

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061171.D
 Acq On : 21 Oct 2024 14:53
 Operator : MD/SY
 Sample : P4368-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 22 01:36:10 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	26745	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14143	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13892	0.992	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	7659	0.520	ug/l	97
3) Chloromethane	1.518	50	8781	0.627	ug/l	97
4) Vinyl Chloride	1.599	62	7531	0.523	ug/l	94
5) Bromomethane	1.853	94	5421	0.599	ug/l	98
6) Chloroethane	1.927	64	6344	0.658	ug/l	91
7) Trichlorofluoromethane	2.126	101	12080	0.590	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5543	0.545	ug/l	99
9) 1,1-Dichloroethene	2.570	96	5539	0.522	ug/l	92
10) Iodomethane	2.711	142	9768	0.774	ug/l	99
11) Allyl Chloride	2.917	41	6701	0.490	ug/l	96
12) Acrylonitrile	3.341	53	1813	0.850	ug/l	# 62
13) Acetone	2.650	43	7341	2.637	ug/l	97
14) Carbon Disulfide	2.782	76	18846	0.515	ug/l	97
15) Methylene Chloride	3.036	84	7202	0.524	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	6380	0.513	ug/l	96
17) 1,1-Dichloroethane	3.859	63	11267	0.511	ug/l	96
18) 2-Butanone	4.740	43	7659	2.247	ug/l	97
19) Cyclohexane	5.380	56	9606	0.486	ug/l	# 91
20) Methylcyclohexane	6.756	83	10994	0.499	ug/l	97
21) 2,2-Dichloropropane	4.653	77	10112	0.497	ug/l	# 79
22) cis-1,2-Dichloroethene	4.666	96	7272	0.536	ug/l	96
23) Diethyl Ether	2.370	59	4288	0.520	ug/l	# 89
24) tert-Butyl Alcohol	3.248	59	130	0.151	ug/l	# 1
25) Methyl tert-Butyl Ether	3.354	73	14788	0.520	ug/l	96
26) Bromochloromethane	4.968	128	2885	0.509	ug/l	95
27) Chloroform	5.081	83	12244	0.529	ug/l	94
28) 1,1,1-Trichloroethane	5.309	97	10326	0.506	ug/l	99
29) 1,1-Dichloropropene	5.521	75	9234	0.512	ug/l	100
30) Carbon Tetrachloride	5.518	117	8959	0.506	ug/l	97
31) Isopropyl Ether	3.984	45	16187	0.514	ug/l	96
32) Ethyl-t-butyl ether	4.492	59	15767	0.487	ug/l	97
33) Tert-Amyl methyl ether	5.936	73	15086	0.518	ug/l	98
34) Propionitrile	4.824	54	1002	1.232	ug/l	# 63
35) Benzene	5.769	78	26164	0.515	ug/l	98
36) 1,2-Dichloroethane	5.795	62	7501	0.523	ug/l	96
37) Trichloroethene	6.537	130	6831	0.504	ug/l	93
38) 1,2-Dichloropropane	6.785	63	6559	0.510	ug/l	96
39) Methacrylonitrile	4.997	41	931	0.318	ug/l	# 65
40) Methyl acrylate	4.894	55	795	0.134	ug/l	# 71
41) Tetrahydrofuran	5.071	42	744	0.423	ug/l	# 37
42) 1-Chlorobutane	5.454	56	10875	0.470	ug/l	94
43) Dibromomethane	6.917	93	3384	0.508	ug/l	93
44) Bromodichloromethane	7.100	83	8092	0.499	ug/l	97

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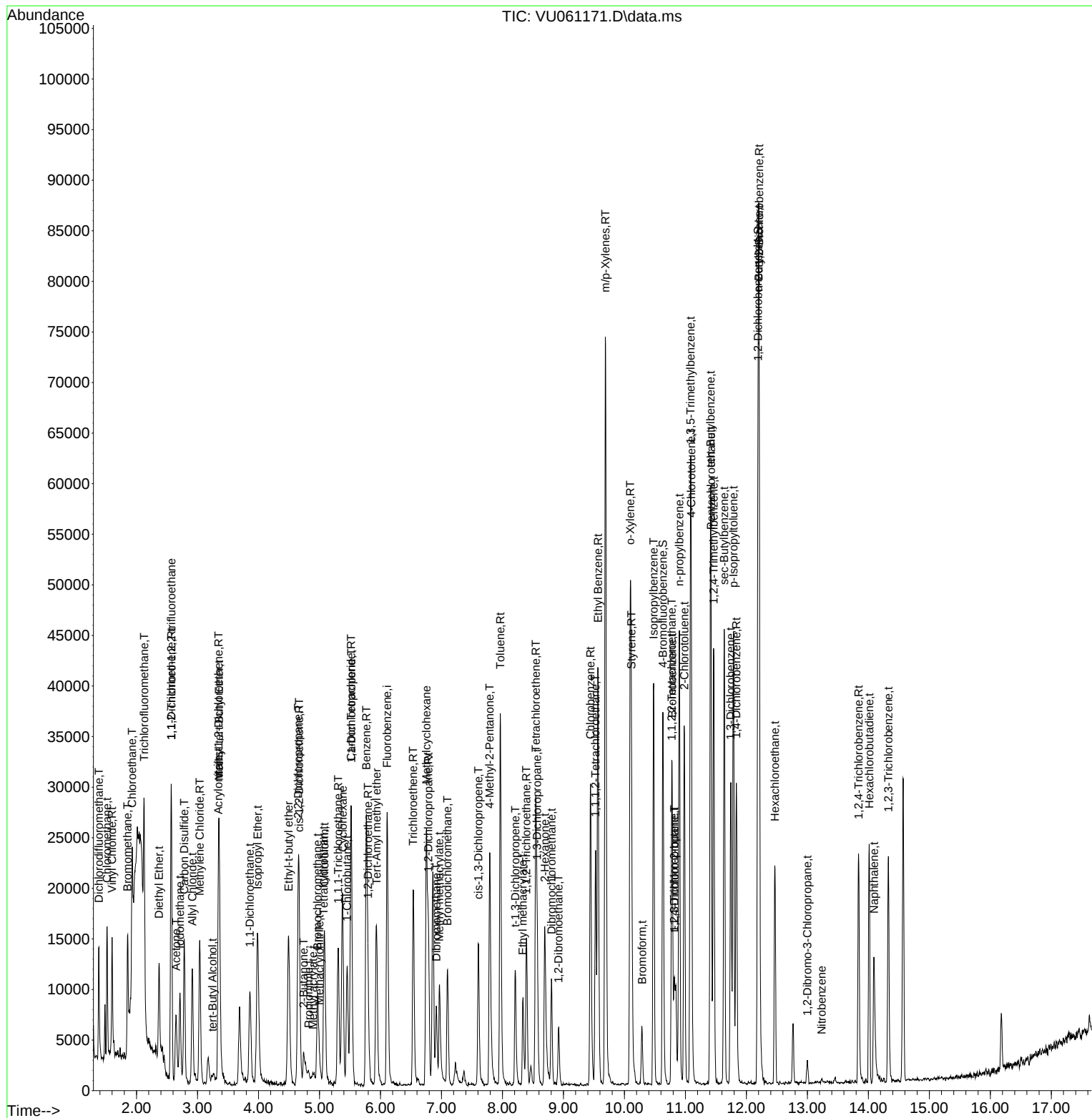
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	17464	2.609	ug/l	97
46) t-1,4-Dichloro-2-butene	10.820	75	3304	1.238	ug/l #	76
47) Methyl methacrylate	6.965	69	5375	0.928	ug/l	90
48) Ethyl methacrylate	8.335	69	5841	0.473	ug/l	96
49) Toluene	7.965	92	17162	0.535	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	7387	0.473	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	9748	0.508	ug/l #	91
52) 1,1,2-Trichloroethane	8.393	97	4690	0.522	ug/l	95
53) 1,3-Dichloropropane	8.569	76	8102	0.513	ug/l	95
54) 2-Hexanone	8.695	43	13369	2.432	ug/l	97
55) Dibromochloromethane	8.804	129	5242	0.494	ug/l	99
56) 1,2-Dibromoethane	8.920	107	4423	0.513	ug/l	97
58) Tetrachloroethene	8.547	164	6156	0.536	ug/l	95
59) Chlorobenzene	9.444	112	17877	0.517	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	5758	0.494	ug/l	96
61) Pentachloroethane	11.421	117	4131	0.463	ug/l	93
62) Hexachloroethane	12.466	117	4348	0.473	ug/l	96
63) Ethyl Benzene	9.566	91	31724	0.513	ug/l	98
64) m/p-Xylenes	9.688	106	23144	0.983	ug/l	100
65) o-Xylene	10.097	106	12180	0.525	ug/l	99
66) Styrene	10.116	104	16984	0.471	ug/l	100
67) Bromoform	10.290	173	2498	0.449	ug/l #	96
69) Isopropylbenzene	10.479	105	26493	0.480	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	5630	0.515	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	3304	0.371	ug/l #	82
72) Bromobenzene	10.782	156	6434	0.485	ug/l	82
73) n-propylbenzene	10.901	120	7724	0.480	ug/l	100
74) 2-Chlorotoluene	10.984	126	6883	0.494	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	24559	0.494	ug/l	100
76) 4-Chlorotoluene	11.097	126	6930	0.489	ug/l	97
77) tert-Butylbenzene	11.412	119	24386	0.496	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	24431	0.486	ug/l	98
79) sec-Butylbenzene	11.637	105	31393	0.490	ug/l	98
80) Nitrobenzene	13.235	77	373	1.560	ug/l #	47
81) p-Isopropyltoluene	11.788	119	25852	0.487	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	12662	0.497	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	13104	0.516	ug/l	98
84) n-Butylbenzene	12.203	91	24897	0.506	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	13218	0.555	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.000	75	756	0.466	ug/l	91
87) 1,2,4-Trichlorobenzene	13.843	180	7830	0.575	ug/l	99
88) Hexachlorobutadiene	14.016	225	4125	0.536	ug/l	97
89) Naphthalene	14.093	128	15019	0.625	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	7756	0.634	ug/l	98

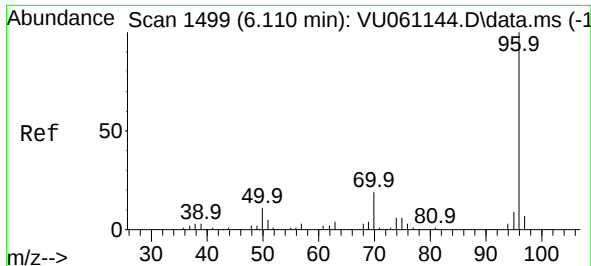
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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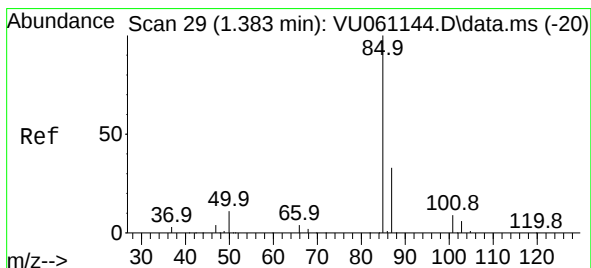
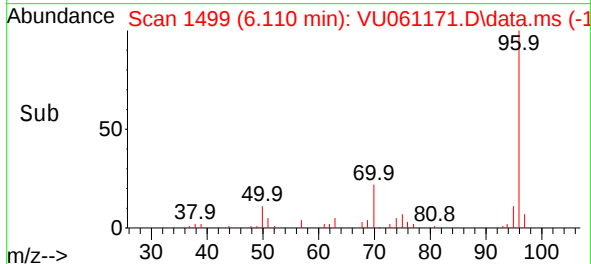
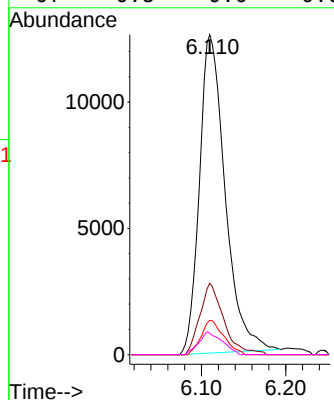
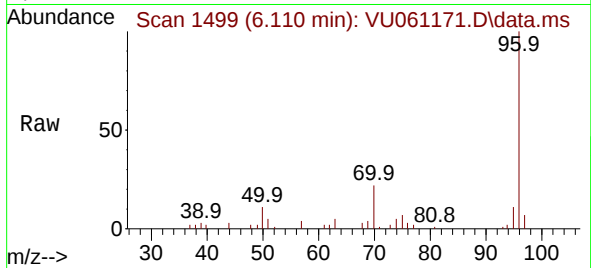




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

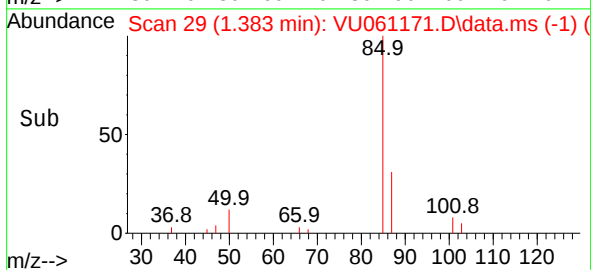
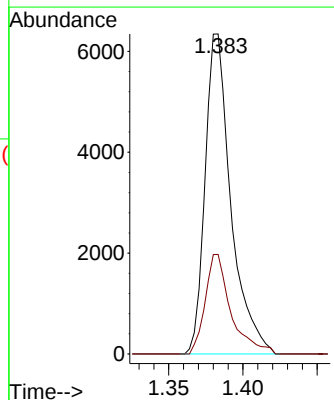
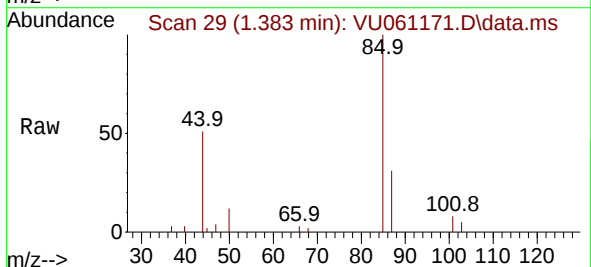
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ClientSampleId :

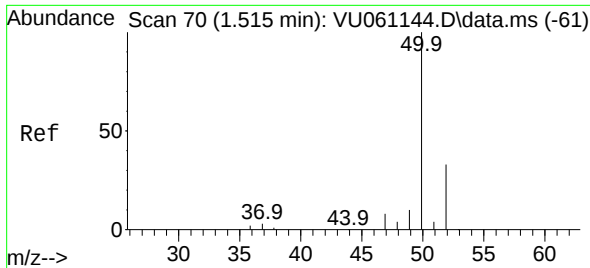
Tgt Ion: 96	Resp: 26745
Ion Ratio	Lower Upper
96 100	
70 20.8	16.1 24.1
95 9.5	0.0 0.0#
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.520 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 85	Resp: 7659
Ion Ratio	Lower Upper
85 100	
87 31.1	16.3 48.9

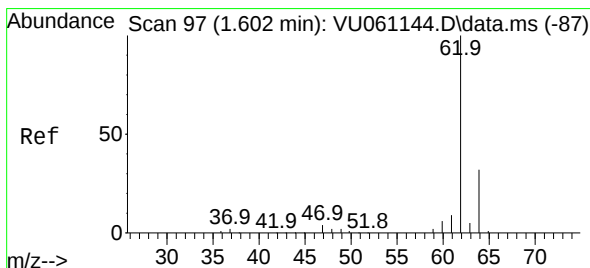
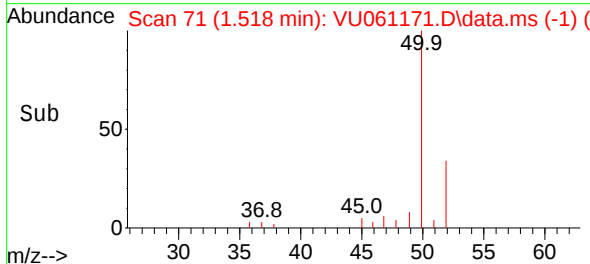
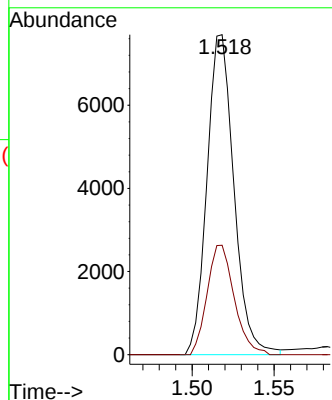
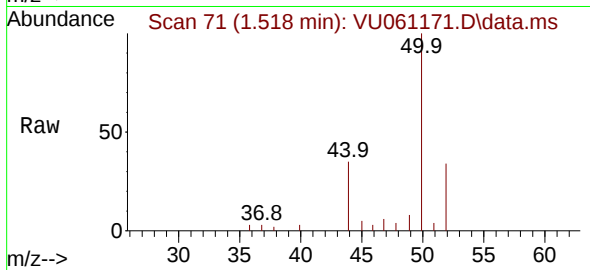




#3
Chloromethane
Concen: 0.627 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

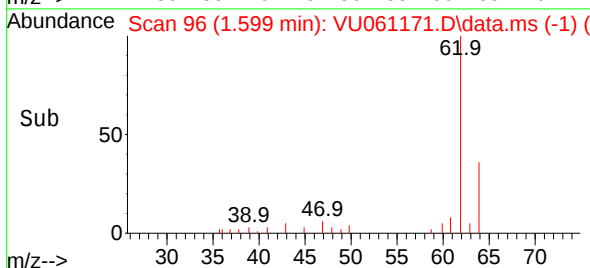
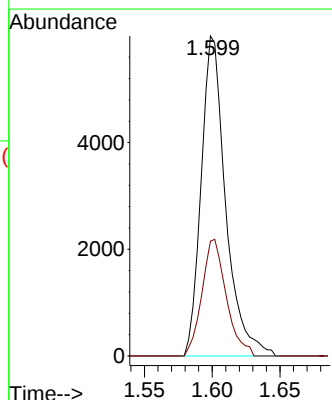
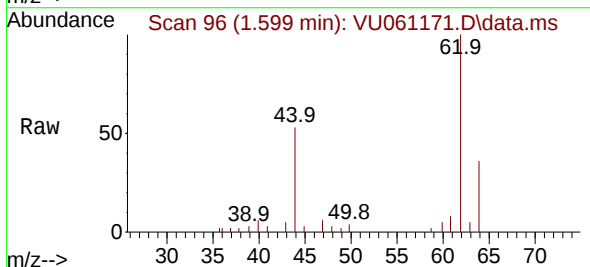
Instrument :
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ClientSampleId :

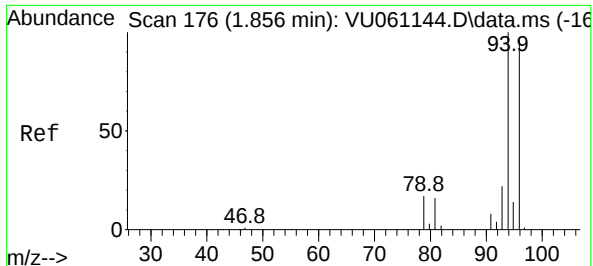
Tgt Ion: 50 Resp: 8781
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2



#4
Vinyl Chloride
Concen: 0.523 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 62 Resp: 7531
Ion Ratio Lower Upper
62 100
64 35.8 25.9 38.9

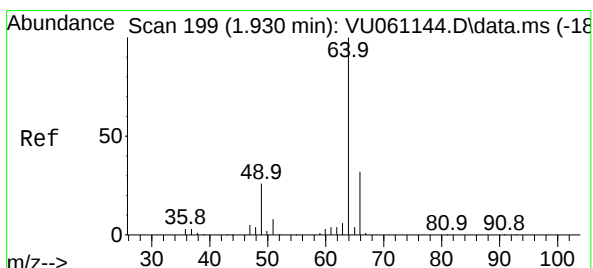
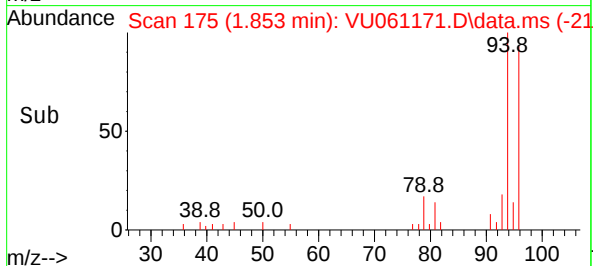
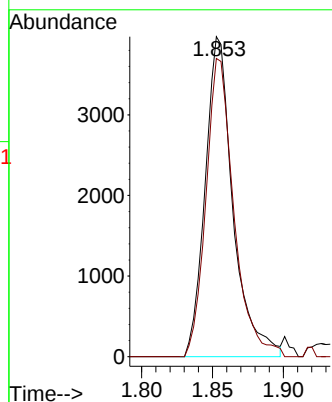
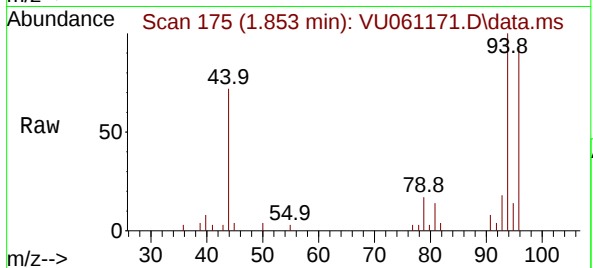




#5
Bromomethane
Concen: 0.599 ug/l
RT: 1.853 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061171.D
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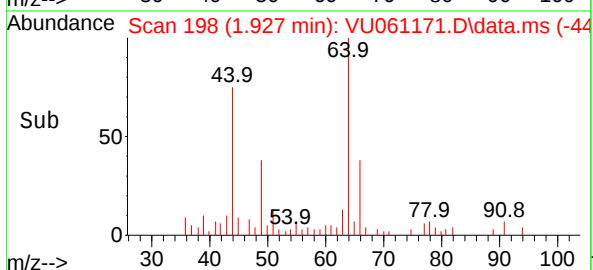
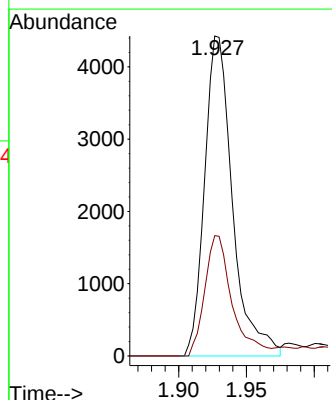
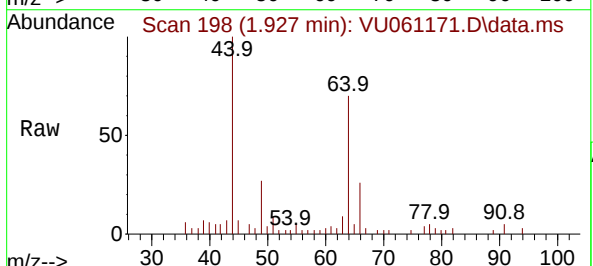
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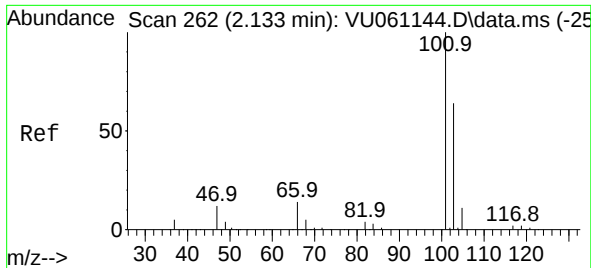
Tgt Ion: 94 Resp: 5421
Ion Ratio Lower Upper
94 100
96 93.2 76.5 114.7



#6
Chloroethane
Concen: 0.658 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 64 Resp: 6344
Ion Ratio Lower Upper
64 100
66 37.6 25.8 38.8

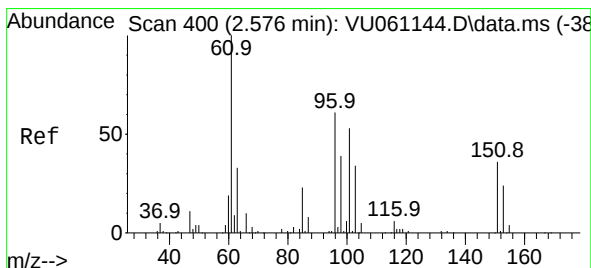
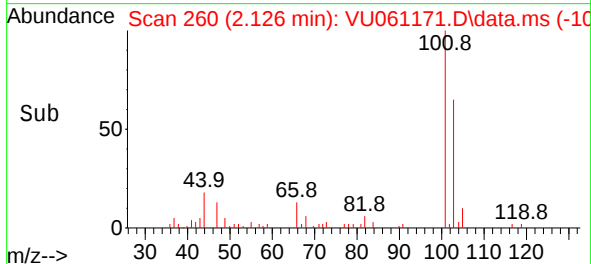
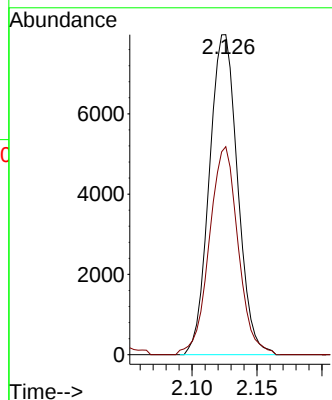
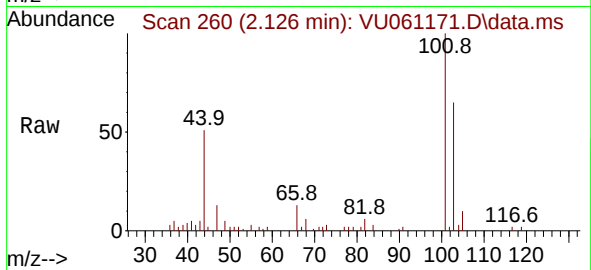




#7
 Trichlorofluoromethane
 Concen: 0.590 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: VU061171.D
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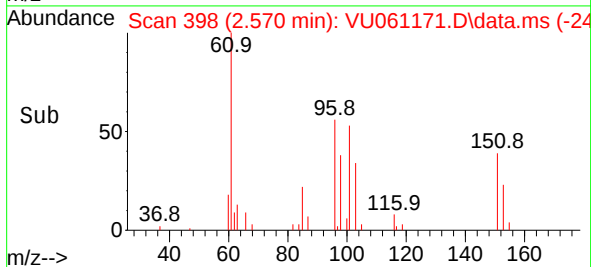
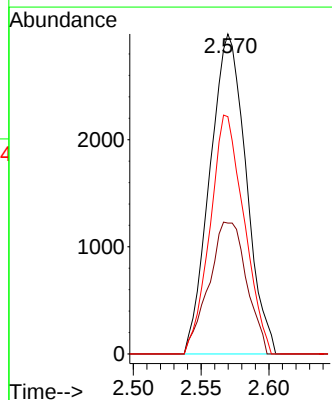
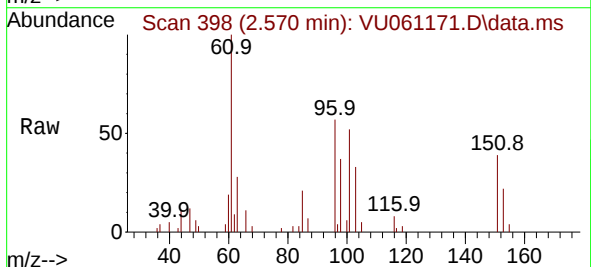
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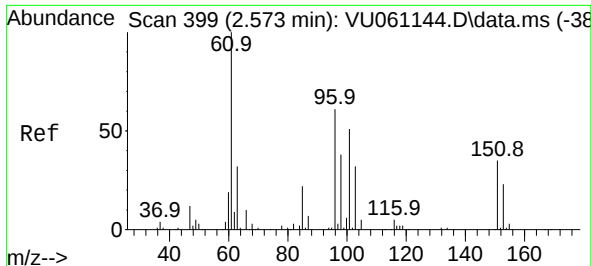
Tgt Ion:101 Resp: 12080
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.5 77.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.545 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.007 min
 Lab File: VU061171.D
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Tgt Ion:101 Resp: 5543
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.8 53.8
 151 70.2 56.2 84.4

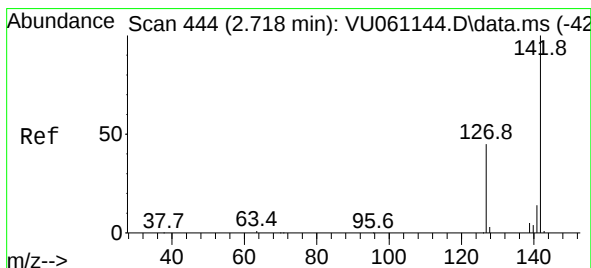
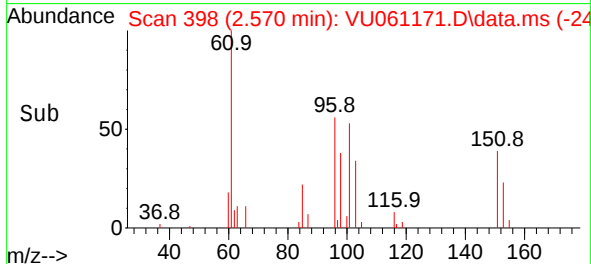
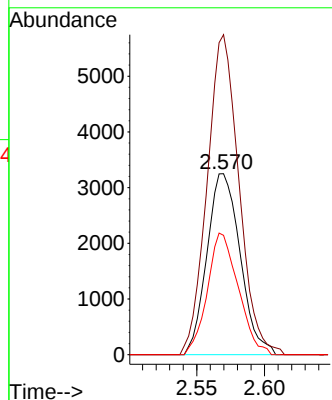
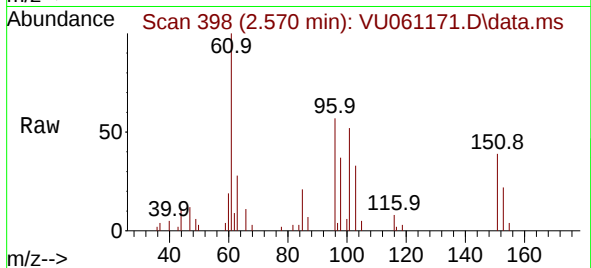




#9
1,1-Dichloroethene
Concen: 0.522 ug/l
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061171.D
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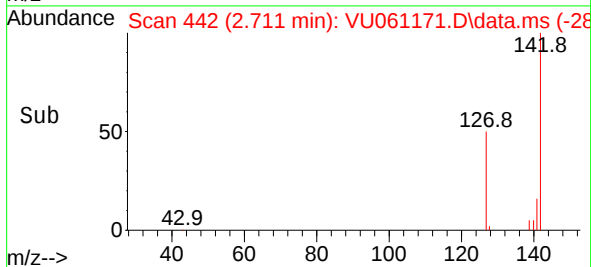
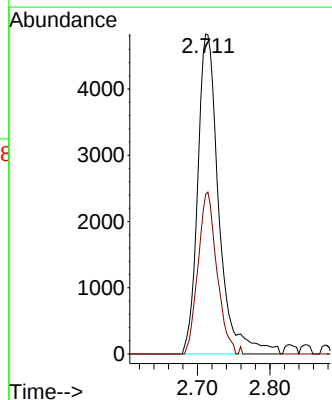
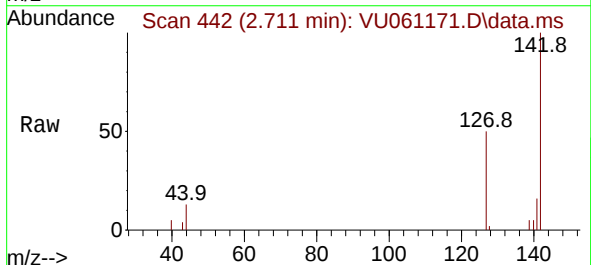
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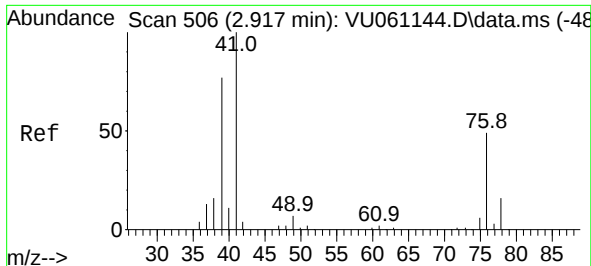
Tgt Ion: 96 Resp: 5539
Ion Ratio Lower Upper
96 100
61 176.7 0.0 494.4
98 65.9 0.0 124.4



#10
Iodomethane
Concen: 0.774 ug/l
RT: 2.711 min Scan# 442
Delta R.T. -0.007 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 142 Resp: 9768
Ion Ratio Lower Upper
142 100
127 45.0 36.2 54.4





#11

Allyl Chloride

Concen: 0.490 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

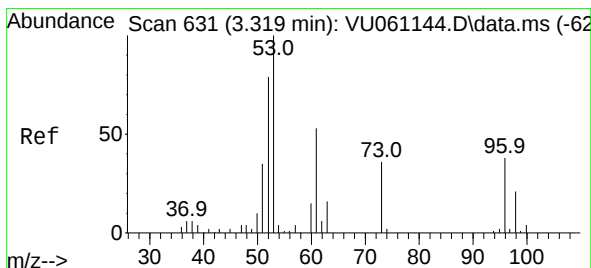
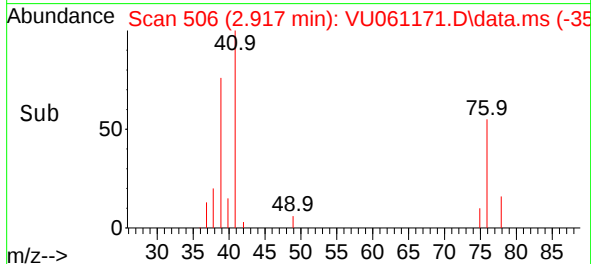
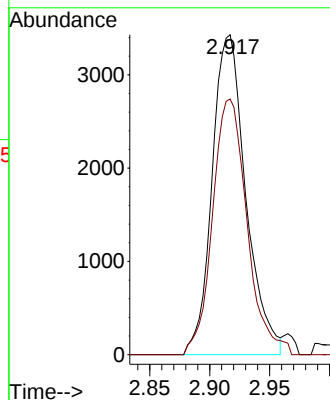
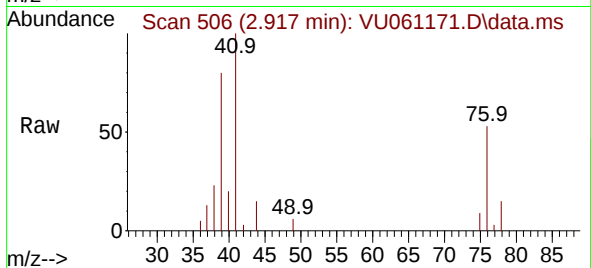
ClientSampleId :

Tgt Ion: 41 Resp: 6701

Ion Ratio Lower Upper

41 100

39 81.7 62.4 93.6



#12

Acrylonitrile

Concen: 0.850 ug/l

RT: 3.341 min Scan# 638

Delta R.T. 0.022 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

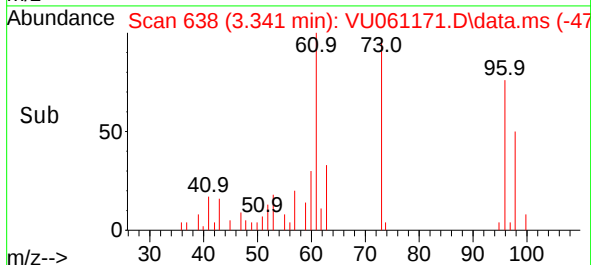
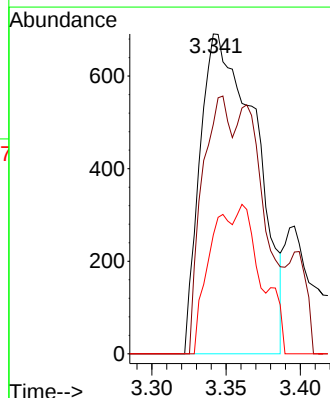
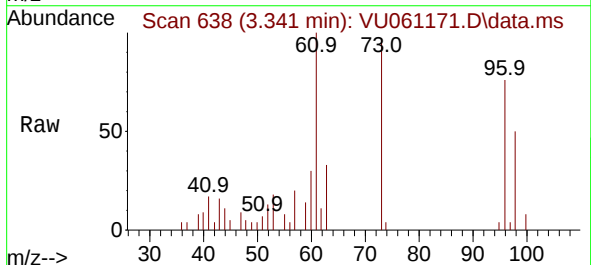
Tgt Ion: 53 Resp: 1813

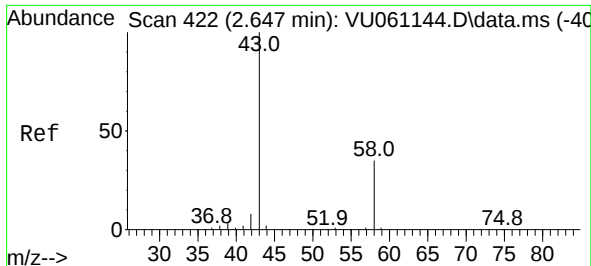
Ion Ratio Lower Upper

53 100

52 42.1 62.6 94.0#

51 20.1 30.7 46.1#





#13

Acetone

Concen: 2.637 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

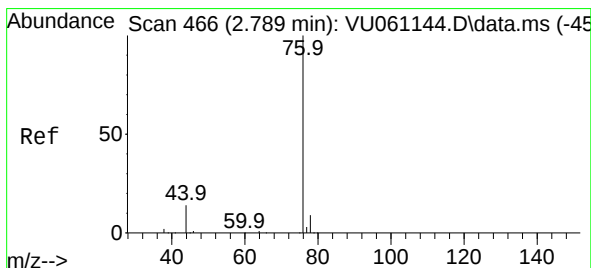
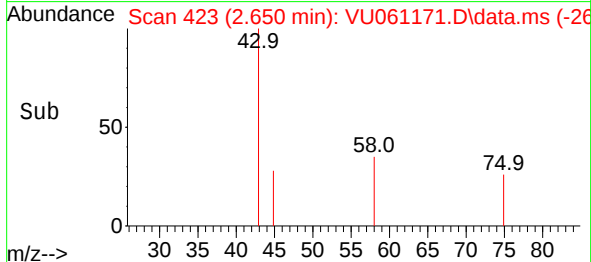
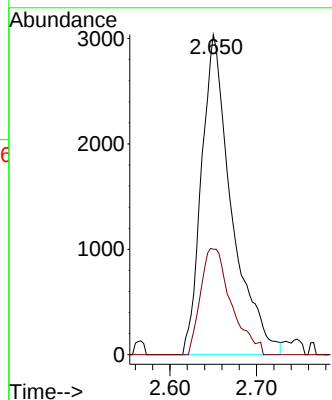
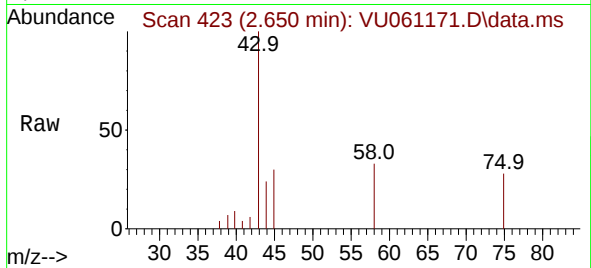
ClientSampleId :

Tgt Ion: 43 Resp: 7341

Ion Ratio Lower Upper

43 100

58 33.0 27.9 41.9



#14

Carbon Disulfide

Concen: 0.515 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.007 min

Lab File: VU061171.D

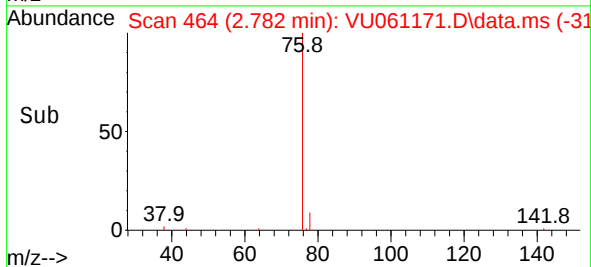
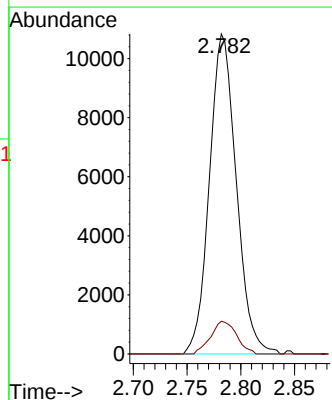
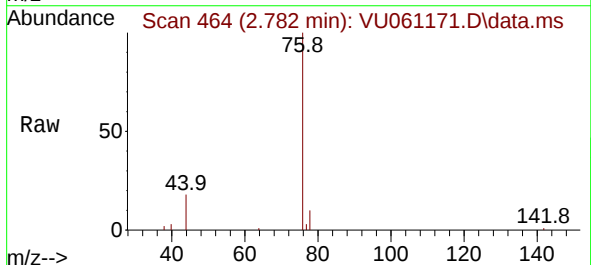
Acq: 21 Oct 2024 14:53

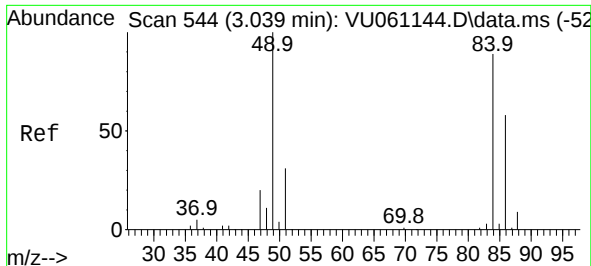
Tgt Ion: 76 Resp: 18846

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.0





#15

Methylene Chloride

Concen: 0.524 ug/l

RT: 3.036 min Scan# 544

Delta R.T. -0.003 min

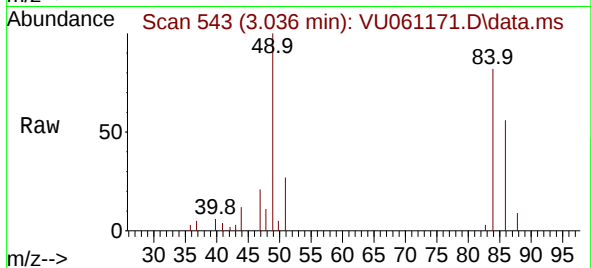
Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 7202

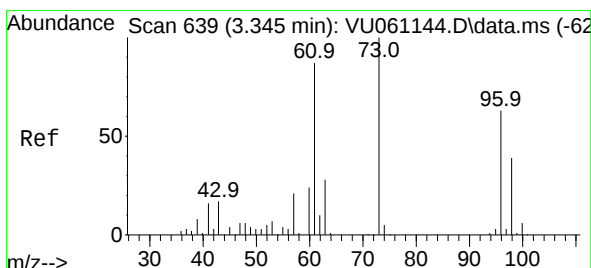
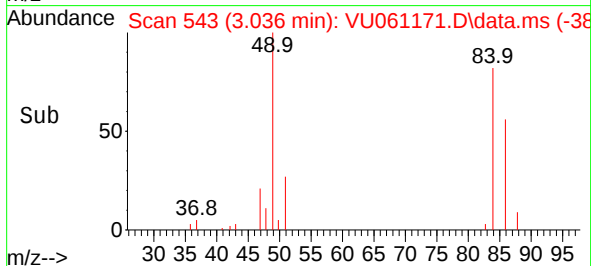
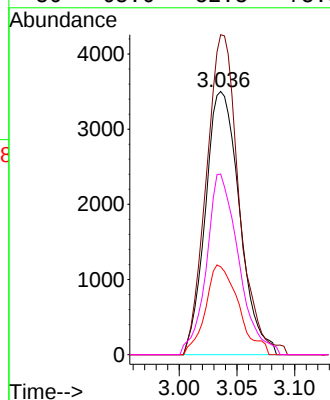
Ion Ratio Lower Upper

84 100

49 121.6 90.4 135.6

51 33.4 0.0 70.6

86 68.6 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 0.513 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

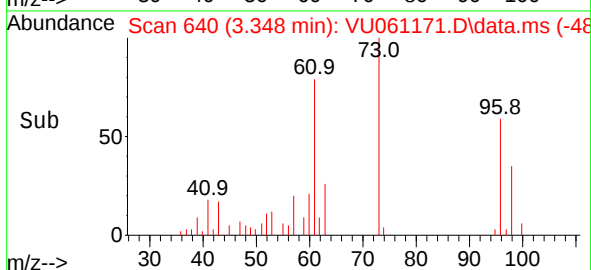
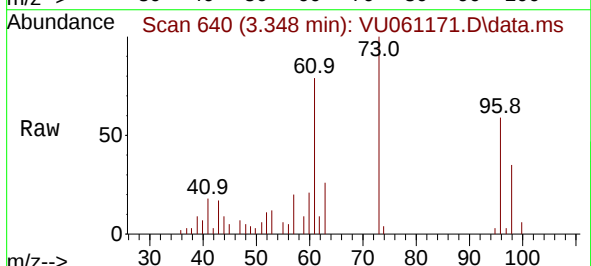
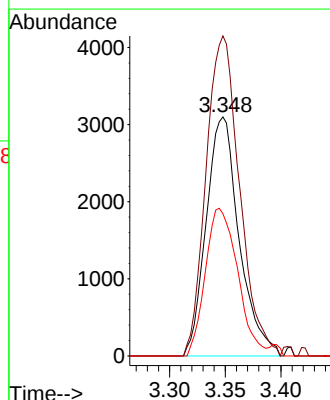
Tgt Ion: 96 Resp: 6380

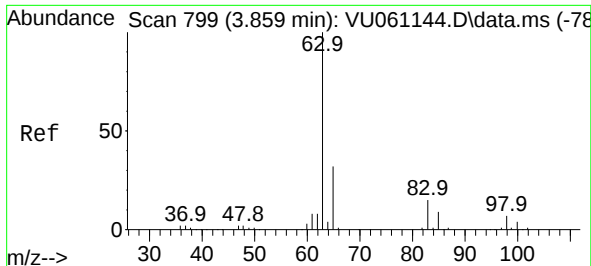
Ion Ratio Lower Upper

96 100

61 133.8 110.6 166.0

98 59.5 49.8 74.8

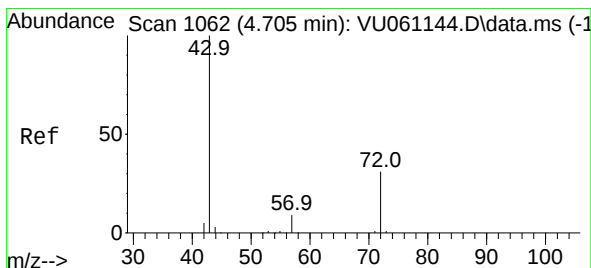
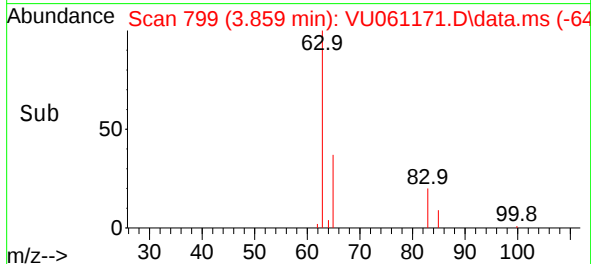
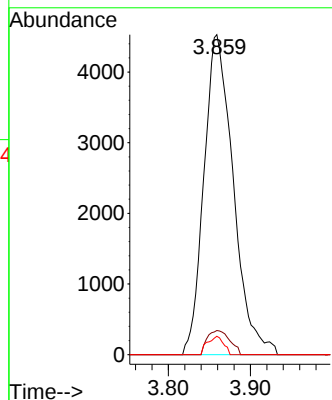
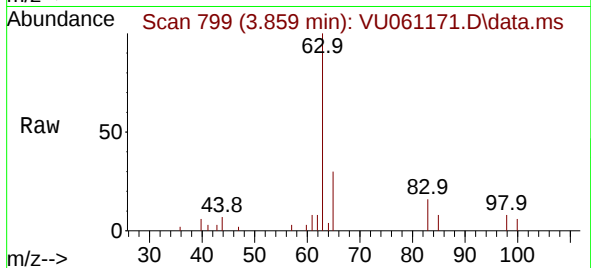




#17
1,1-Dichloroethane
Concen: 0.511 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

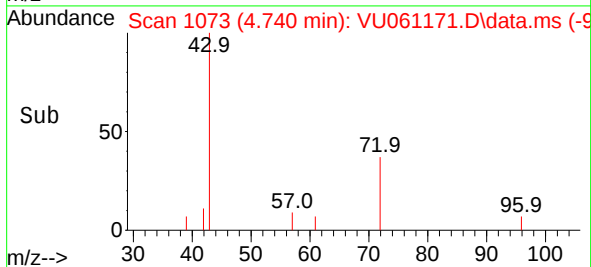
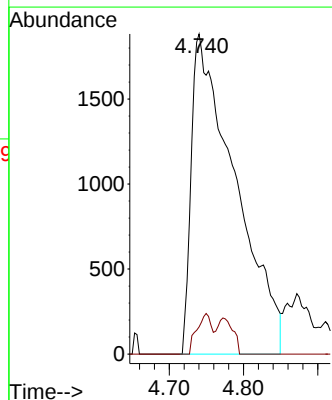
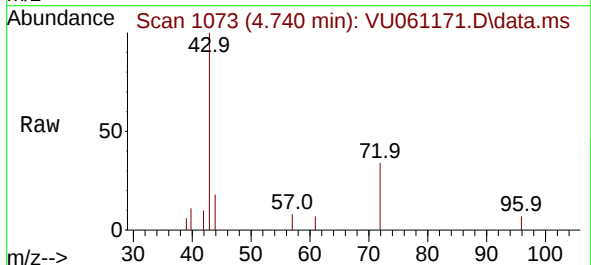
Instrument :
MSVOA_U
ClientSampleId :

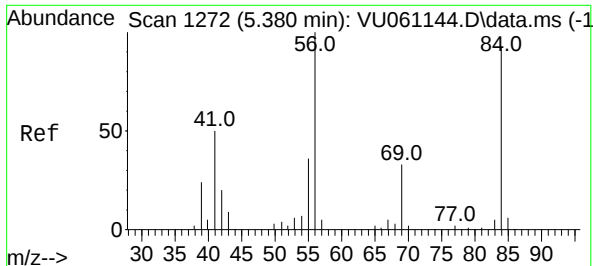
Tgt Ion:	63	Resp:	11267
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.3	9.8
100	5.8	2.1	6.5



#18
2-Butanone
Concen: 2.247 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.035 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:	43	Resp:	7659
Ion Ratio	Lower	Upper	
43	100		
57	8.5	0.0	19.0

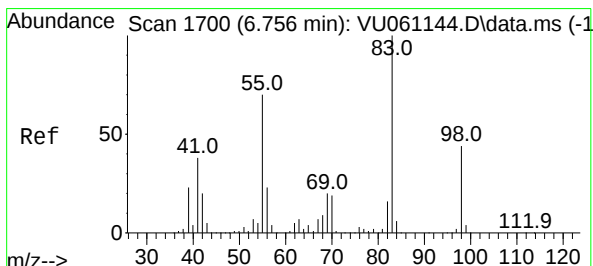
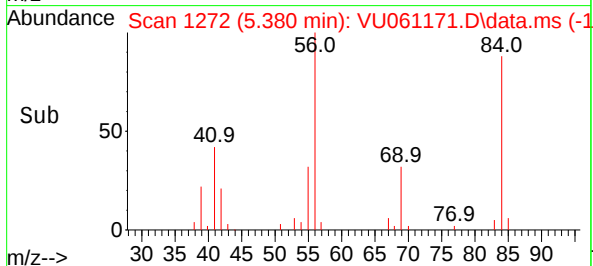
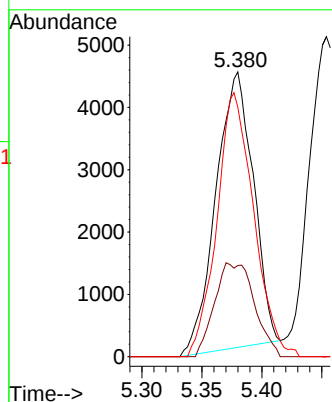
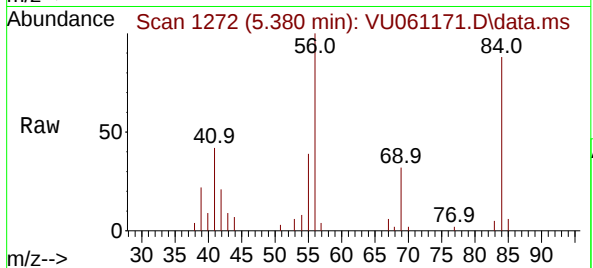




#19
Cyclohexane
Concen: 0.486 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

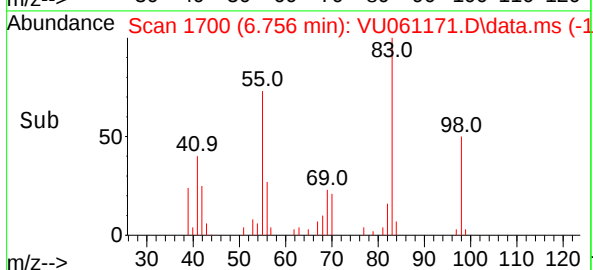
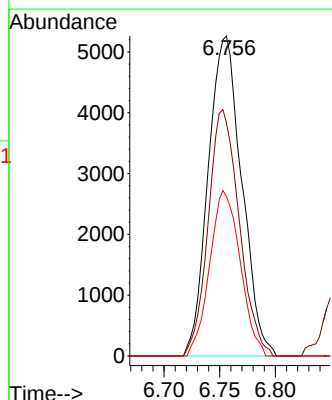
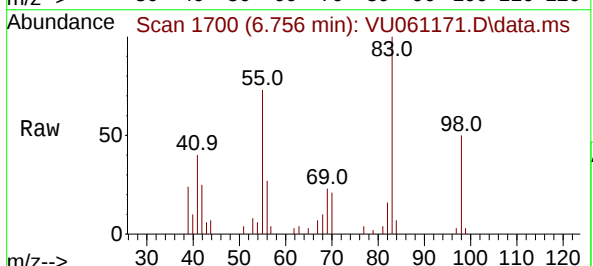
Instrument :
MSVOA_U
ClientSampleId :

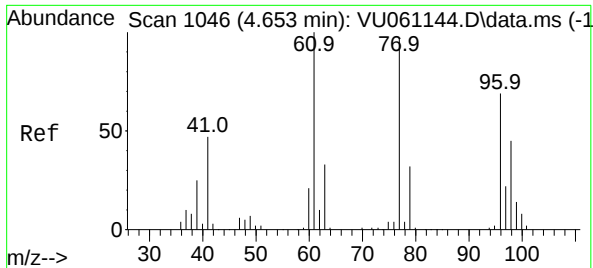
Tgt Ion: 56 Resp: 9606
Ion Ratio Lower Upper
56 100
69 18.5 26.2 39.4#
84 94.1 72.7 109.1



#20
Methylcyclohexane
Concen: 0.499 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 83 Resp: 10994
Ion Ratio Lower Upper
83 100
55 71.4 55.5 83.3
98 47.2 35.8 53.6

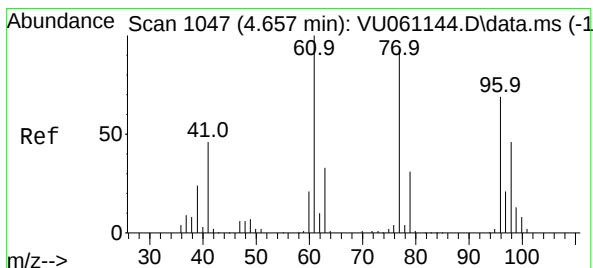
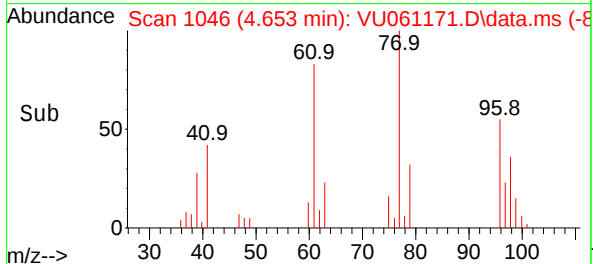
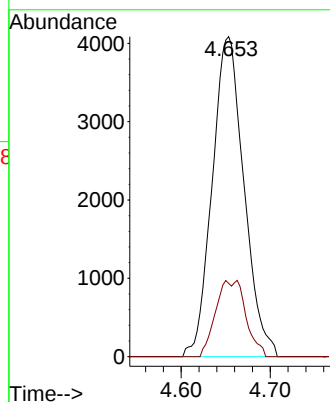
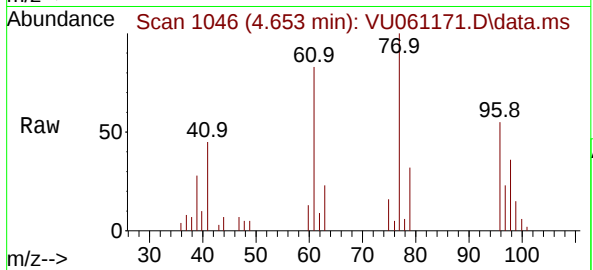




#21
2,2-Dichloropropane
Concen: 0.497 ug/l
RT: 4.653 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

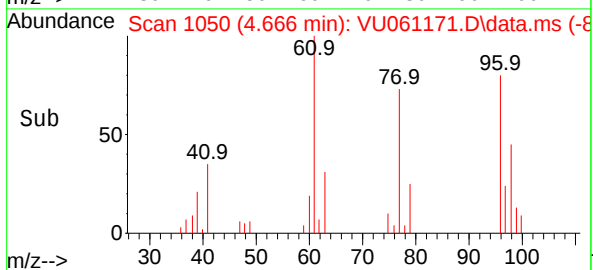
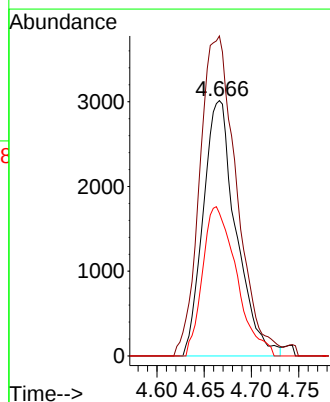
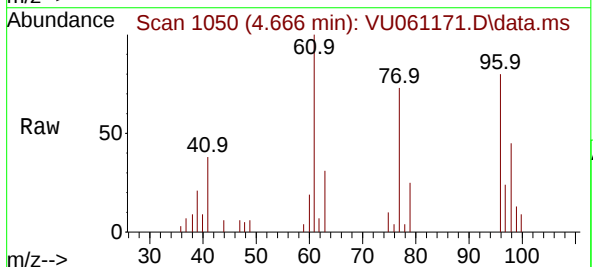
Instrument :
MSVOA_U
ClientSampleId :

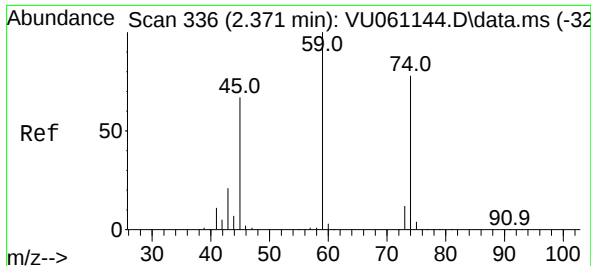
Tgt Ion: 77 Resp: 10112
Ion Ratio Lower Upper
77 100
97 12.5 18.3 27.5#



#22
cis-1,2-Dichloroethene
Concen: 0.536 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 96 Resp: 7272
Ion Ratio Lower Upper
96 100
61 141.0 0.0 364.8
98 60.4 32.1 96.3

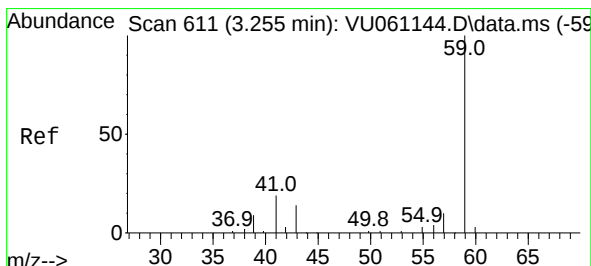
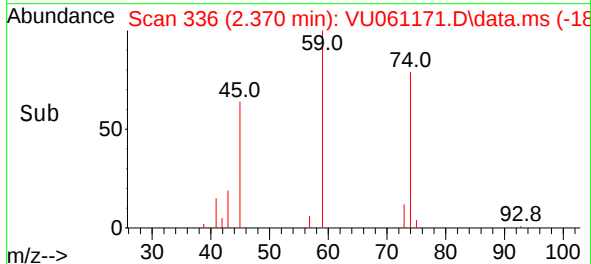
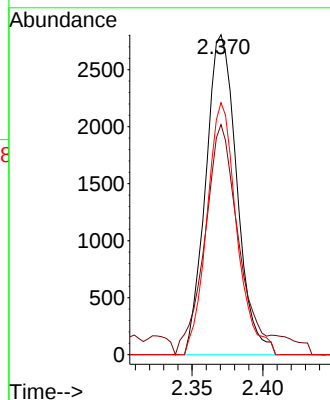
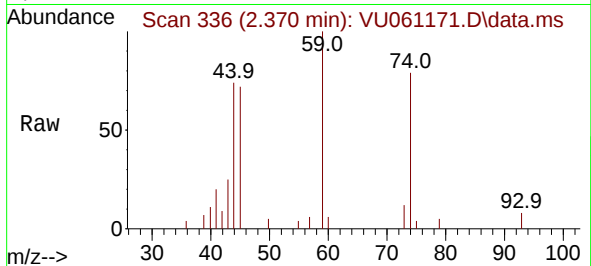




#23
Diethyl Ether
Concen: 0.520 ug/l
RT: 2.370 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

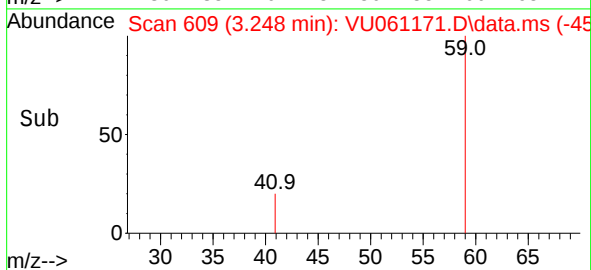
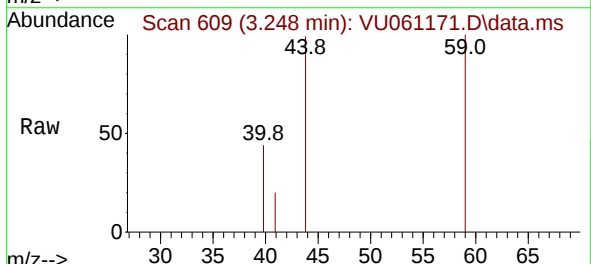
Instrument :
MSVOA_U
ClientSampleId :

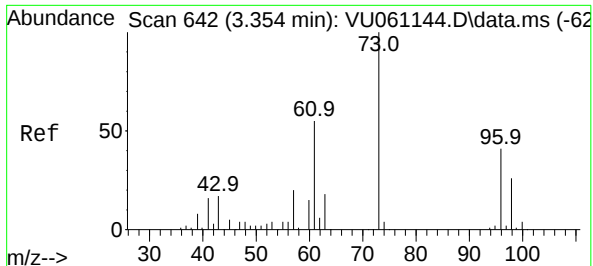
Tgt Ion: 59 Resp: 4288
Ion Ratio Lower Upper
59 100
45 82.1 52.0 78.0#
74 75.5 62.2 93.2



#24
tert-Butyl Alcohol
Concen: 0.151 ug/l
RT: 3.248 min Scan# 609
Delta R.T. -0.007 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 154.6 3.2 4.8#





#25

Methyl tert-Butyl Ether

Concen: 0.520 ug/l

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

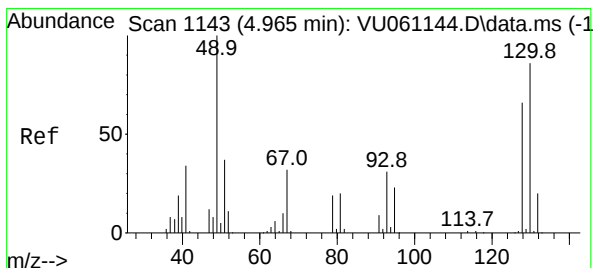
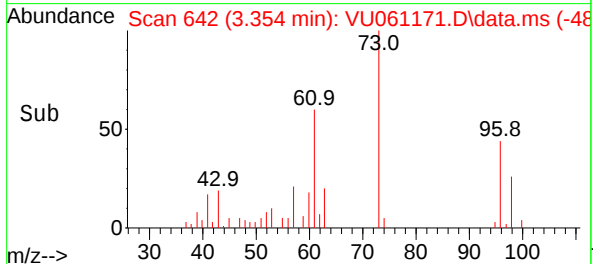
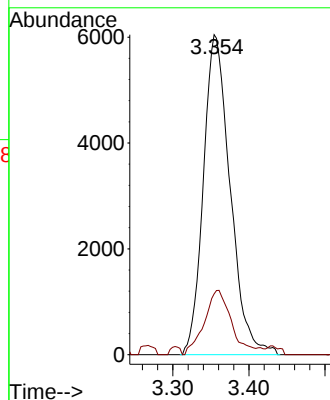
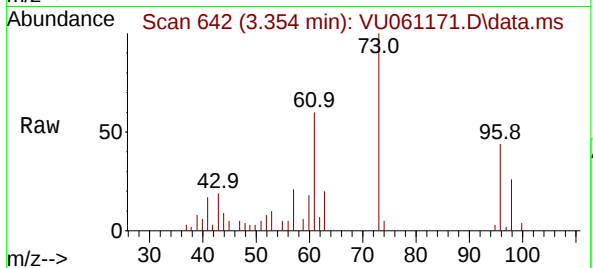
ClientSampleId :

Tgt Ion: 73 Resp: 14788

Ion Ratio Lower Upper

73 100

43 20.2 14.7 22.1



#26

Bromochloromethane

Concen: 0.509 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

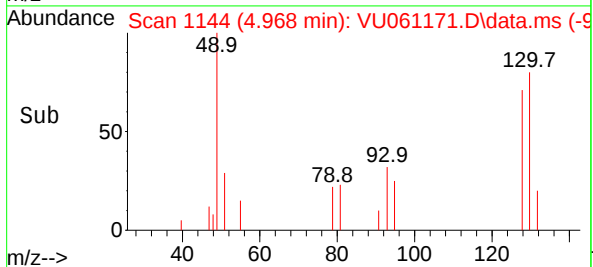
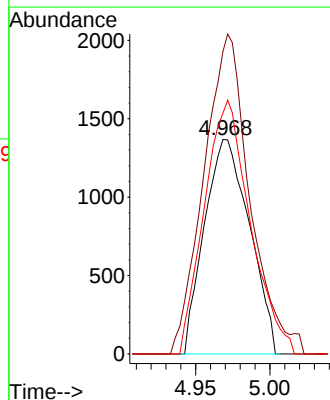
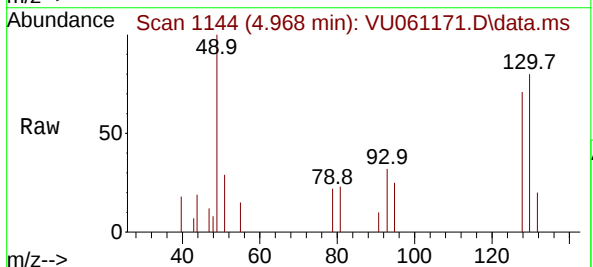
Tgt Ion: 128 Resp: 2885

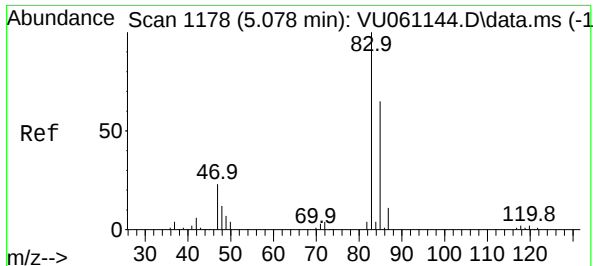
Ion Ratio Lower Upper

128 100

49 152.7 0.0 308.8

130 120.5 105.3 157.9

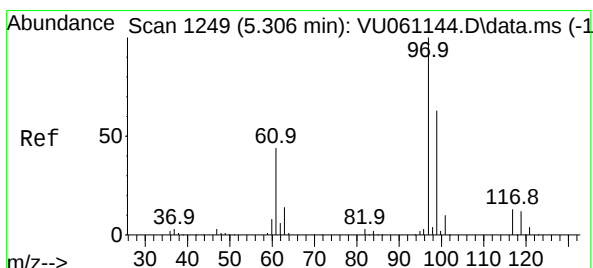
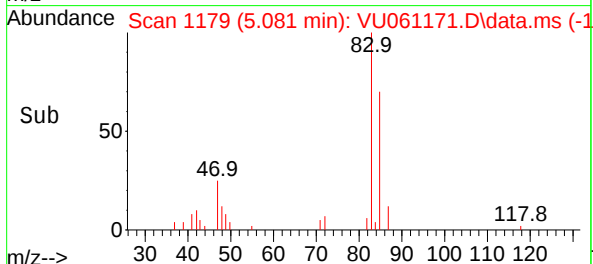
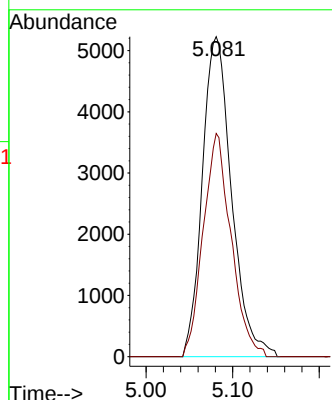
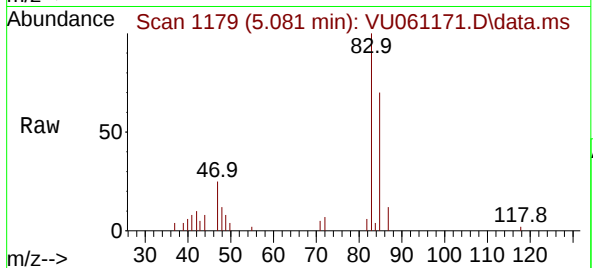




#27
Chloroform
Concen: 0.529 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

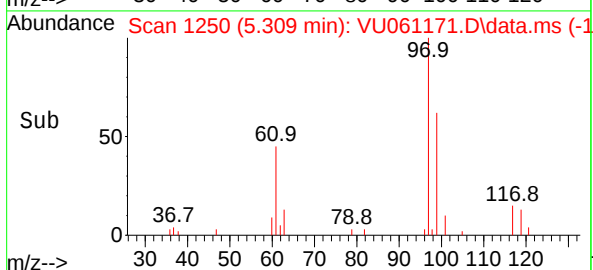
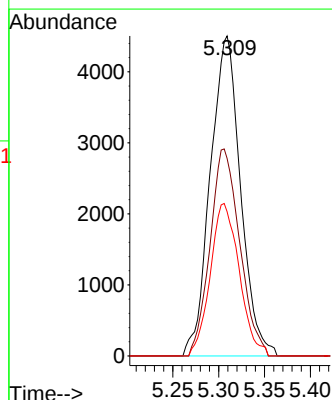
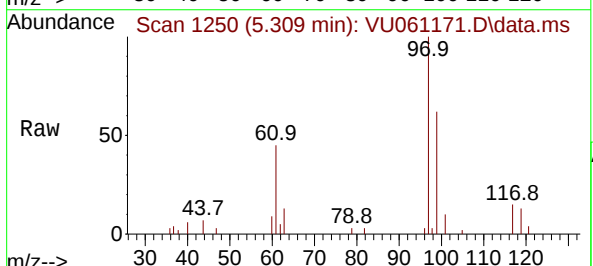
Instrument :
MSVOA_U
ClientSampleId :

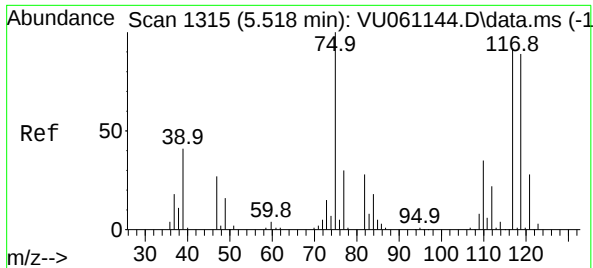
Tgt Ion: 83 Resp: 12244
Ion Ratio Lower Upper
83 100
85 69.8 0.0 129.6



#28
1,1,1-Trichloroethane
Concen: 0.506 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 97 Resp: 10326
Ion Ratio Lower Upper
97 100
99 63.5 31.9 95.5
61 45.7 22.1 66.1

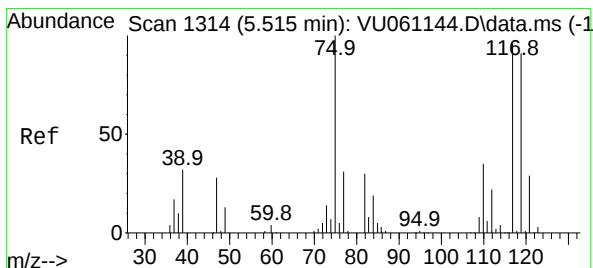
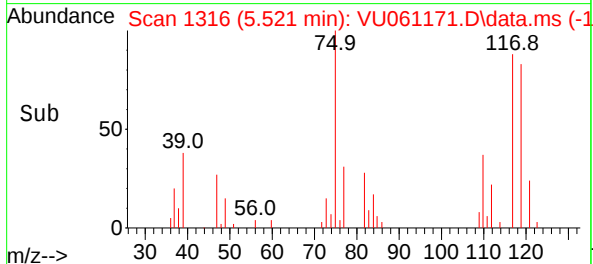
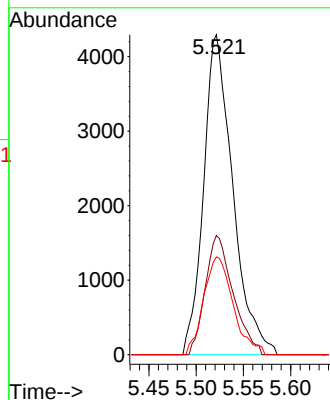
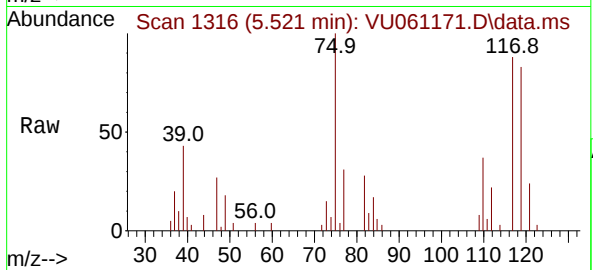




#29
1,1-Dichloropropene
Concen: 0.512 ug/l
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

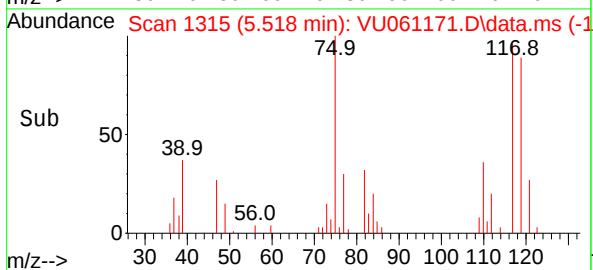
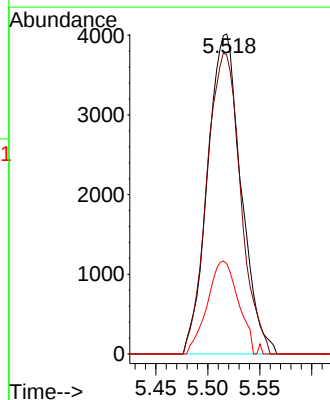
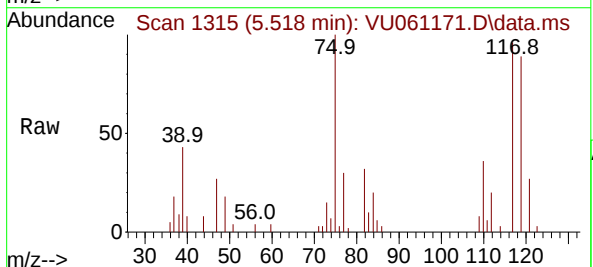
Instrument :
MSVOA_U
ClientSampleId :

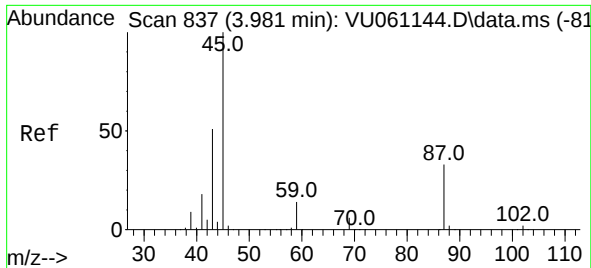
Tgt Ion: 75 Resp: 9234
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 30.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.506 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:117 Resp: 8959
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 28.2 24.1 36.1

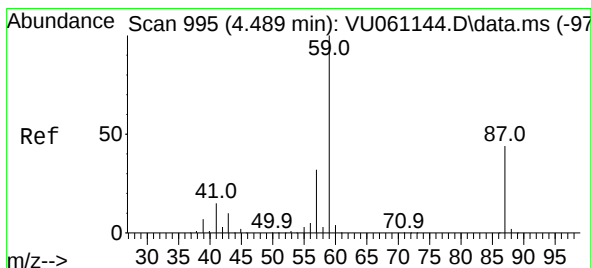
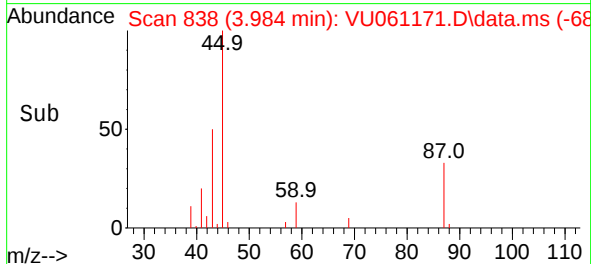
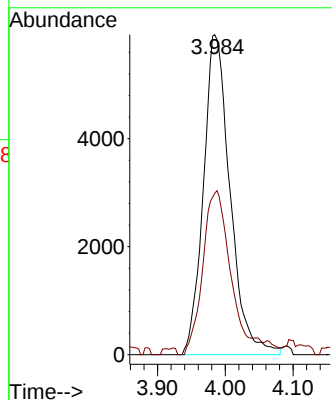
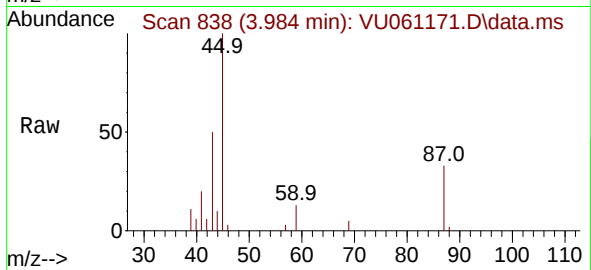




#31
Isopropyl Ether
Concen: 0.514 ug/l
RT: 3.984 min Scan# 838
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

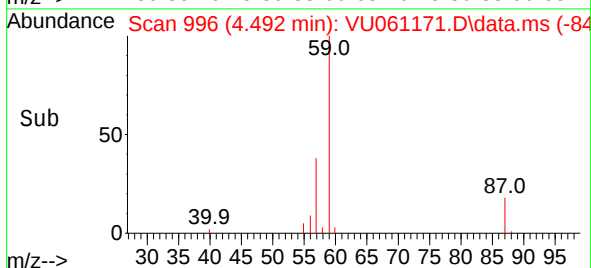
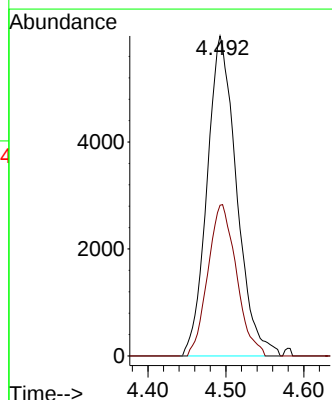
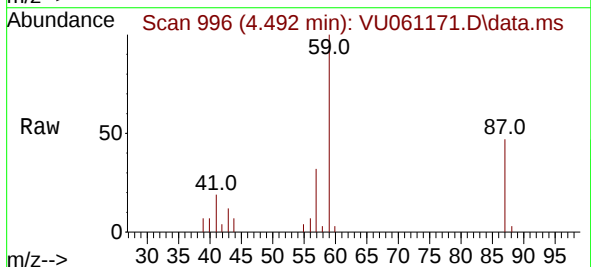
Instrument :
MSVOA_U
ClientSampleId :

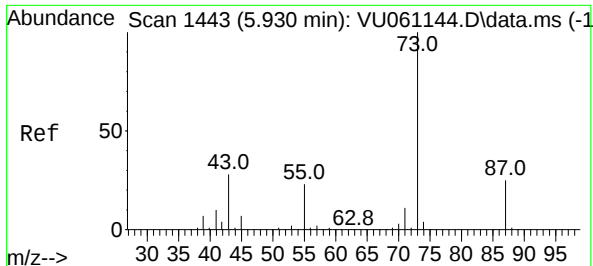
Tgt Ion: 45 Resp: 16187
Ion Ratio Lower Upper
45 100
43 53.8 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.487 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 59 Resp: 15767
Ion Ratio Lower Upper
59 100
87 45.6 34.7 52.1





#33

Tert-Amyl methyl ether

Concen: 0.518 ug/l

RT: 5.936 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VU061171.D

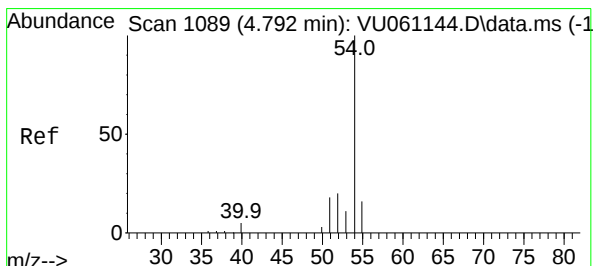
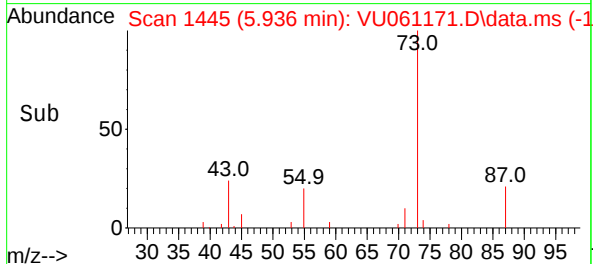
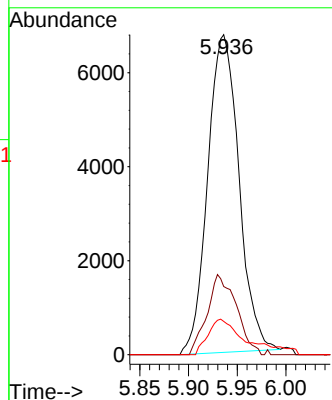
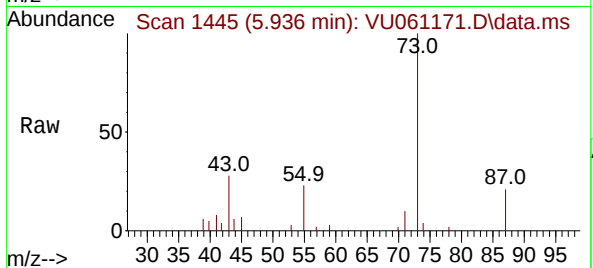
Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 15086
Ion Ratio	Lower Upper
73	100
87	23.6 19.8 29.8
71	10.0 8.6 12.8



#34

Propionitrile

Concen: 1.232 ug/l

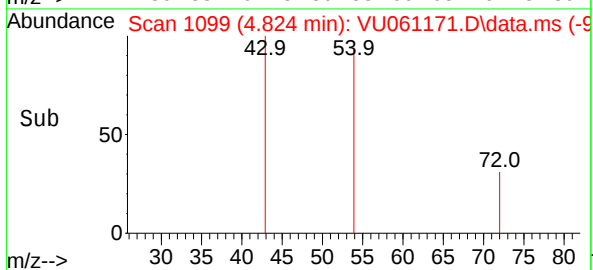
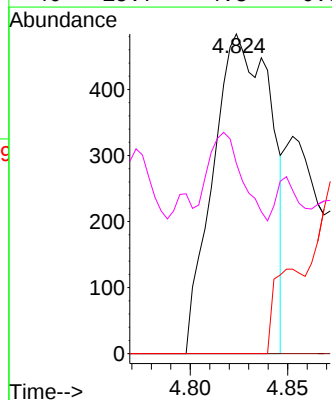
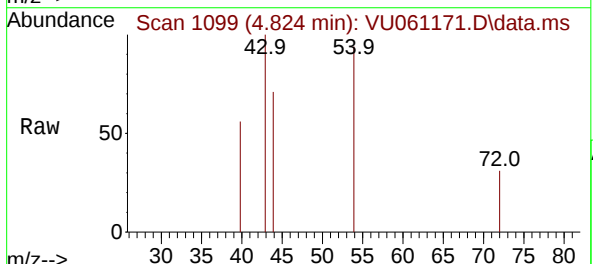
RT: 4.824 min Scan# 1099

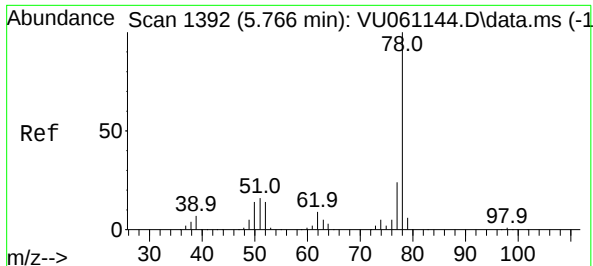
Delta R.T. 0.032 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion: 54	Resp: 1002
Ion Ratio	Lower Upper
54	100
52	0.0 15.3 22.9#
55	0.0 9.7 14.5#
40	15.7 4.3 6.5#





#35

Benzene

Concen: 0.515 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

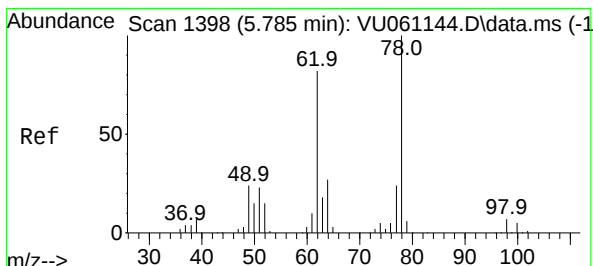
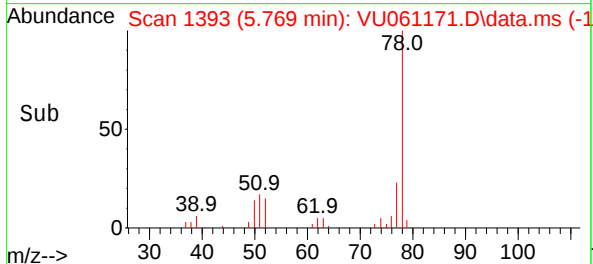
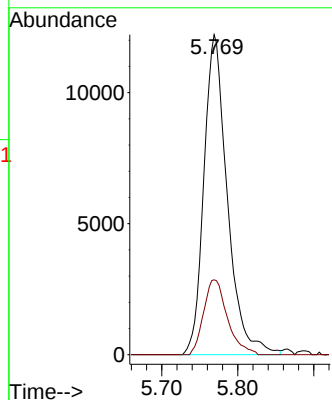
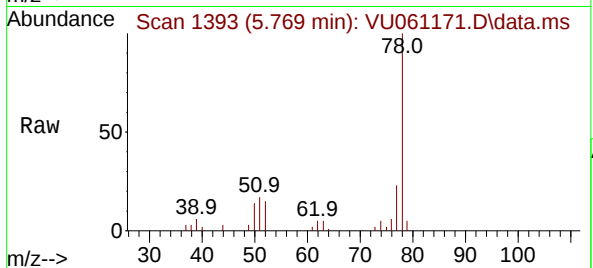
ClientSampleId :

Tgt Ion: 78 Resp: 26164

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0



#36

1,2-Dichloroethane

Concen: 0.523 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.009 min

Lab File: VU061171.D

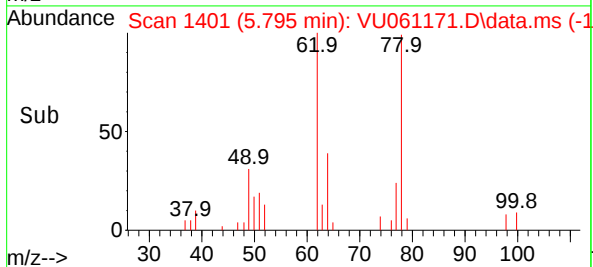
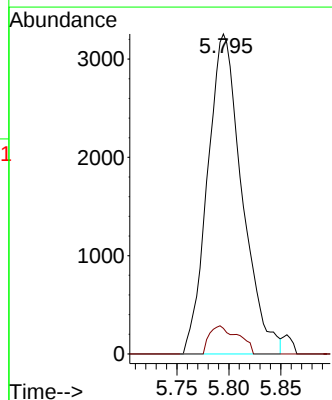
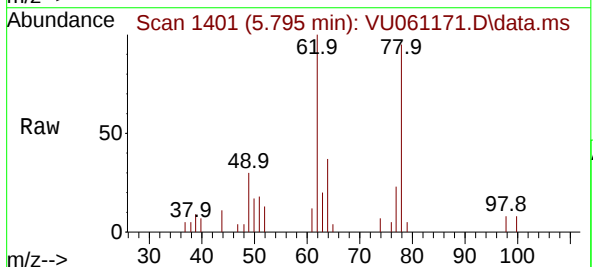
Acq: 21 Oct 2024 14:53

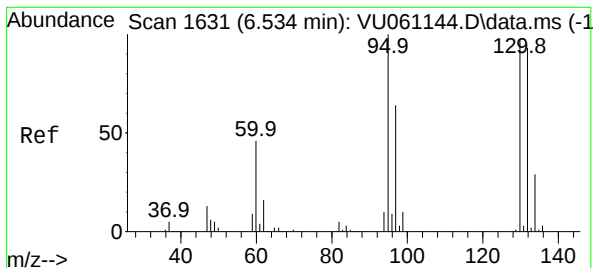
Tgt Ion: 62 Resp: 7501

Ion Ratio Lower Upper

62 100

98 7.3 7.0 10.4





#37

Trichloroethene

Concen: 0.504 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

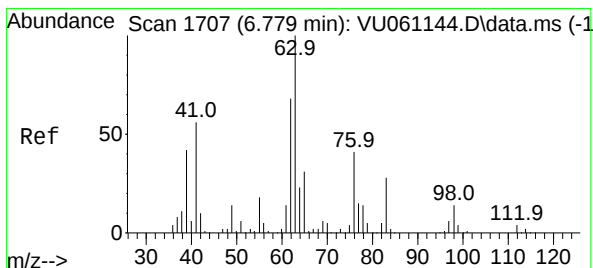
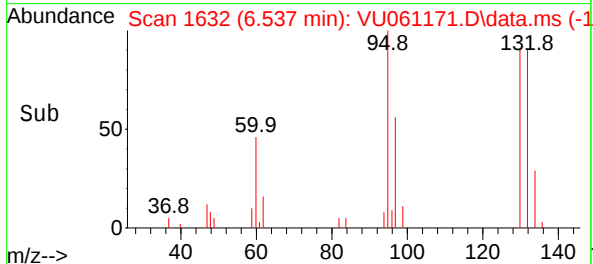
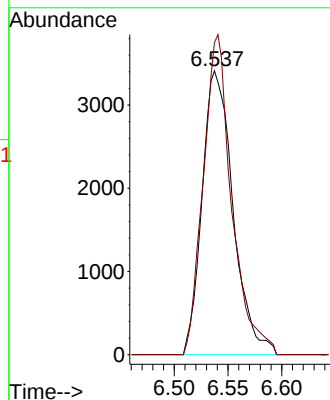
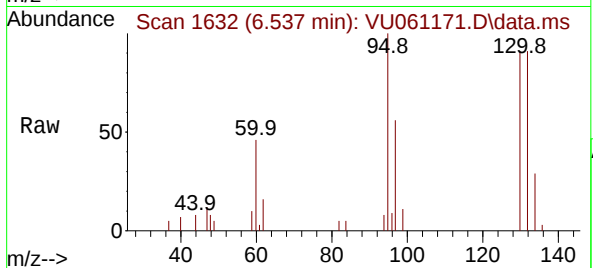
ClientSampleId :

Tgt Ion:130 Resp: 6831

Ion Ratio Lower Upper

130 100

95 109.9 82.6 123.8



#38

1,2-Dichloropropane

Concen: 0.510 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU061171.D

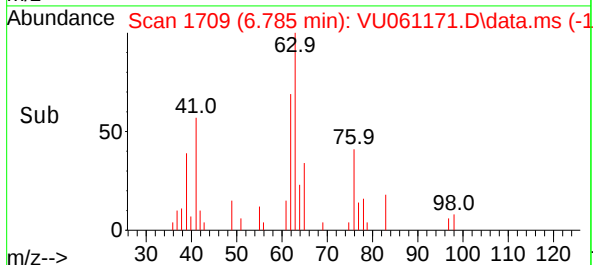
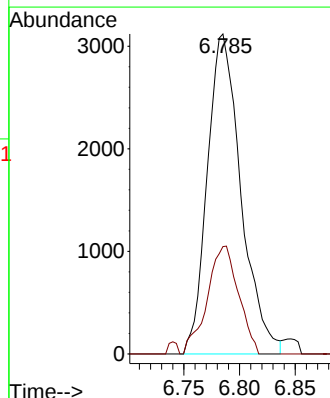
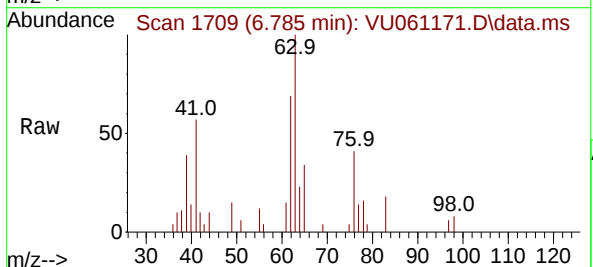
Acq: 21 Oct 2024 14:53

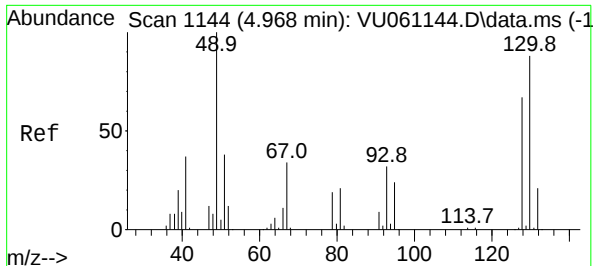
Tgt Ion: 63 Resp: 6559

Ion Ratio Lower Upper

63 100

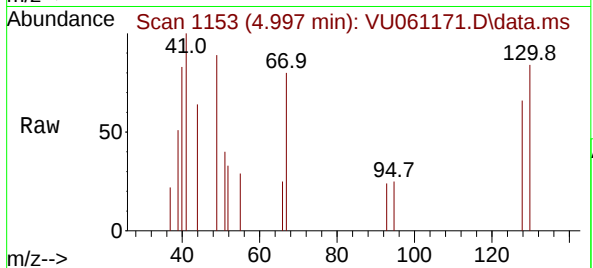
65 33.6 25.0 37.6



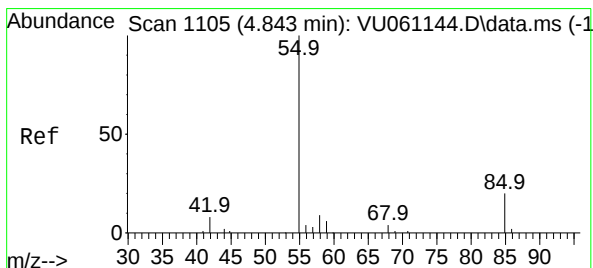
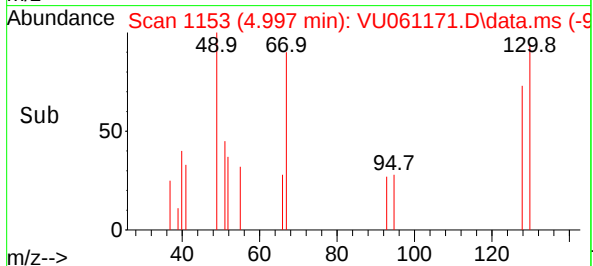
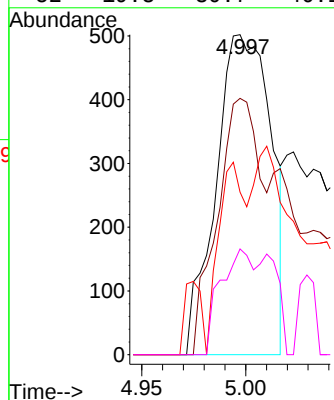


#39
Methacrylonitrile
Concen: 0.318 ug/l
RT: 4.997 min Scan# 1153
Delta R.T. 0.029 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :

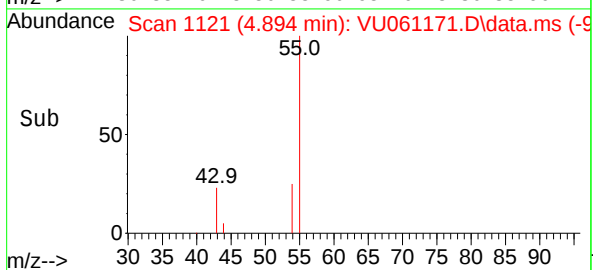
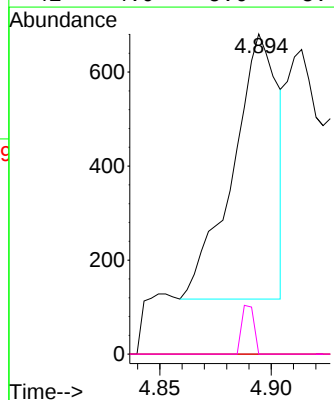
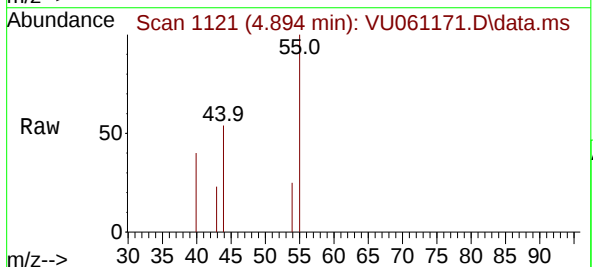


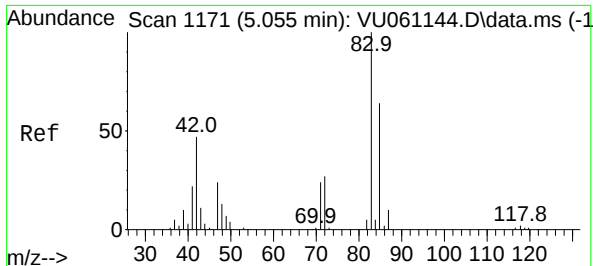
Tgt Ion:	41	Resp:	931
Ion	Ratio	Lower	Upper
41	100		
67	63.5	78.1	117.1#
39	29.2	44.6	67.0#
52	19.3	30.7	46.1#



#40
Methyl acrylate
Concen: 0.134 ug/l
RT: 4.894 min Scan# 1121
Delta R.T. 0.051 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:	55	Resp:	795
Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.1	21.1#
58	0.0	6.9	10.3#
42	4.9	5.6	8.4#





#41

Tetrahydrofuran

Concen: 0.423 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.016 min

Lab File: VU061171.D

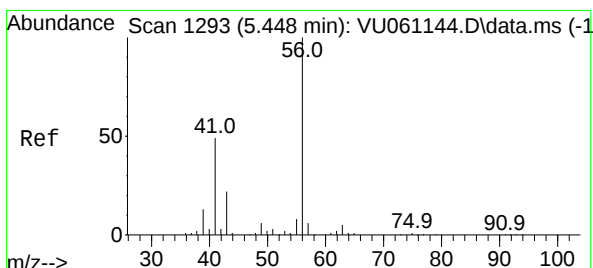
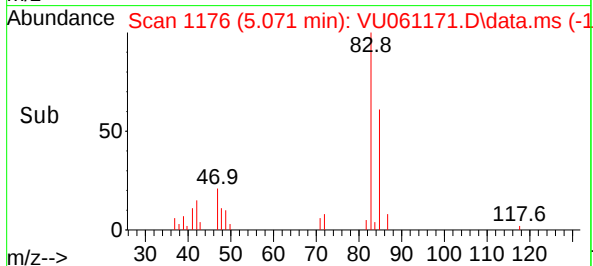
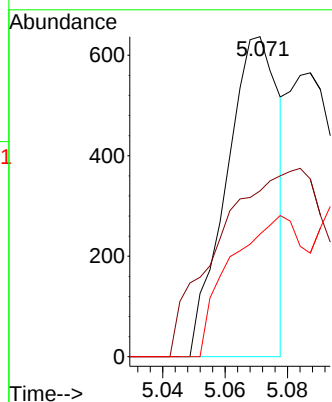
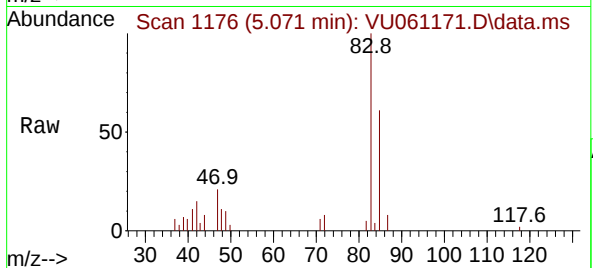
Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	744
Ion Ratio	Lower	Upper	
42	100		
72	138.7	47.8	71.8#
71	62.1	41.5	62.3



#42

1-Chlorobutane

Concen: 0.470 ug/l

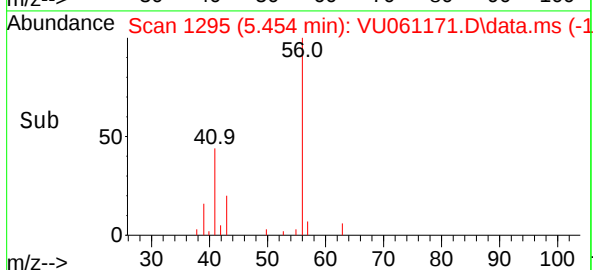
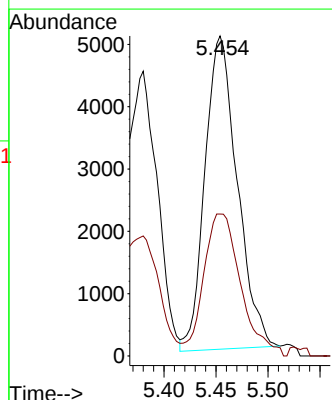
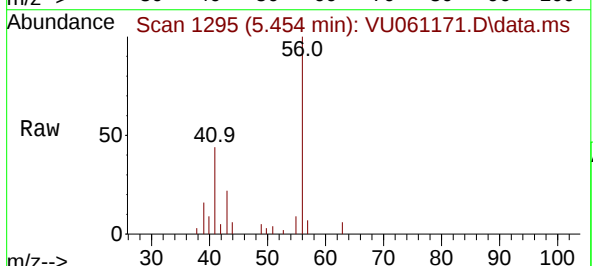
RT: 5.454 min Scan# 1295

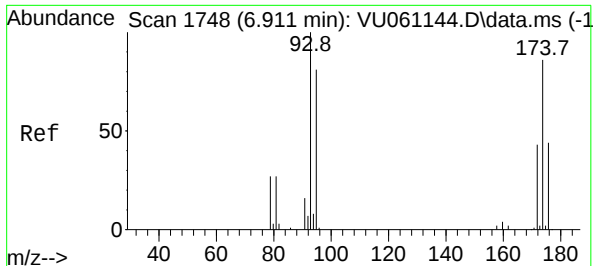
Delta R.T. 0.006 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion:	56	Resp:	10875
Ion Ratio	Lower	Upper	
56	100		
41	51.8	23.9	71.7





#43

Dibromomethane

Concen: 0.508 ug/l

RT: 6.917 min Scan# 1

Delta R.T. 0.006 min

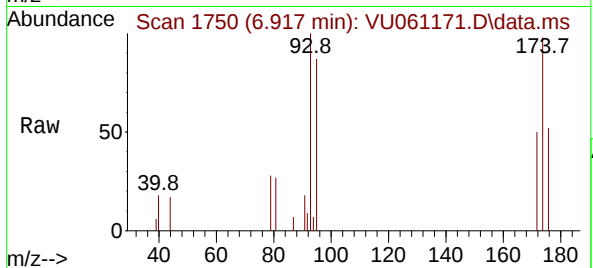
Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :



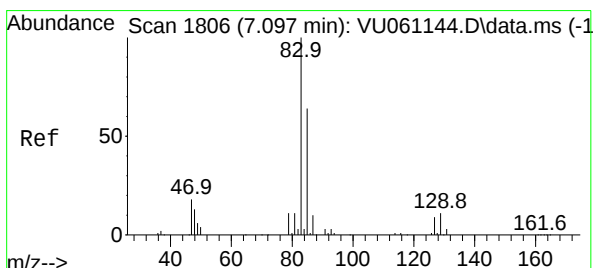
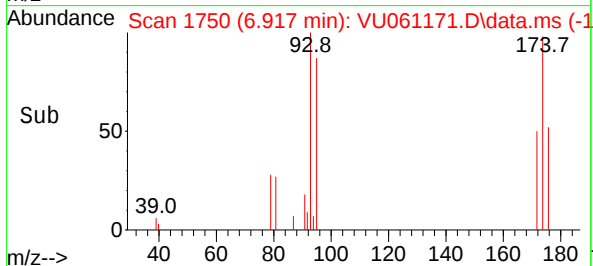
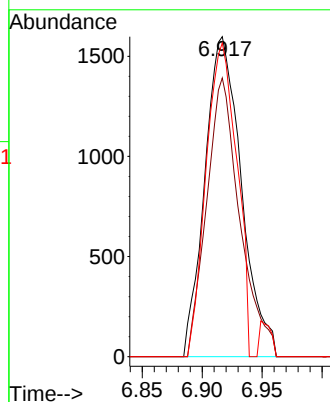
Tgt Ion: 93 Resp: 3384

Ion Ratio Lower Upper

93 100

95 79.0 67.5 101.3

174 82.4 71.2 106.8



#44

Bromodichloromethane

Concen: 0.499 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

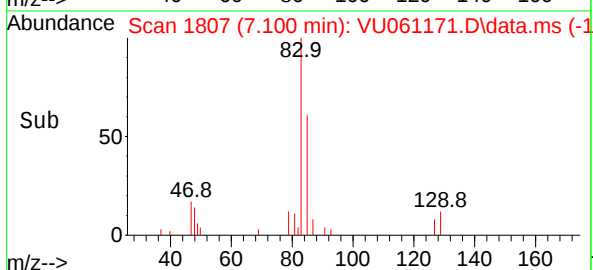
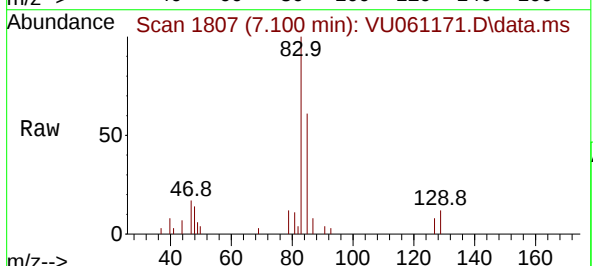
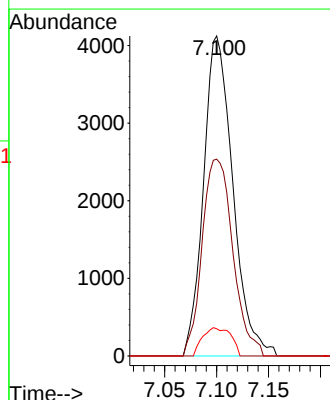
Tgt Ion: 83 Resp: 8092

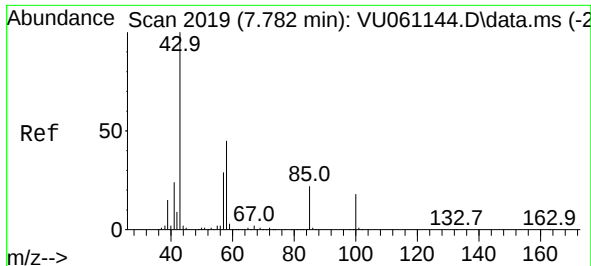
Ion Ratio Lower Upper

83 100

85 61.5 51.4 77.2

127 8.5 7.4 11.2

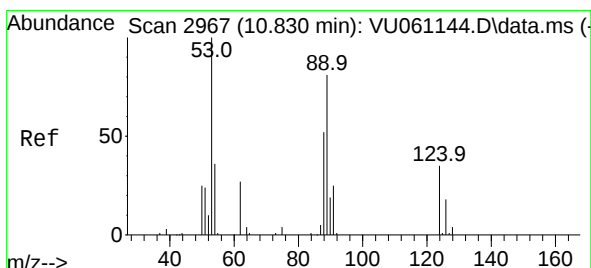
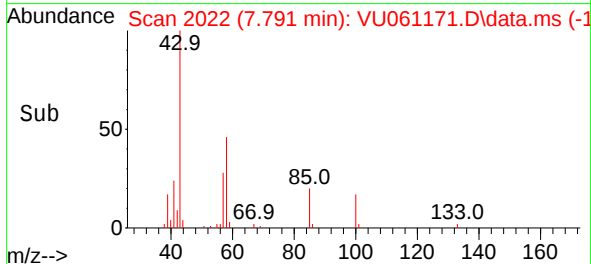
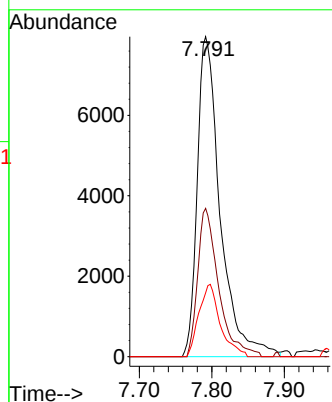
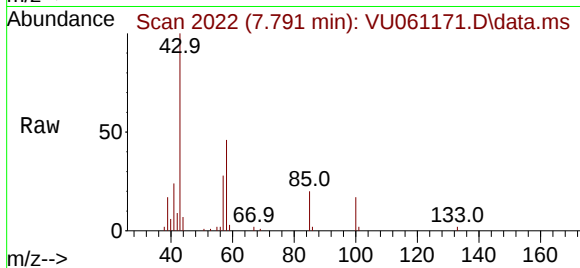




#45
4-Methyl-2-Pentanone
Concen: 2.609 ug/l
RT: 7.791 min Scan# 2019
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

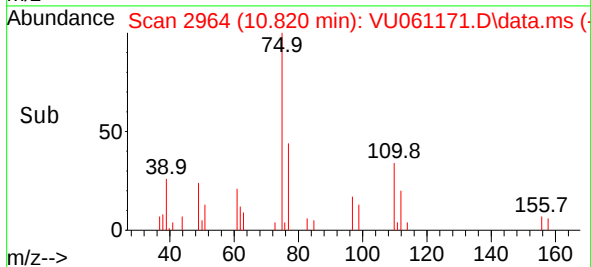
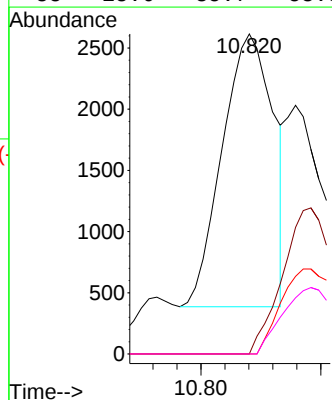
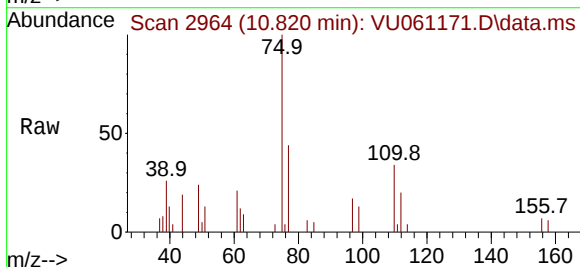
Instrument :
MSVOA_U
ClientSampleId :

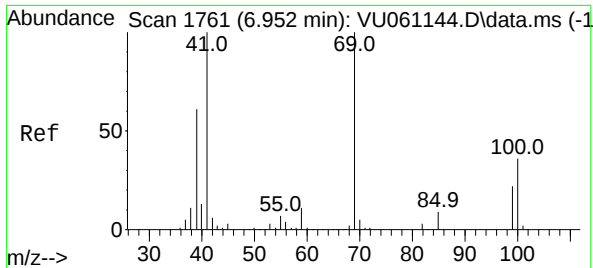
Tgt Ion: 43 Resp: 17464
Ion Ratio Lower Upper
43 100
58 42.2 22.2 66.6
85 21.1 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 1.238 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

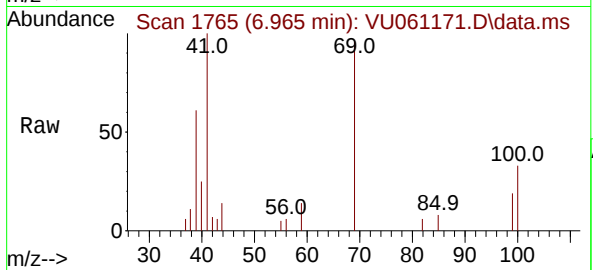
Tgt Ion: 75 Resp: 3304
Ion Ratio Lower Upper
75 100
53 64.7 66.0 99.0#
89 39.0 48.0 72.0#
88 28.6 35.7 53.5#



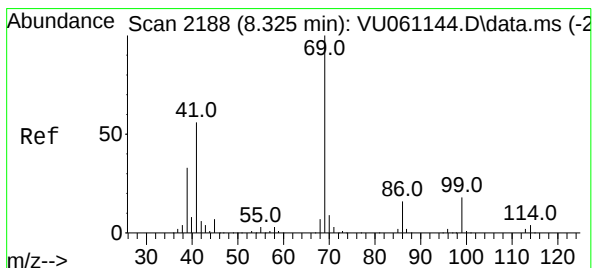
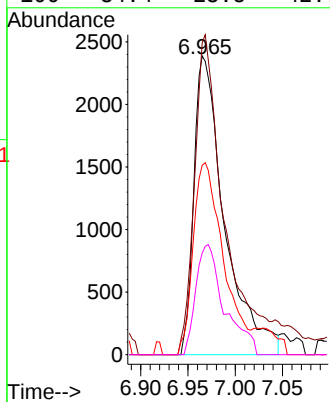
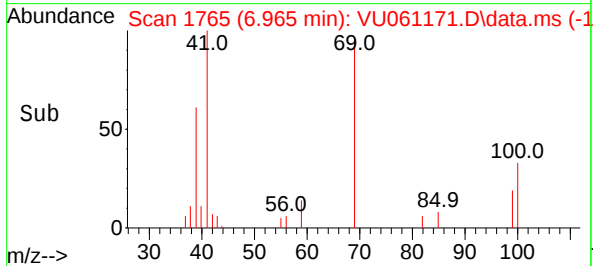


#47
Methyl methacrylate
Concen: 0.928 ug/l
RT: 6.965 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :

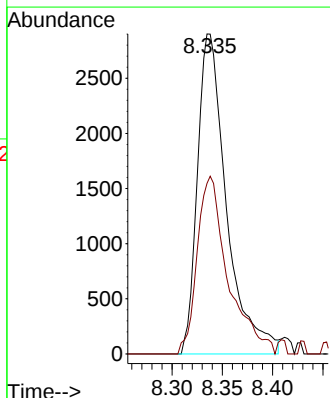
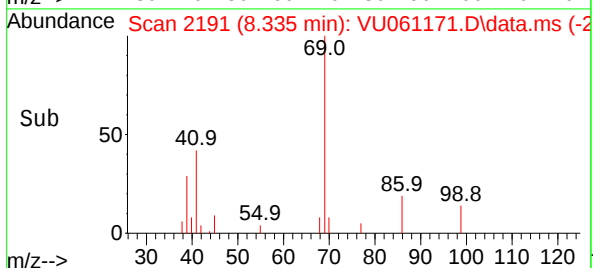
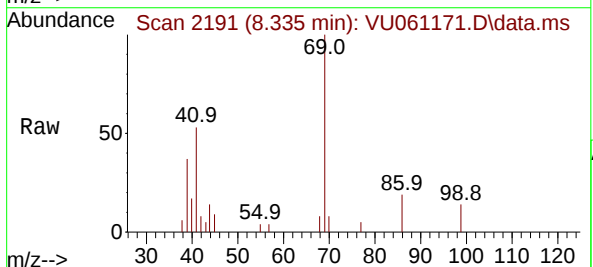


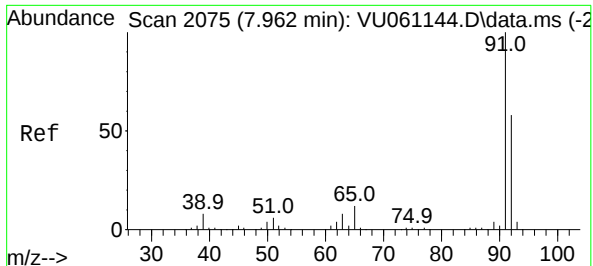
Tgt Ion: 69 Resp: 5375
Ion Ratio Lower Upper
69 100
41 114.4 0.0 196.0
39 63.4 48.0 72.0
100 34.4 28.5 42.7



#48
Ethyl methacrylate
Concen: 0.473 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 69 Resp: 5841
Ion Ratio Lower Upper
69 100
41 58.9 28.1 84.3





#49

Toluene

Concen: 0.535 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

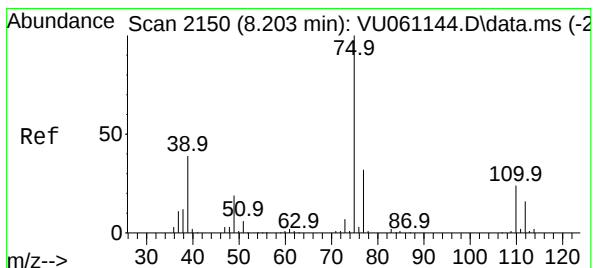
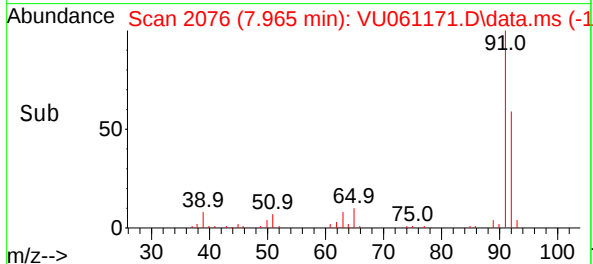
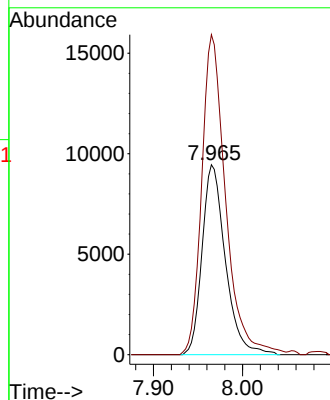
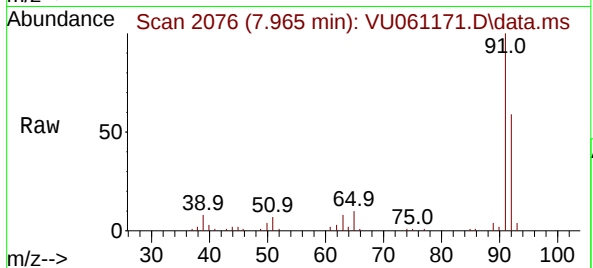
ClientSampleId :

Tgt Ion: 92 Resp: 17162

Ion Ratio Lower Upper

92 100

91 172.6 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 0.473 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.009 min

Lab File: VU061171.D

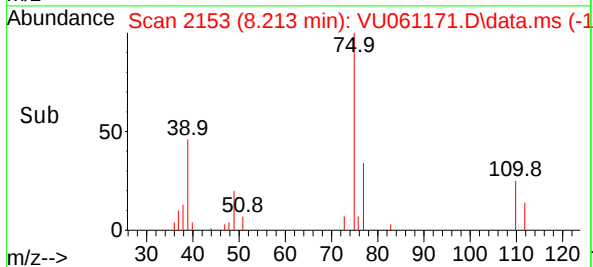
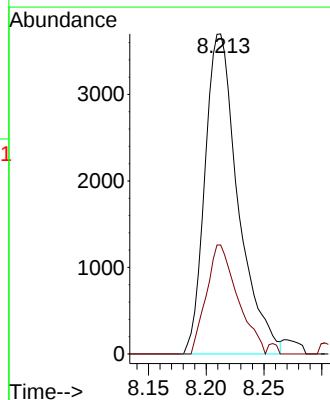
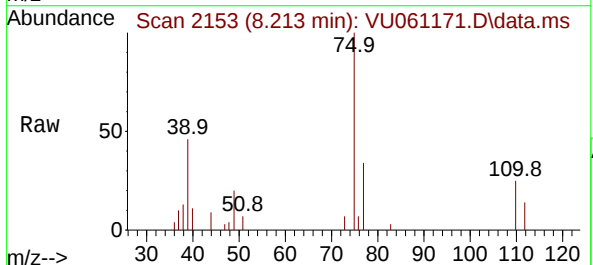
Acq: 21 Oct 2024 14:53

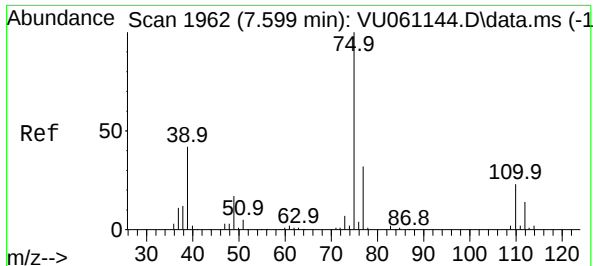
Tgt Ion: 75 Resp: 7387

Ion Ratio Lower Upper

75 100

77 34.1 25.9 38.9

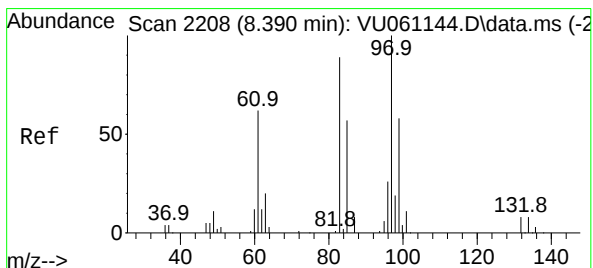
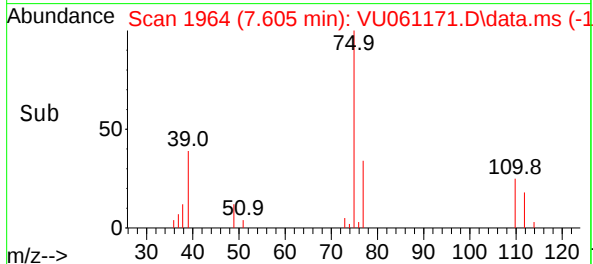
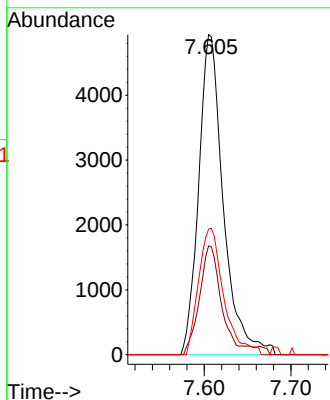
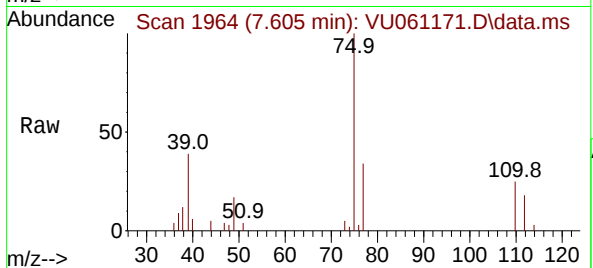




#51
 cis-1,3-Dichloropropene
 Concen: 0.508 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

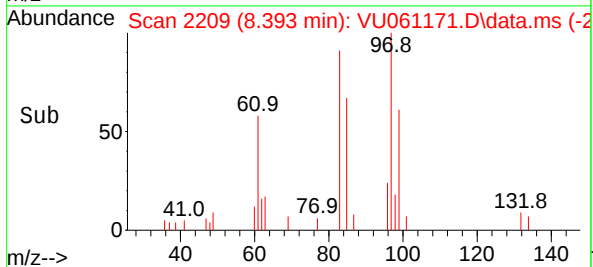
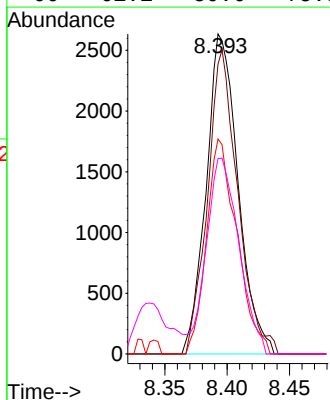
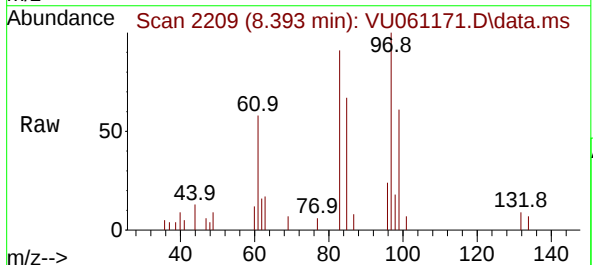
Instrument :
 MSVOA_U
 ClientSampleId :

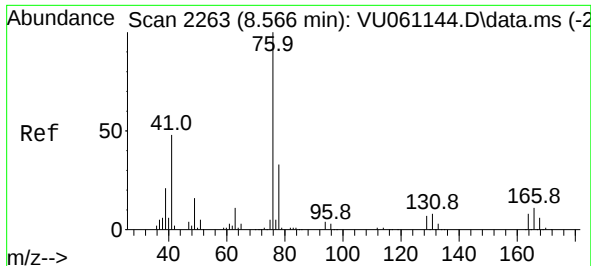
Tgt Ion: 75 Resp: 9748
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.8
 39 33.6 33.7 50.5#



#52
 1,1,2-Trichloroethane
 Concen: 0.522 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

Tgt Ion: 97 Resp: 4690
 Ion Ratio Lower Upper
 97 100
 83 90.6 71.0 106.4
 85 67.1 46.1 69.1
 99 61.1 50.6 75.8

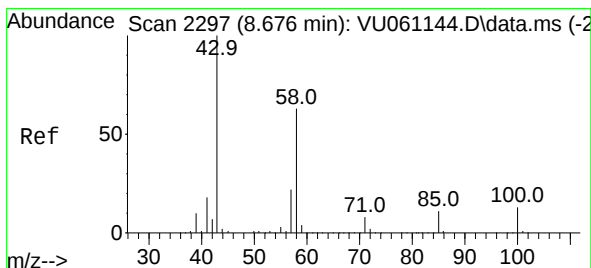
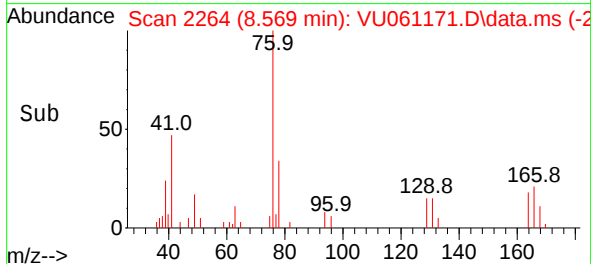
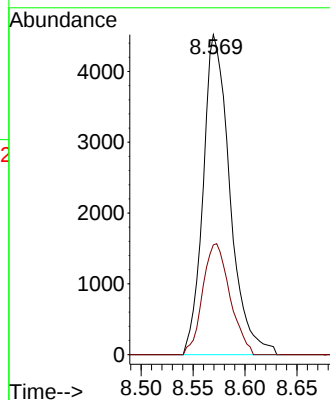
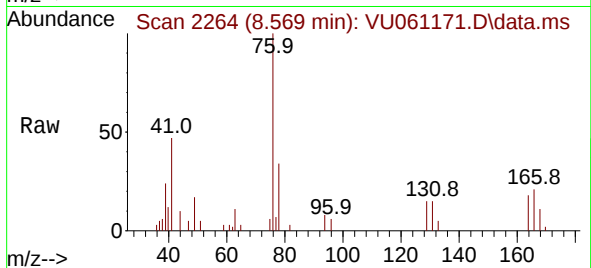




#53
1,3-Dichloropropane
Concen: 0.513 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

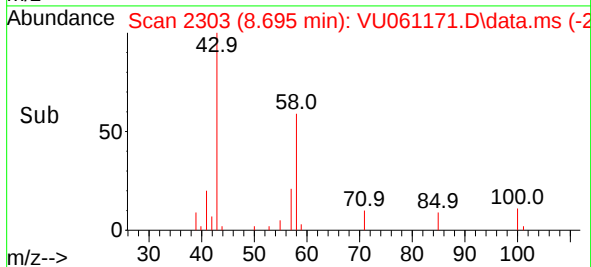
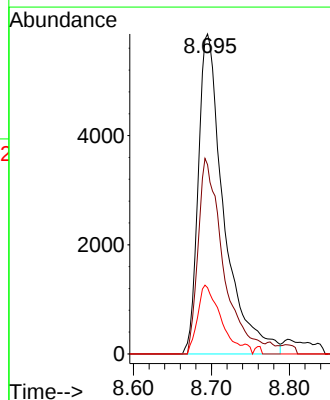
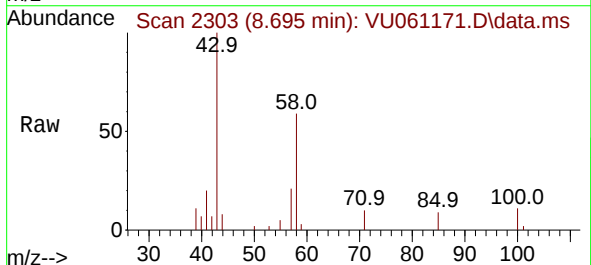
Instrument :
MSVOA_U
ClientSampleId :

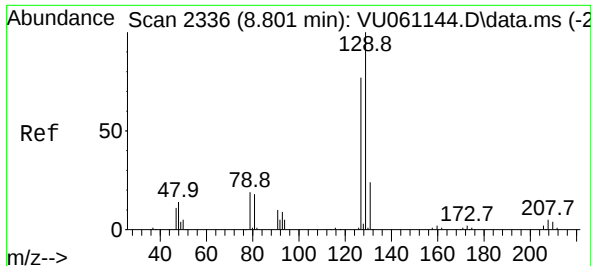
Tgt Ion: 76 Resp: 8102
Ion Ratio Lower Upper
76 100
78 35.3 26.2 39.2



#54
2-Hexanone
Concen: 2.432 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.019 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 43 Resp: 13369
Ion Ratio Lower Upper
43 100
58 59.7 41.8 81.8
57 19.3 1.4 41.4





#55

Dibromochloromethane

Concen: 0.494 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

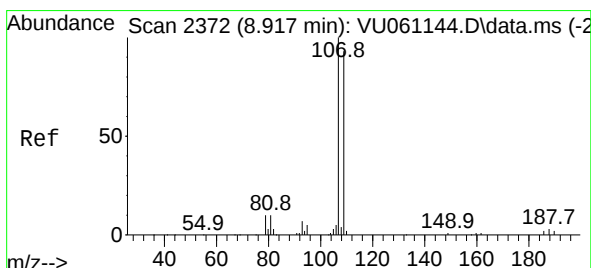
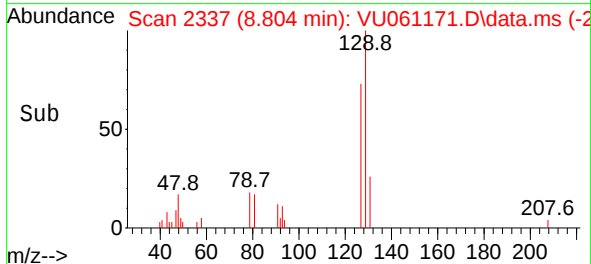
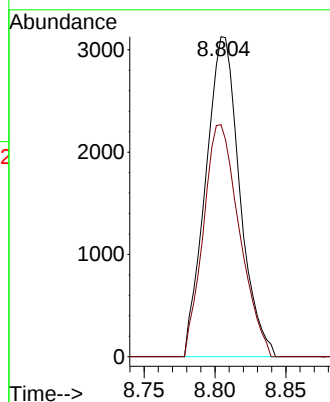
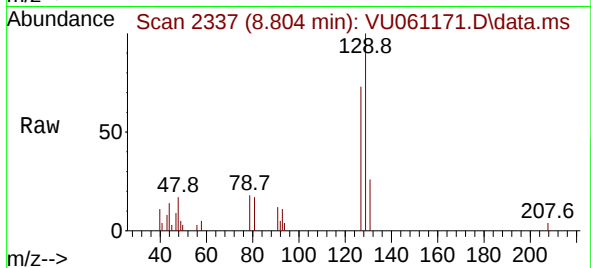
ClientSampleId :

Tgt Ion:129 Resp: 5242

Ion Ratio Lower Upper

129 100

127 76.5 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.513 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU061171.D

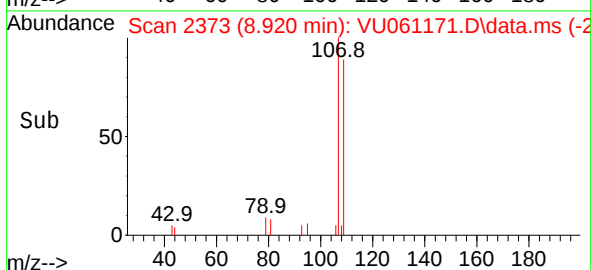
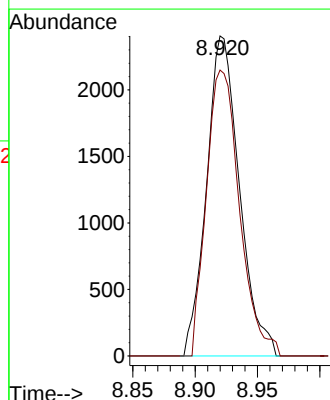
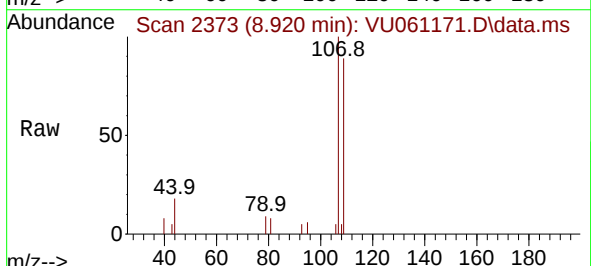
Acq: 21 Oct 2024 14:53

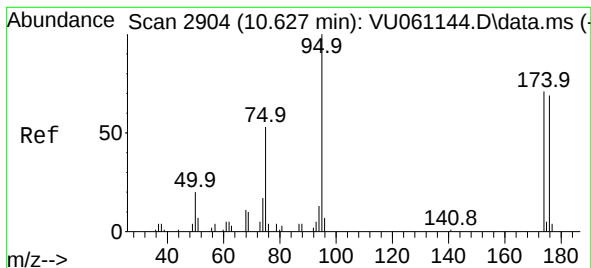
Tgt Ion:107 Resp: 4423

Ion Ratio Lower Upper

107 100

109 89.8 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.995 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

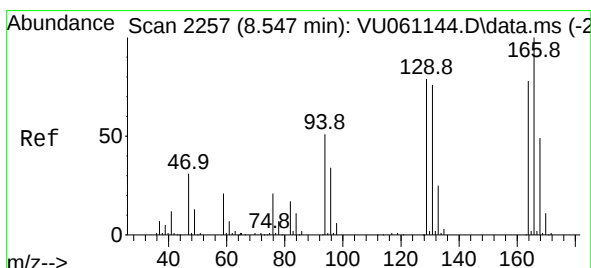
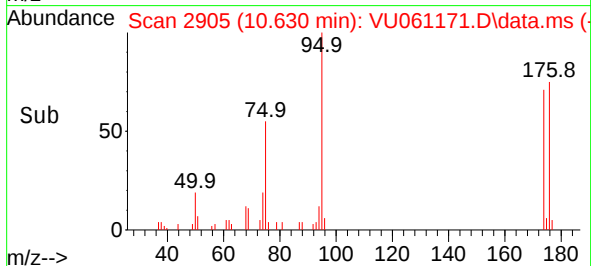
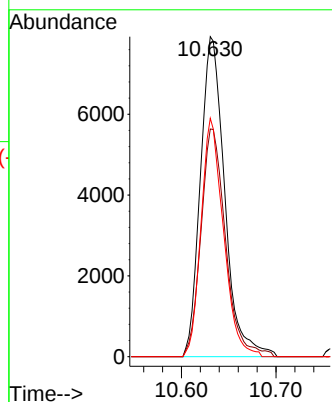
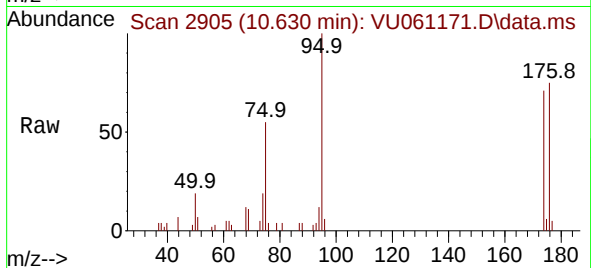
Tgt Ion: 95 Resp: 14143

Ion Ratio Lower Upper

95 100

174 72.0 55.4 83.0

176 68.6 54.4 81.6



#58

Tetrachloroethene

Concen: 0.536 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion:164 Resp: 6156

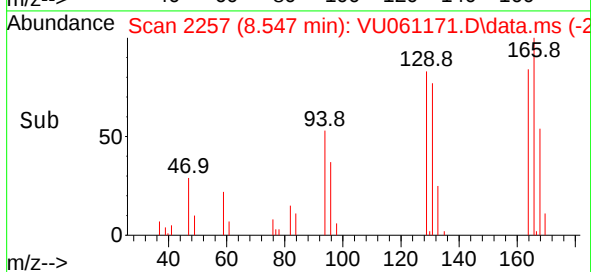
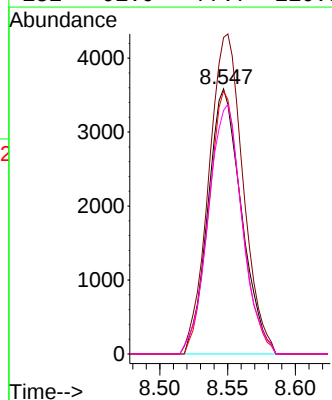
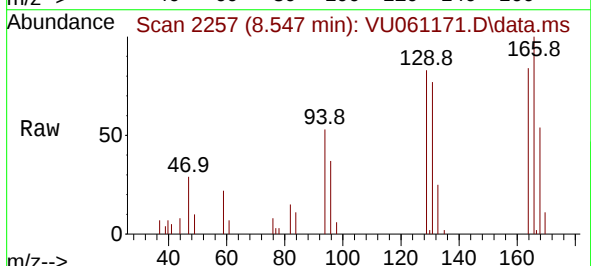
Ion Ratio Lower Upper

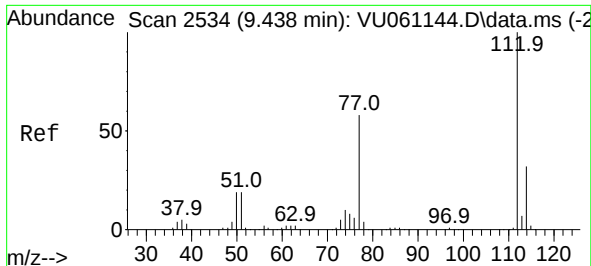
164 100

166 119.4 102.1 153.1

129 99.1 80.6 120.8

131 91.9 77.7 116.5





#59

Chlorobenzene

Concen: 0.517 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

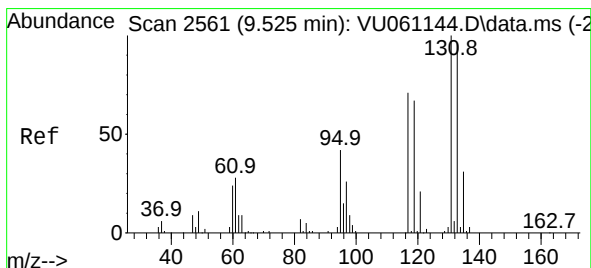
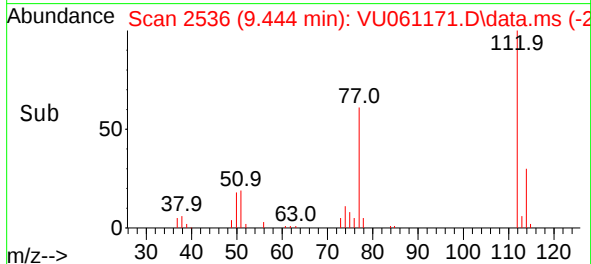
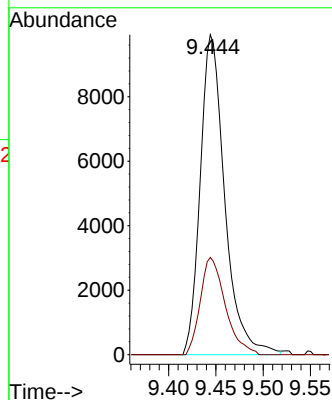
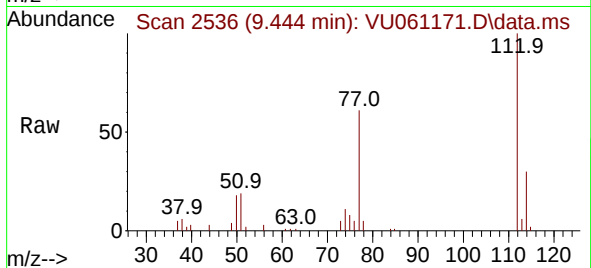
ClientSampleId :

Tgt Ion:112 Resp: 17877

Ion Ratio Lower Upper

112 100

114 30.4 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 0.494 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

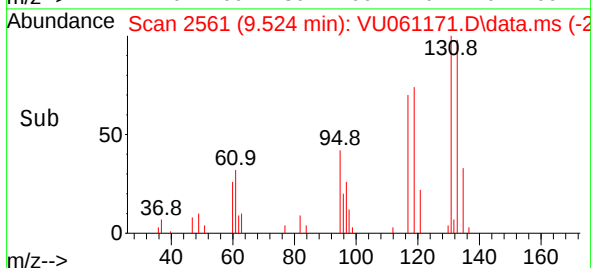
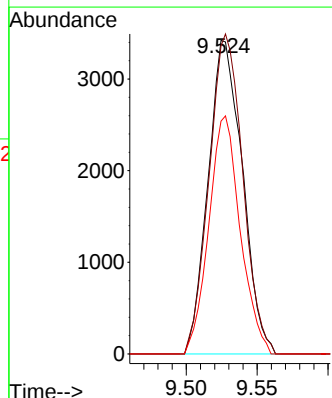
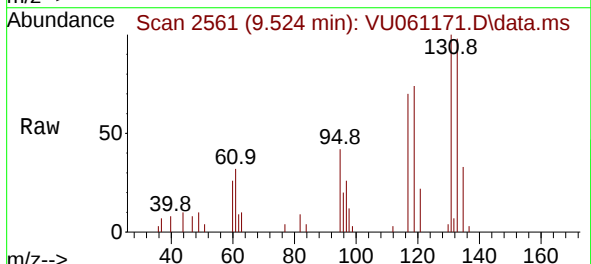
Tgt Ion:131 Resp: 5758

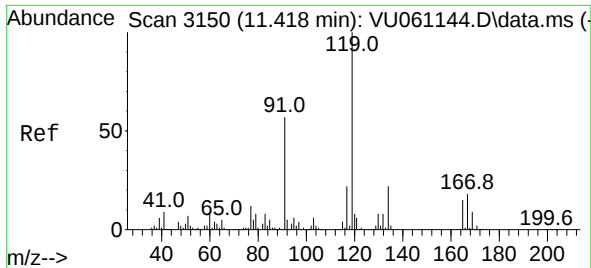
Ion Ratio Lower Upper

131 100

133 100.4 76.8 115.2

119 69.6 54.2 81.2

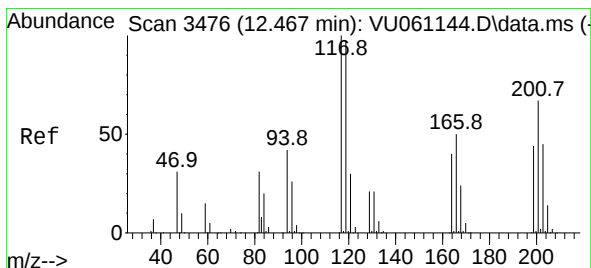
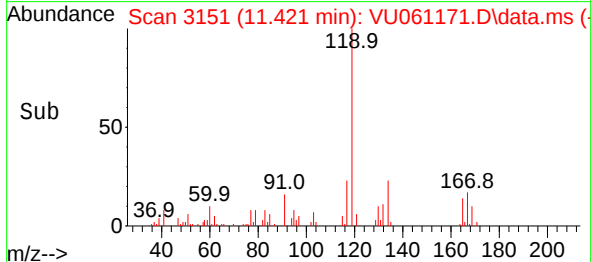
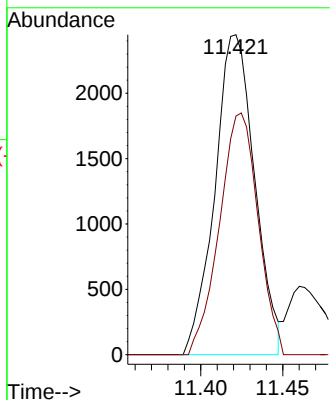
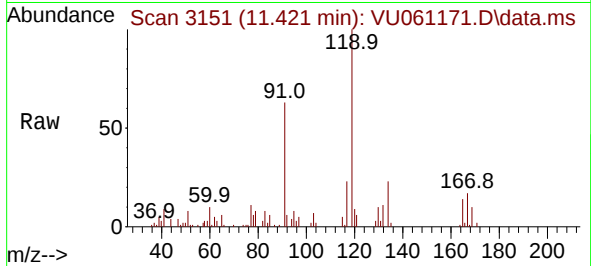




#61
 Pentachloroethane
 Concen: 0.463 ug/l
 RT: 11.421 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

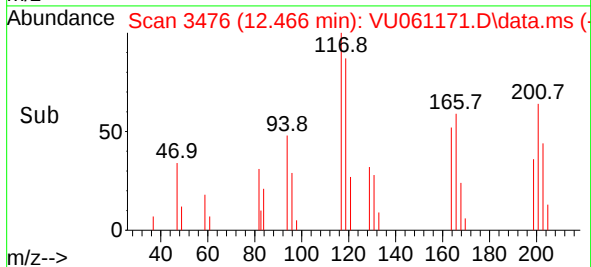
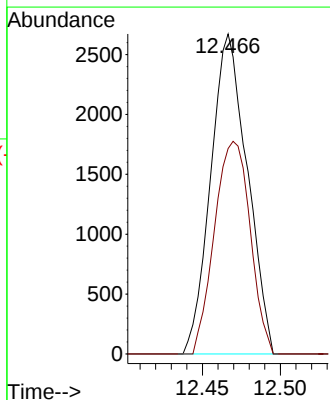
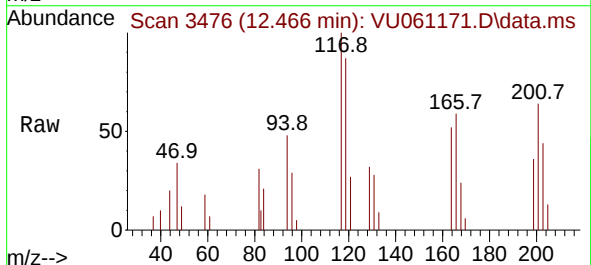
Instrument :
 MSVOA_U
 ClientSampleId :

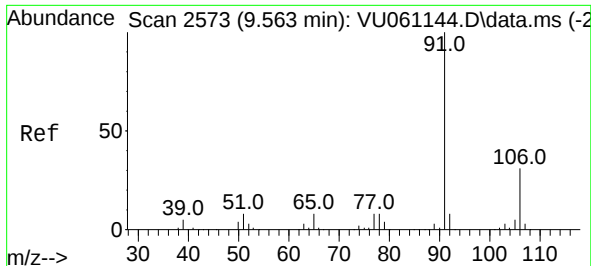
Tgt Ion:117 Resp: 4131
 Ion Ratio Lower Upper
 117 100
 167 73.3 63.4 95.2



#62
 Hexachloroethane
 Concen: 0.473 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

Tgt Ion:117 Resp: 4348
 Ion Ratio Lower Upper
 117 100
 201 64.9 54.3 81.5





#63

Ethyl Benzene

Concen: 0.513 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

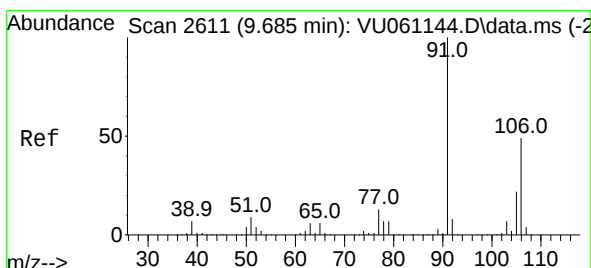
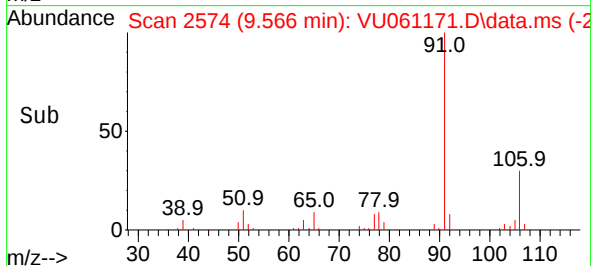
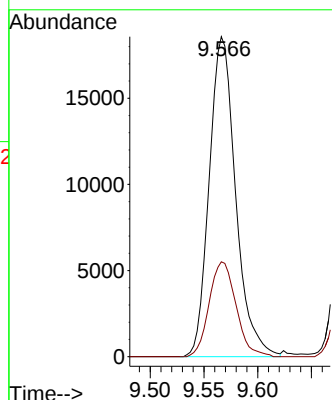
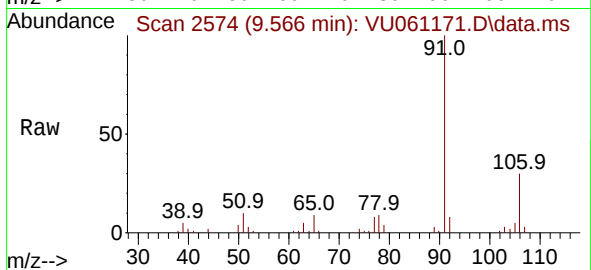
ClientSampleId :

Tgt Ion: 91 Resp: 31724

Ion Ratio Lower Upper

91 100

106 29.7 24.6 37.0



#64

m/p-Xylenes

Concen: 0.983 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU061171.D

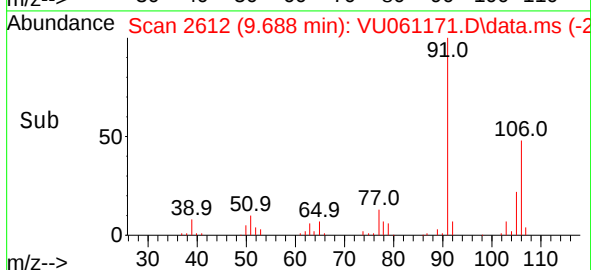
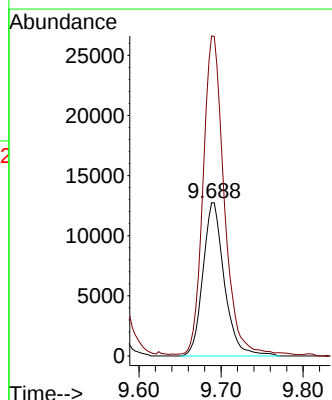
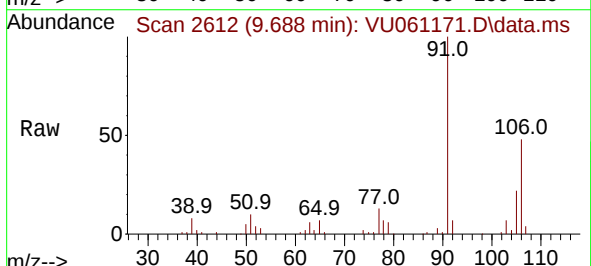
Acq: 21 Oct 2024 14:53

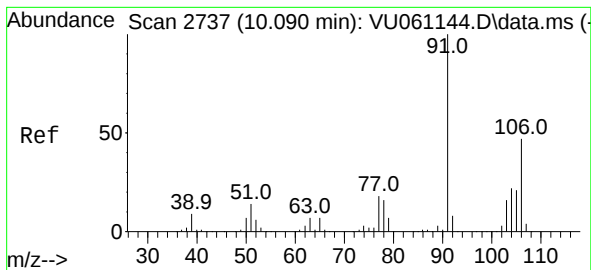
Tgt Ion:106 Resp: 23144

Ion Ratio Lower Upper

106 100

91 204.2 163.3 244.9





#65

o-Xylene

Concen: 0.525 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

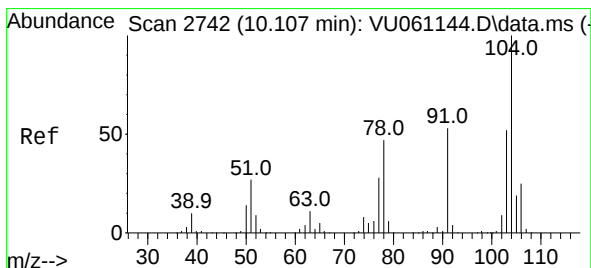
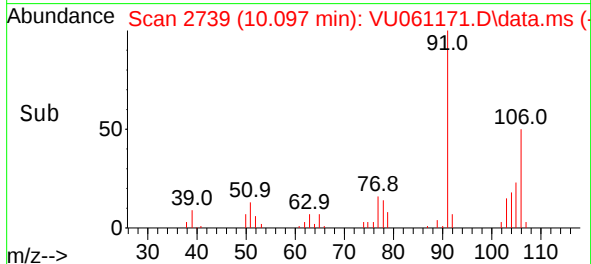
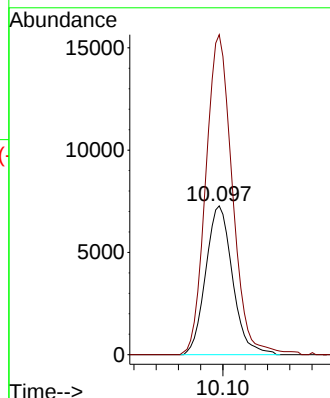
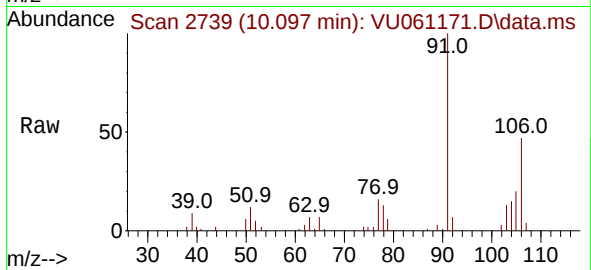
ClientSampleId :

Tgt Ion:106 Resp: 12180

Ion Ratio Lower Upper

106 100

91 213.0 106.9 320.8



#66

Styrene

Concen: 0.471 ug/l

RT: 10.116 min Scan# 2745

Delta R.T. 0.009 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

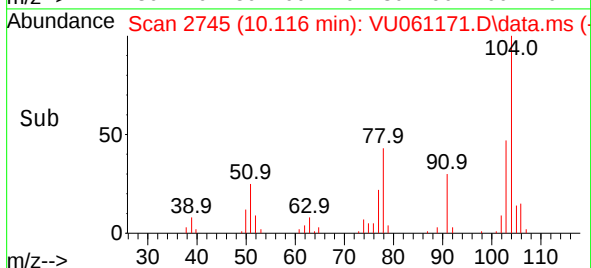
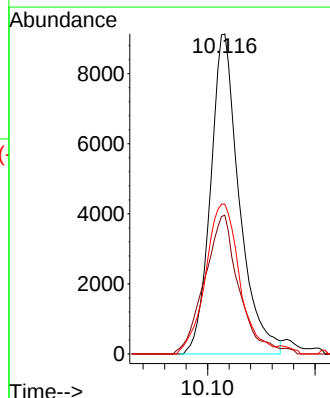
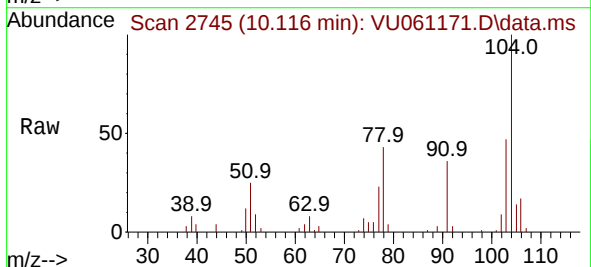
Tgt Ion:104 Resp: 16984

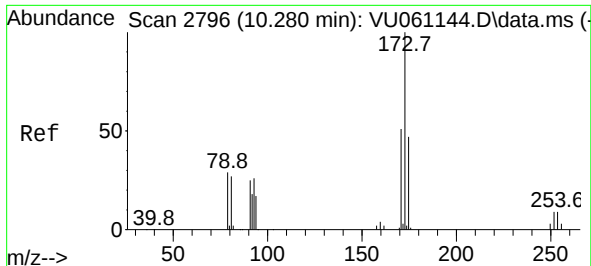
Ion Ratio Lower Upper

104 100

78 52.1 41.6 62.4

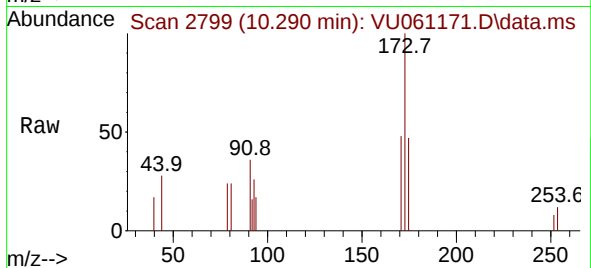
103 55.7 45.0 67.6



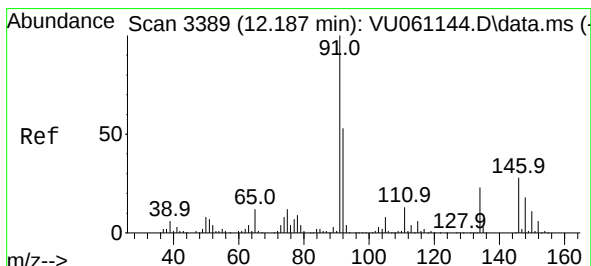
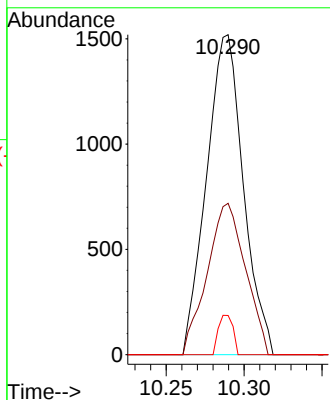
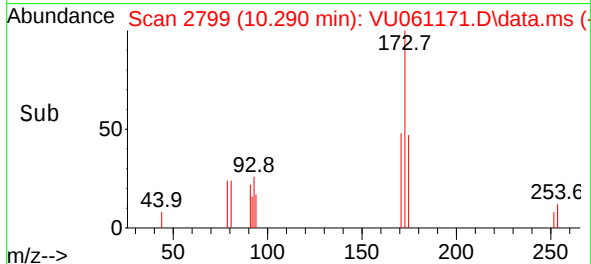


#67
Bromoform
Concen: 0.449 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

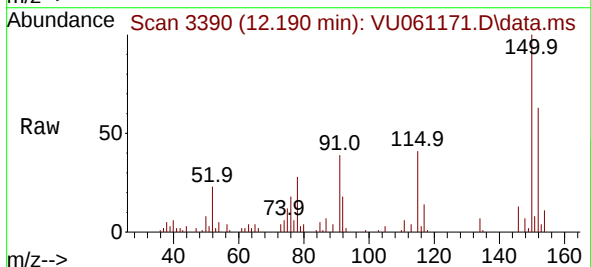
Instrument :
MSVOA_U
ClientSampleId :



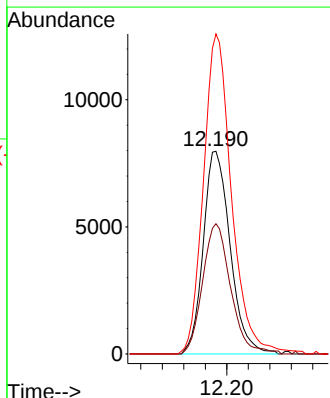
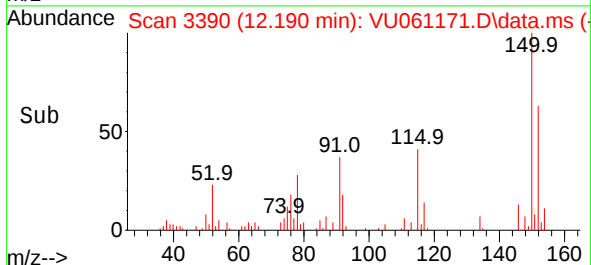
Tgt Ion:173 Resp: 2498
Ion Ratio Lower Upper
173 100
175 49.1 37.8 56.8
254 4.9 7.0 10.4#

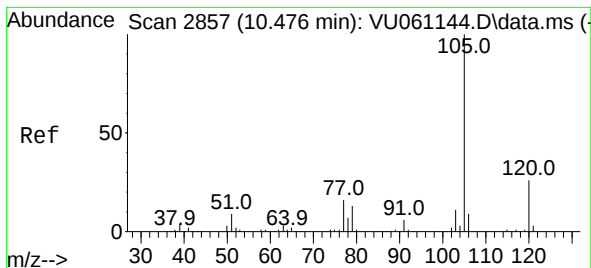


#68
1,2-Dichlorobenzene-d4
Concen: 0.992 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53



Tgt Ion:152 Resp: 13892
Ion Ratio Lower Upper
152 100
115 66.7 0.0 275.0
150 164.7 0.0 668.8





#69

Isopropylbenzene

Concen: 0.480 ug/l

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

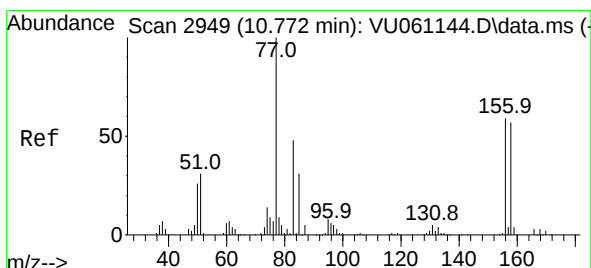
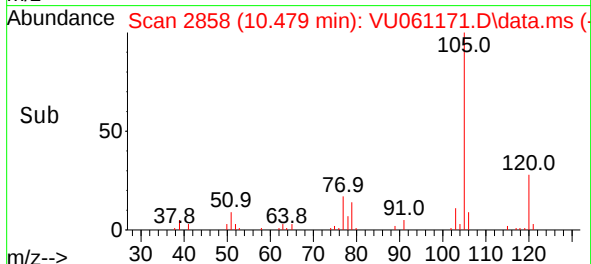
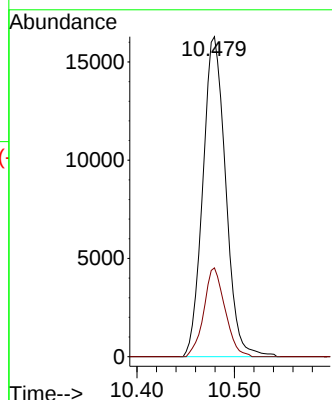
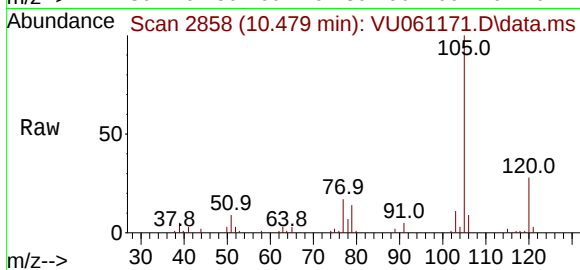
ClientSampleId :

Tgt Ion:105 Resp: 26493

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.515 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

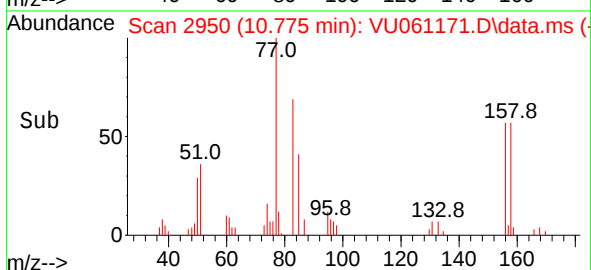
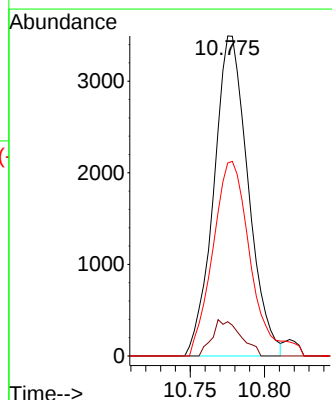
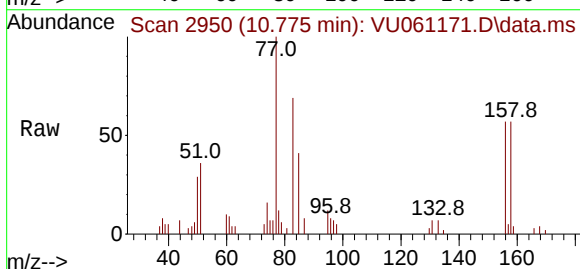
Tgt Ion: 83 Resp: 5630

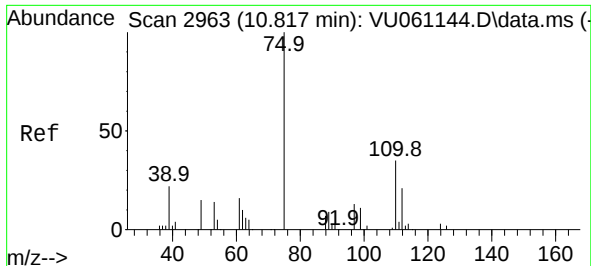
Ion Ratio Lower Upper

83 100

131 9.4 7.8 11.8

85 66.5 50.8 76.2

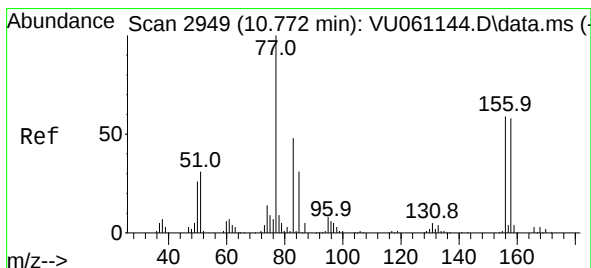
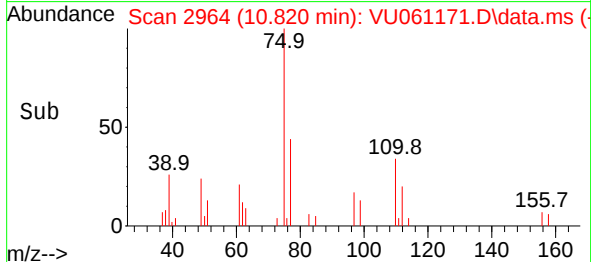
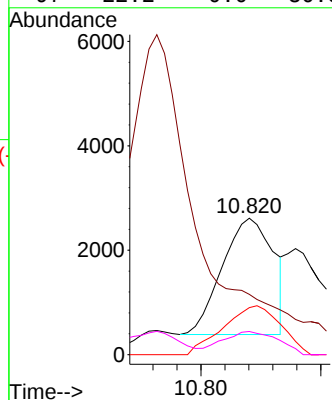
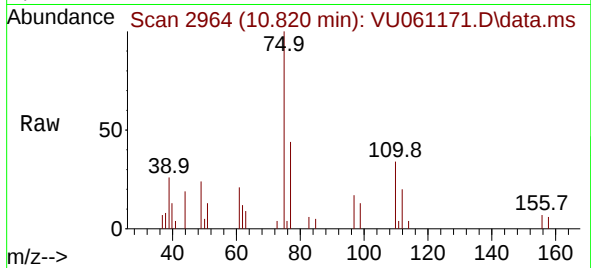




#71
1,2,3-Trichloropropane
Concen: 0.371 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

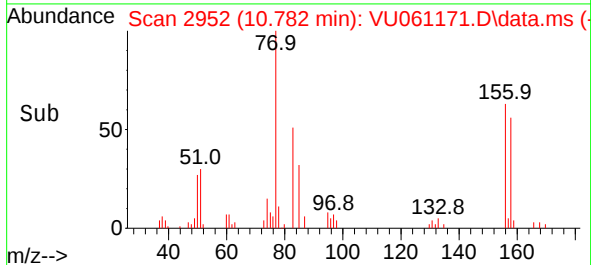
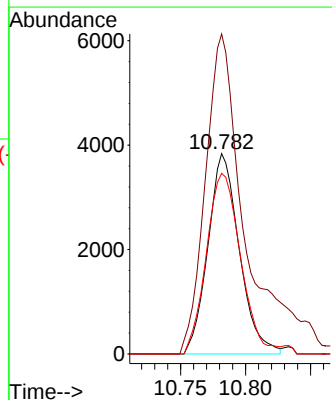
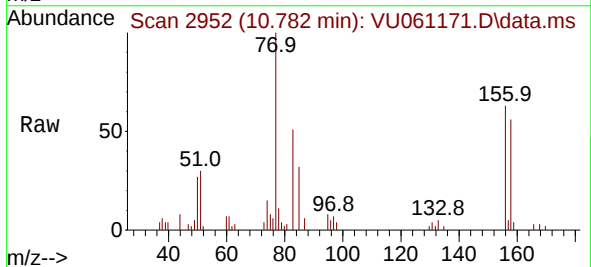
Instrument :
MSVOA_U
ClientSampleId :

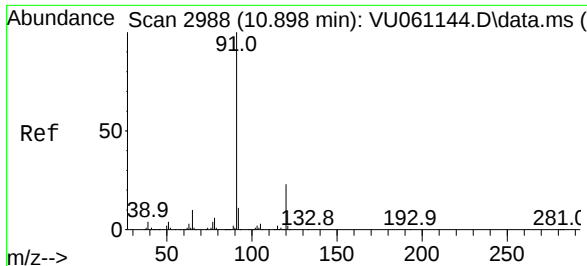
Tgt Ion: 75	Resp:	3304
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0
110	47.2	68.6
97	22.2	36.8



#72
Bromobenzene
Concen: 0.485 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.009 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 156	Resp:	6434
Ion Ratio	Lower	Upper
156	100	
77	206.3	337.2
158	98.5	192.8

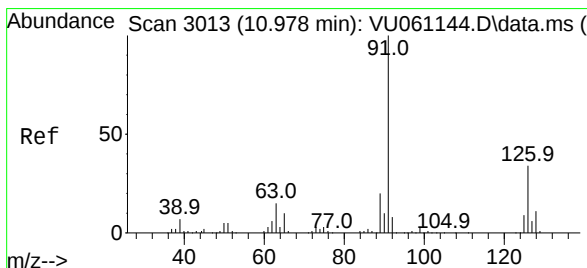
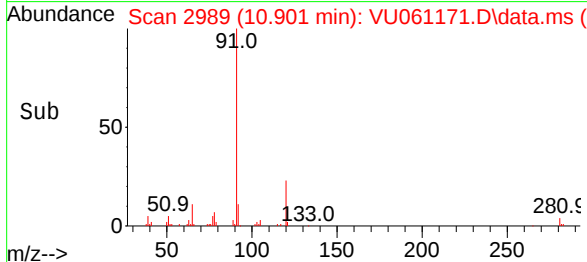
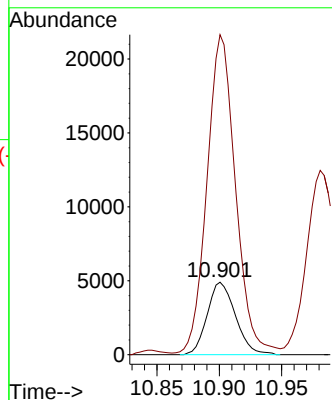
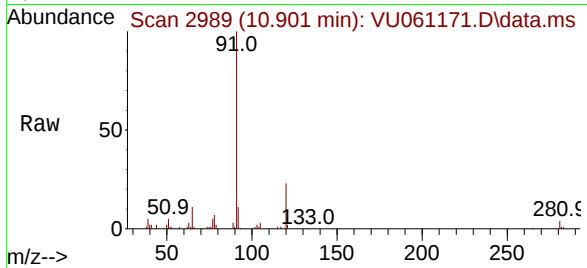




#73
n-propylbenzene
Concen: 0.480 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

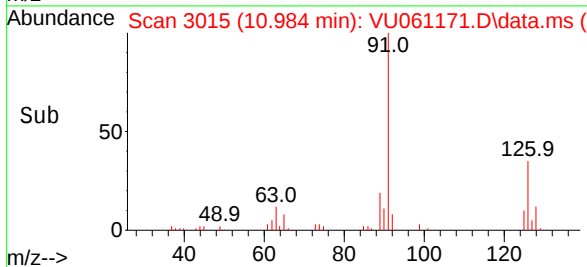
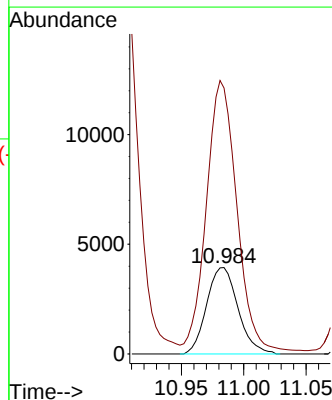
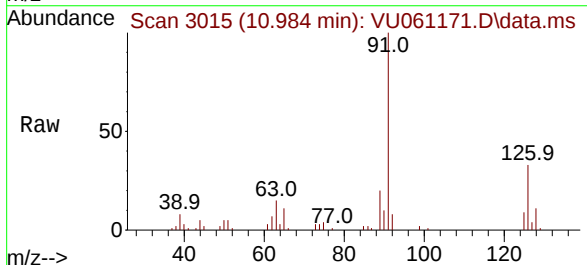
Instrument :
MSVOA_U
ClientSampleId :

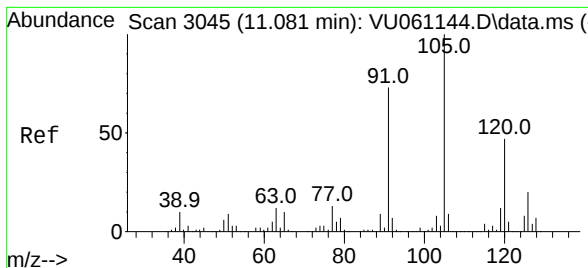
Tgt Ion:120 Resp: 7724
Ion Ratio Lower Upper
120 100
91 441.5 353.6 530.4



#74
2-Chlorotoluene
Concen: 0.494 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

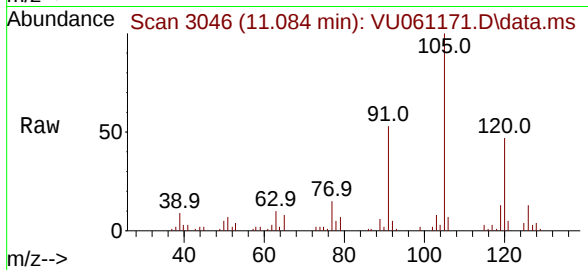
Tgt Ion:126 Resp: 6883
Ion Ratio Lower Upper
126 100
91 304.4 0.0 595.2



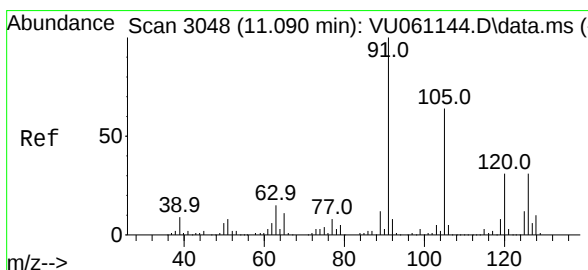
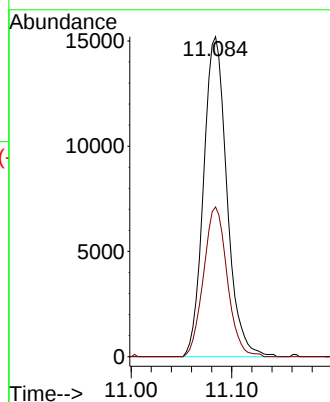
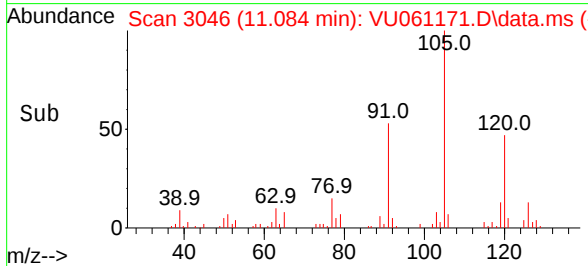


#75
1,3,5-Trimethylbenzene
Concen: 0.494 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :

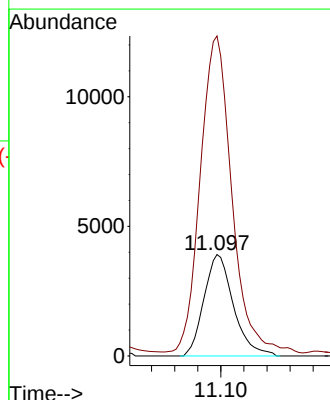
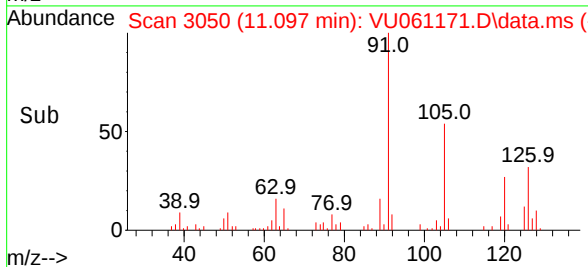
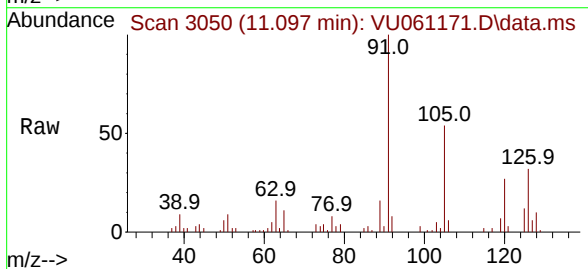


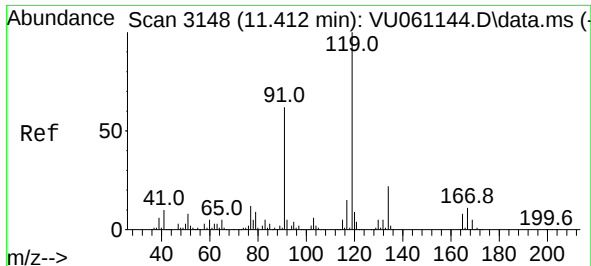
Tgt Ion:105 Resp: 24559
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.489 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion:126 Resp: 6930
Ion Ratio Lower Upper
126 100
91 333.7 0.0 678.2





#77

tert-Butylbenzene

Concen: 0.496 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min MSVOA_U

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

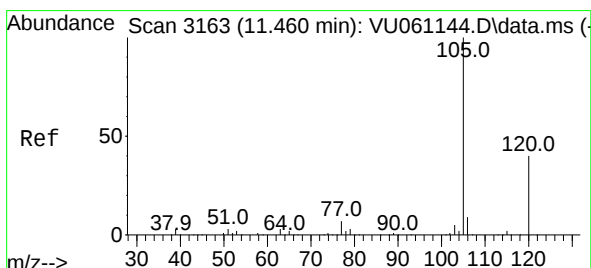
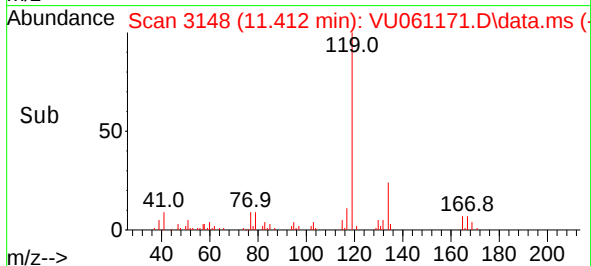
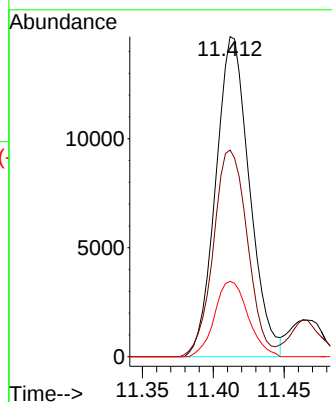
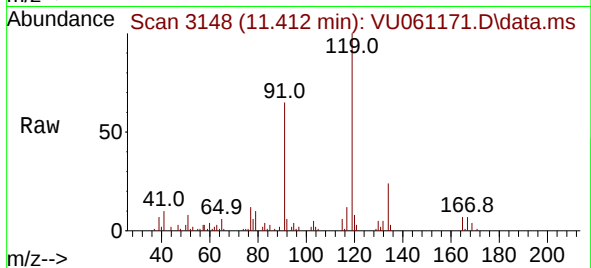
Tgt Ion:119 Resp: 24386

Ion Ratio Lower Upper

119 100

91 65.2 30.1 90.5

134 23.3 17.5 26.3



#78

1,2,4-Trimethylbenzene

Concen: 0.486 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061171.D

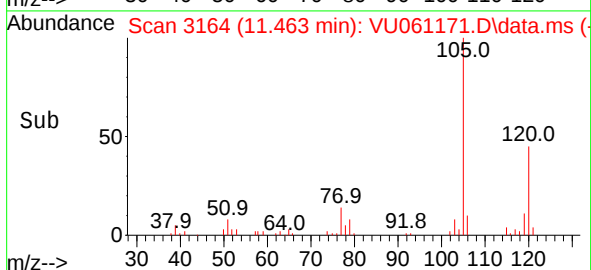
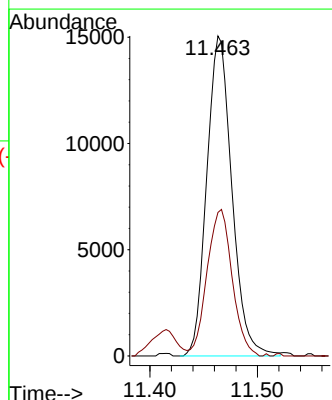
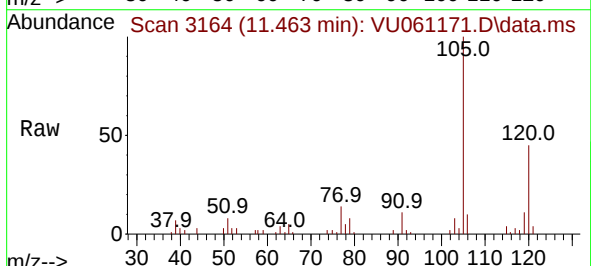
Acq: 21 Oct 2024 14:53

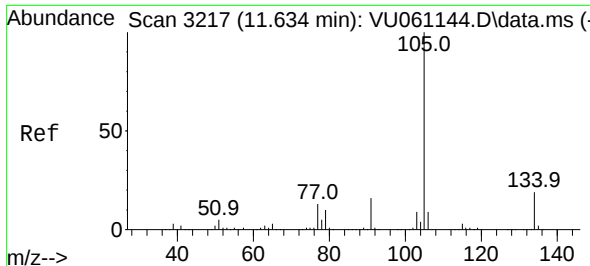
Tgt Ion:105 Resp: 24431

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9





#79

sec-Butylbenzene

Concen: 0.490 ug/l

RT: 11.637 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

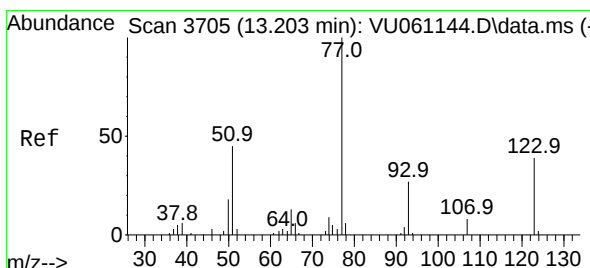
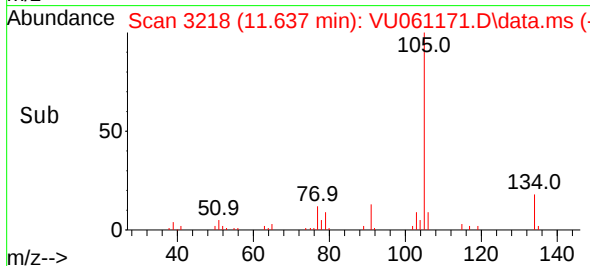
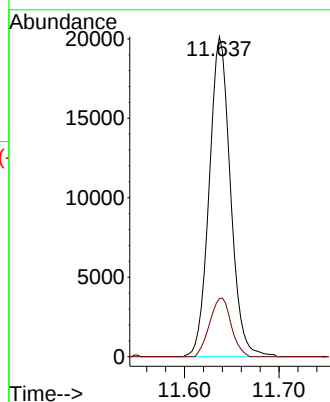
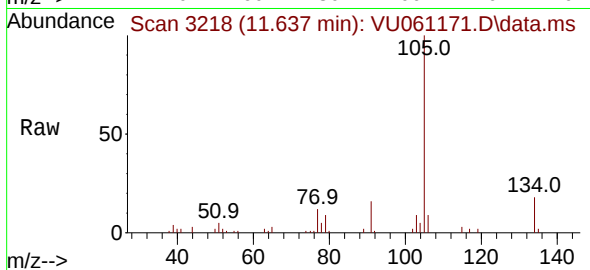
ClientSampleId :

Tgt Ion:105 Resp: 31393

Ion Ratio Lower Upper

105 100

134 18.6 15.5 23.3



#80

Nitrobenzene

Concen: 1.560 ug/l

RT: 13.235 min Scan# 3715

Delta R.T. 0.032 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

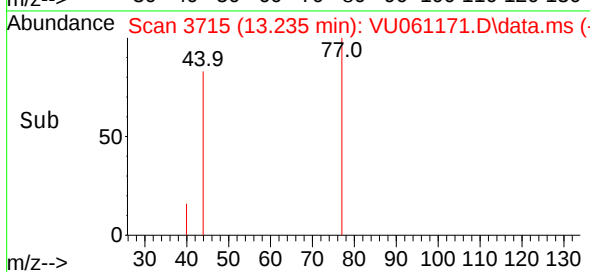
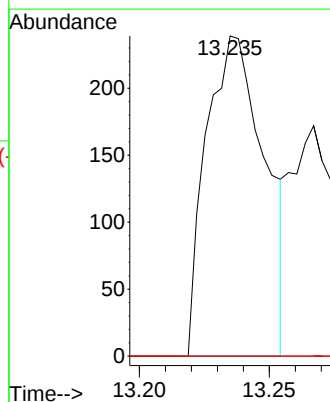
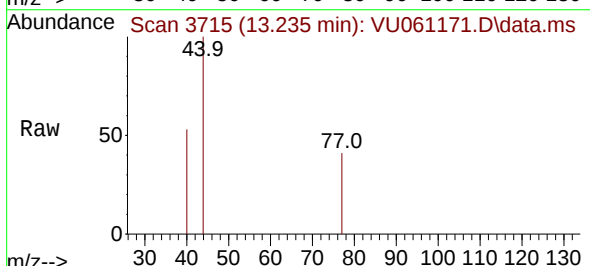
Tgt Ion: 77 Resp: 373

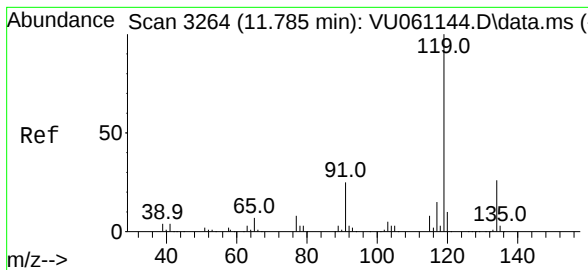
Ion Ratio Lower Upper

77 100

123 0.0 15.6 55.2#

65 0.0 10.7 13.7#

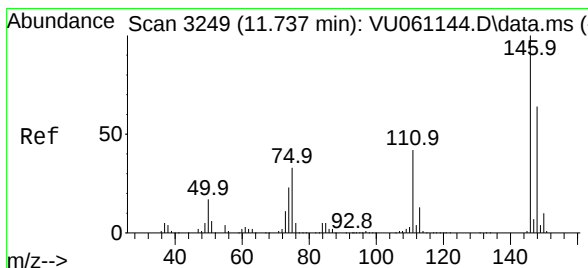
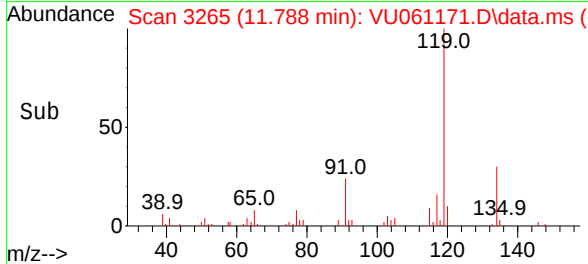
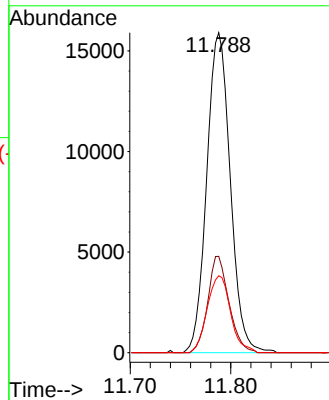
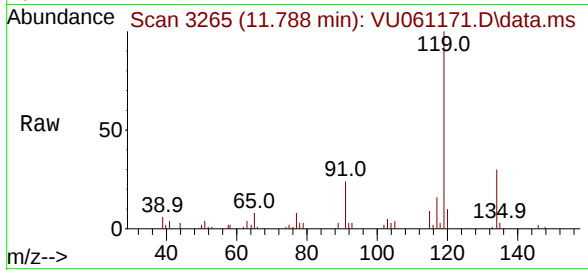




#81
 p-Isopropyltoluene
 Concen: 0.487 ug/l
 RT: 11.788 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

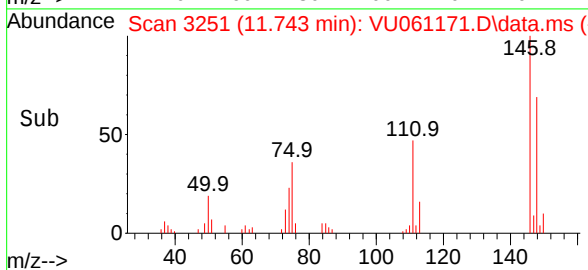
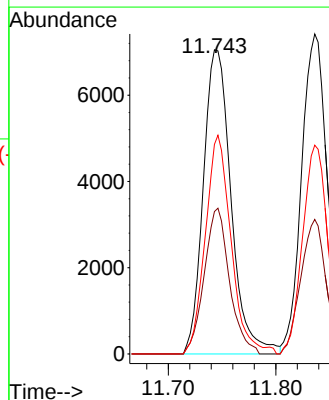
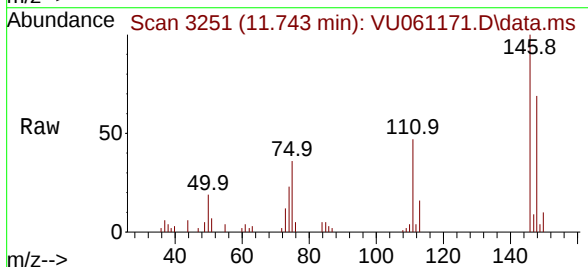
Instrument :
 MSVOA_U
 ClientSampleId :

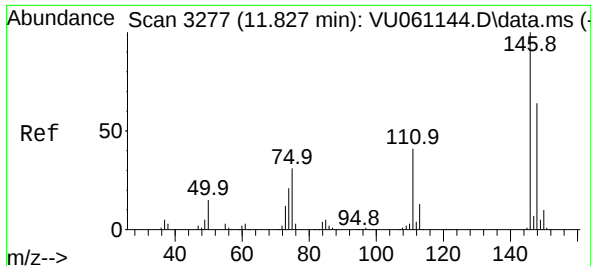
Tgt Ion:	119	Resp:	25852
Ion Ratio	Lower	Upper	
119	100		
134	27.1	21.0	31.6
91	23.8	19.8	29.8



#82
 1,3-Dichlorobenzene
 Concen: 0.497 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.006 min
 Lab File: VU061171.D
 Acq: 21 Oct 2024 14:53

Tgt Ion:	146	Resp:	12662
Ion Ratio	Lower	Upper	
146	100		
111	43.5	34.1	51.1
148	66.7	51.2	76.8





#83

1,4-Dichlorobenzene

Concen: 0.516 ug/l

RT: 11.836 min Scan# 31

Delta R.T. 0.009 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

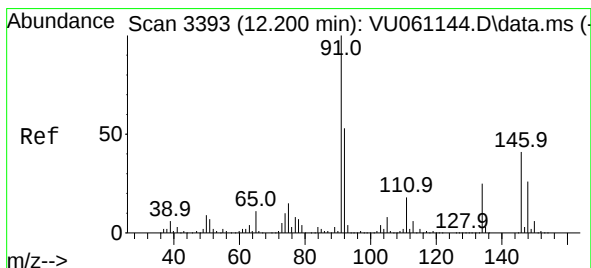
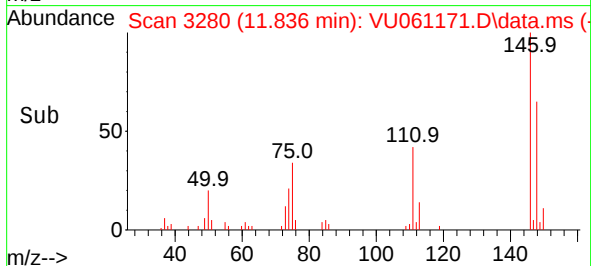
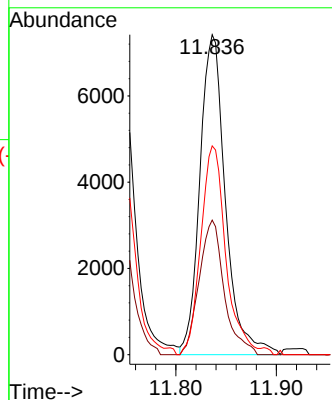
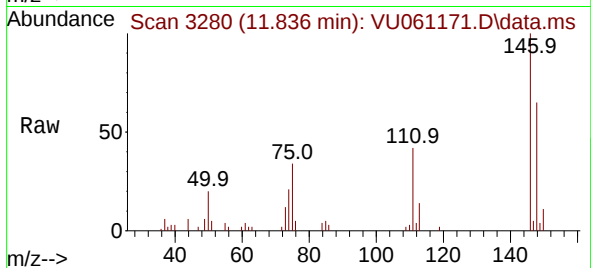
Tgt Ion:146 Resp: 13104

Ion Ratio Lower Upper

146 100

111 41.2 32.1 48.1

148 64.6 50.3 75.5



#84

n-Butylbenzene

Concen: 0.506 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

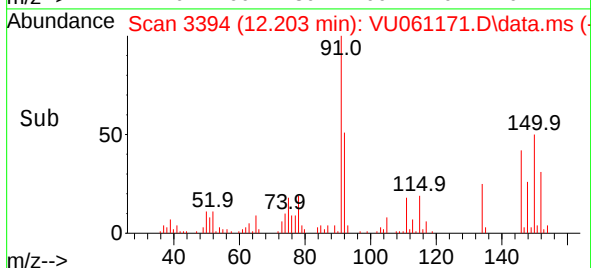
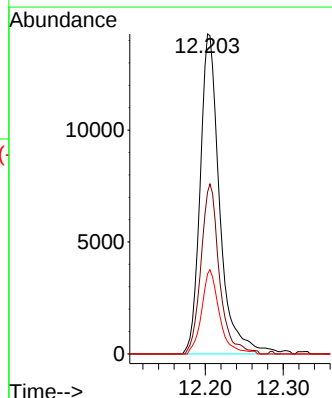
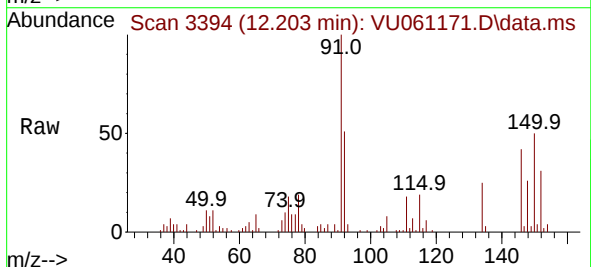
Tgt Ion: 91 Resp: 24897

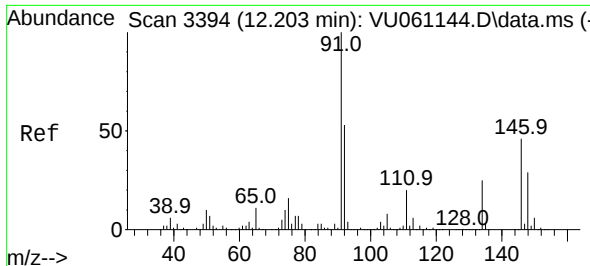
Ion Ratio Lower Upper

91 100

92 50.0 41.8 62.8

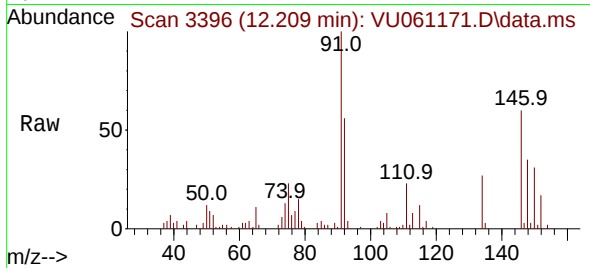
134 23.9 19.7 29.5



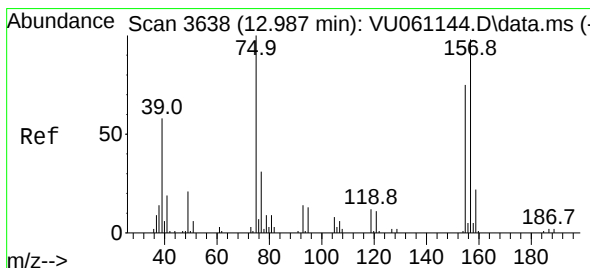
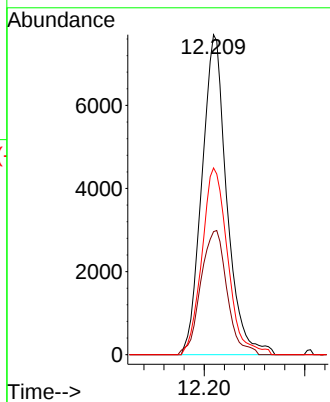
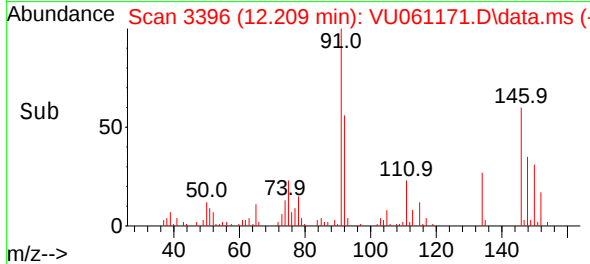


#85
1,2-Dichlorobenzene
Concen: 0.555 ug/l
RT: 12.209 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Instrument :
MSVOA_U
ClientSampleId :

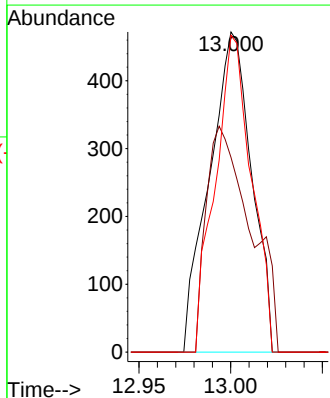
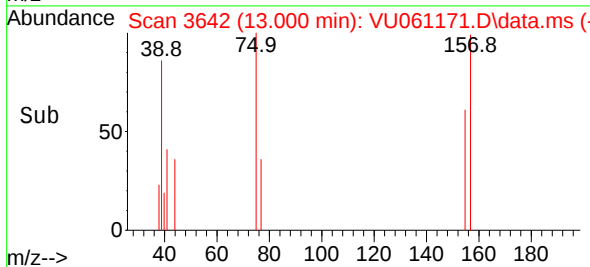
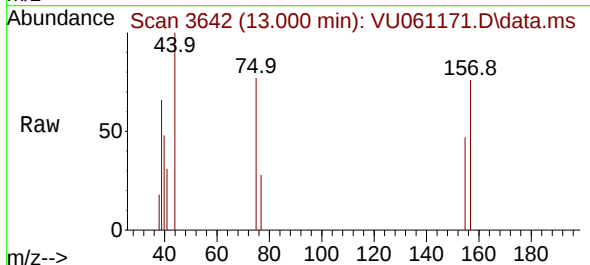


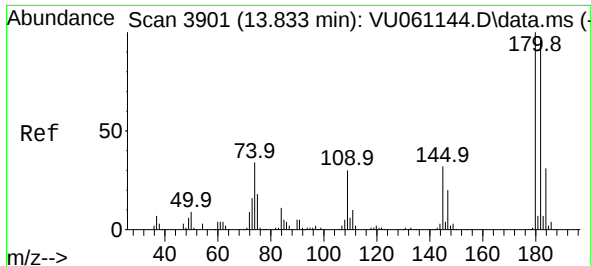
Tgt Ion:146 Resp: 13218
Ion Ratio Lower Upper
146 100
111 40.9 21.9 65.7
148 60.6 31.9 95.5



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.466 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.013 min
Lab File: VU061171.D
Acq: 21 Oct 2024 14:53

Tgt Ion: 75 Resp: 756
Ion Ratio Lower Upper
75 100
155 73.9 61.4 92.0
157 85.1 78.5 117.7





#87

1,2,4-Trichlorobenzene

Concen: 0.575 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.009 min

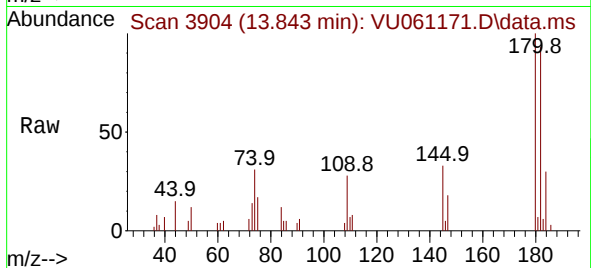
Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :



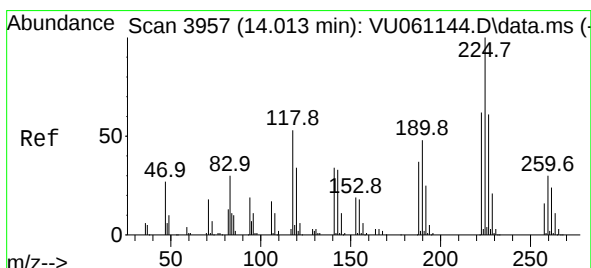
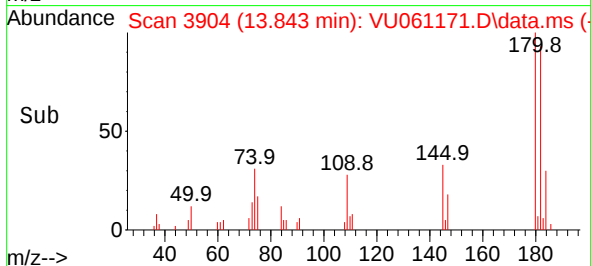
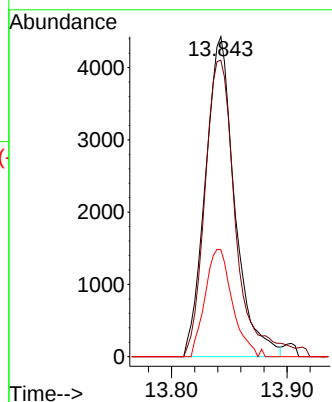
Tgt Ion:180 Resp: 7830

Ion Ratio Lower Upper

180 100

182 97.0 77.0 115.6

145 31.1 25.7 38.5



#88

Hexachlorobutadiene

Concen: 0.536 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.003 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

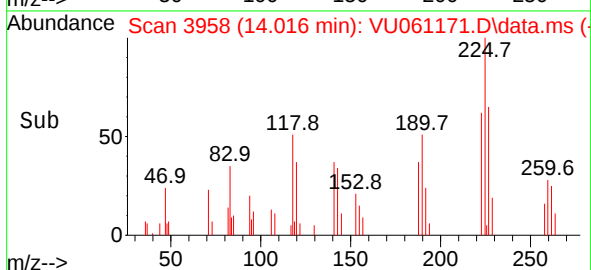
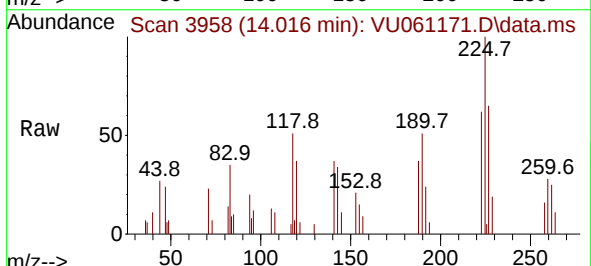
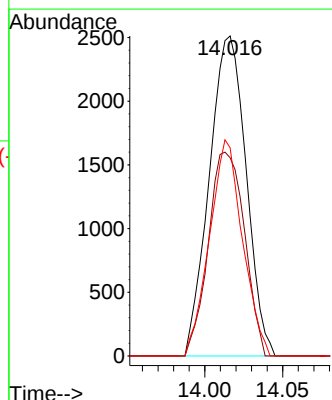
Tgt Ion:225 Resp: 4125

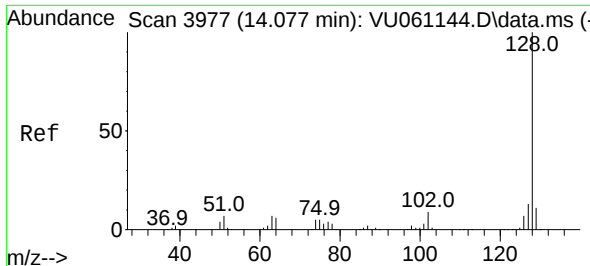
Ion Ratio Lower Upper

225 100

223 62.4 51.4 77.2

227 60.6 50.3 75.5





#89

Naphthalene

Concen: 0.625 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.016 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Instrument :

MSVOA_U

ClientSampleId :

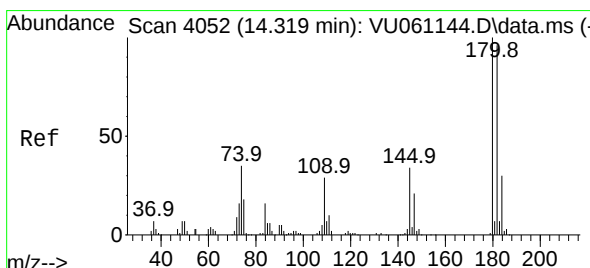
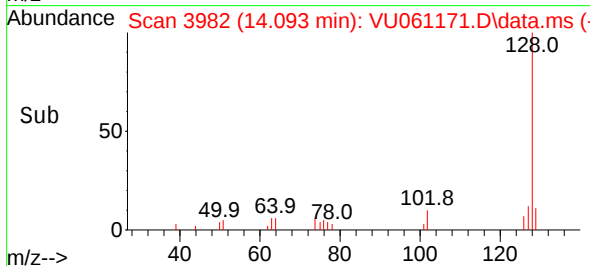
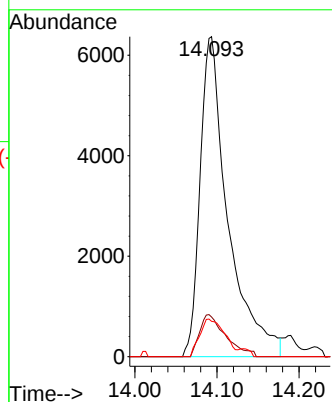
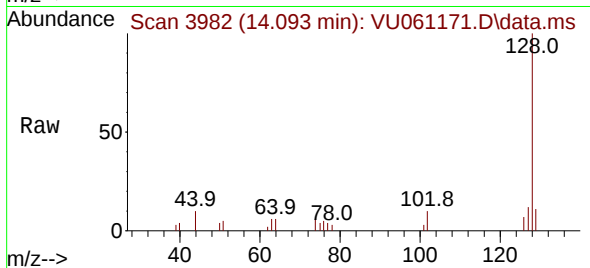
Tgt Ion:128 Resp: 15019

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.6 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.634 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.009 min

Lab File: VU061171.D

Acq: 21 Oct 2024 14:53

Tgt Ion:180 Resp: 7756

Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.4

145 31.7 26.8 40.2

