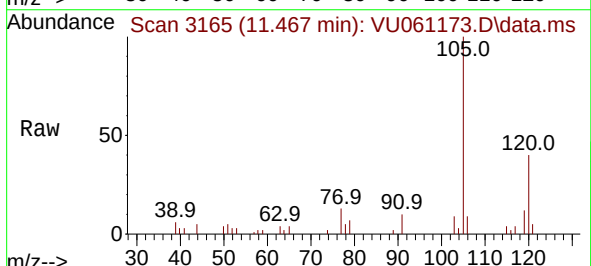
Acq: 21 Oct 2024 15:42

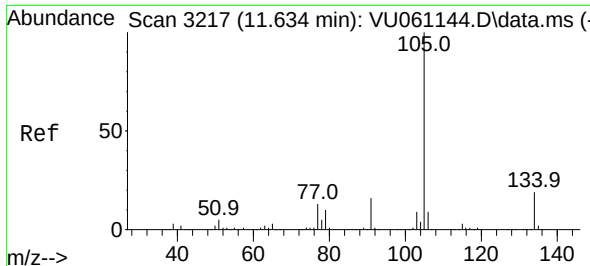
Tgt Ion:105 Resp: 11958

Ion Ratio Lower Upper

105 100

120 40.1 22.3 66.9





#79

sec-Butylbenzene

Concen: 0.233 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

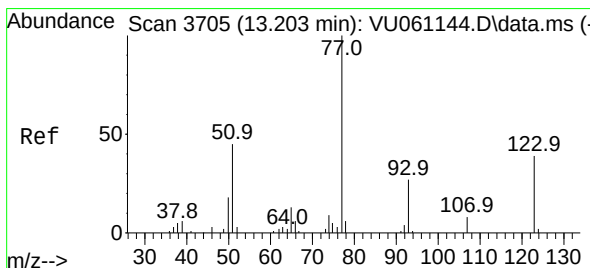
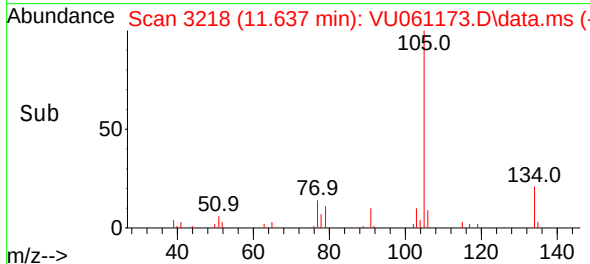
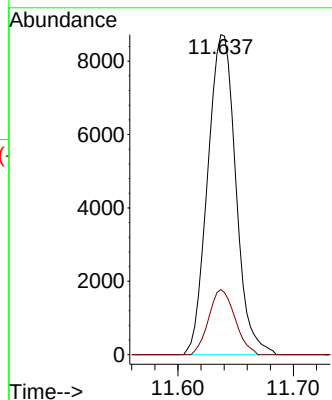
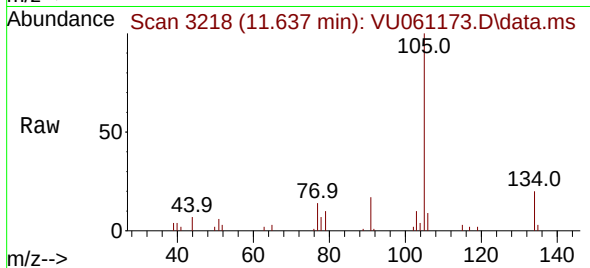
ClientSampleId :

Tgt Ion:105 Resp: 14752

Ion Ratio Lower Upper

105 100

134 19.0 15.5 23.3



#80

Nitrobenzene

Concen: 0.342 ug/l

RT: 13.248 min Scan# 3719

Delta R.T. 0.045 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

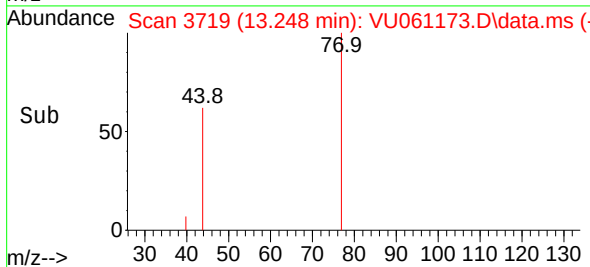
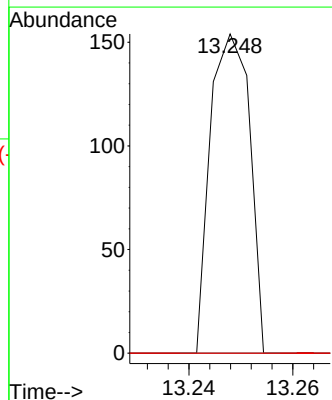
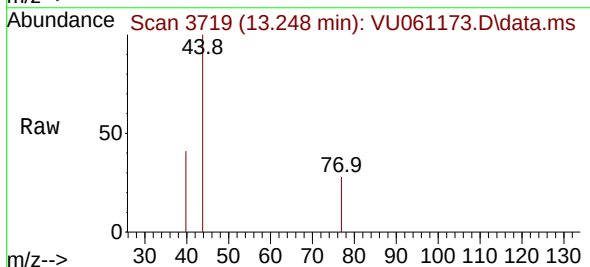
Tgt Ion: 77 Resp: 81

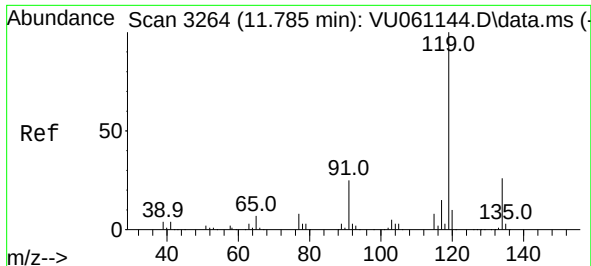
Ion Ratio Lower Upper

77 100

123 0.0 15.6 55.2#

65 0.0 10.7 13.7#





#81

p-Isopropyltoluene

Concen: 0.223 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU061173.D

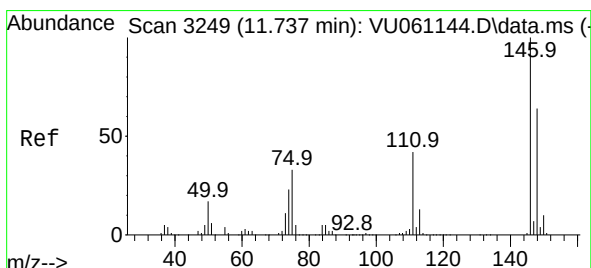
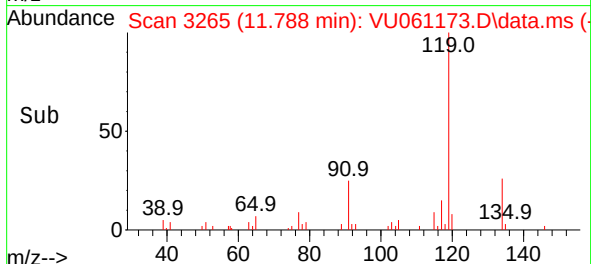
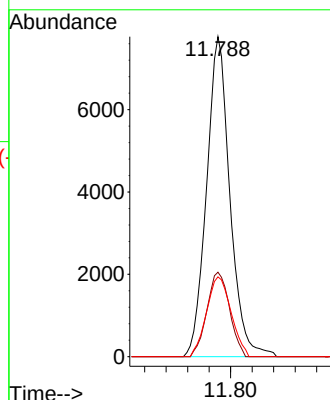
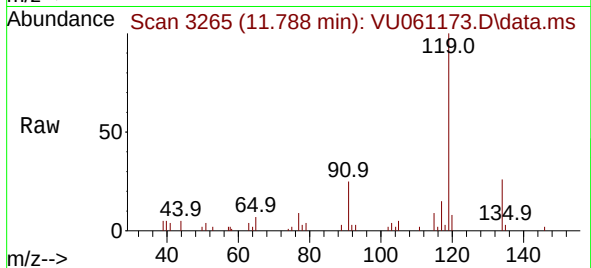
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	11700
Ion	Ratio	Lower	Upper
119	100		
134	25.5	21.0	31.6
91	26.1	19.8	29.8



#82

1,3-Dichlorobenzene

Concen: 0.247 ug/l

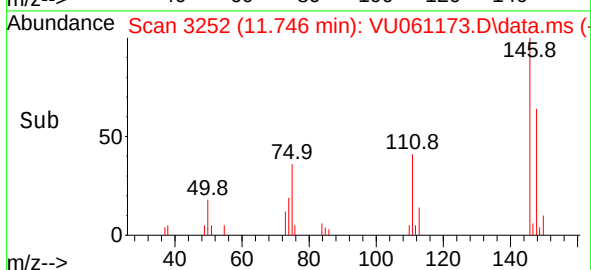
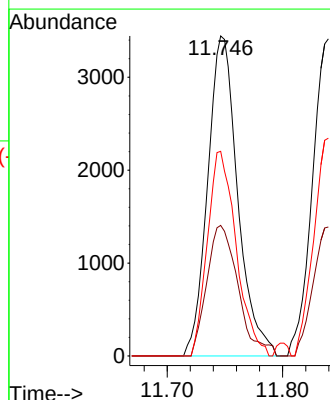
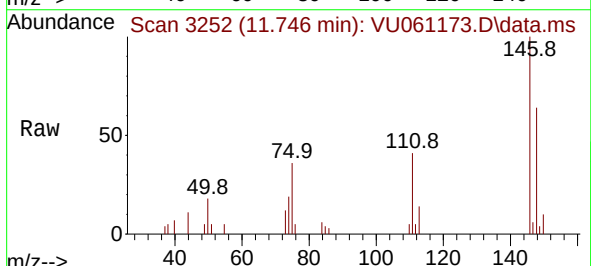
RT: 11.746 min Scan# 3252

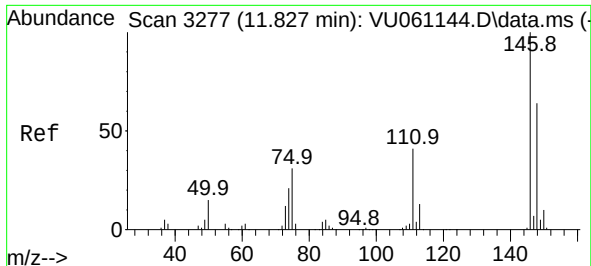
Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:	146	Resp:	6226
Ion	Ratio	Lower	Upper
146	100		
111	42.5	34.1	51.1
148	61.3	51.2	76.8





#83

1,4-Dichlorobenzene

Concen: 0.251 ug/l

RT: 11.840 min Scan# 31

Delta R.T. 0.013 min

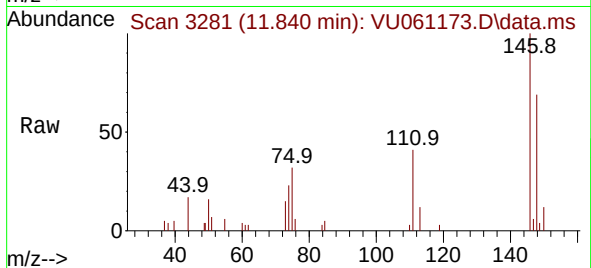
Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :



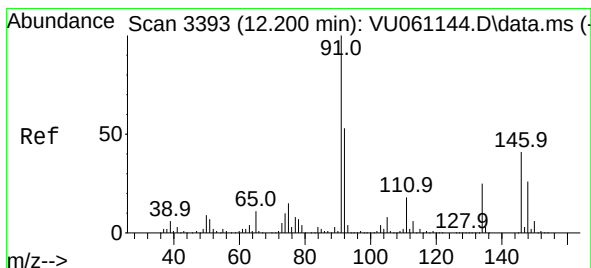
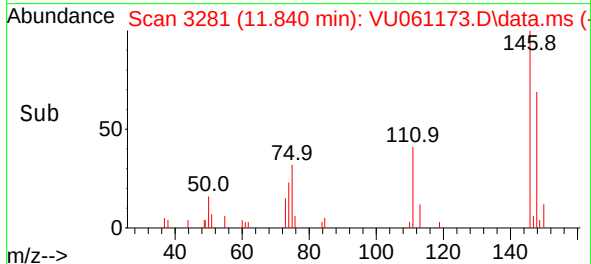
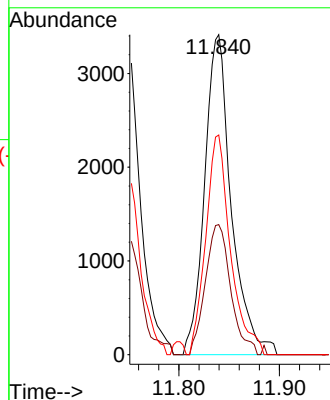
Tgt Ion:146 Resp: 6306

Ion Ratio Lower Upper

146 100

111 38.7 32.1 48.1

148 63.6 50.3 75.5



#84

n-Butylbenzene

Concen: 0.227 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

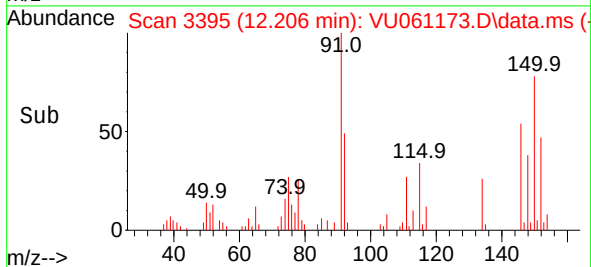
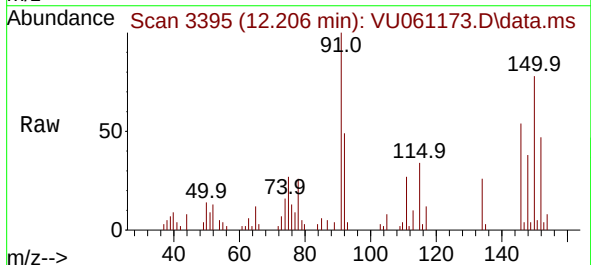
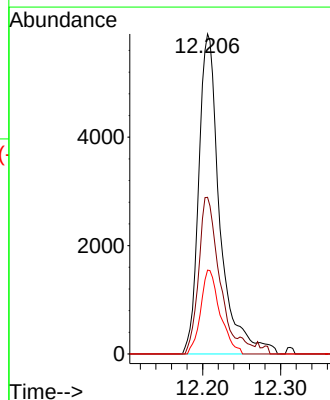
Tgt Ion: 91 Resp: 11083

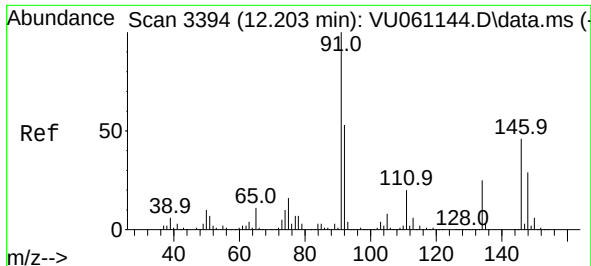
Ion Ratio Lower Upper

91 100

92 49.8 41.8 62.8

134 24.1 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.253 ug/l

RT: 12.206 min Scan# 3144

Delta R.T. 0.003 min

Lab File: VU061173.D

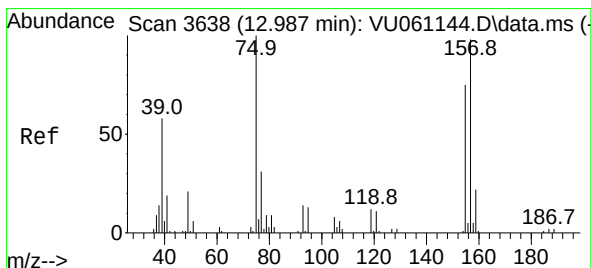
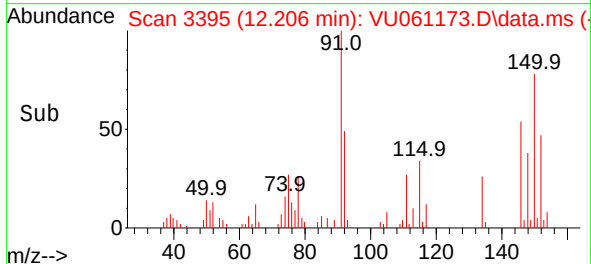
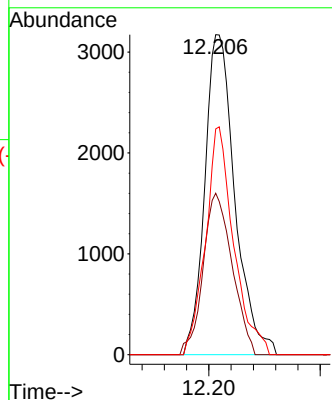
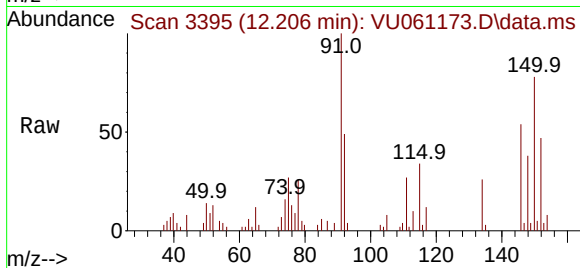
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	5955
Ion Ratio	Lower	Upper	
146	100		
111	48.7	21.9	65.7
148	66.5	31.9	95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.211 ug/l

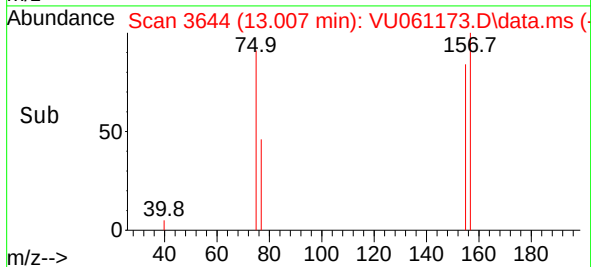
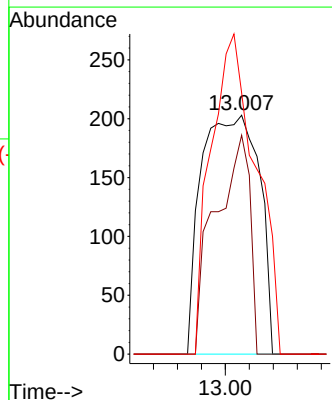
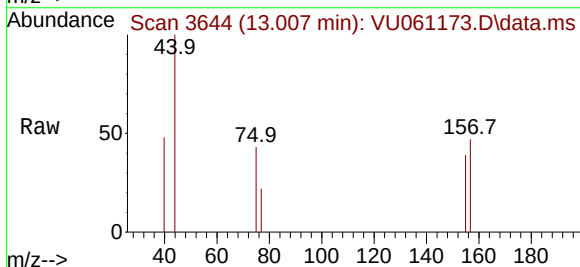
RT: 13.007 min Scan# 3644

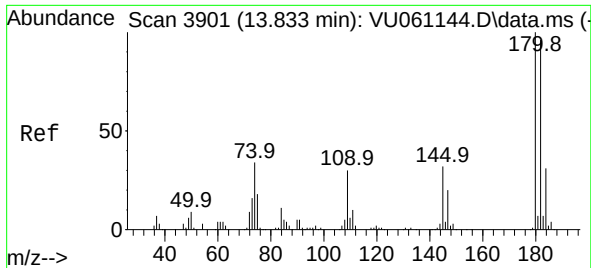
Delta R.T. 0.019 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

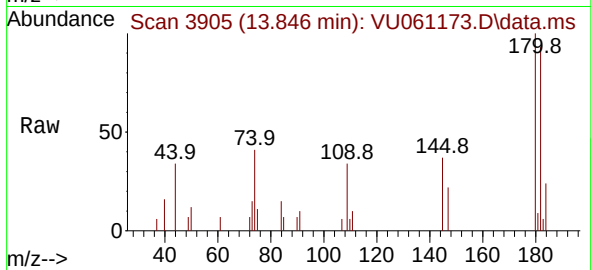
Tgt Ion:	75	Resp:	338
Ion Ratio	Lower	Upper	
75	100		
155	55.0	61.4	92.0#
157	105.0	78.5	117.7



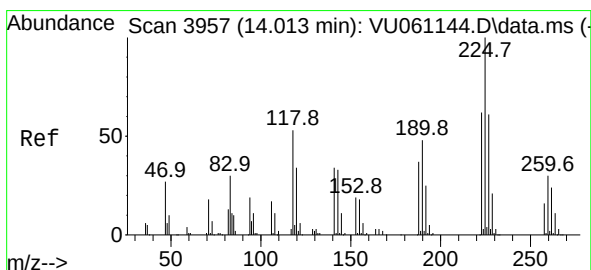
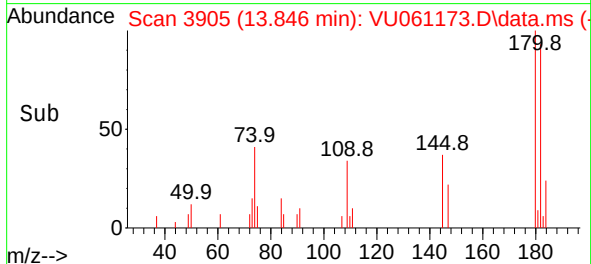
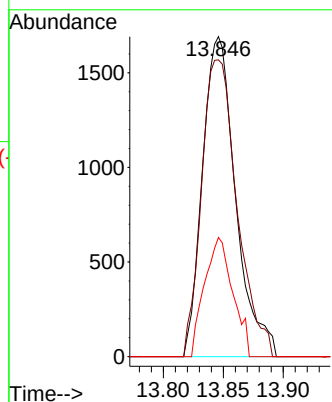


#87
1,2,4-Trichlorobenzene
Concen: 0.241 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :

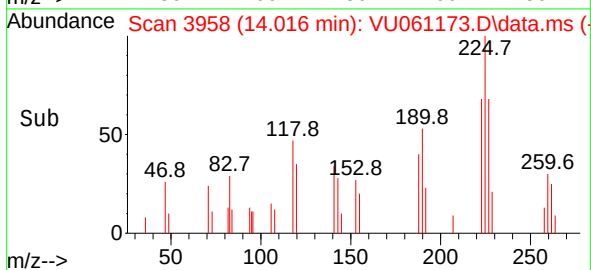
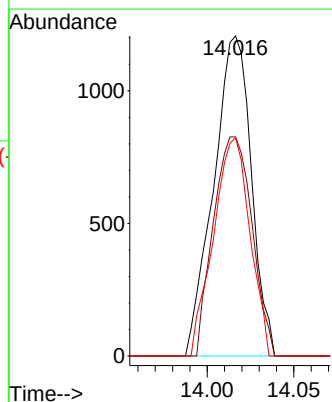
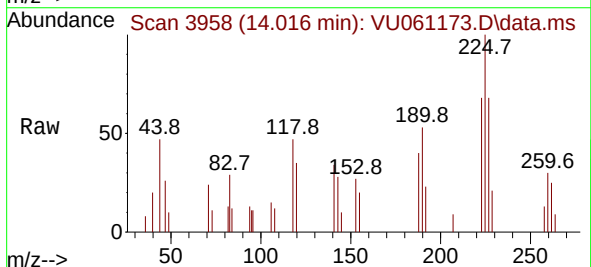


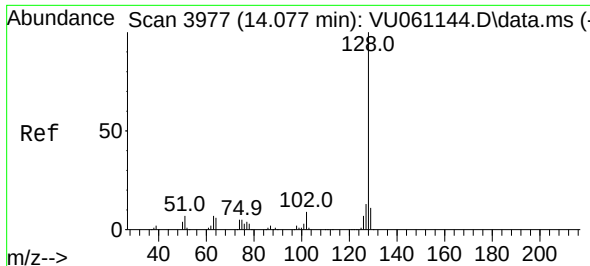
Tgt Ion:180 Resp: 3251
Ion Ratio Lower Upper
180 100
182 99.3 77.0 115.6
145 31.7 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.240 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:225 Resp: 1830
Ion Ratio Lower Upper
225 100
223 69.9 51.4 77.2
227 65.7 50.3 75.5





#89

Naphthalene

Concen: 0.294 ug/l

RT: 14.100 min Scan# 3977

Delta R.T. 0.023 min

Lab File: VU061173.D

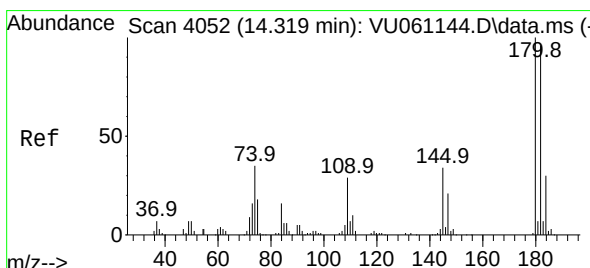
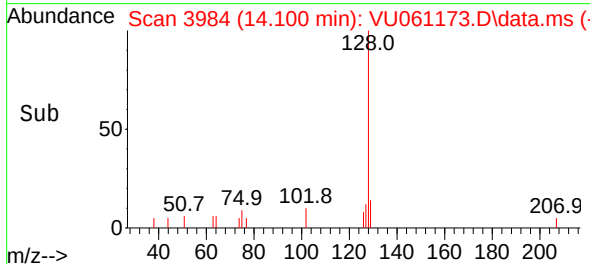
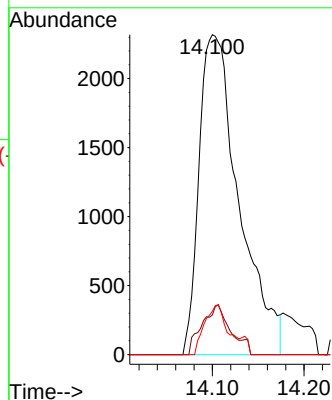
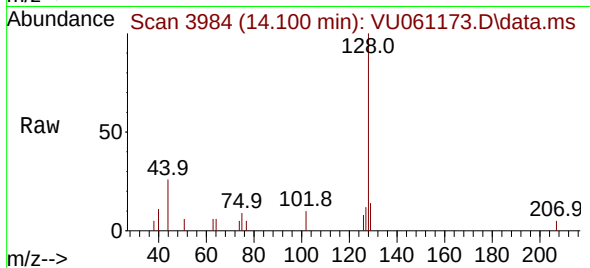
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	7006
Ion Ratio	Lower	Upper
128	100	
127	11.1	10.6 16.0
129	9.0	8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.272 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:180	Resp:	3290
Ion Ratio	Lower	Upper
180	100	
182	98.5	76.2 114.4
145	33.1	26.8 40.2

