

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061599.D
 Acq On : 12 Nov 2024 10:46
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 04:43:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 04:39:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	48524	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	17564	1.043	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18442	1.100	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	135251	10.844	ug/l	100
3) Chloromethane	1.519	50	128285	10.755	ug/l	100
4) Vinyl Chloride	1.602	62	145935	10.873	ug/l	100
5) Bromomethane	1.853	94	91613	10.810	ug/l	100
6) Chloroethane	1.930	64	109782	10.113	ug/l	100
7) Trichlorofluoromethane	2.133	101	211257	10.997	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	112343	10.926	ug/l	100
9) 1,1-Dichloroethene	2.573	96	118619	11.011	ug/l	100
10) Iodomethane	2.715	142	130928	10.249	ug/l	100
11) Allyl Chloride	2.917	41	141614	11.360	ug/l	100
12) Acrylonitrile	3.316	53	50041	23.488	ug/l	100
13) Acetone	2.641	43	143065	48.110	ug/l	100
14) Carbon Disulfide	2.789	76	384670	11.051	ug/l	100
15) Methylene Chloride	3.036	84	141276	10.858	ug/l	100
16) trans-1,2-Dichloroethene	3.345	96	141401	11.299	ug/l	100
17) 1,1-Dichloroethane	3.859	63	247232	11.078	ug/l	100
18) 2-Butanone	4.702	43	184050	53.370	ug/l	100
19) Cyclohexane	5.377	56	181198	10.008	ug/l	88
20) Methylcyclohexane	6.753	83	238878	11.765	ug/l	100
21) 2,2-Dichloropropane	4.653	77	199878	11.136	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	155146	11.365	ug/l	100
23) Diethyl Ether	2.371	59	88285	10.995	ug/l	100
24) tert-Butyl Alcohol	3.232	59	93887	114.673	ug/l	100
25) Methyl tert-Butyl Ether	3.354	73	300699	11.386	ug/l	100
26) Bromochloromethane	4.962	128	68147	11.331	ug/l	100
27) Chloroform	5.075	83	262493	11.090	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	223249	11.416	ug/l	100
29) 1,1-Dichloropropene	5.515	75	201045	11.442	ug/l	100
30) Carbon Tetrachloride	5.515	117	193345	11.535	ug/l	100
31) Isopropyl Ether	3.978	45	339200	11.422	ug/l	100
32) Ethyl-t-butyl ether	4.489	59	328314	11.566	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	301352	11.745	ug/l	100
34) Propionitrile	4.782	54	47625	59.094	ug/l	100
35) Benzene	5.763	78	593727	11.338	ug/l	100
36) 1,2-Dichloroethane	5.782	62	161618	11.106	ug/l	100
37) Trichloroethene	6.534	130	156221	11.266	ug/l	100
38) 1,2-Dichloropropane	6.779	63	148934	11.327	ug/l	100
39) Methacrylonitrile	4.965	41	35345	12.253	ug/l	100
40) Methyl acrylate	4.840	55	55926	10.711	ug/l	100
41) Tetrahydrofuran	5.052	42	36543	22.431	ug/l	100
42) 1-Chlorobutane	5.448	56	258015	11.768	ug/l	100
43) Dibromomethane	6.911	93	78675	11.298	ug/l	100
44) Bromodichloromethane	7.094	83	179881	11.439	ug/l	100

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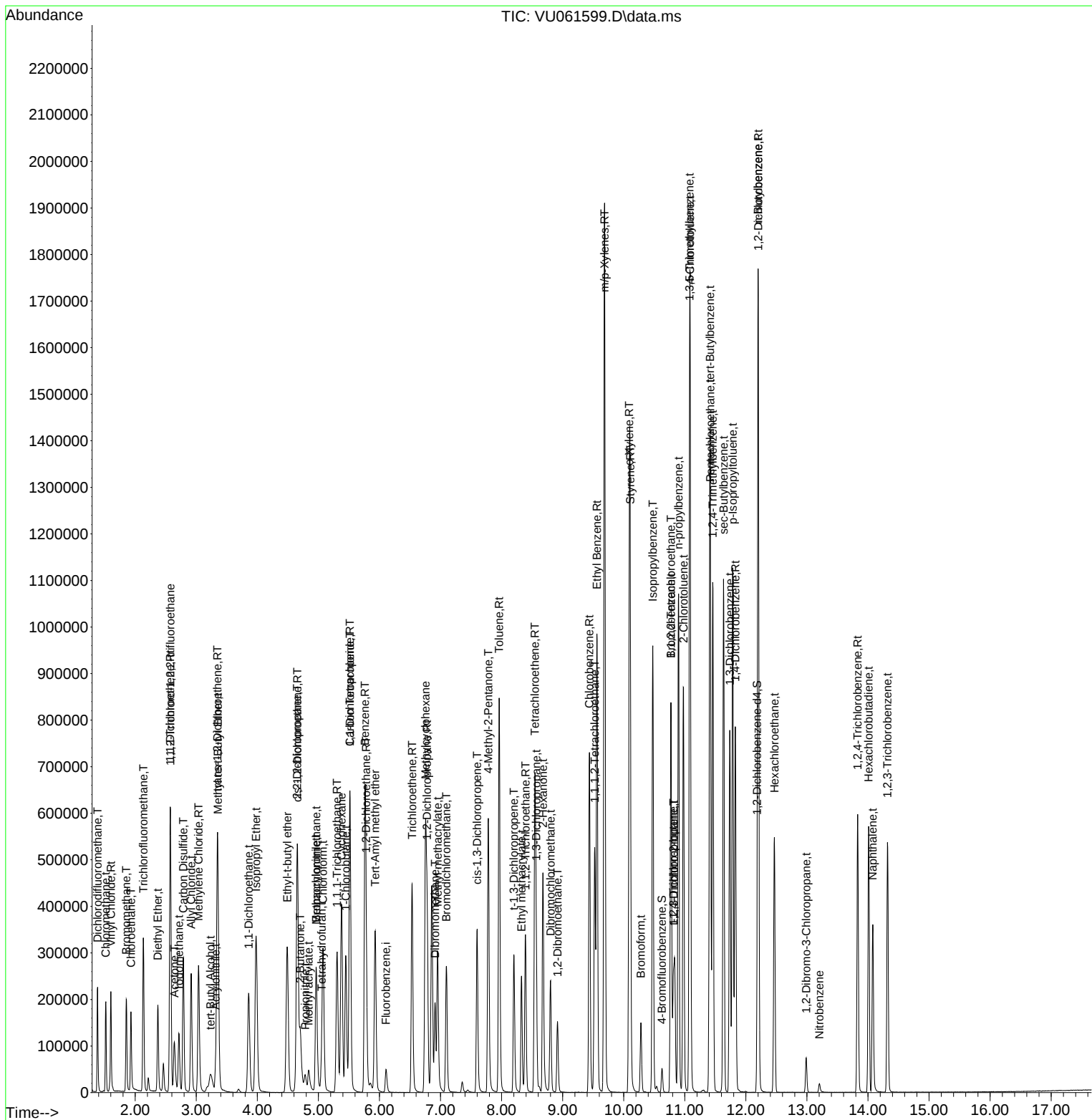
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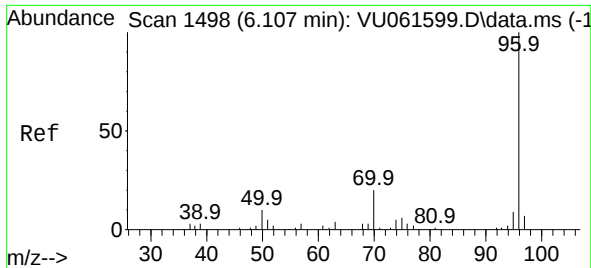
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 04:39:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	366790	56.625	ug/l	100
46) t-1,4-Dichloro-2-butene	10.814	75	162903	45.485	ug/l #	63
47) Methyl methacrylate	6.952	69	133614	24.176	ug/l	100
48) Ethyl methacrylate	8.325	69	136808	12.177	ug/l	100
49) Toluene	7.959	92	371782	11.626	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	169430	12.041	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	213061	11.804	ug/l	100
52) 1,1,2-Trichloroethane	8.390	97	107692	11.282	ug/l	100
53) 1,3-Dichloropropane	8.566	76	183304	11.252	ug/l	100
54) 2-Hexanone	8.676	43	292286	52.960	ug/l	100
55) Dibromochloromethane	8.801	129	124480	12.047	ug/l	100
56) 1,2-Dibromoethane	8.914	107	101678	11.334	ug/l	100
58) Tetrachloroethene	8.544	164	138328	11.089	ug/l	100
59) Chlorobenzene	9.438	112	409498	11.591	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.525	131	137519	11.794	ug/l	100
61) Pentachloroethane	11.418	117	108161	12.329	ug/l	100
62) Hexachloroethane	12.467	117	102452	10.672	ug/l	100
63) Ethyl Benzene	9.560	91	705700	11.865	ug/l	100
64) m/p-Xylenes	9.685	106	560984	24.491	ug/l	100
65) o-Xylene	10.091	106	267690	11.985	ug/l	100
66) Styrene	10.107	104	437096	10.704	ug/l	100
67) Bromoform	10.280	173	66422	12.391	ug/l	100
69) Isopropylbenzene	10.476	105	636511	12.184	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	133521	11.360	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	162903	17.007	ug/l #	85
72) Bromobenzene	10.772	156	163565	11.809	ug/l	100
73) n-propylbenzene	10.898	120	191792	12.418	ug/l	100
74) 2-Chlorotoluene	10.978	126	167636	12.166	ug/l	100
75) 1,3,5-Trimethylbenzene	11.078	105	592328	12.524	ug/l	100
76) 4-Chlorotoluene	11.087	126	177494	12.523	ug/l	100
77) tert-Butylbenzene	11.412	119	576541	12.487	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	601779	10.837	ug/l	100
79) sec-Butylbenzene	11.634	105	758843	12.398	ug/l	100
80) Nitrobenzene	13.203	77	10705	48.930	ug/l	97
81) p-Isopropyltoluene	11.785	119	637166	10.874	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	324178	12.101	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	327001	12.194	ug/l	100
84) n-Butylbenzene	12.200	91	585297	10.849	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	301571	11.927	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.988	75	19103	10.477	ug/l	100
87) 1,2,4-Trichlorobenzene	13.830	180	182547	10.446	ug/l	100
88) Hexachlorobutadiene	14.010	225	99148	11.742	ug/l	100
89) Naphthalene	14.078	128	302297	10.229	ug/l	100
90) 1,2,3-Trichlorobenzene	14.319	180	163563	10.245	ug/l	100

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

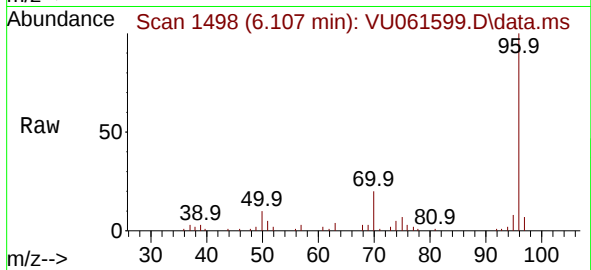
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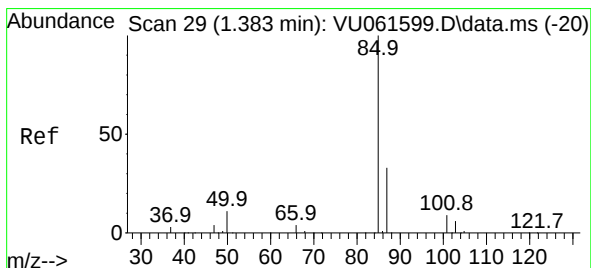
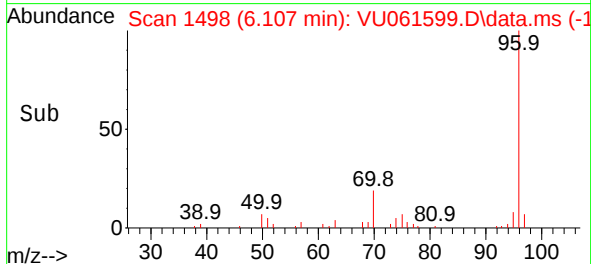
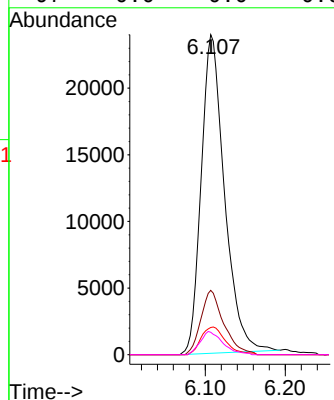


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Instrument :
MSVOA_U
ClientSampleId :

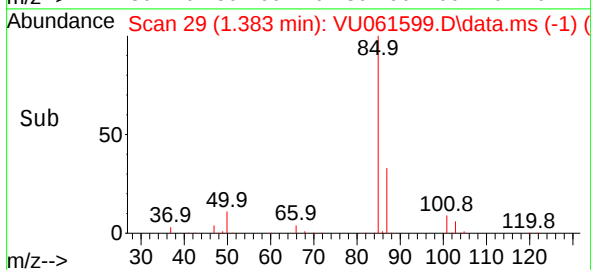
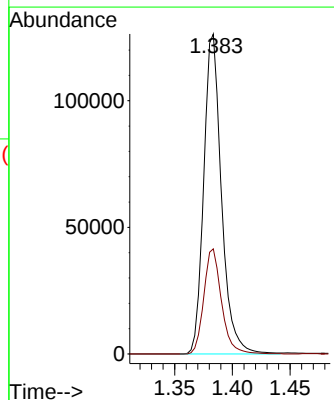
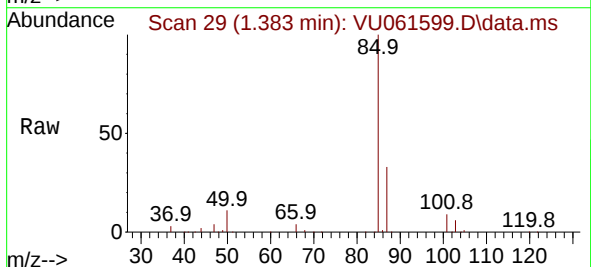


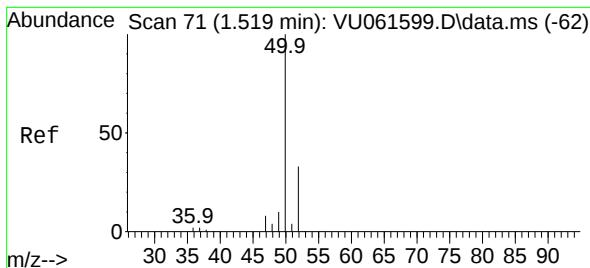
Tgt Ion: 96	Resp: 48524
Ion Ratio	Lower Upper
96 100	
70 19.7	15.8 23.6
95 9.1	7.3 10.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.844 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 85	Resp: 135251
Ion Ratio	Lower Upper
85 100	
87 32.8	16.4 49.2





#3

Chloromethane

Concen: 10.755 ug/l

RT: 1.519 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

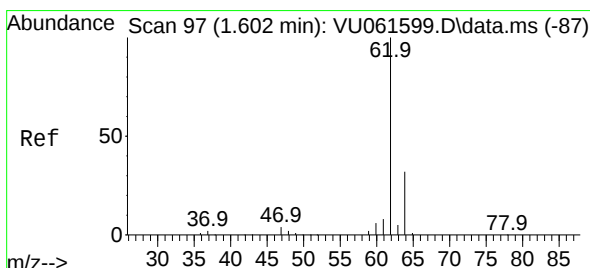
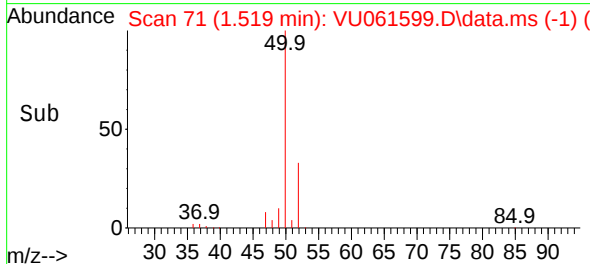
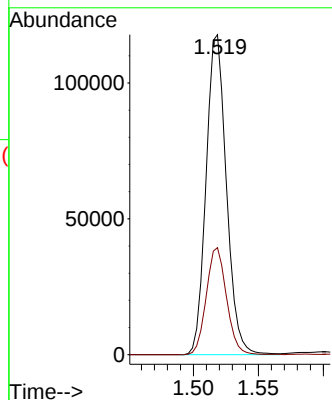
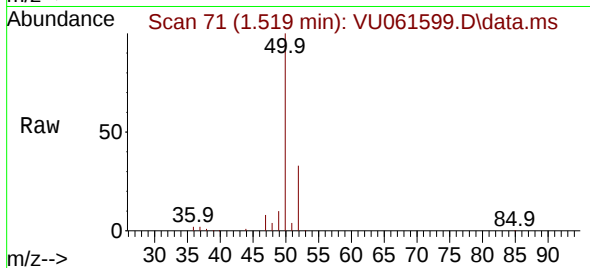
ClientSampleId :

Tgt Ion: 50 Resp: 128285

Ion Ratio Lower Upper

50 100

52 33.5 26.8 40.2



#4

Vinyl Chloride

Concen: 10.873 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU061599.D

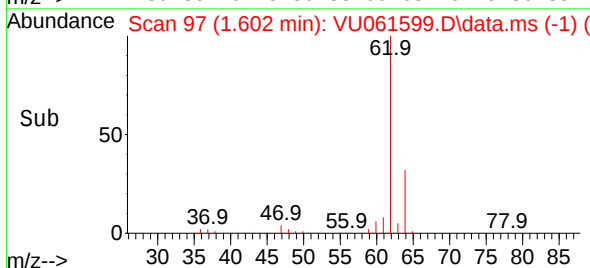
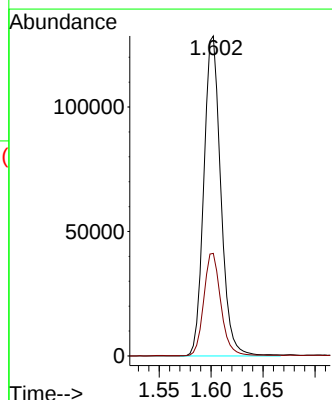
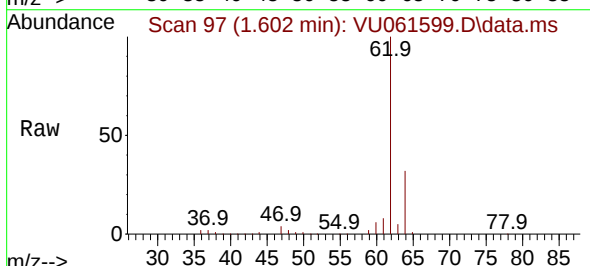
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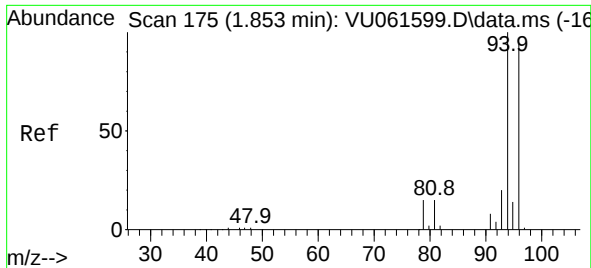
Tgt Ion: 62 Resp: 145935

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4

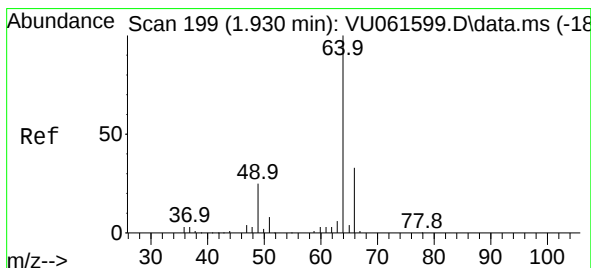
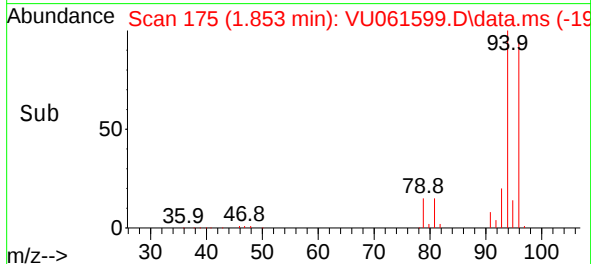
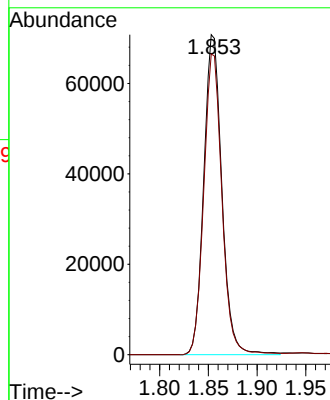
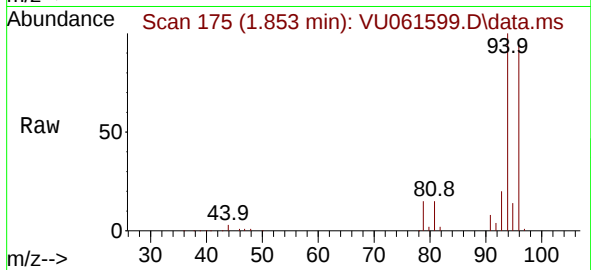




#5
Bromomethane
Concen: 10.810 ug/l
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

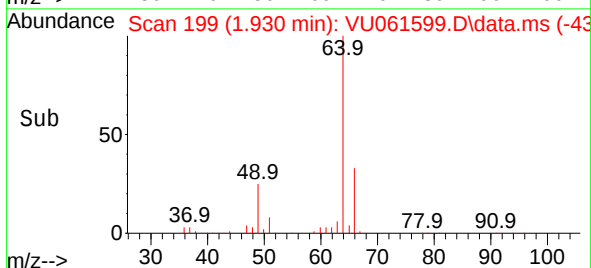
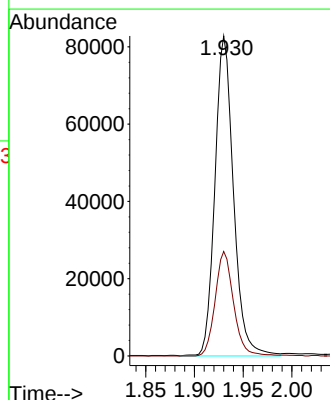
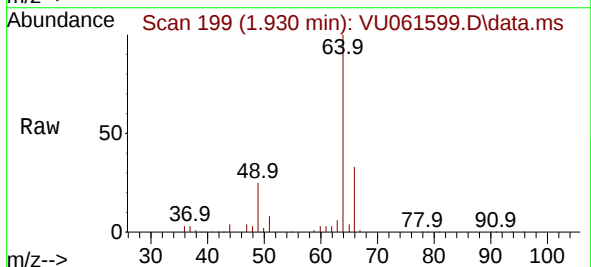
Instrument :
MSVOA_U
ClientSampleId :

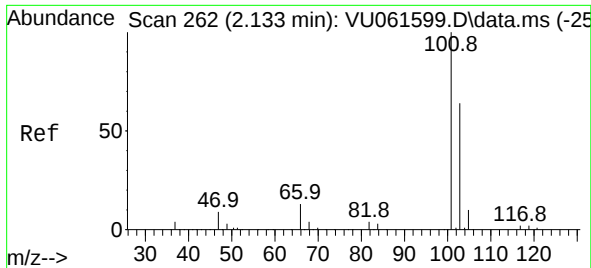
Tgt Ion: 94 Resp: 91613
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 10.113 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 64 Resp: 109782
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2

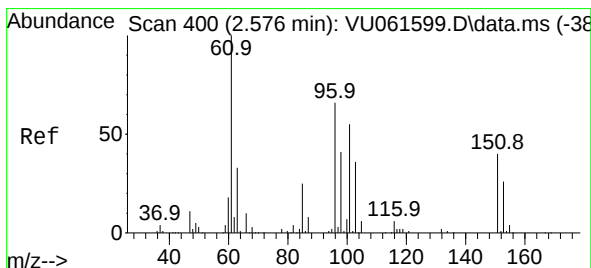
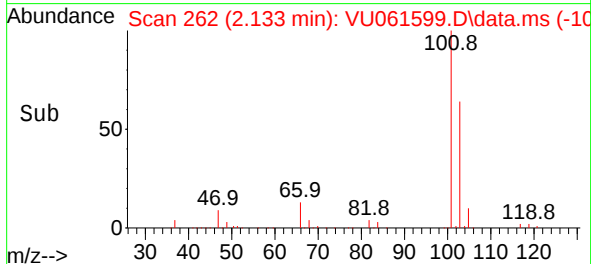
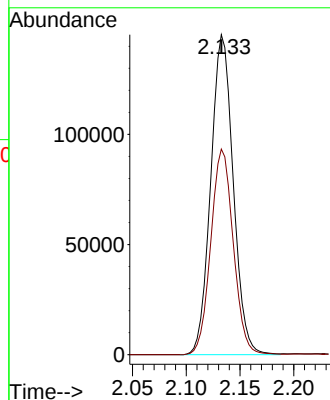
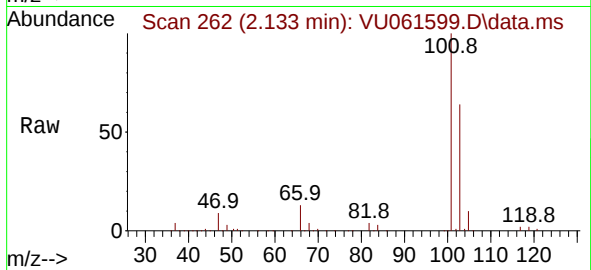




#7
 Trichlorofluoromethane
 Concen: 10.997 ug/l
 RT: 2.133 min Scan# 211257
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

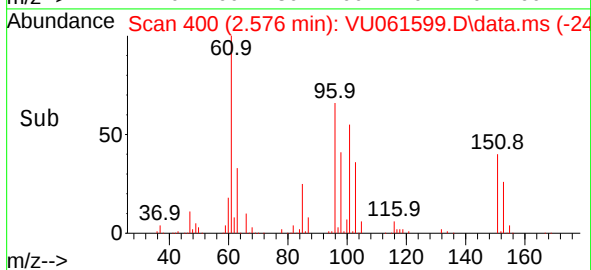
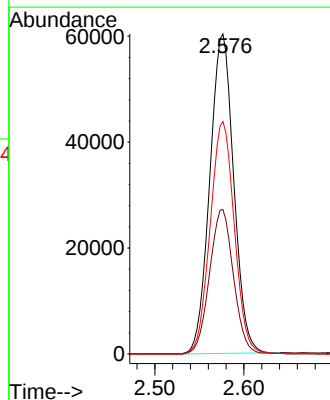
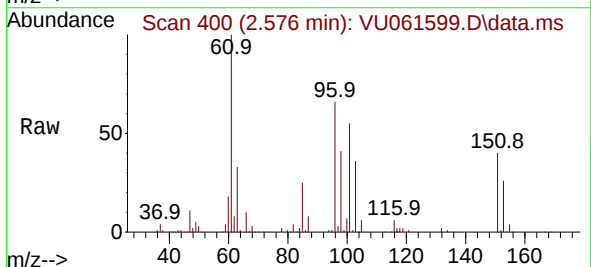
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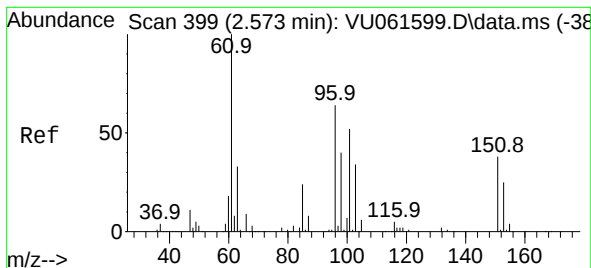
Tgt Ion:101 Resp: 211257
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.926 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

Tgt Ion:101 Resp: 112343
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 73.2 58.6 87.8





#9

1,1-Dichloroethene

Concen: 11.011 ug/l

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

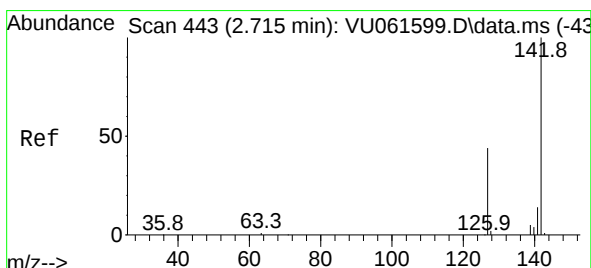
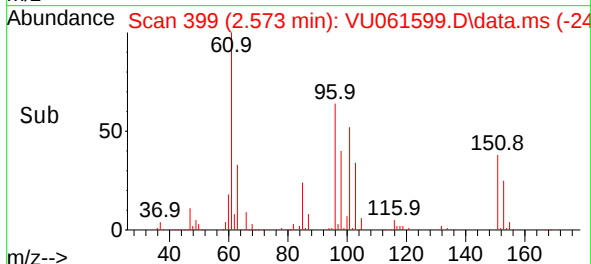
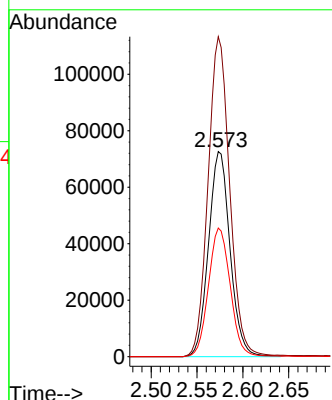
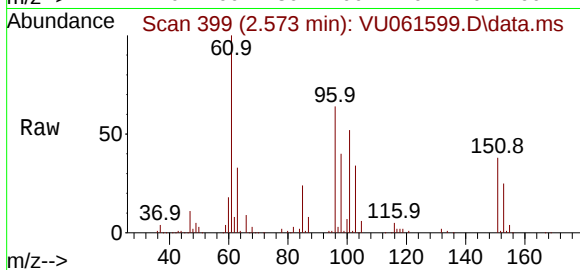
Tgt Ion: 96 Resp: 118619

Ion Ratio Lower Upper

96 100

61 155.9 0.0 467.7

98 62.7 0.0 125.4



#10

Iodomethane

Concen: 10.249 ug/l

RT: 2.715 min Scan# 443

Delta R.T. 0.000 min

Lab File: VU061599.D

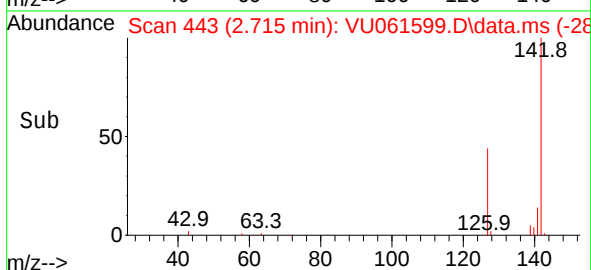
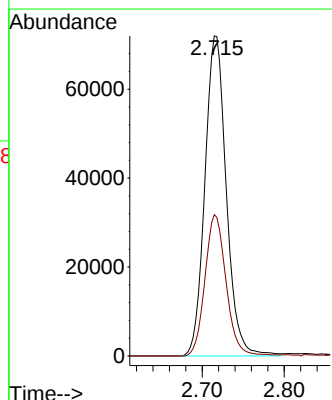
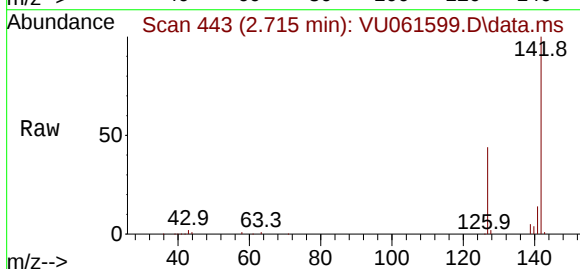
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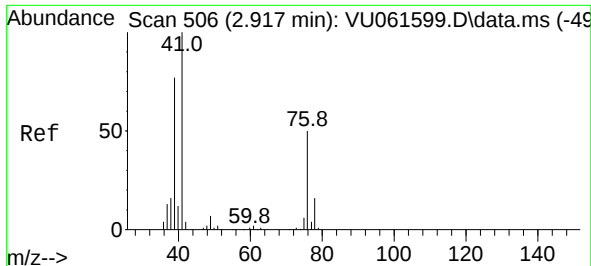
Tgt Ion:142 Resp: 130928

Ion Ratio Lower Upper

142 100

127 43.5 34.8 52.2





#11

Allyl Chloride

Concen: 11.360 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

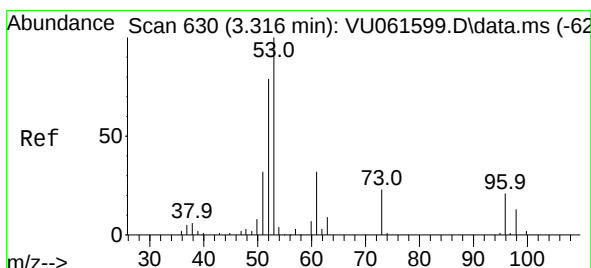
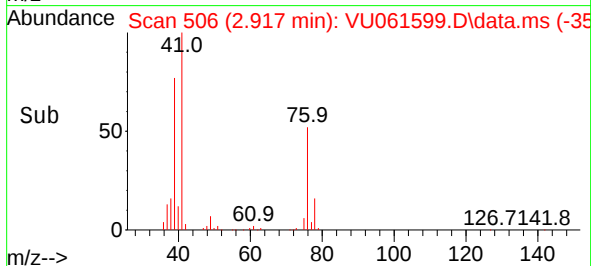
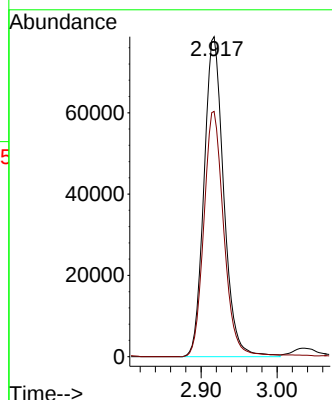
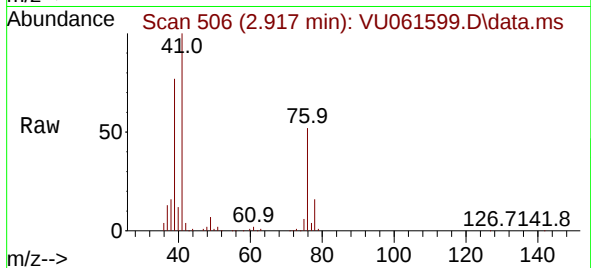
ClientSampleId :

Tgt Ion: 41 Resp: 141614

Ion Ratio Lower Upper

41 100

39 77.8 62.2 93.4



#12

Acrylonitrile

Concen: 23.488 ug/l

RT: 3.316 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

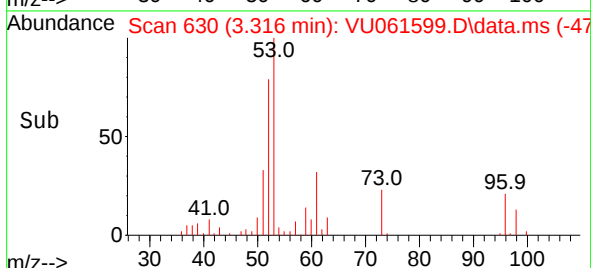
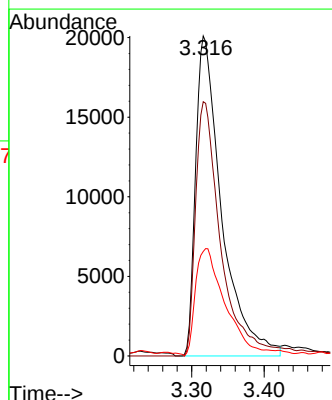
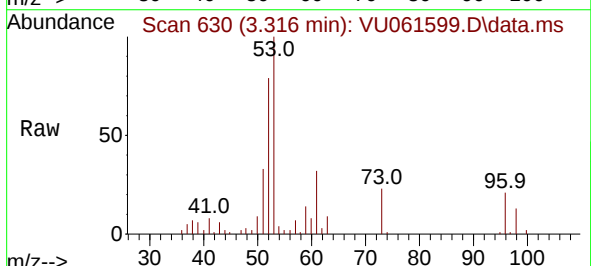
Tgt Ion: 53 Resp: 50041

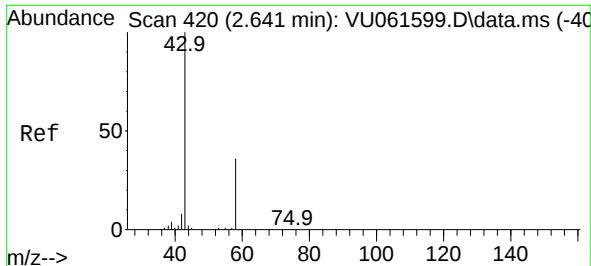
Ion Ratio Lower Upper

53 100

52 77.6 62.1 93.1

51 38.6 30.9 46.3





#13

Acetone

Concen: 48.110 ug/l

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

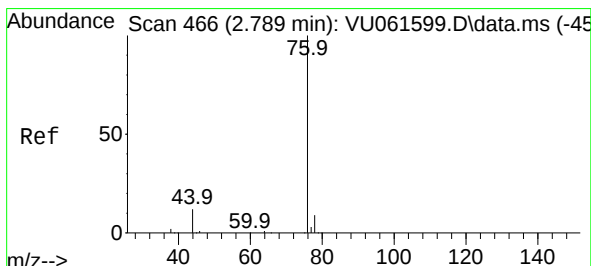
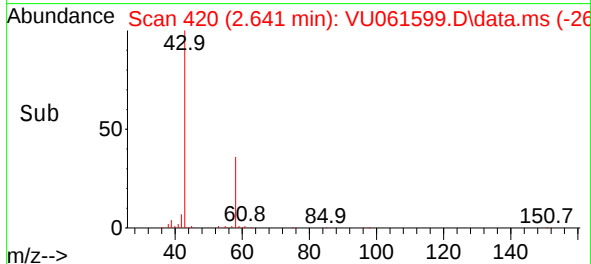
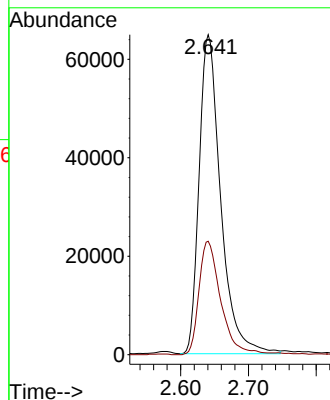
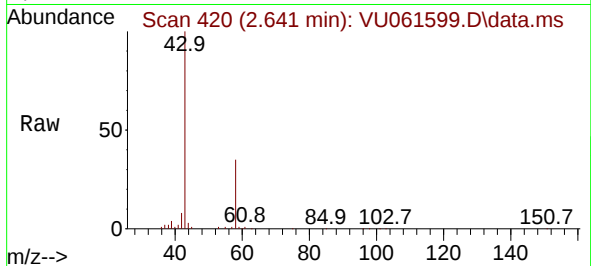
ClientSampleId :

Tgt Ion: 43 Resp: 143065

Ion Ratio Lower Upper

43 100

58 35.6 28.5 42.7



#14

Carbon Disulfide

Concen: 11.051 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061599.D

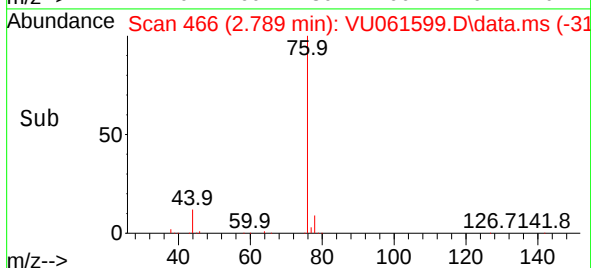
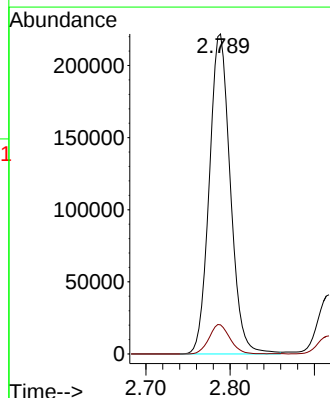
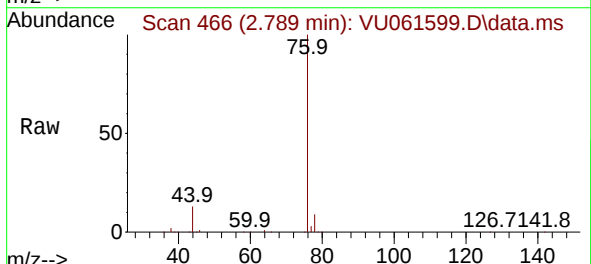
Acq: 12 Nov 2024 10:46

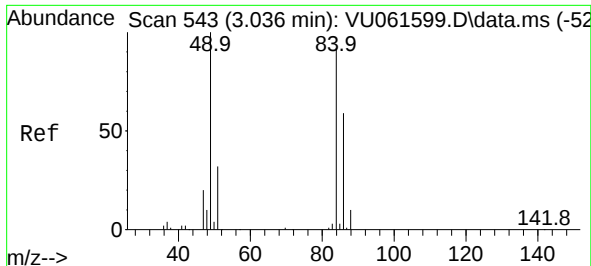
Tgt Ion: 76 Resp: 384670

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methylene Chloride

Concen: 10.858 ug/l

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

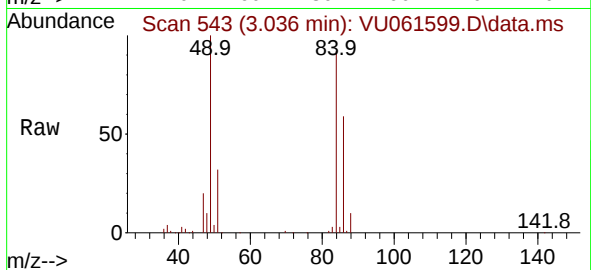
Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 141276

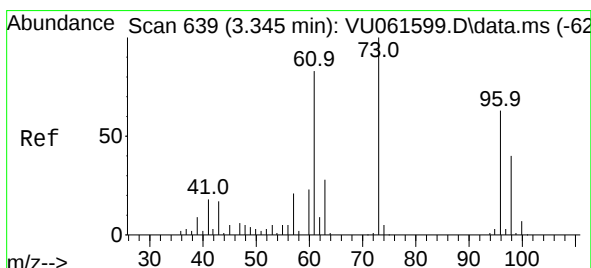
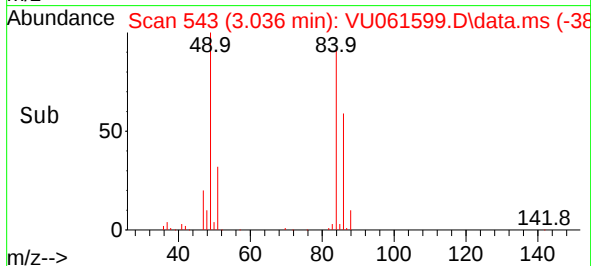
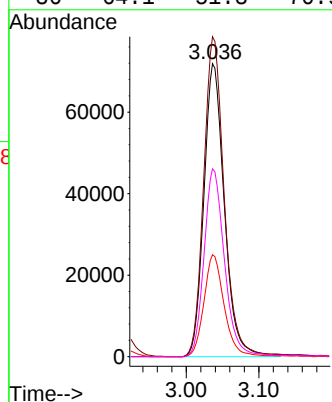
Ion Ratio Lower Upper

84 100

49 109.2 87.4 131.0

51 34.8 0.0 69.6

86 64.1 51.3 76.9



#16

trans-1,2-Dichloroethene

Concen: 11.299 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

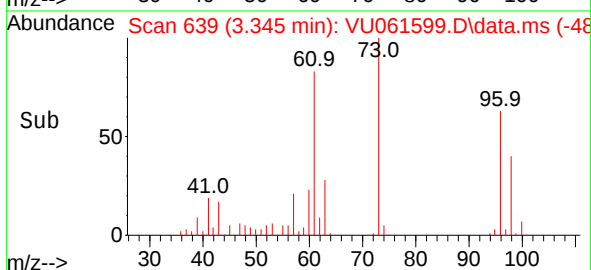
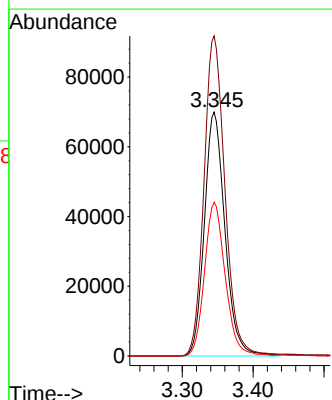
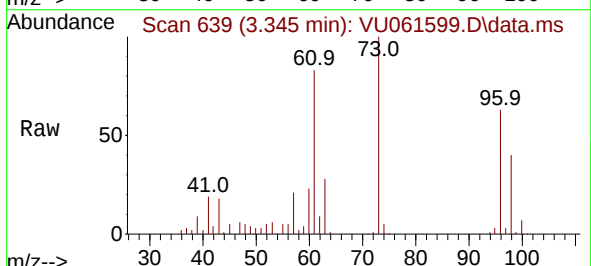
Tgt Ion: 96 Resp: 141401

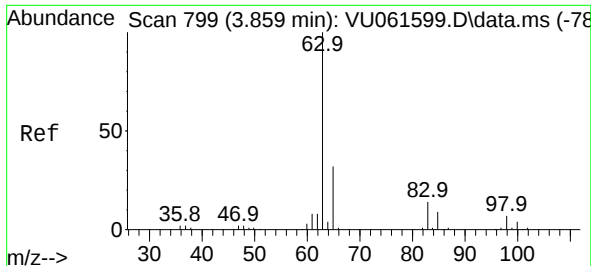
Ion Ratio Lower Upper

96 100

61 131.2 105.0 157.4

98 63.0 50.4 75.6

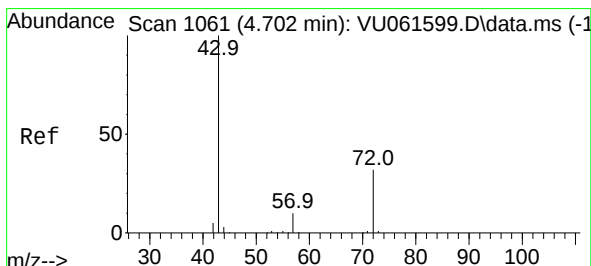
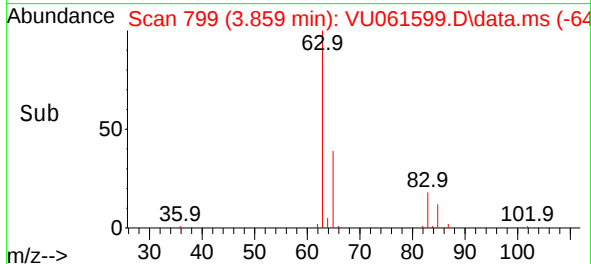
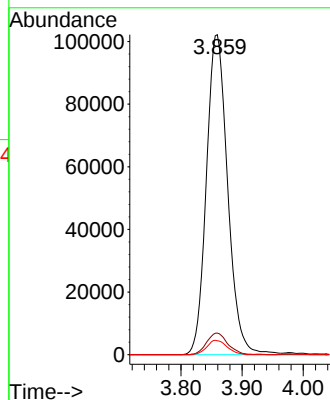
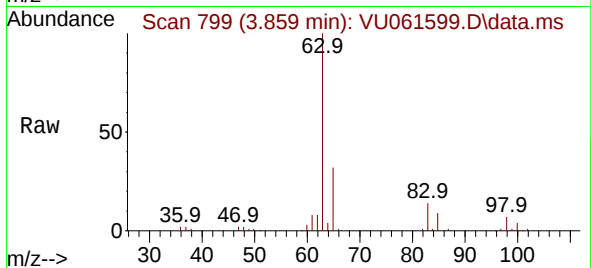




#17
 1,1-Dichloroethane
 Concen: 11.078 ug/l
 RT: 3.859 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

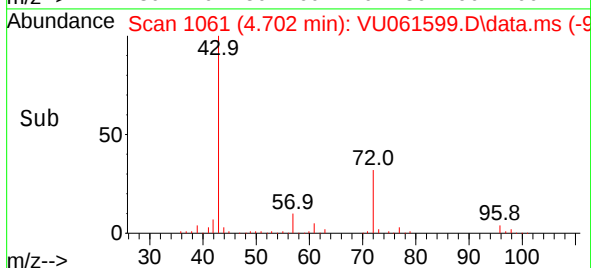
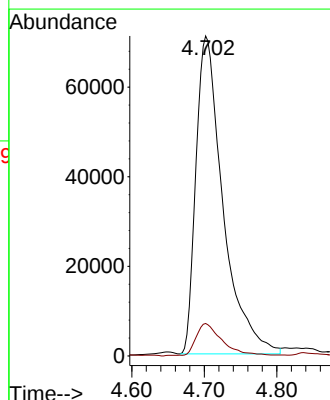
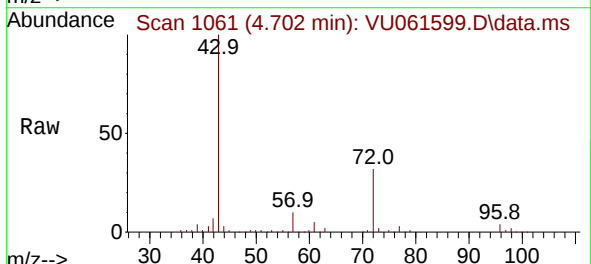
Instrument :
 MSVOA_U
 ClientSampleId :

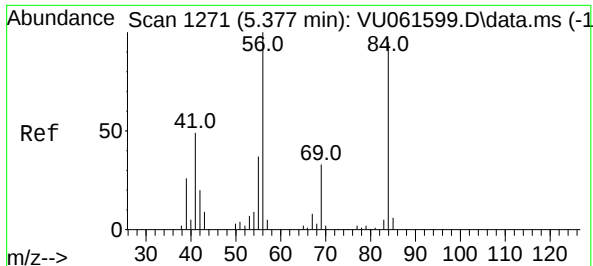
Tgt Ion: 63 Resp: 247232
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.4 2.2 6.6



#18
 2-Butanone
 Concen: 53.370 ug/l
 RT: 4.702 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

Tgt Ion: 43 Resp: 184050
 Ion Ratio Lower Upper
 43 100
 57 10.0 0.0 20.0





#19

Cyclohexane

Concen: 10.008 ug/l

RT: 5.377 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

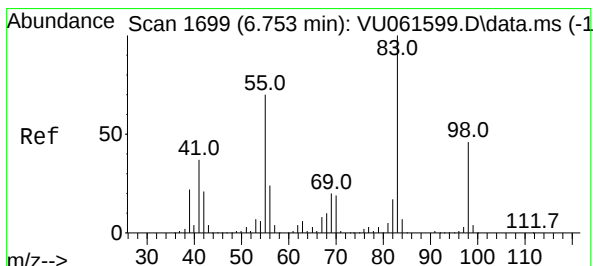
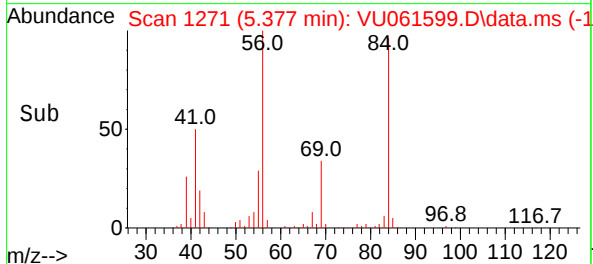
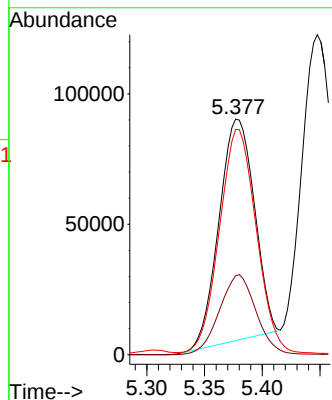
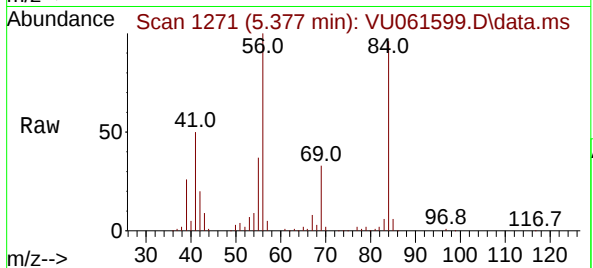
Tgt Ion: 56 Resp: 181198

Ion Ratio Lower Upper

56 100

69 37.5 26.3 39.5

84 104.8 73.4 110.2



#20

Methylcyclohexane

Concen: 11.765 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

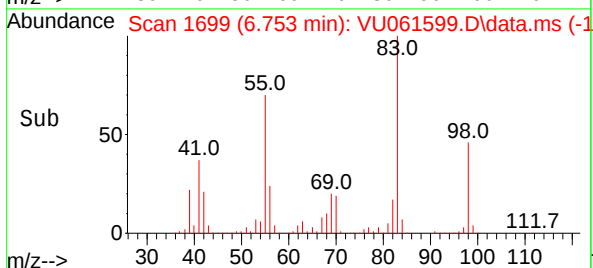
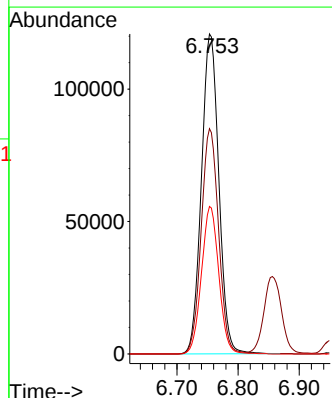
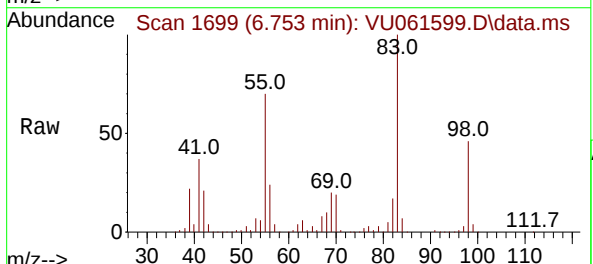
Tgt Ion: 83 Resp: 238878

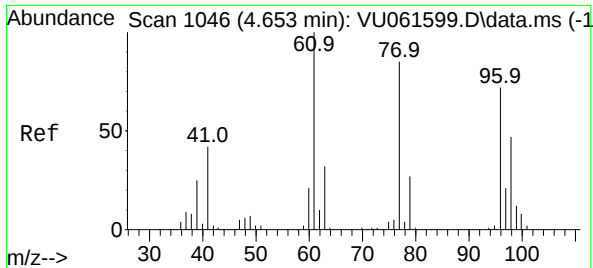
Ion Ratio Lower Upper

83 100

55 69.4 55.5 83.3

98 46.0 36.8 55.2

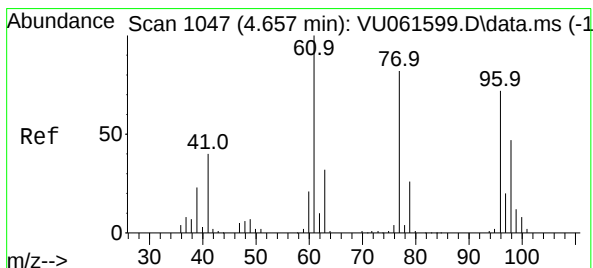
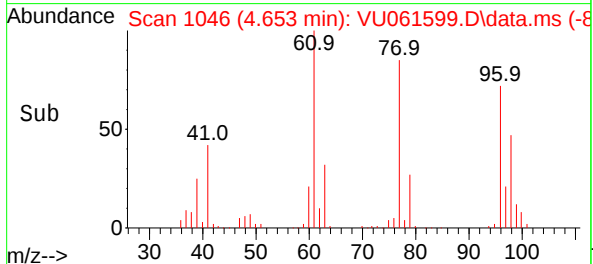
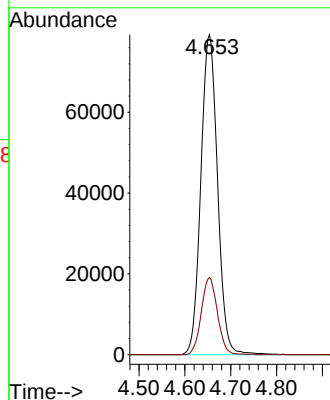
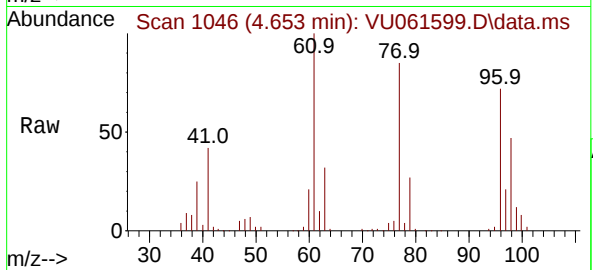




#21
2,2-Dichloropropane
Concen: 11.136 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

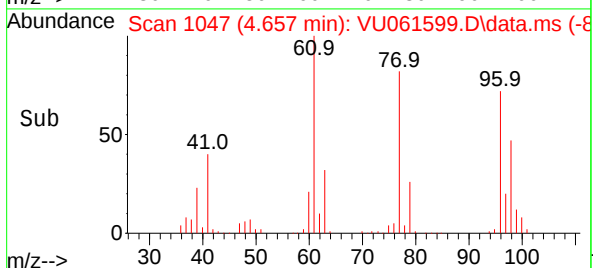
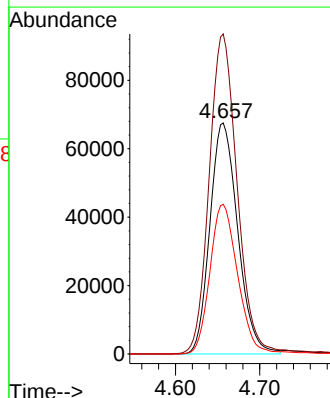
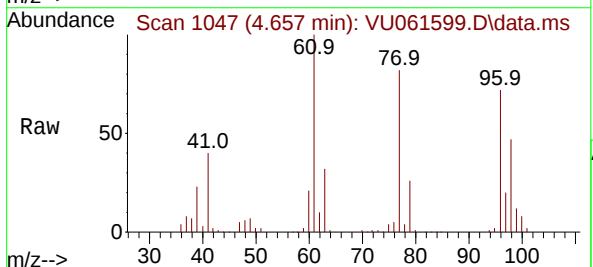
Instrument :
MSVOA_U
ClientSampleId :

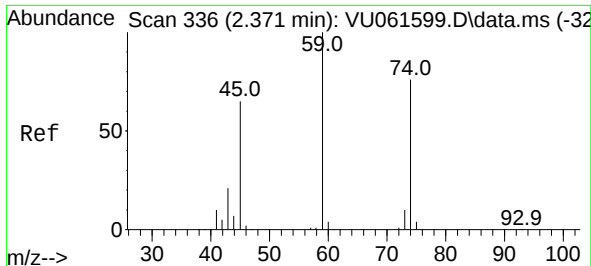
Tgt Ion: 77 Resp: 199878
Ion Ratio Lower Upper
77 100
97 23.3 18.6 28.0



#22
cis-1,2-Dichloroethene
Concen: 11.365 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 96 Resp: 155146
Ion Ratio Lower Upper
96 100
61 139.8 0.0 349.5
98 65.0 32.5 97.5

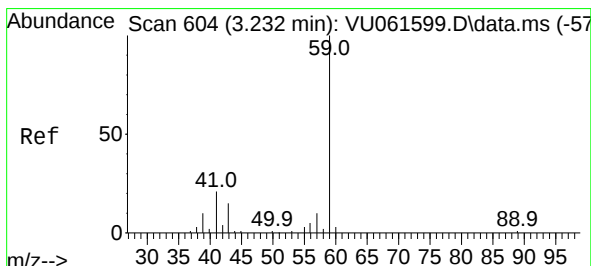
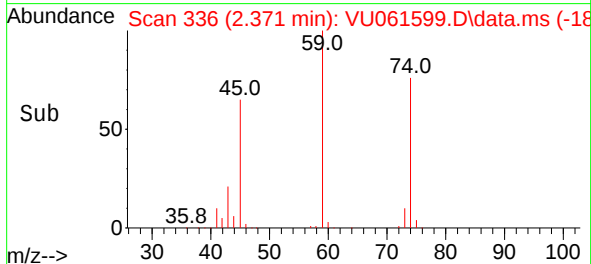
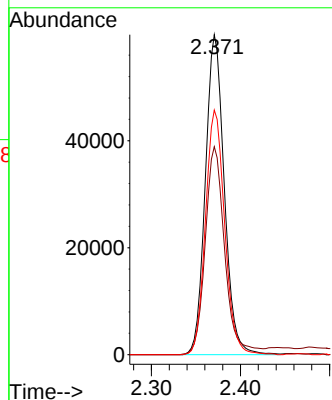
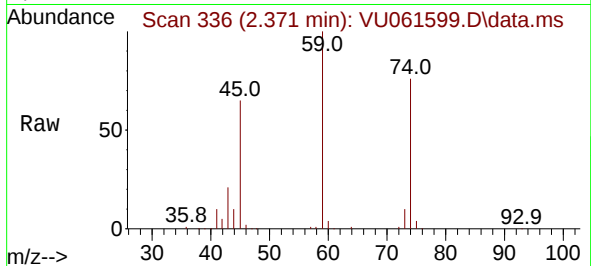




#23
Diethyl Ether
Concen: 10.995 ug/l
RT: 2.371 min Scan# 336
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

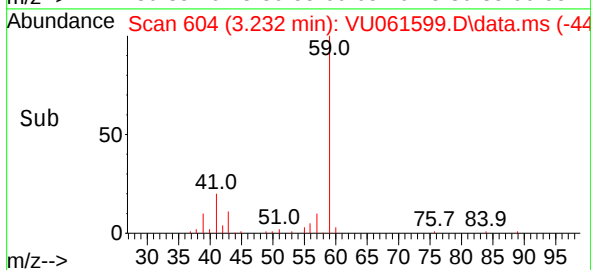
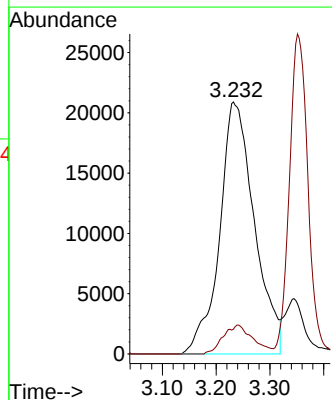
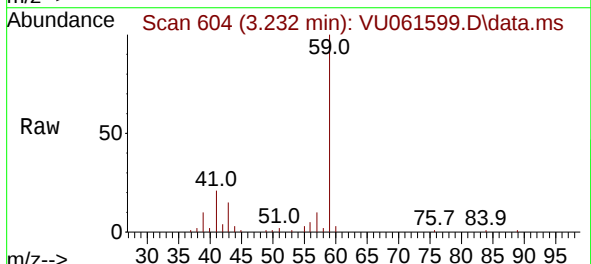
Instrument :
MSVOA_U
ClientSampleId :

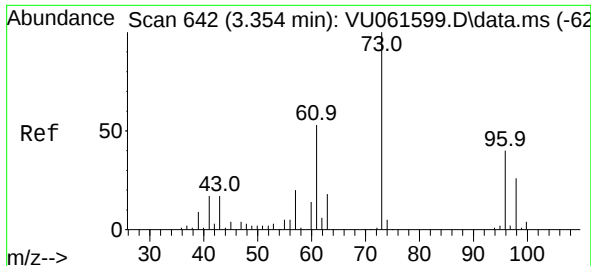
Tgt Ion: 59 Resp: 88285
Ion Ratio Lower Upper
59 100
45 67.2 53.8 80.6
74 77.6 62.1 93.1



#24
tert-Butyl Alcohol
Concen: 114.673 ug/l
RT: 3.232 min Scan# 604
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 59 Resp: 93887
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9





#25

Methyl tert-Butyl Ether

Concen: 11.386 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

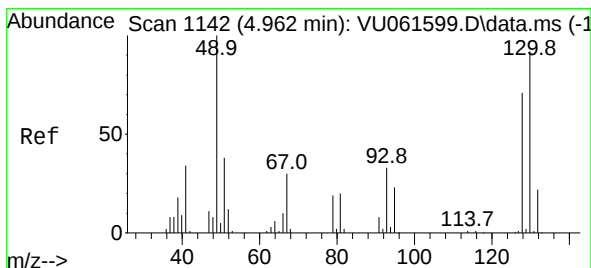
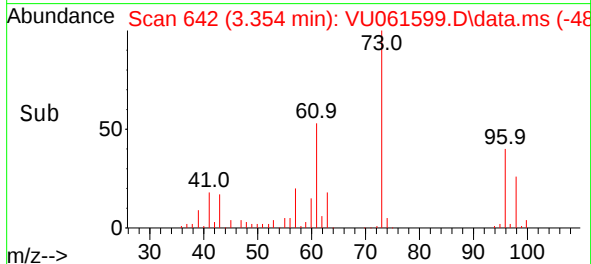
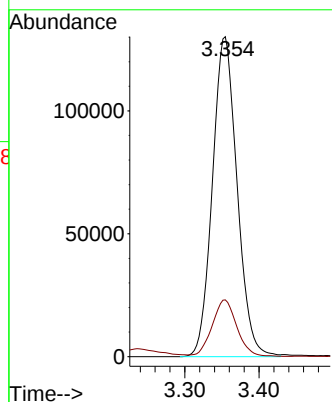
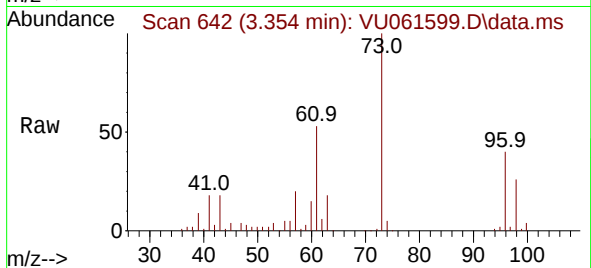
ClientSampleId :

Tgt Ion: 73 Resp: 300699

Ion Ratio Lower Upper

73 100

43 17.7 14.2 21.2



#26

Bromochloromethane

Concen: 11.331 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

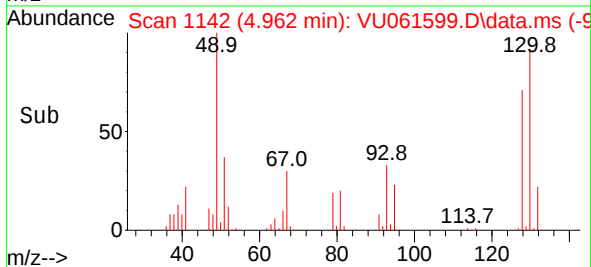
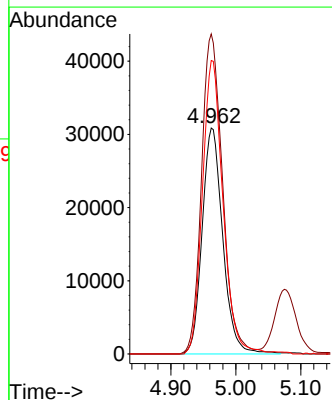
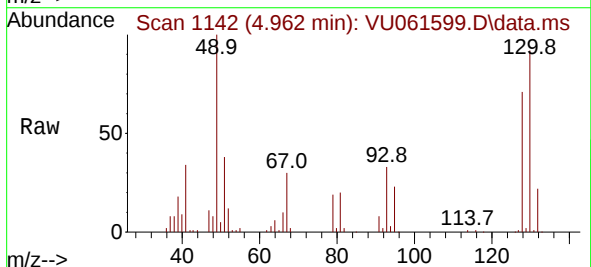
Tgt Ion: 128 Resp: 68147

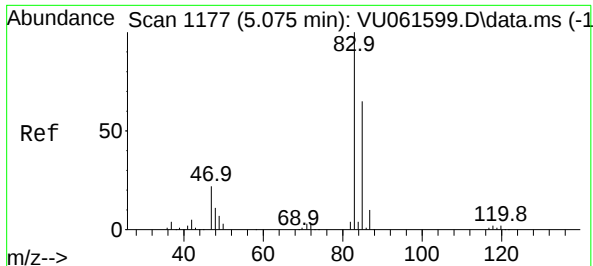
Ion Ratio Lower Upper

128 100

49 144.4 0.0 288.8

130 129.5 103.6 155.4

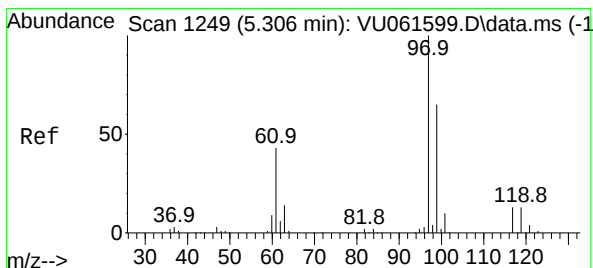
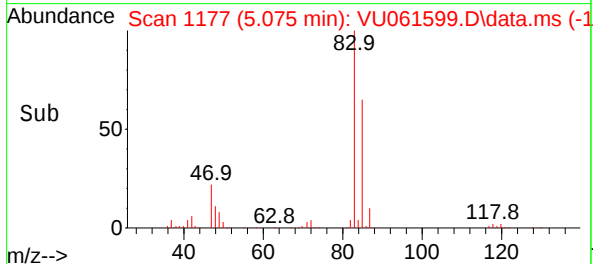
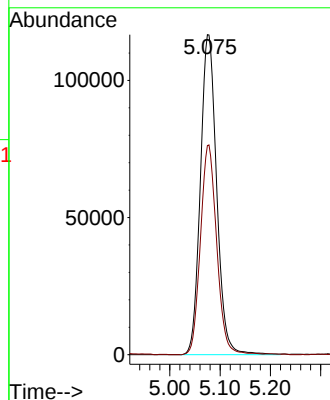
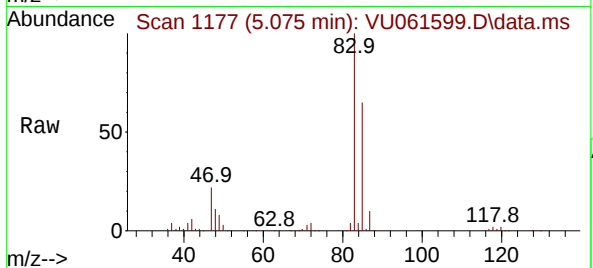




#27
Chloroform
Concen: 11.090 ug/l
RT: 5.075 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

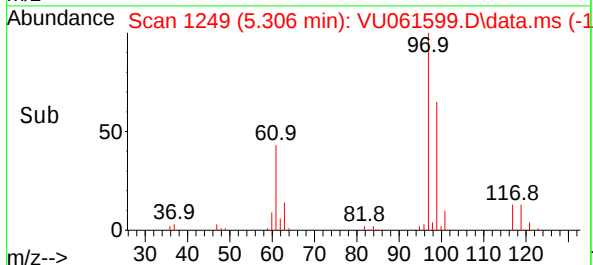
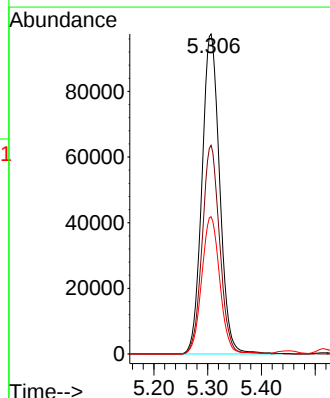
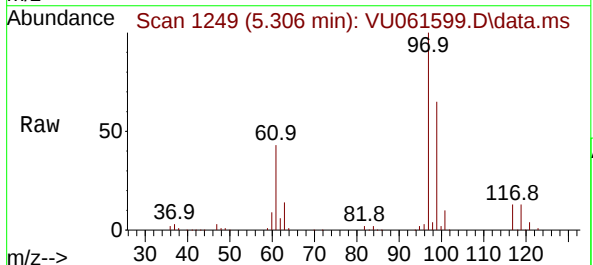
Instrument :
MSVOA_U
ClientSampleId :

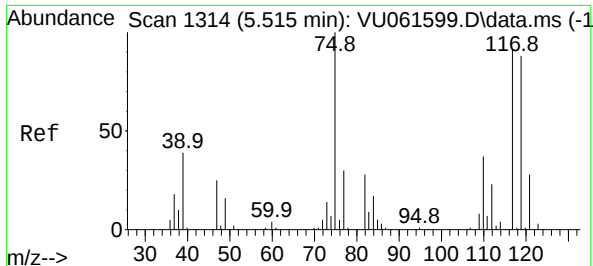
Tgt Ion: 83 Resp: 262493
Ion Ratio Lower Upper
83 100
85 65.3 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 11.416 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 97 Resp: 223249
Ion Ratio Lower Upper
97 100
99 64.3 32.1 96.5
61 43.4 21.7 65.1

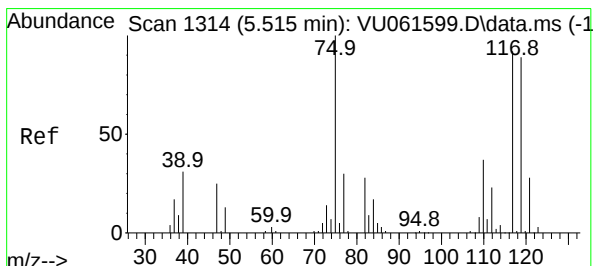
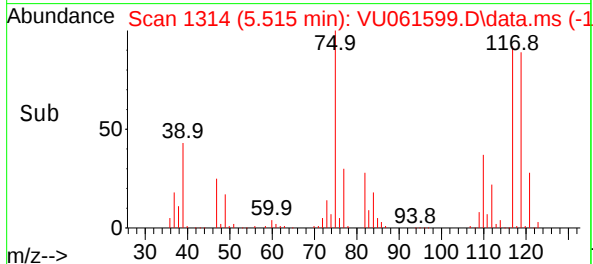
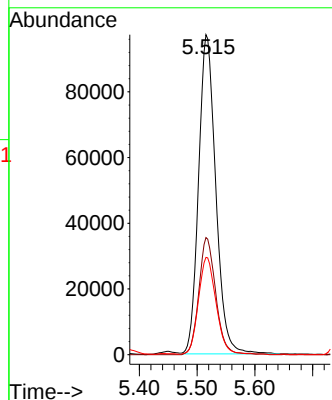
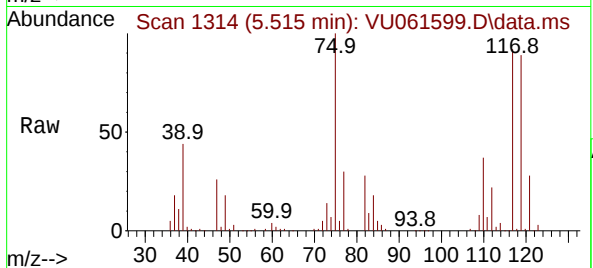




#29
1,1-Dichloropropene
Concen: 11.442 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

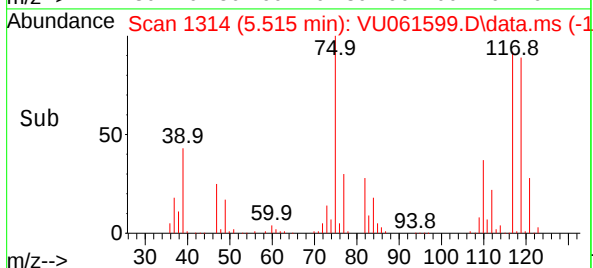
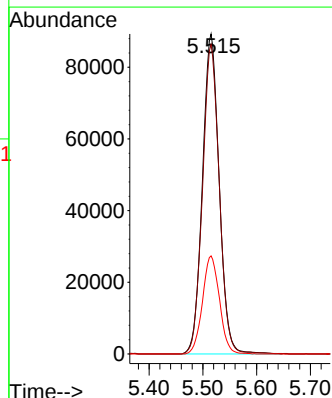
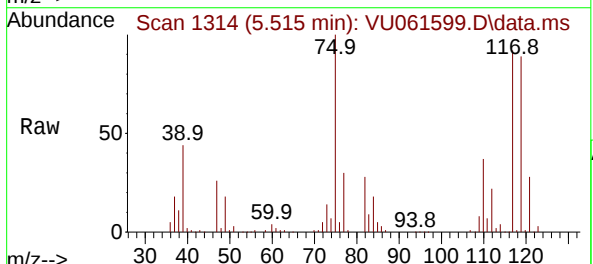
Instrument :
MSVOA_U
ClientSampleId :

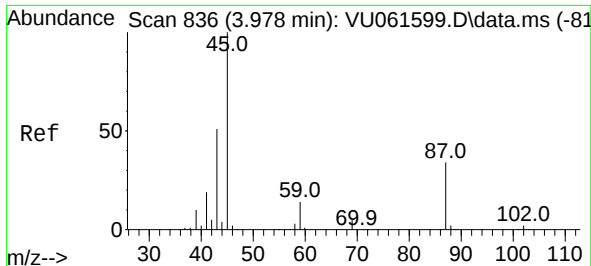
Tgt Ion: 75 Resp: 201045
Ion Ratio Lower Upper
75 100
110 35.9 17.9 53.8
77 31.0 24.8 37.2



#30
Carbon Tetrachloride
Concen: 11.535 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion:117 Resp: 193345
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 30.6 24.5 36.7

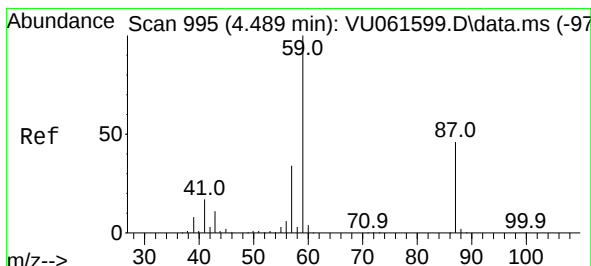
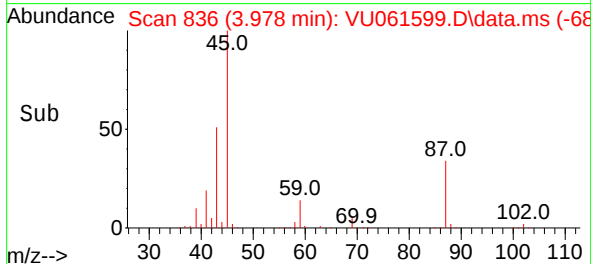
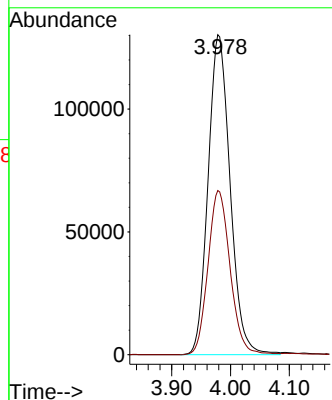
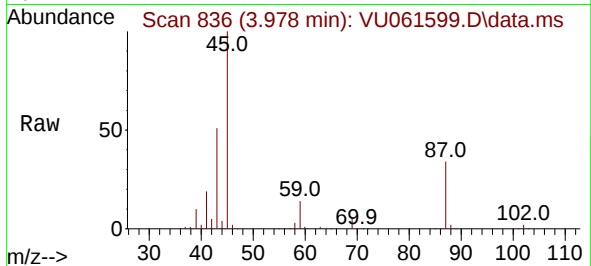




#31
Isopropyl Ether
Concen: 11.422 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

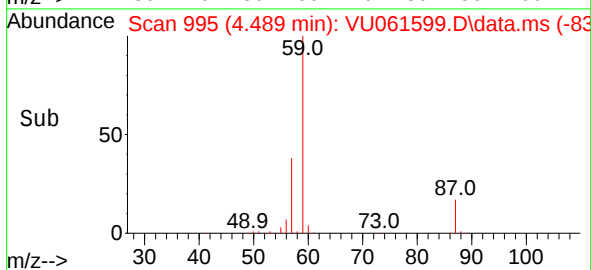
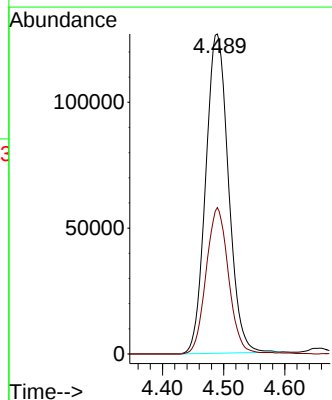
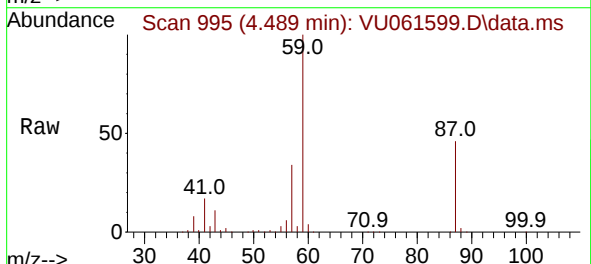
Instrument :
MSVOA_U
ClientSampleId :

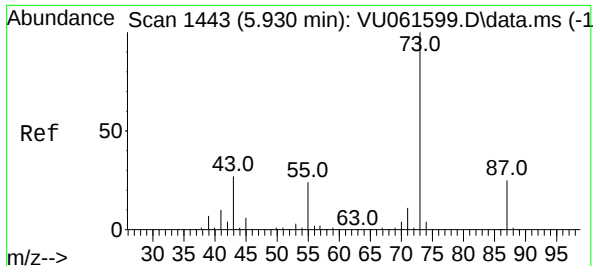
Tgt Ion: 45 Resp: 339200
Ion Ratio Lower Upper
45 100
43 51.5 25.8 77.3



#32
Ethyl-t-butyl ether
Concen: 11.566 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 59 Resp: 328314
Ion Ratio Lower Upper
59 100
87 44.4 35.5 53.3

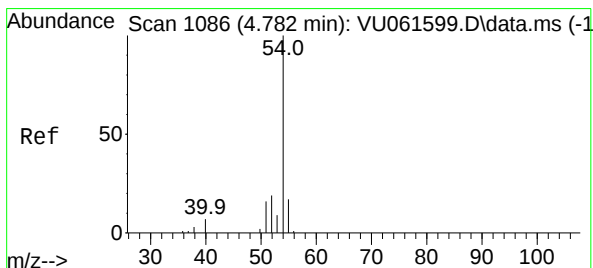
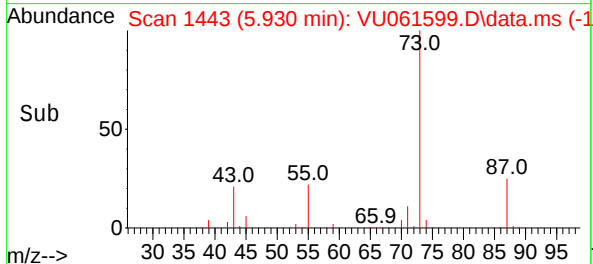
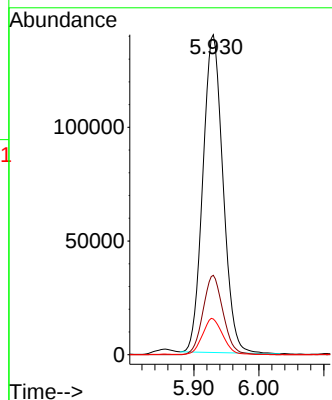
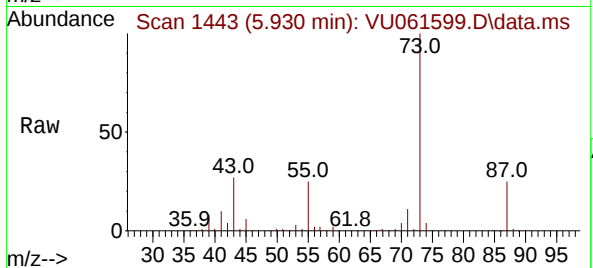




#33
Tert-Amyl methyl ether
Concen: 11.745 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

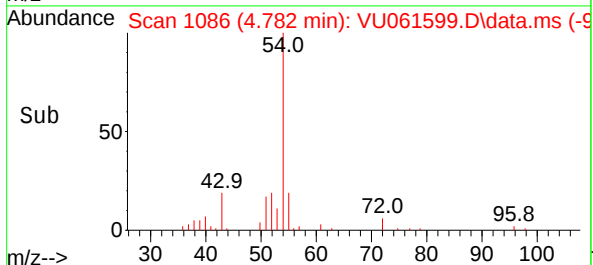
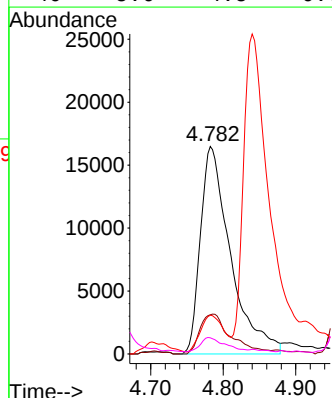
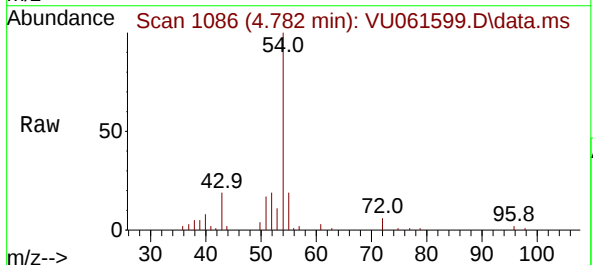
Instrument :
MSVOA_U
ClientSampleId :

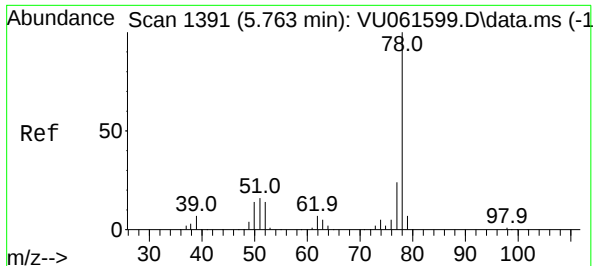
Tgt Ion:	73	Resp:	301352
Ion	Ratio	Lower	Upper
73	100		
87	24.7	19.8	29.6
71	11.2	9.0	13.4



#34
Propionitrile
Concen: 59.094 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion:	54	Resp:	47625
Ion	Ratio	Lower	Upper
54	100		
52	19.8	15.8	23.8
55	13.4	10.7	16.1
40	5.6	4.5	6.7

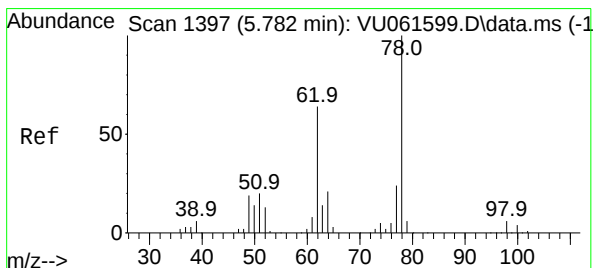
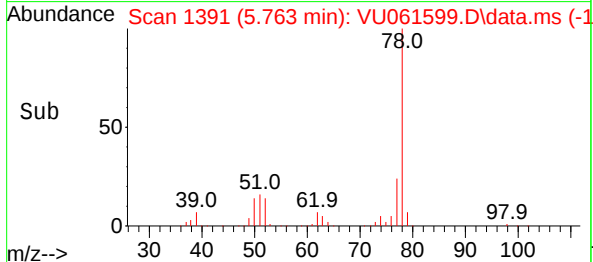
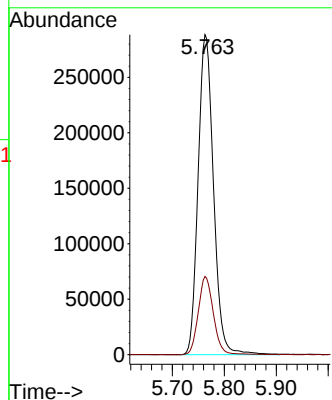
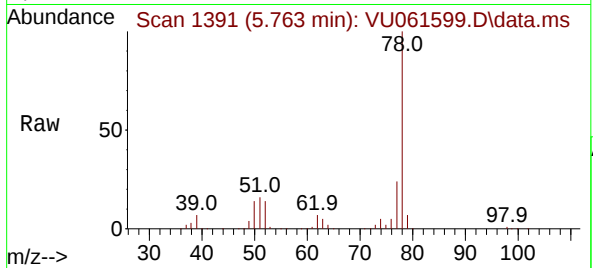




#35
Benzene
Concen: 11.338 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

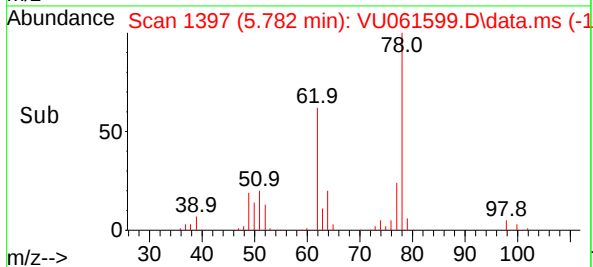
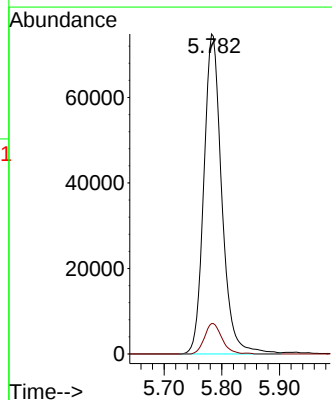
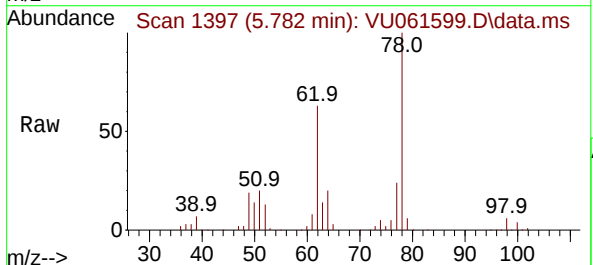
Instrument :
MSVOA_U
ClientSampleId :

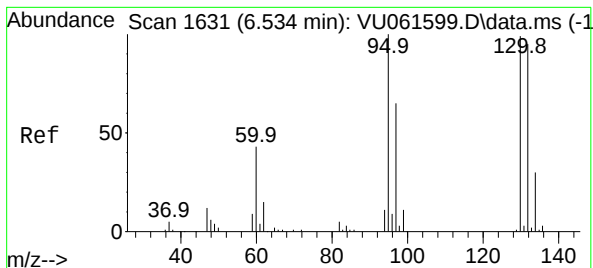
Tgt Ion: 78 Resp: 593727
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4



#36
1,2-Dichloroethane
Concen: 11.106 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 62 Resp: 161618
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37

Trichloroethene

Concen: 11.266 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

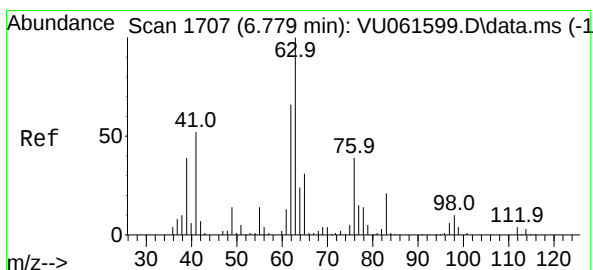
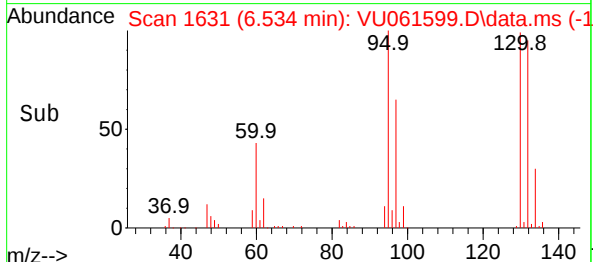
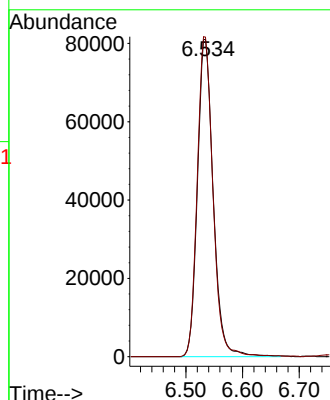
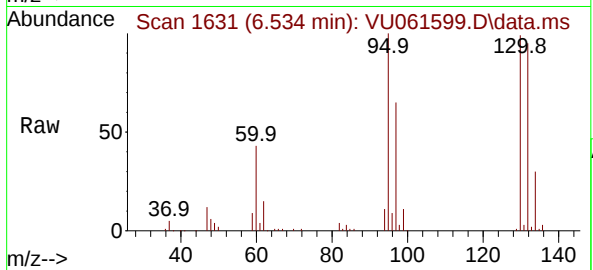
ClientSampleId :

Tgt Ion:130 Resp: 156221

Ion Ratio Lower Upper

130 100

95 100.7 80.6 120.8



#38

1,2-Dichloropropane

Concen: 11.327 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU061599.D

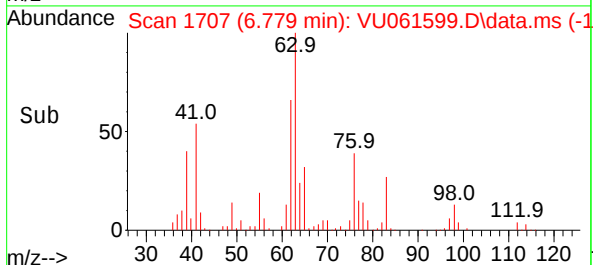
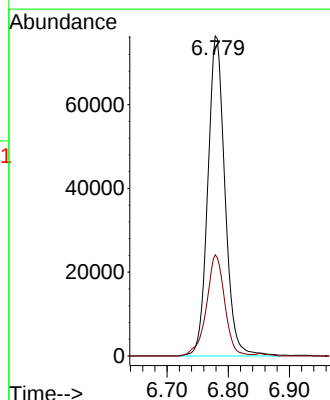
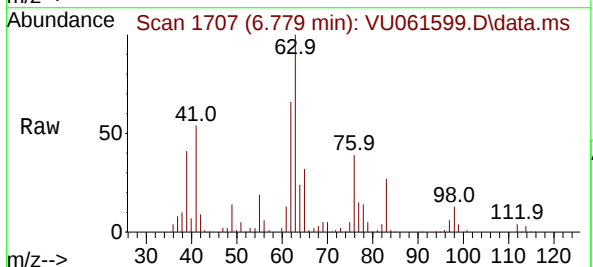
Acq: 12 Nov 2024 10:46

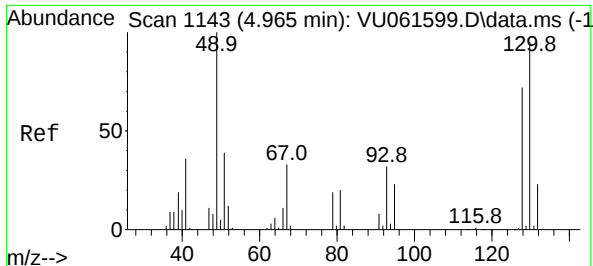
Tgt Ion: 63 Resp: 148934

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9





#39

Methacrylonitrile

Concen: 12.253 ug/l

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 35345

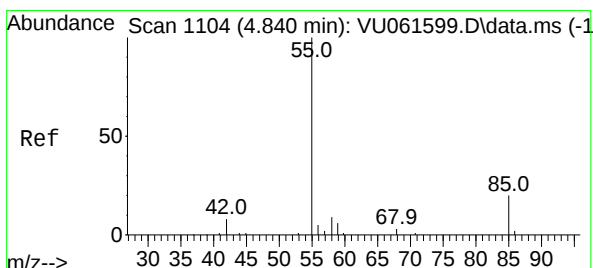
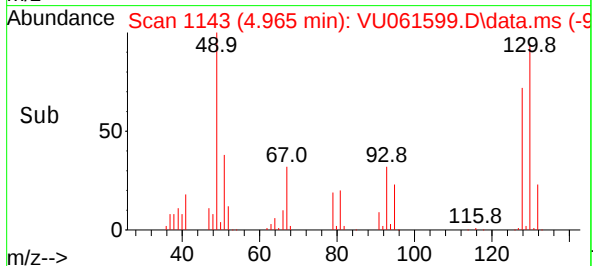
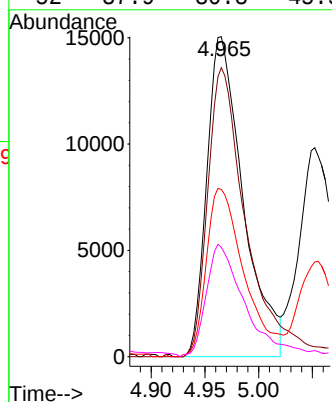
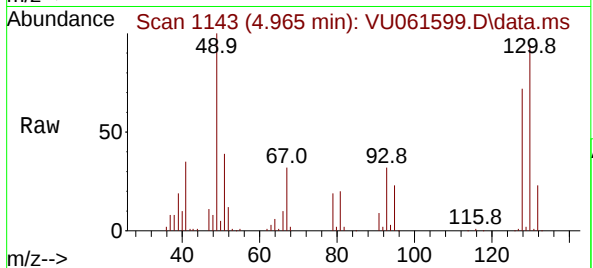
Ion Ratio Lower Upper

41 100

67 97.0 77.6 116.4

39 54.9 43.9 65.9

52 37.9 30.3 45.5



#40

Methyl acrylate

Concen: 10.711 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Tgt Ion: 55 Resp: 55926

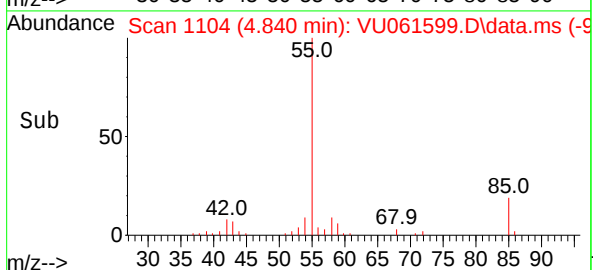
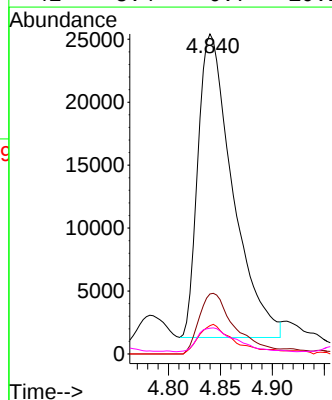
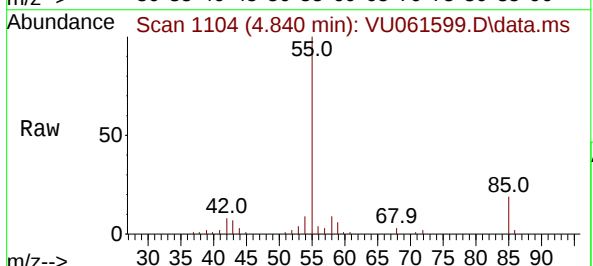
Ion Ratio Lower Upper

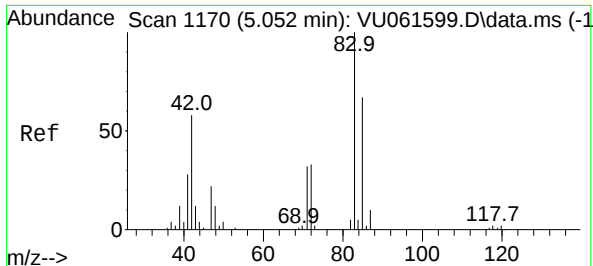
55 100

85 20.6 16.5 24.7

58 9.5 7.6 11.4

42 8.4 6.7 10.1





#41

Tetrahydrofuran

Concen: 22.431 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

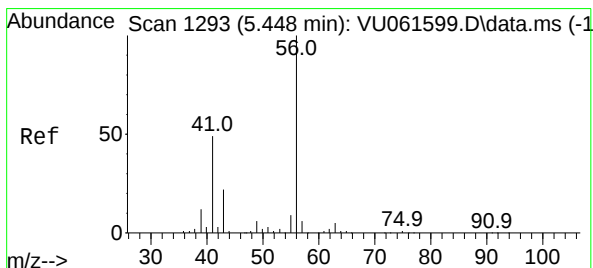
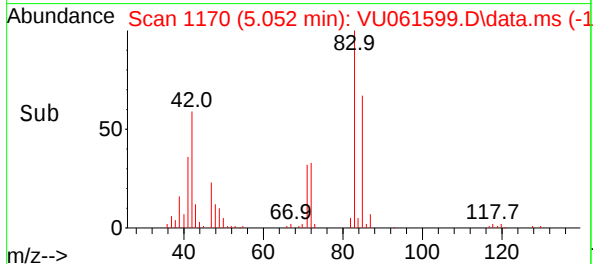
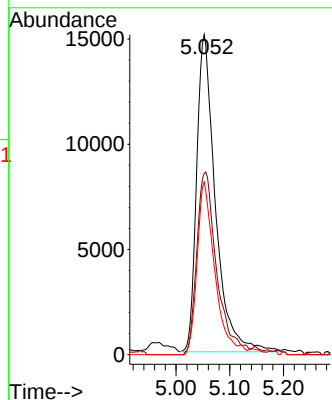
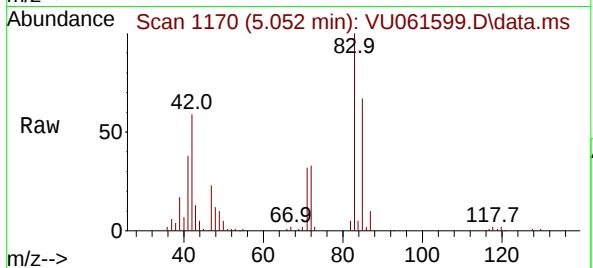
Tgt Ion: 42 Resp: 36543

Ion Ratio Lower Upper

42 100

72 61.4 49.1 73.7

71 50.3 40.2 60.4



#42

1-Chlorobutane

Concen: 11.768 ug/l

RT: 5.448 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VU061599.D

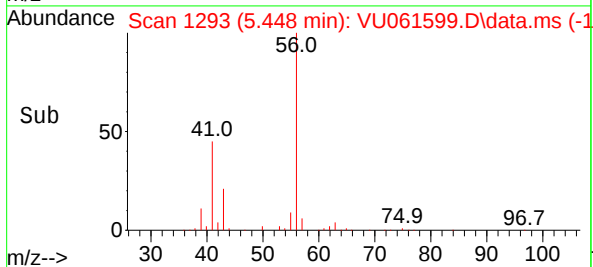
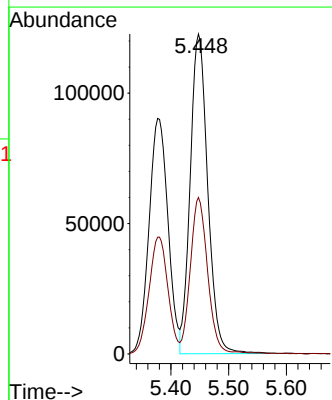
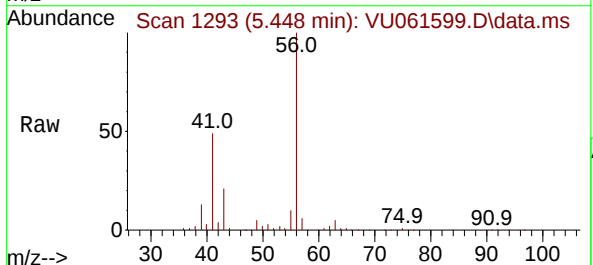
Acq: 12 Nov 2024 10:46

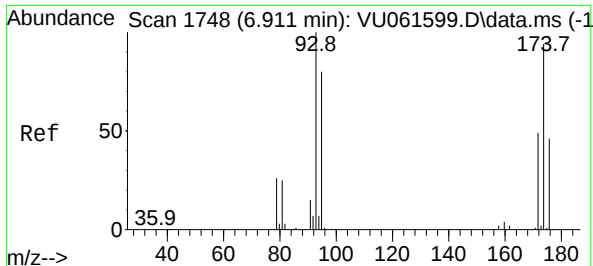
Tgt Ion: 56 Resp: 258015

Ion Ratio Lower Upper

56 100

41 46.8 23.4 70.2





#43

Dibromomethane

Concen: 11.298 ug/l

RT: 6.911 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

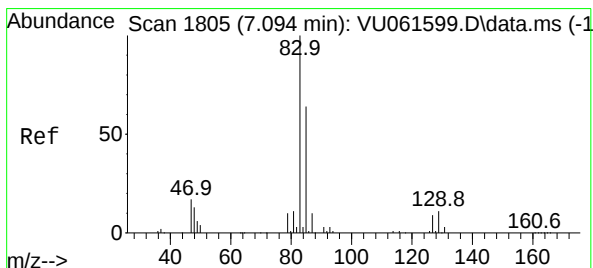
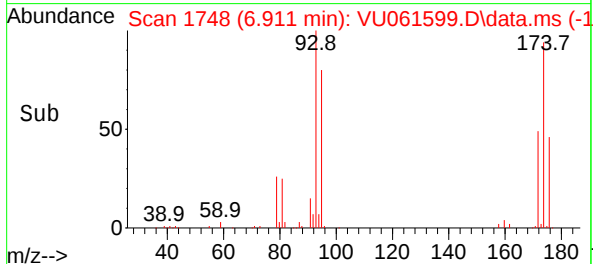
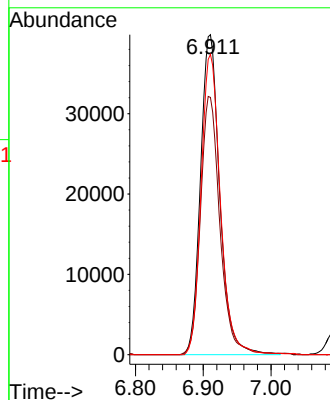
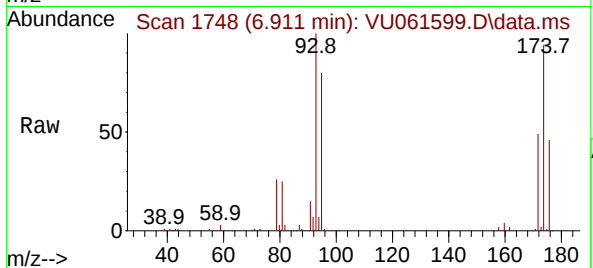
Tgt Ion: 93 Resp: 78675

Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 94.1 75.3 112.9



#44

Bromodichloromethane

Concen: 11.439 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

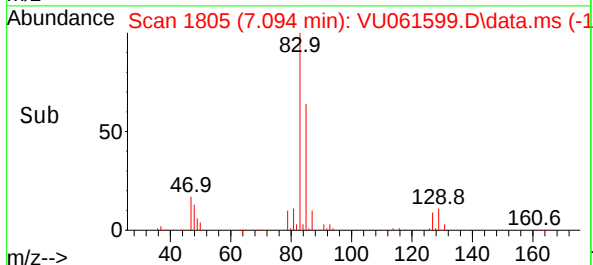
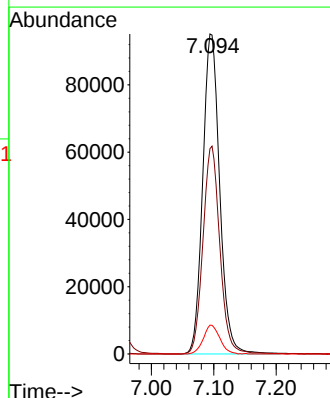
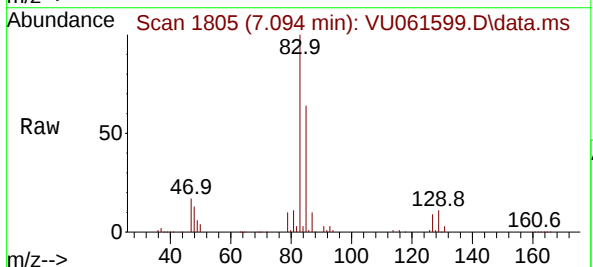
Tgt Ion: 83 Resp: 179881

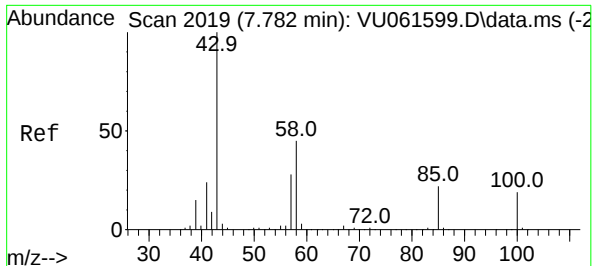
Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

127 9.0 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 56.625 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

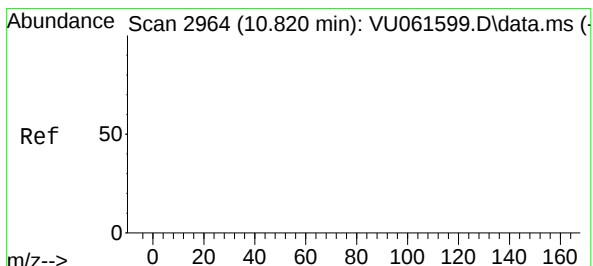
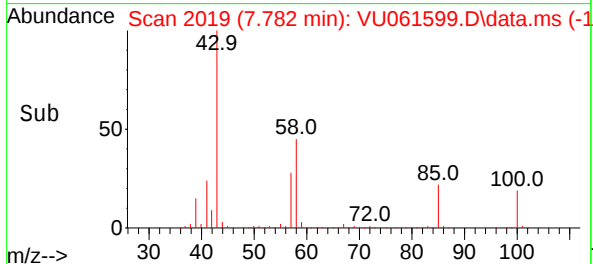
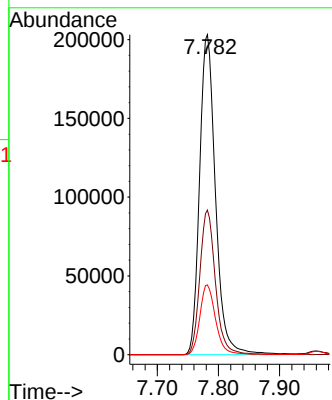
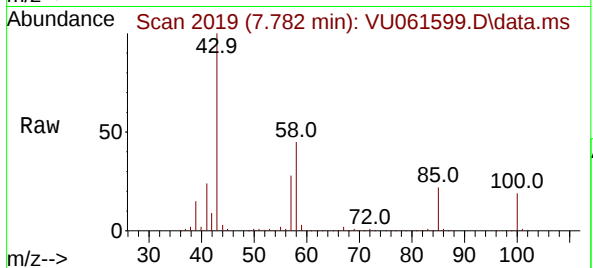
Tgt Ion: 43 Resp: 366790

Ion Ratio Lower Upper

43 100

58 44.5 22.3 66.8

85 21.5 17.2 25.8



#46

t-1,4-Dichloro-2-butene

Concen: 45.485 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.006 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Tgt Ion: 75 Resp: 162903

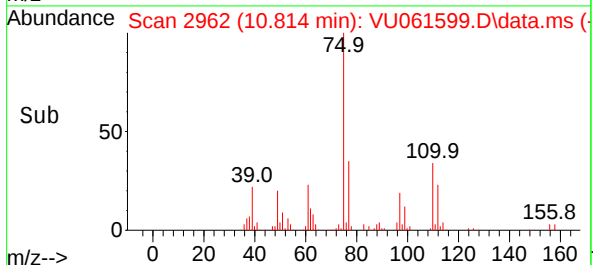
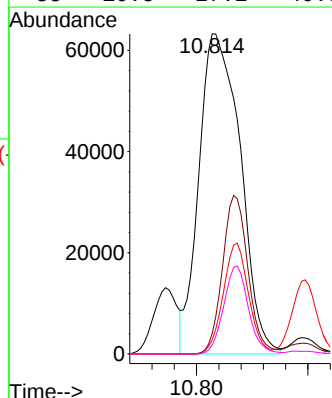
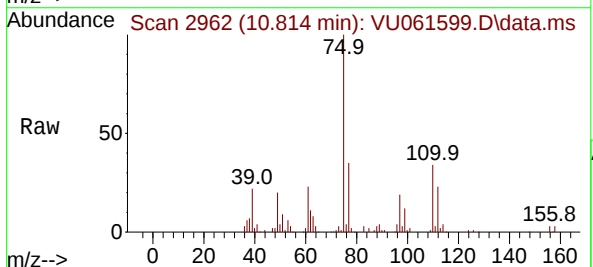
Ion Ratio Lower Upper

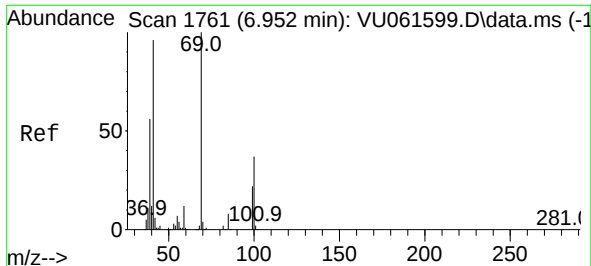
75 100

53 30.7 50.7 76.1#

89 21.3 35.2 52.8#

88 16.5 27.2 40.8#





#47

Methyl methacrylate

Concen: 24.176 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 133614

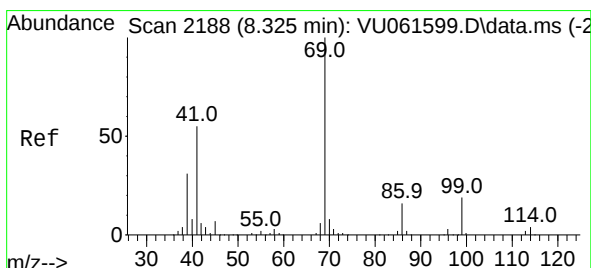
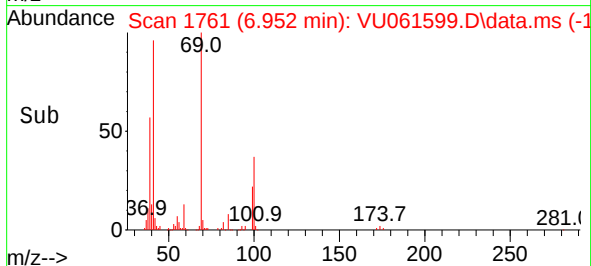
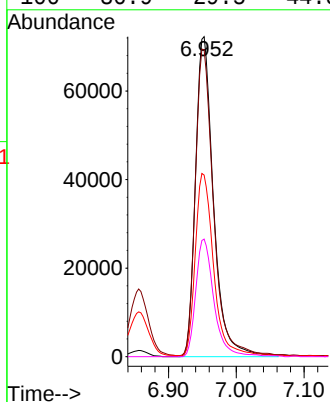
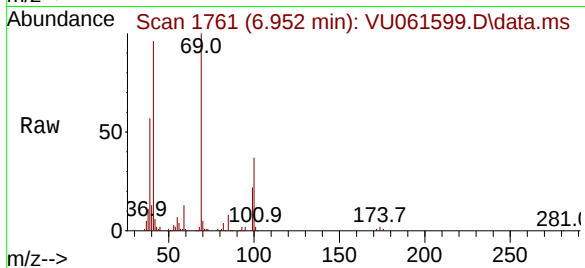
Ion Ratio Lower Upper

69 100

41 96.8 0.0 193.6

39 58.3 46.6 70.0

100 36.9 29.5 44.3



#48

Ethyl methacrylate

Concen: 12.177 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VU061599.D

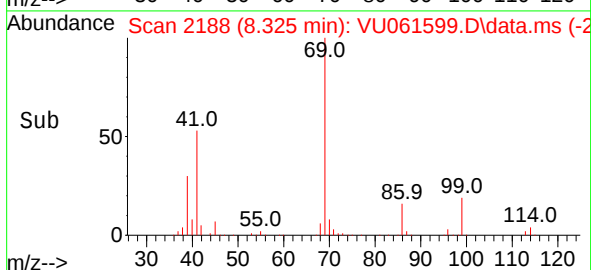
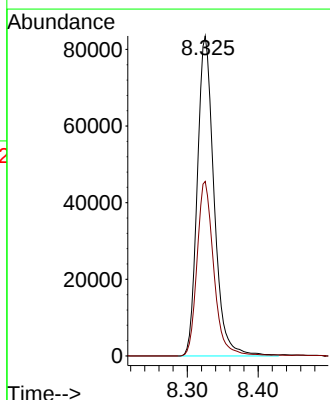
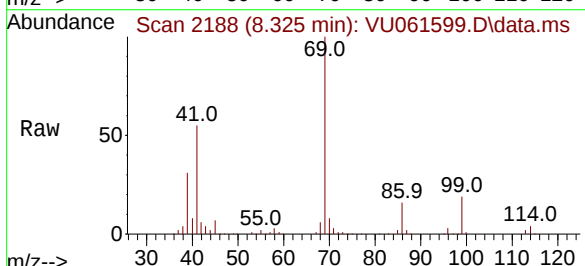
Acq: 12 Nov 2024 10:46

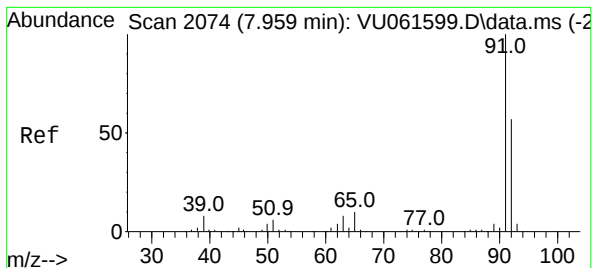
Tgt Ion: 69 Resp: 136808

Ion Ratio Lower Upper

69 100

41 54.6 27.3 81.9





#49

Toluene

Concen: 11.626 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

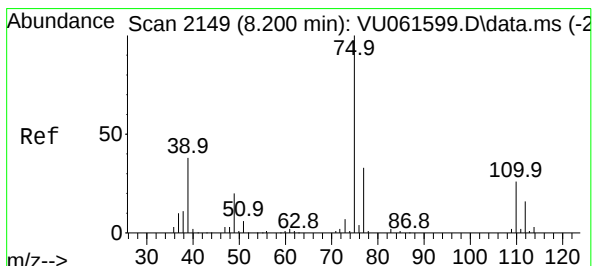
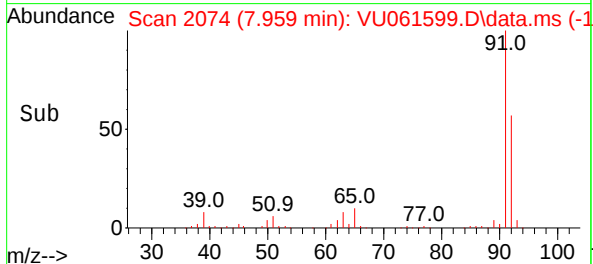
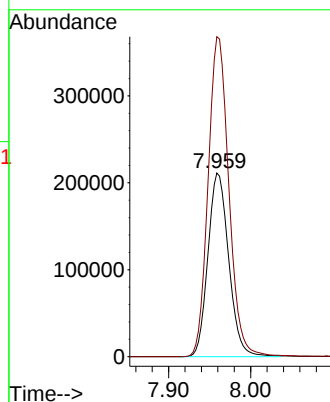
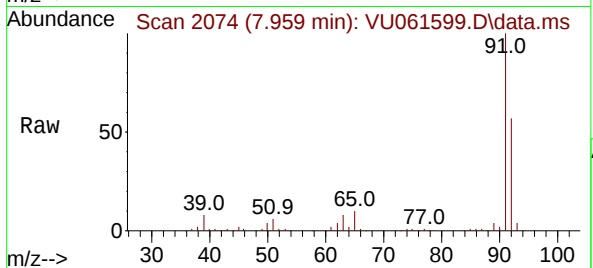
ClientSampleId :

Tgt Ion: 92 Resp: 371782

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4



#50

t-1,3-Dichloropropene

Concen: 12.041 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU061599.D

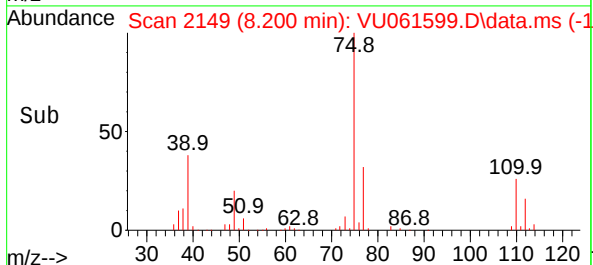
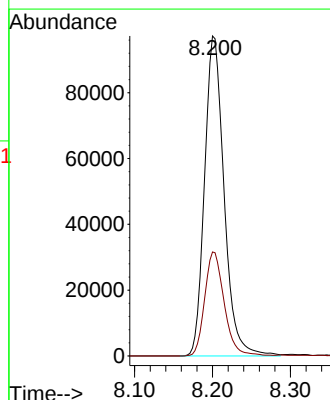
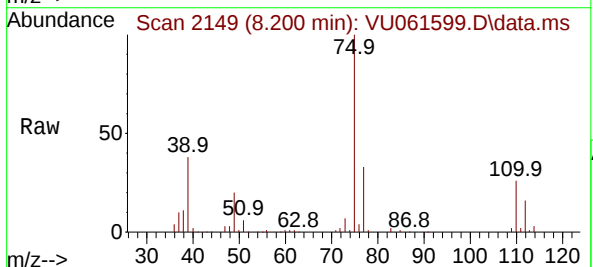
Acq: 12 Nov 2024 10:46

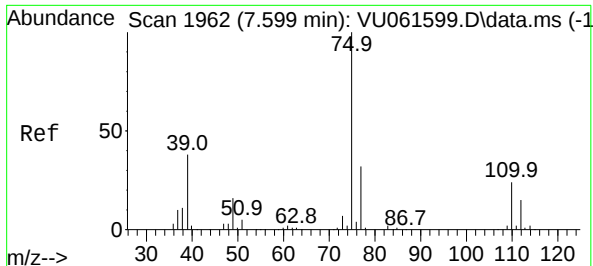
Tgt Ion: 75 Resp: 169430

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

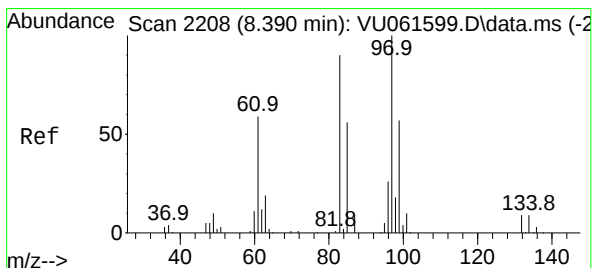
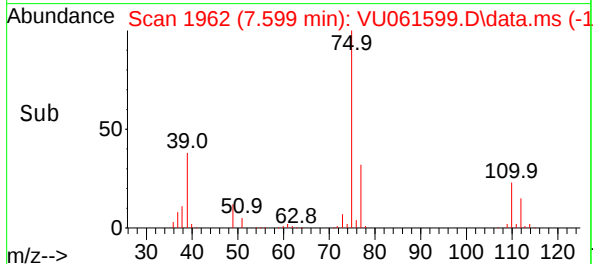
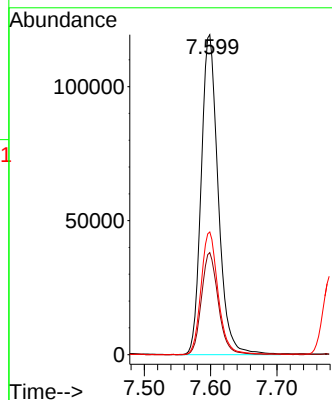
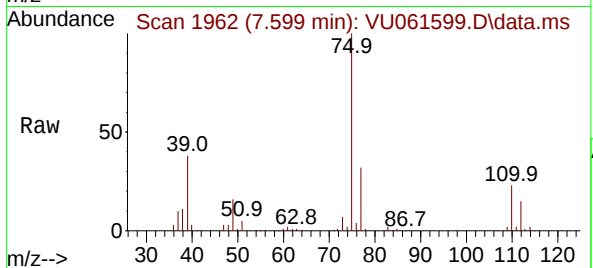




#51
 cis-1,3-Dichloropropene
 Concen: 11.804 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

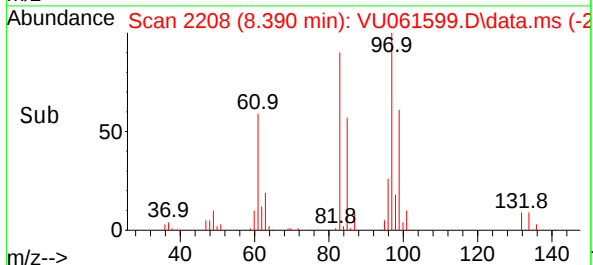
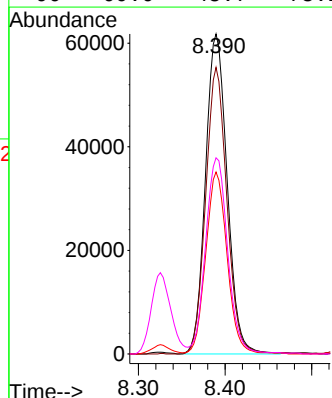
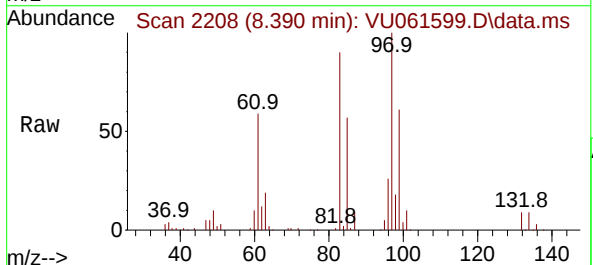
Instrument :
 MSVOA_U
 ClientSampleId :

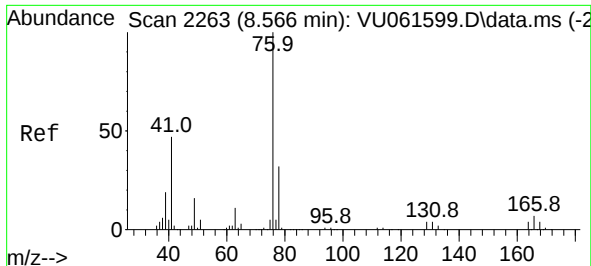
Tgt Ion: 75 Resp: 213061
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 38.3 30.6 46.0



#52
 1,1,2-Trichloroethane
 Concen: 11.282 ug/l
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

Tgt Ion: 97 Resp: 107692
 Ion Ratio Lower Upper
 97 100
 83 89.6 71.7 107.5
 85 56.5 45.2 67.8
 99 60.9 48.7 73.1

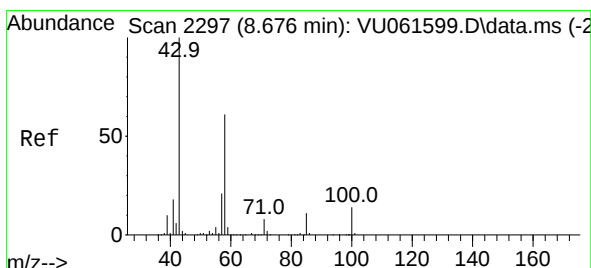
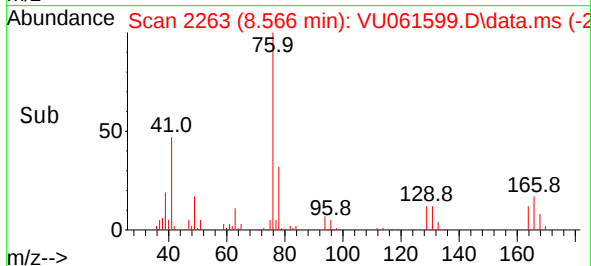
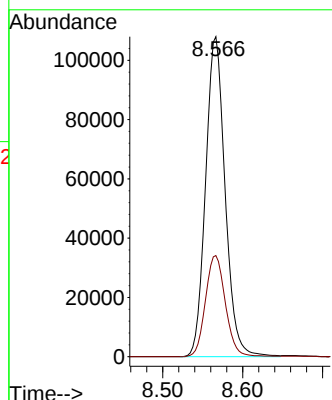
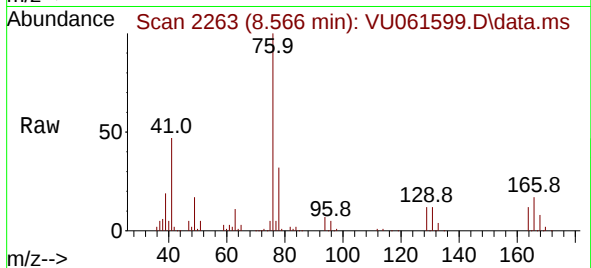




#53
1,3-Dichloropropane
Concen: 11.252 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

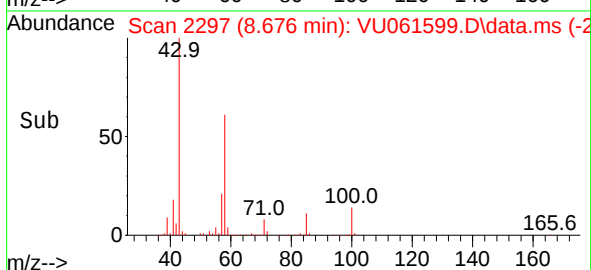
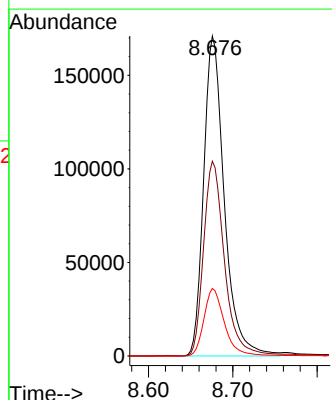
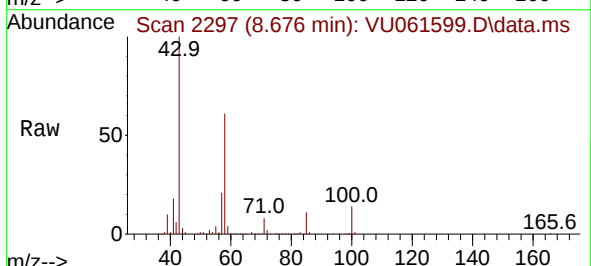
Instrument :
MSVOA_U
ClientSampleId :

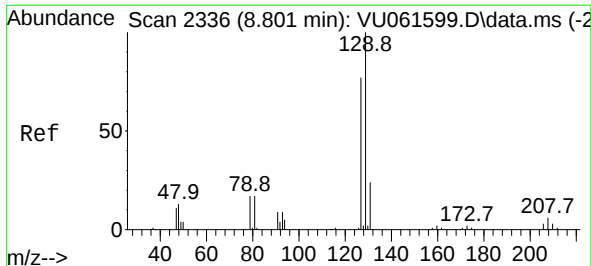
Tgt Ion: 76 Resp: 183304
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8



#54
2-Hexanone
Concen: 52.960 ug/l
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 43 Resp: 292286
Ion Ratio Lower Upper
43 100
58 62.3 42.3 82.3
57 20.9 0.9 40.9





#55

Dibromochloromethane

Concen: 12.047 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

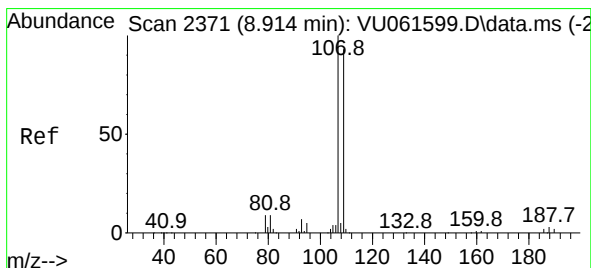
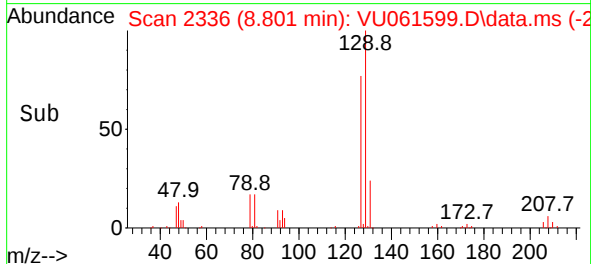
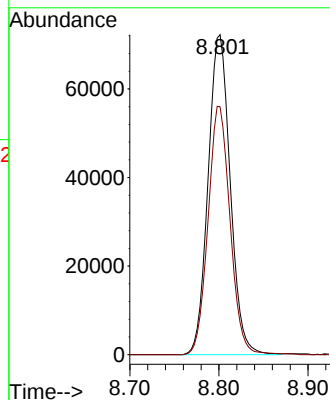
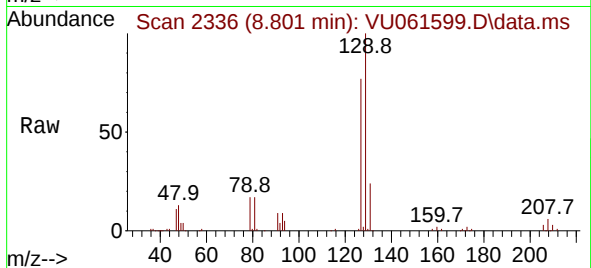
ClientSampleId :

Tgt Ion:129 Resp: 124480

Ion Ratio Lower Upper

129 100

127 77.3 61.8 92.8



#56

1,2-Dibromoethane

Concen: 11.334 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU061599.D

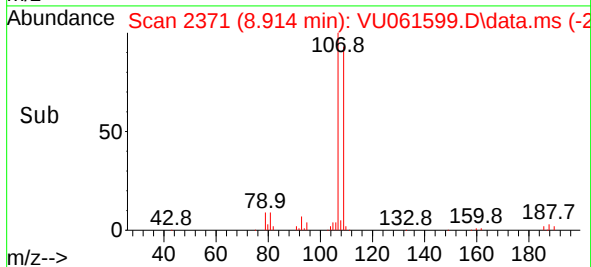
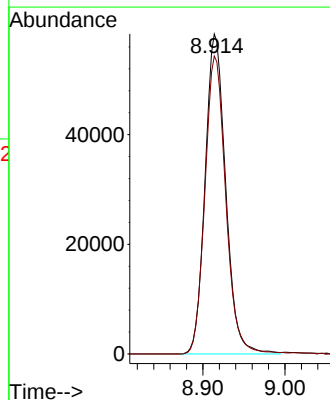
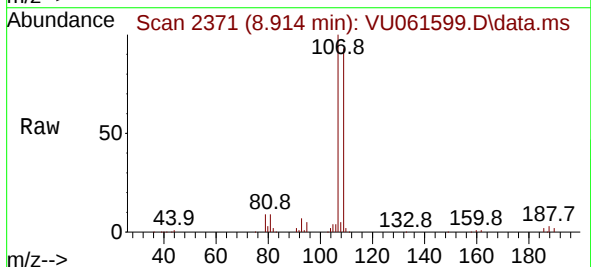
Acq: 12 Nov 2024 10:46

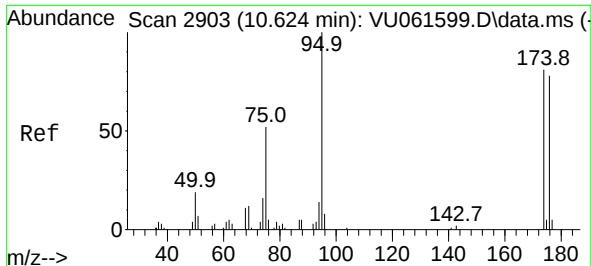
Tgt Ion:107 Resp: 101678

Ion Ratio Lower Upper

107 100

109 94.4 0.0 188.8





#57

4-Bromofluorobenzene

Concen: 1.043 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

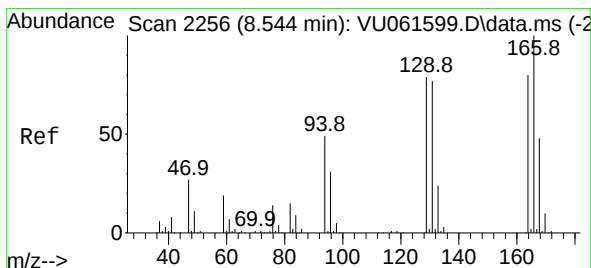
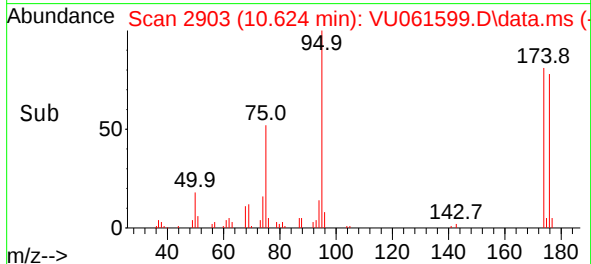
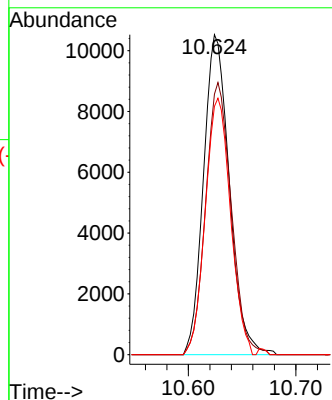
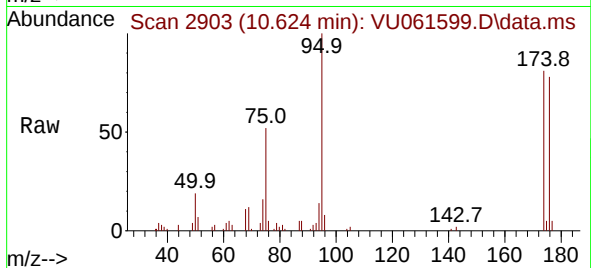
Tgt Ion: 95 Resp: 17564

Ion Ratio Lower Upper

95 100

174 84.4 67.5 101.3

176 78.4 62.7 94.1



#58

Tetrachloroethene

Concen: 11.089 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Tgt Ion: 164 Resp: 138328

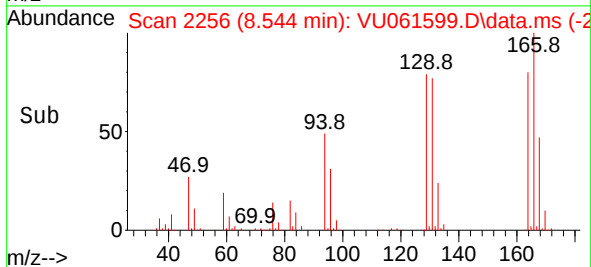
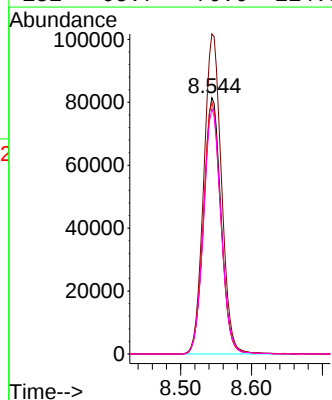
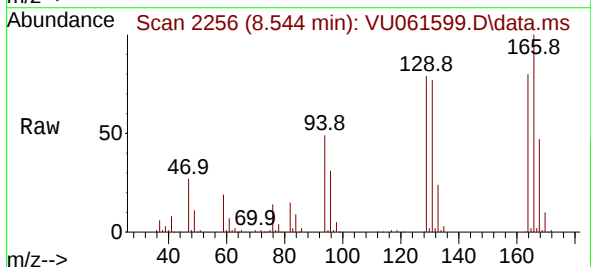
Ion Ratio Lower Upper

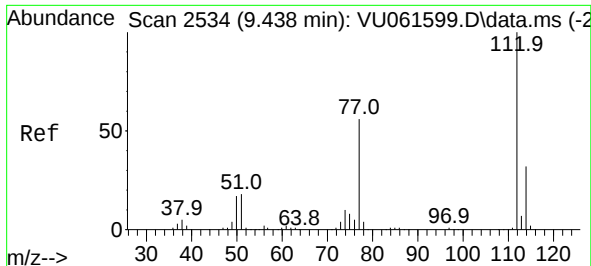
164 100

166 124.9 99.9 149.9

129 98.3 78.6 118.0

131 95.7 76.6 114.8





#59

Chlorobenzene

Concen: 11.591 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

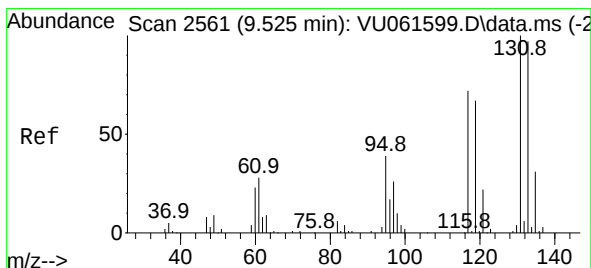
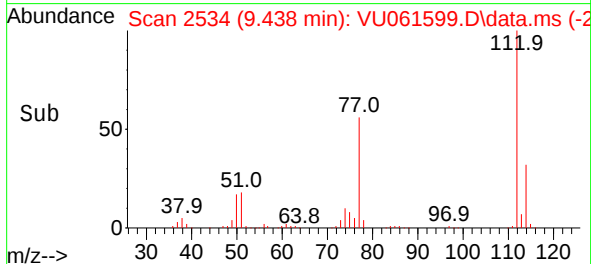
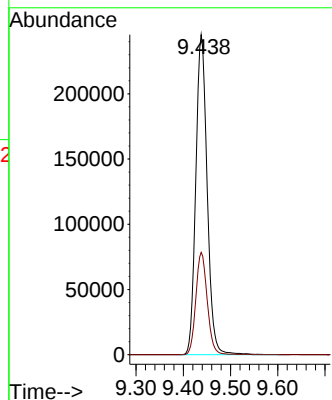
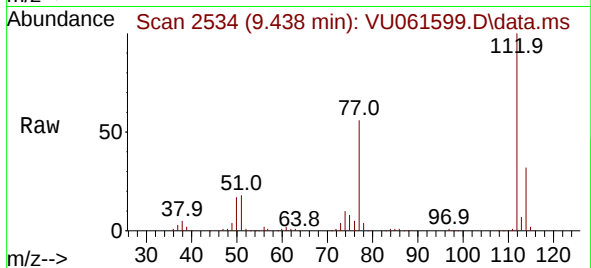
ClientSampleId :

Tgt Ion:112 Resp: 409498

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 11.794 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

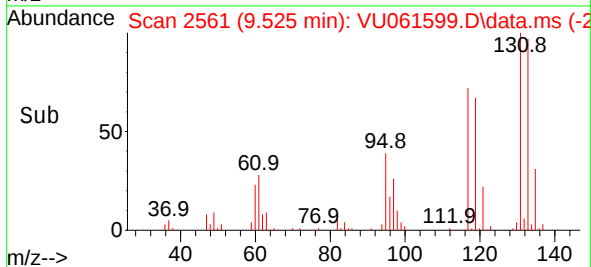
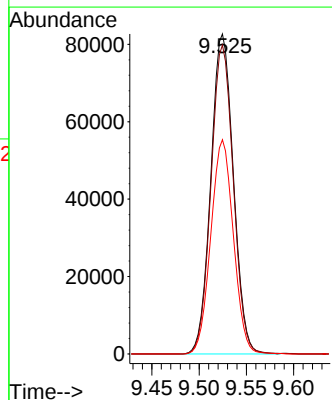
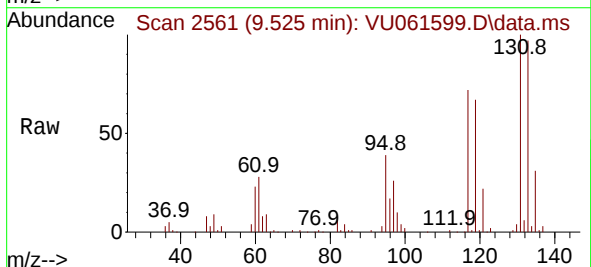
Tgt Ion:131 Resp: 137519

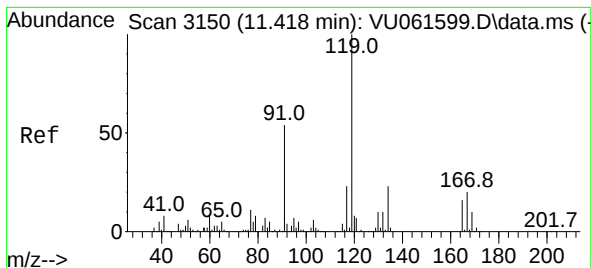
Ion Ratio Lower Upper

131 100

133 95.5 76.4 114.6

119 66.9 53.5 80.3

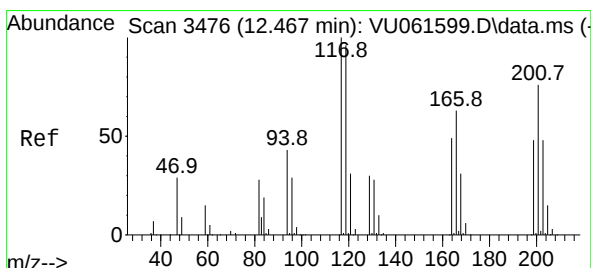
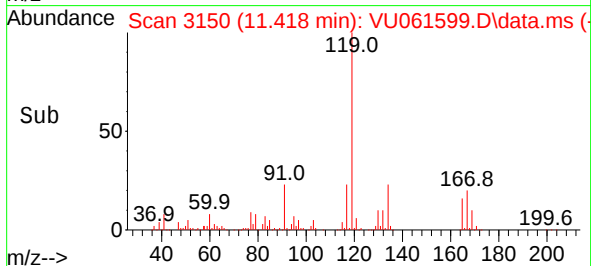
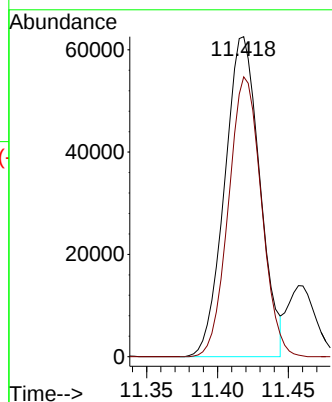
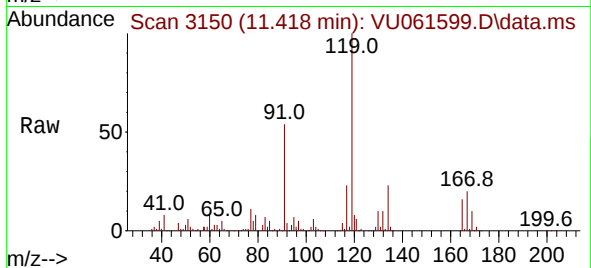




#61
Pentachloroethane
Concen: 12.329 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

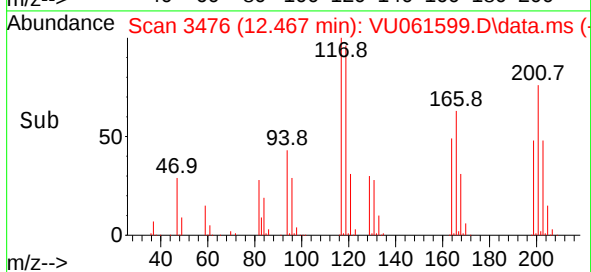
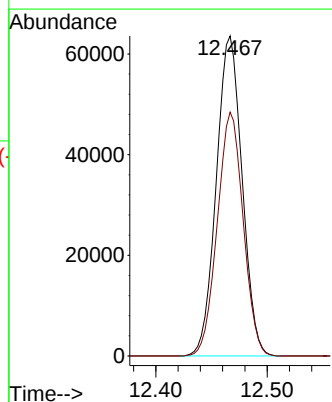
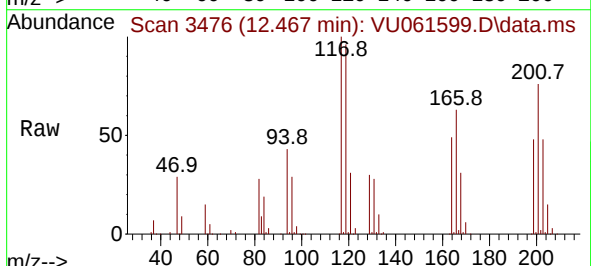
Instrument :
MSVOA_U
ClientSampleId :

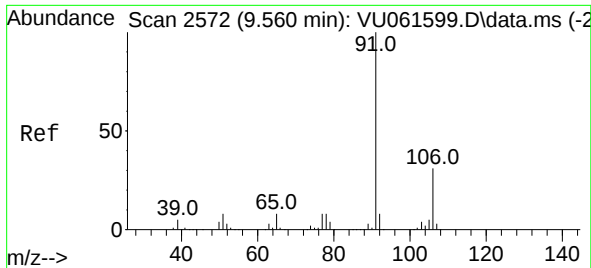
Tgt Ion:117 Resp: 108161
Ion Ratio Lower Upper
117 100
167 81.7 65.4 98.0



#62
Hexachloroethane
Concen: 10.672 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion:117 Resp: 102452
Ion Ratio Lower Upper
117 100
201 76.3 61.0 91.6





#63

Ethyl Benzene

Concen: 11.865 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

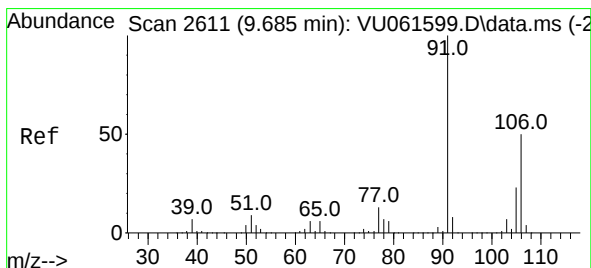
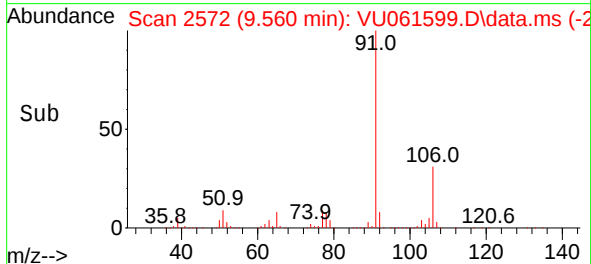
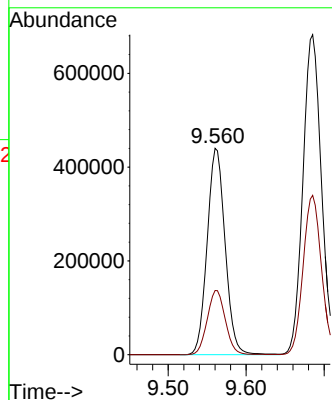
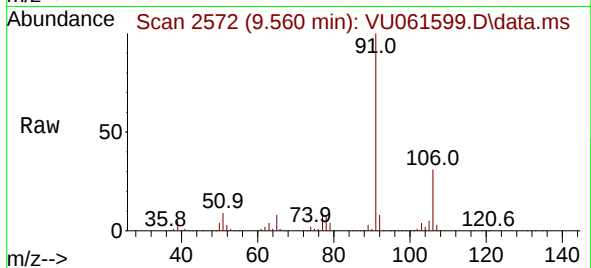
ClientSampleId :

Tgt Ion: 91 Resp: 705700

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#64

m/p-Xylenes

Concen: 24.491 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU061599.D

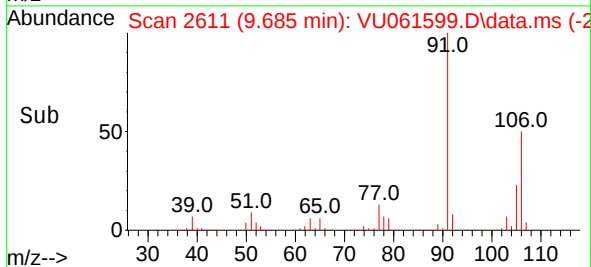
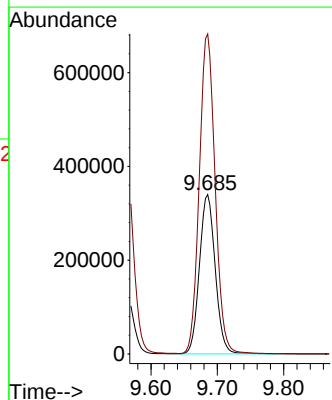
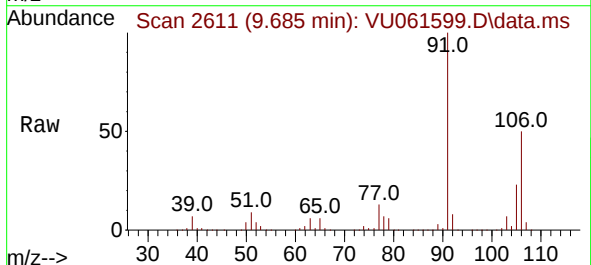
Acq: 12 Nov 2024 10:46

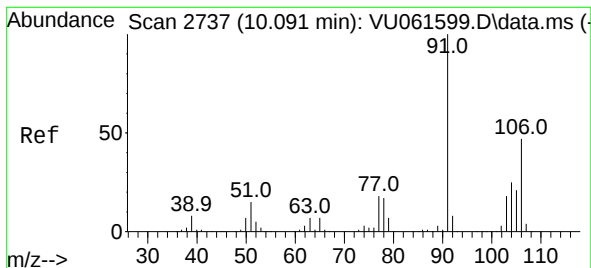
Tgt Ion:106 Resp: 560984

Ion Ratio Lower Upper

106 100

91 201.6 161.3 241.9

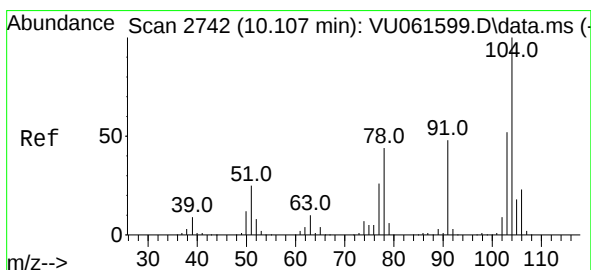
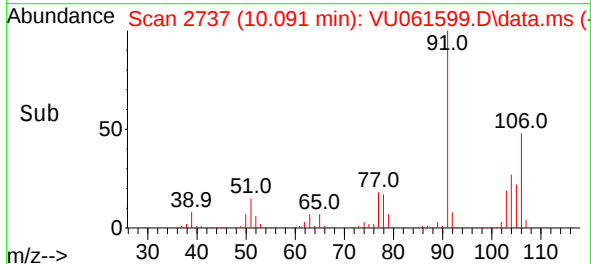
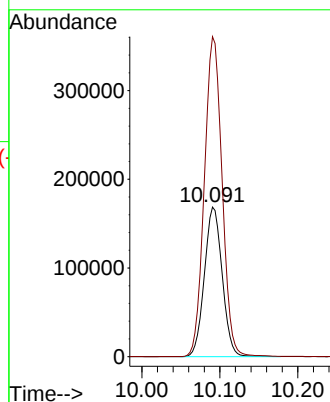
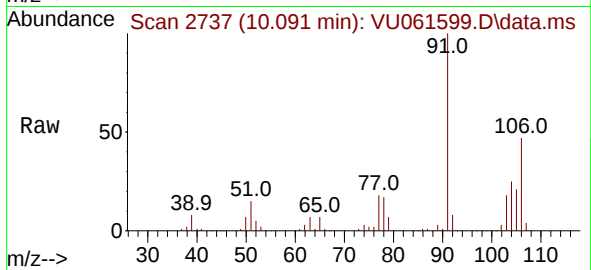




#65
o-Xylene
Concen: 11.985 ug/l
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

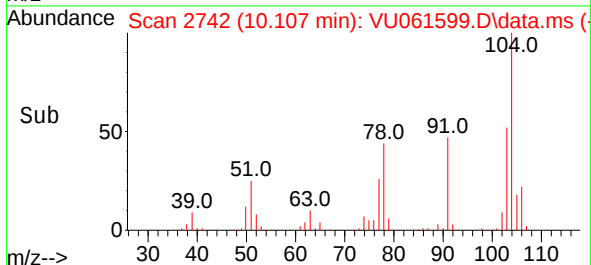
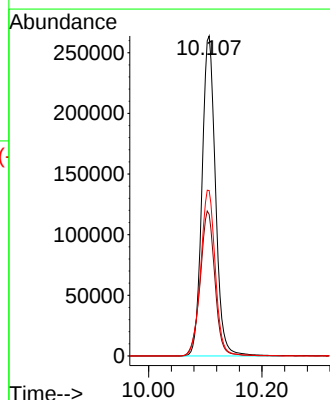
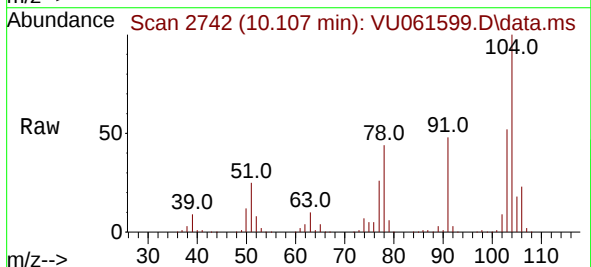
Instrument :
MSVOA_U
ClientSampleId :

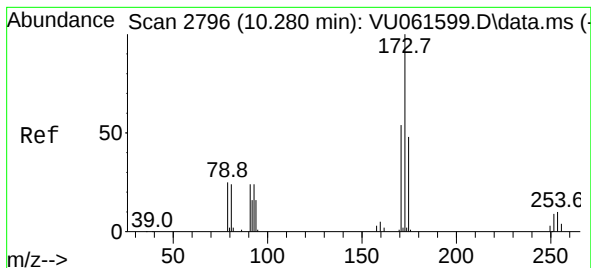
Tgt Ion:106 Resp: 267690
Ion Ratio Lower Upper
106 100
91 213.4 106.7 320.1



#66
Styrene
Concen: 10.704 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion:104 Resp: 437096
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 56.1 44.9 67.3





#67

Bromoform

Concen: 12.391 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU061599.D

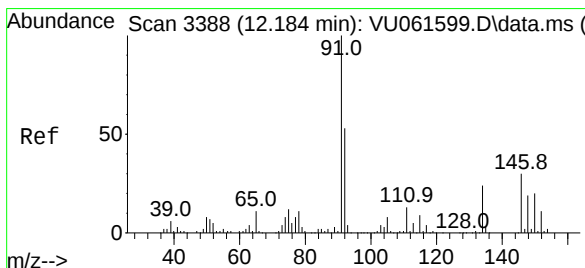
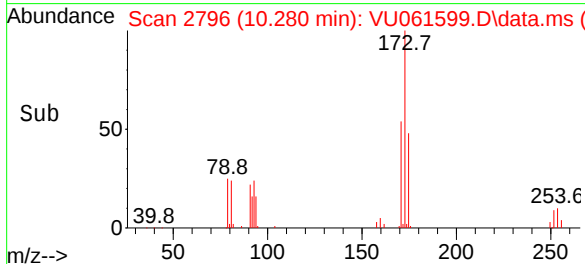
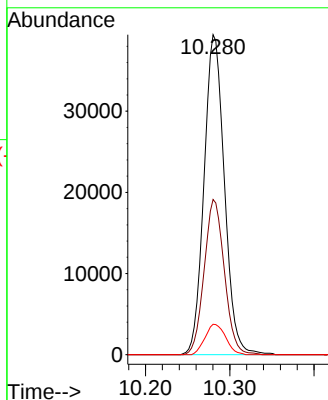
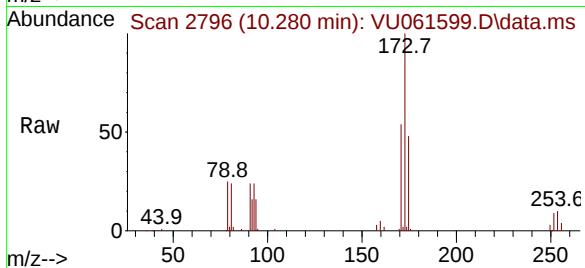
Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	66422
Ion Ratio	Lower	Upper	
173	100		
175	48.0	38.4	57.6
254	9.6	7.7	11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.100 ug/l

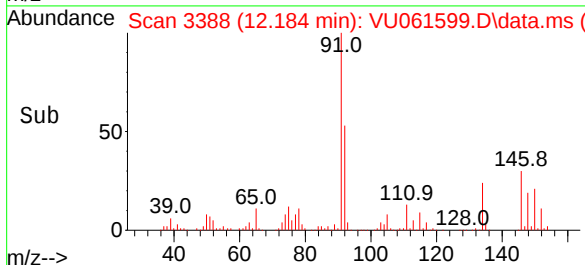
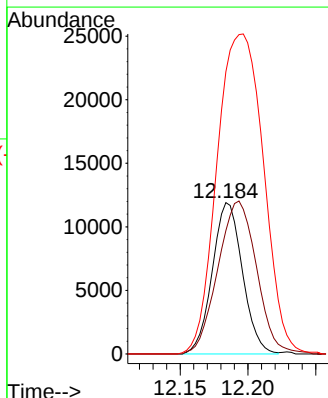
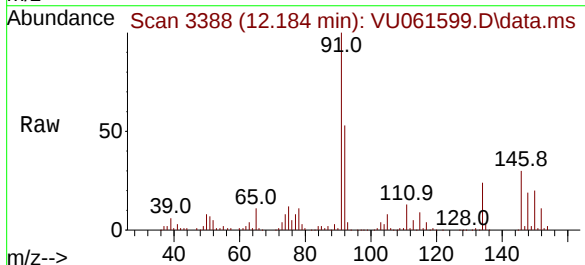
RT: 12.184 min Scan# 3388

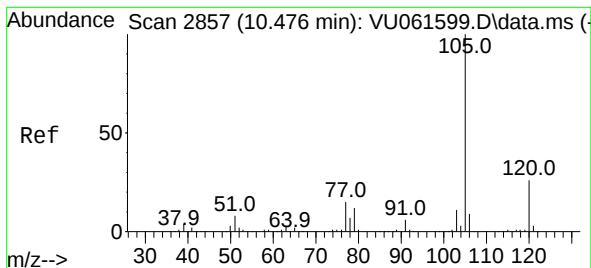
Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Tgt Ion:	152	Resp:	18442
Ion Ratio	Lower	Upper	
152	100		
115	129.5	0.0	259.0
150	325.1	0.0	650.2





#69

Isopropylbenzene

Concen: 12.184 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

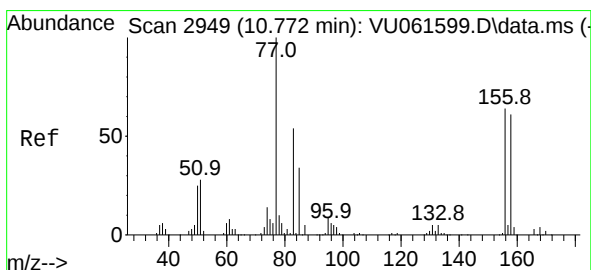
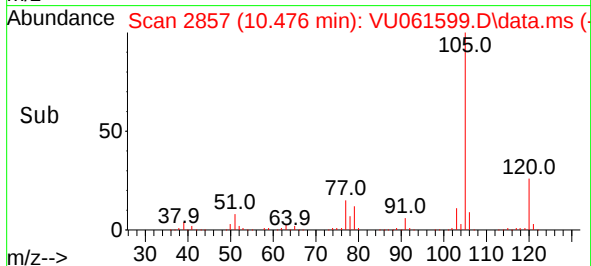
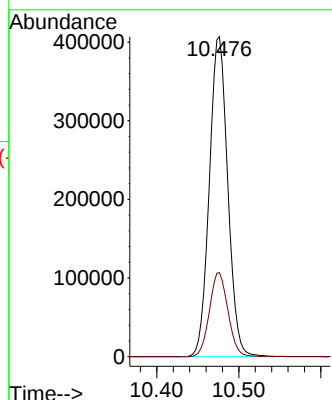
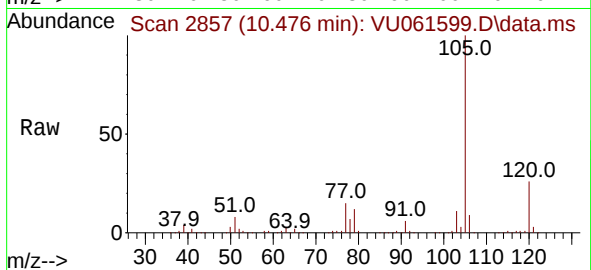
ClientSampleId :

Tgt Ion:105 Resp: 636511

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#70

1,1,2,2-Tetrachloroethane

Concen: 11.360 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

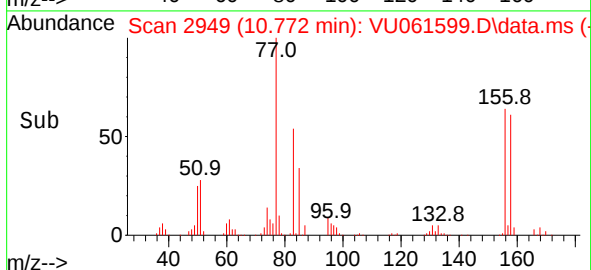
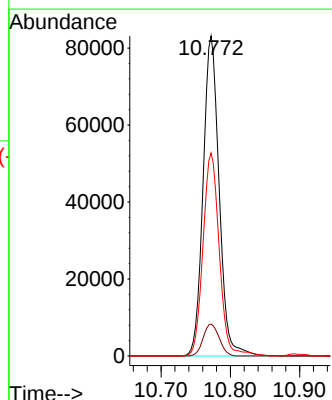
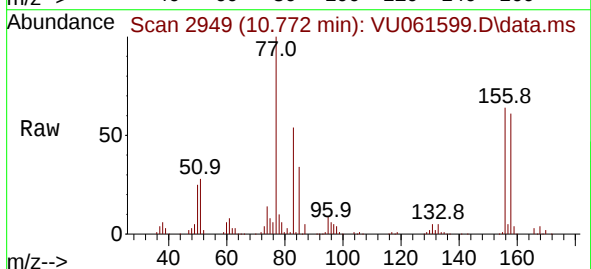
Tgt Ion: 83 Resp: 133521

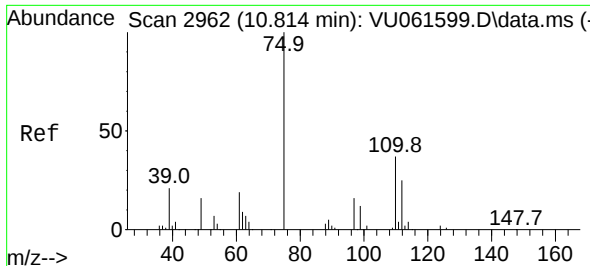
Ion Ratio Lower Upper

83 100

131 9.9 7.9 11.9

85 64.3 51.4 77.2



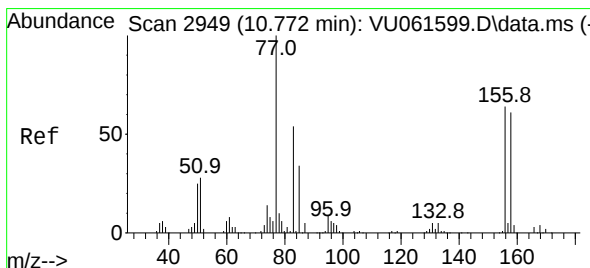
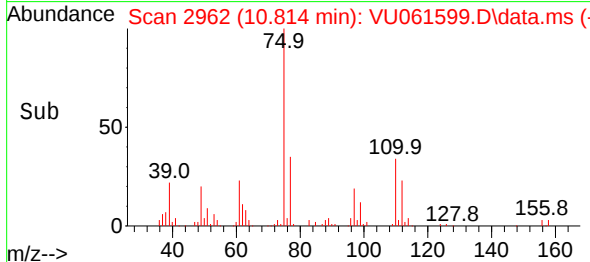
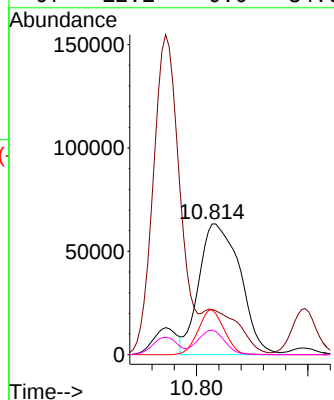
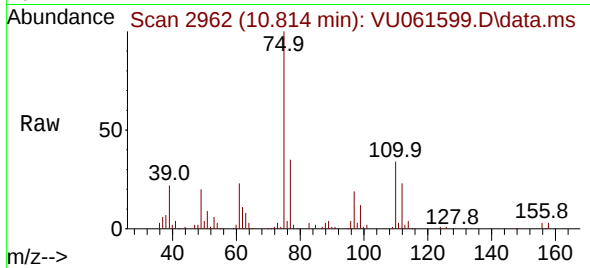


#71
1,2,3-Trichloropropane
Concen: 17.007 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 162903

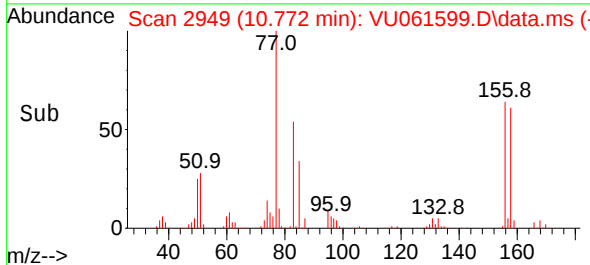
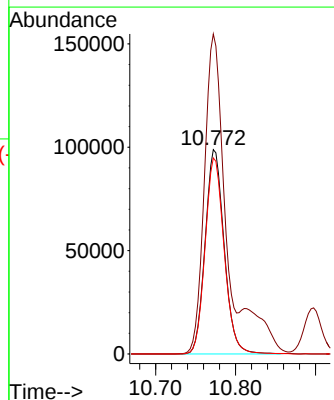
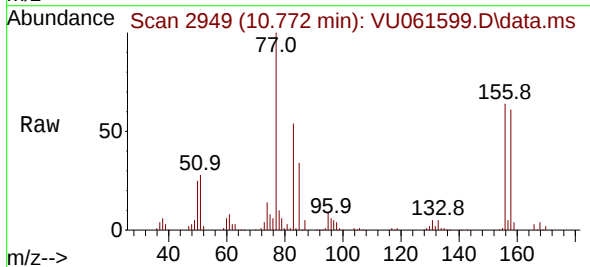
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	21.6	0.0	61.6
97	12.1	0.0	34.6

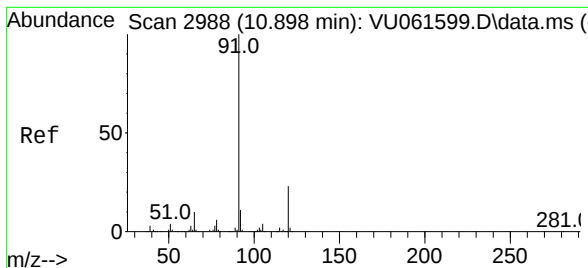


#72
Bromobenzene
Concen: 11.809 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion: 156 Resp: 163565

Ion	Ratio	Lower	Upper
156	100		
77	156.5	0.0	313.0
158	96.6	0.0	193.2





#73

n-propylbenzene

Concen: 12.418 ug/l

RT: 10.898 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

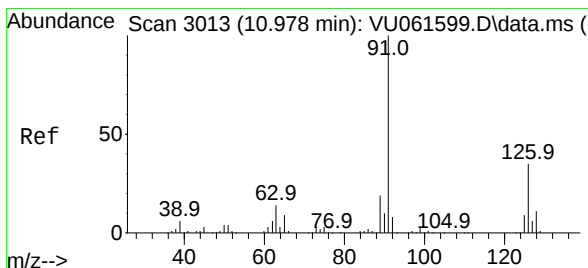
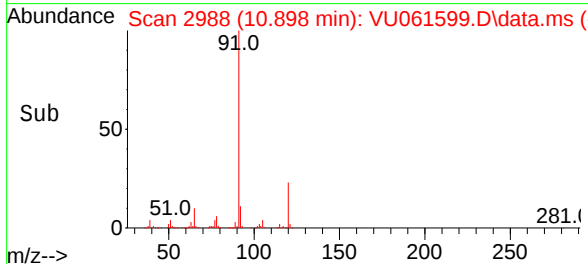
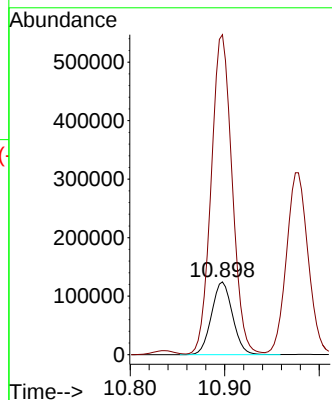
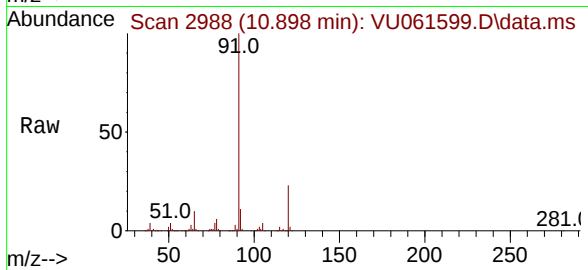
ClientSampleId :

Tgt Ion:120 Resp: 191792

Ion Ratio Lower Upper

120 100

91 437.7 350.2 525.2



#74

2-Chlorotoluene

Concen: 12.166 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU061599.D

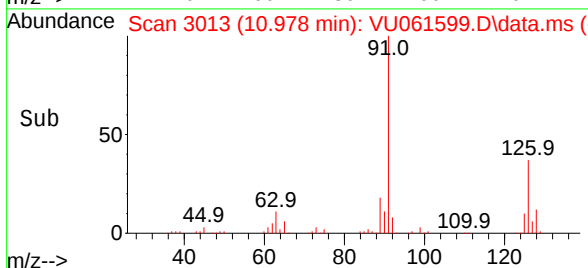
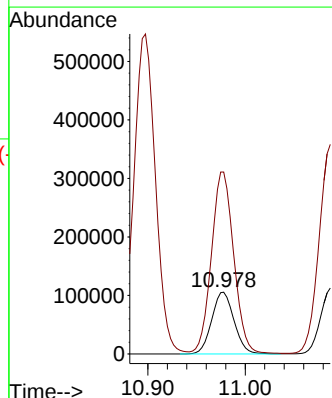
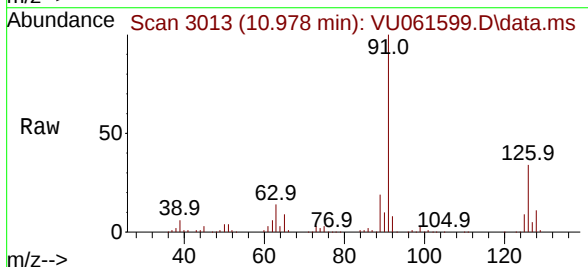
Acq: 12 Nov 2024 10:46

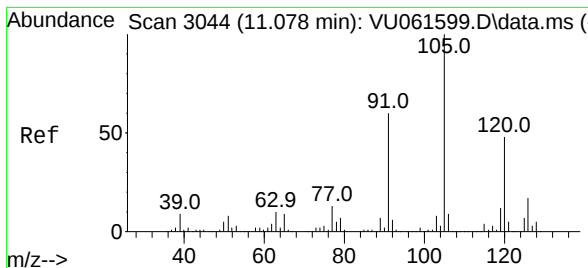
Tgt Ion:126 Resp: 167636

Ion Ratio Lower Upper

126 100

91 293.8 0.0 587.6





#75

1,3,5-Trimethylbenzene

Concen: 12.524 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

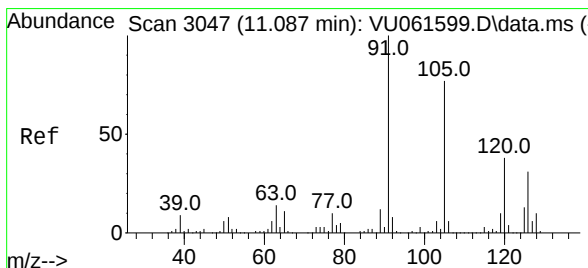
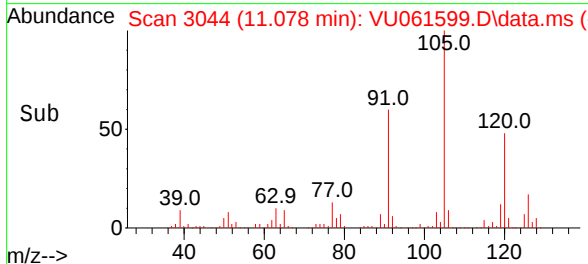
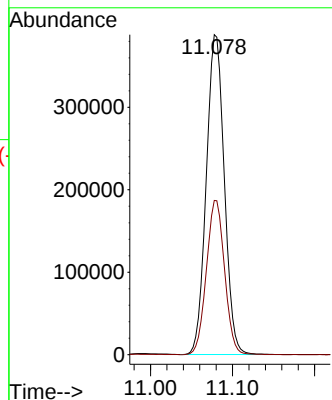
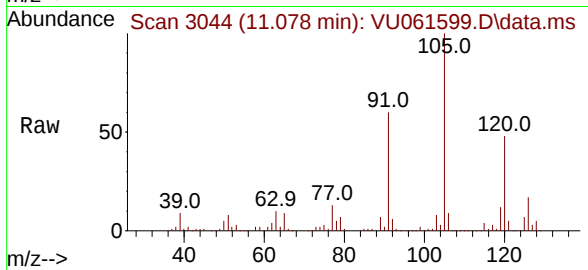
ClientSampleId :

Tgt Ion:105 Resp: 592328

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2



#76

4-Chlorotoluene

Concen: 12.523 ug/l

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU061599.D

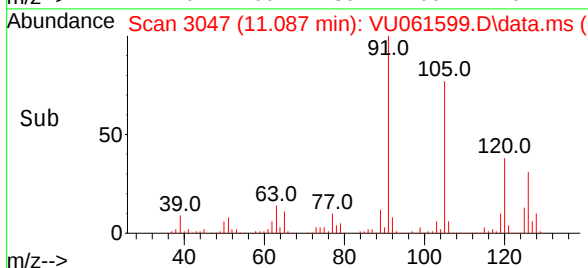
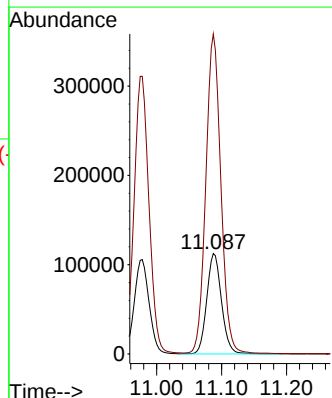
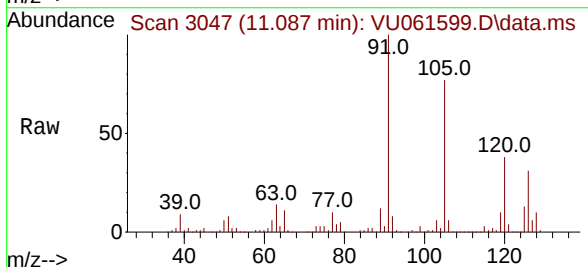
Acq: 12 Nov 2024 10:46

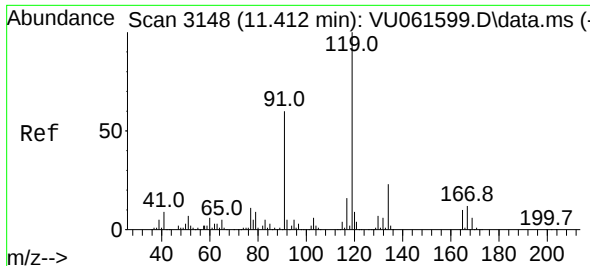
Tgt Ion:126 Resp: 177494

Ion Ratio Lower Upper

126 100

91 325.2 0.0 650.4

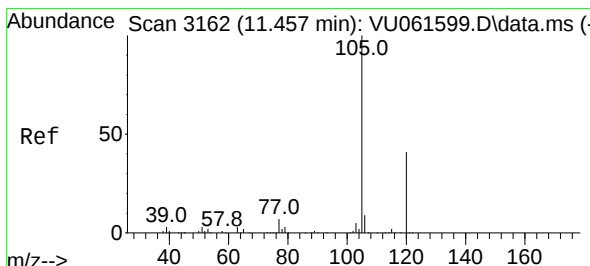
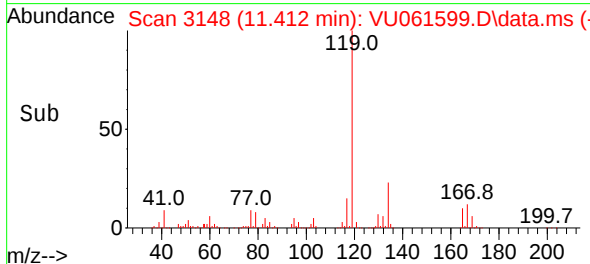
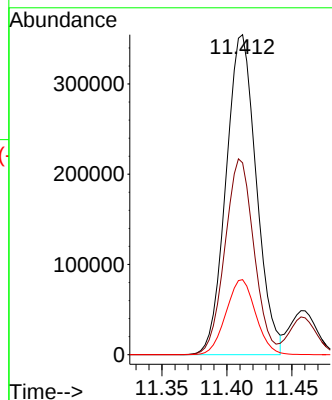
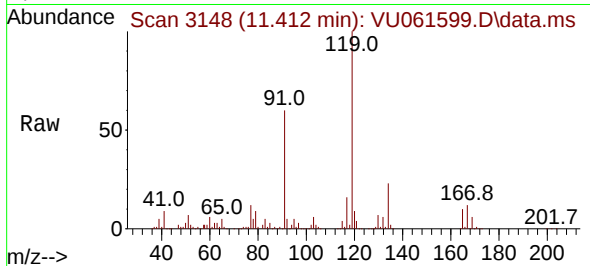




#77
tert-Butylbenzene
Concen: 12.487 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

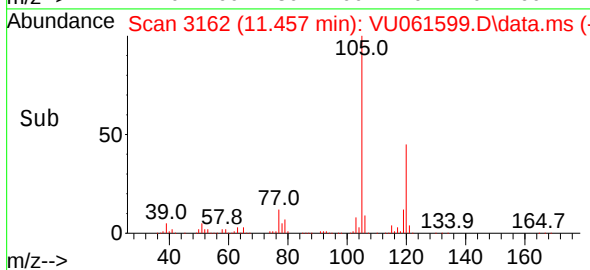
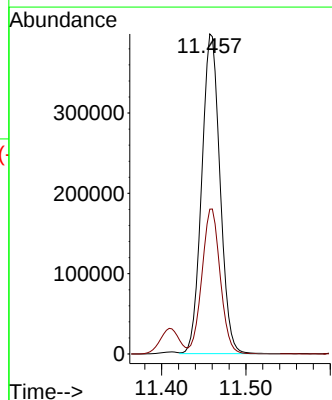
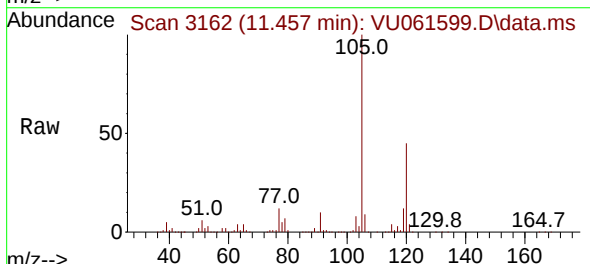
Instrument :
MSVOA_U
ClientSampleId :

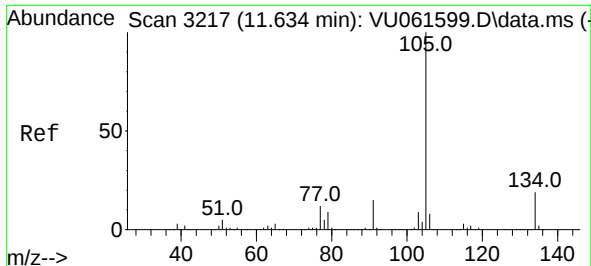
Tgt Ion:119 Resp: 576541
Ion Ratio Lower Upper
119 100
91 58.4 29.2 87.6
134 23.0 18.4 27.6



#78
1,2,4-Trimethylbenzene
Concen: 10.837 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU061599.D
Acq: 12 Nov 2024 10:46

Tgt Ion:105 Resp: 601779
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.0





#79

sec-Butylbenzene

Concen: 12.398 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

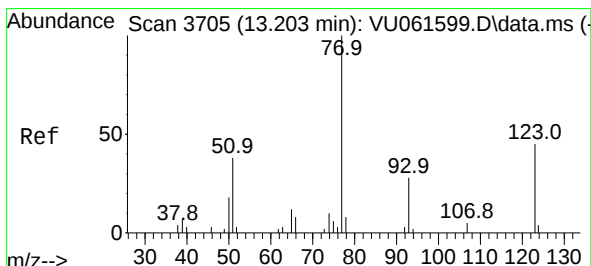
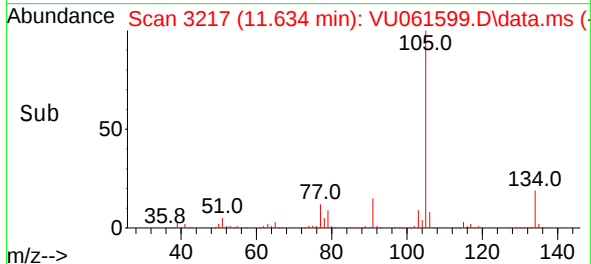
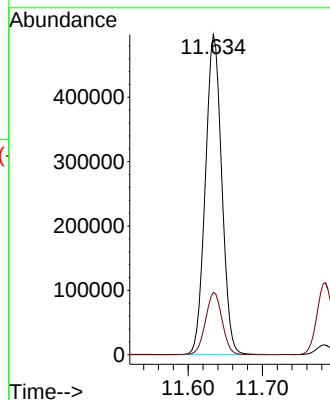
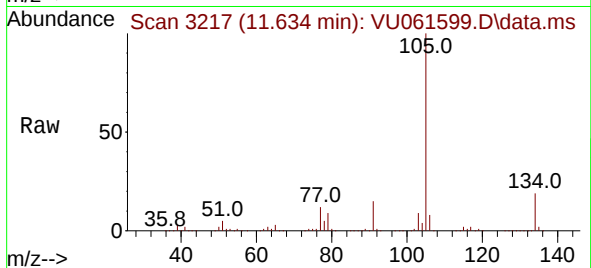
ClientSampleId :

Tgt Ion:105 Resp: 758843

Ion Ratio Lower Upper

105 100

134 19.8 15.8 23.8



#80

Nitrobenzene

Concen: 48.930 ug/l

RT: 13.203 min Scan# 3705

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

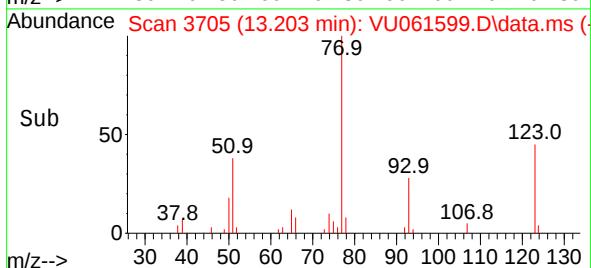
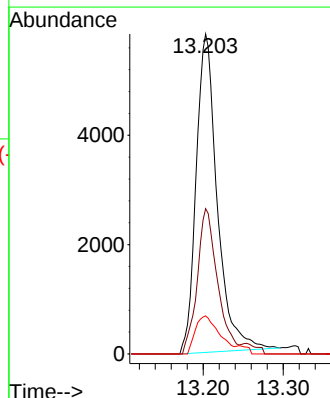
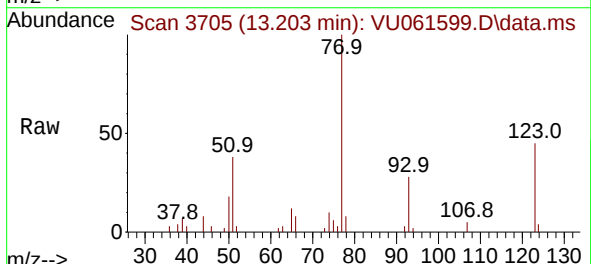
Tgt Ion: 77 Resp: 10705

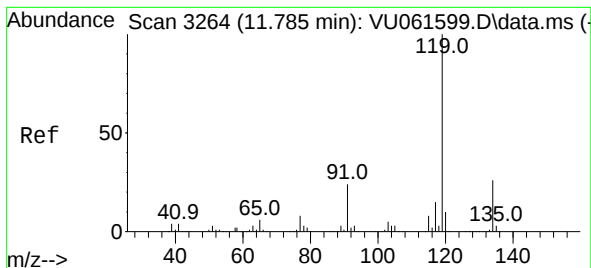
Ion Ratio Lower Upper

77 100

123 40.6 16.9 60.1

65 11.2 9.4 12.0





#81

p-Isopropyltoluene

Concen: 10.874 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

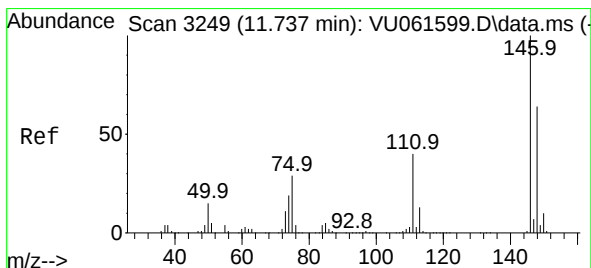
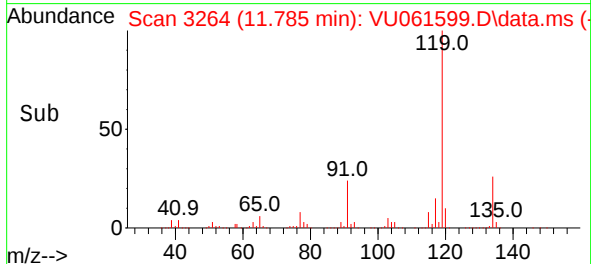
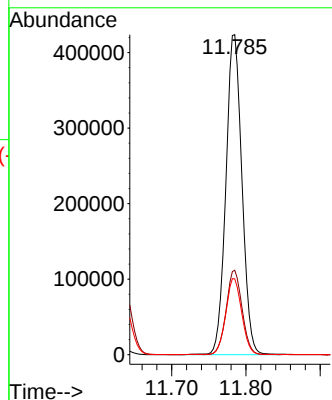
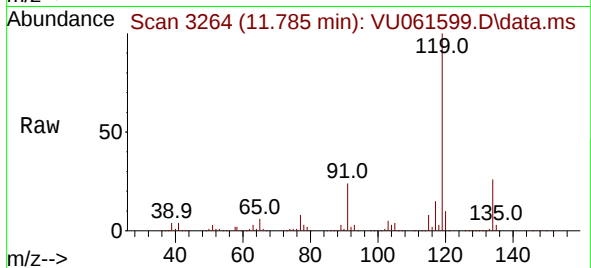
Tgt Ion:119 Resp: 637166

Ion Ratio Lower Upper

119 100

134 26.1 20.9 31.3

91 23.5 18.8 28.2



#82

1,3-Dichlorobenzene

Concen: 12.101 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

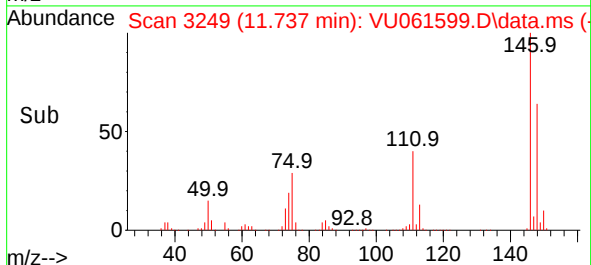
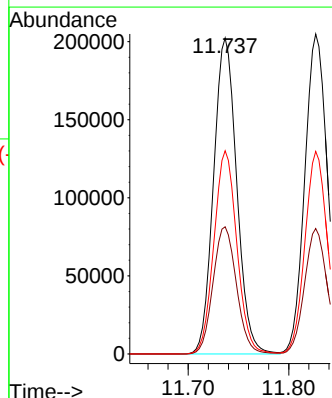
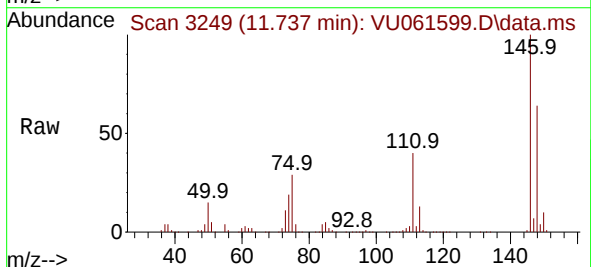
Tgt Ion:146 Resp: 324178

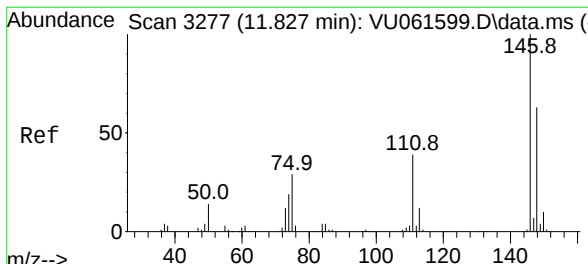
Ion Ratio Lower Upper

146 100

111 40.8 32.6 49.0

148 63.7 51.0 76.4



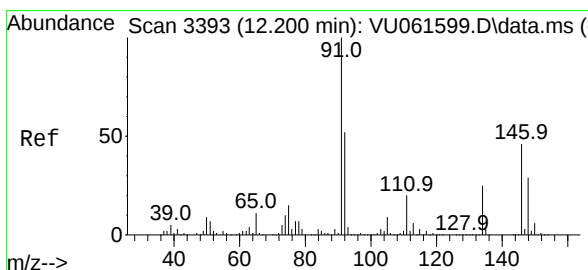
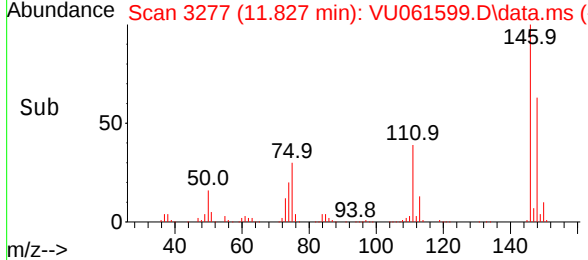
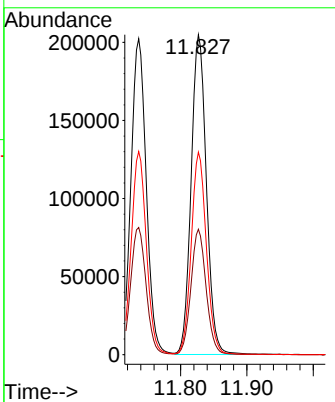
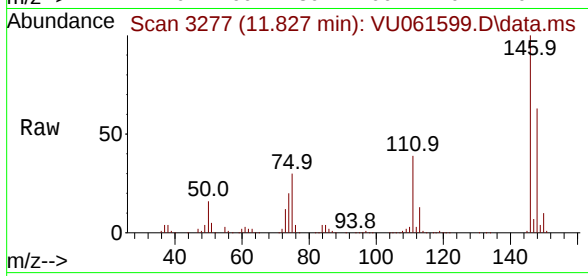


#83
 1,4-Dichlorobenzene
 Concen: 12.194 ug/l
 RT: 11.827 min Scan# 3277
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:146 Resp: 327001

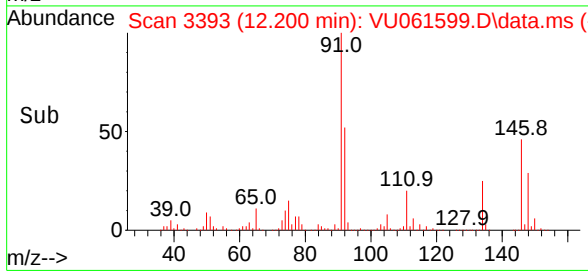
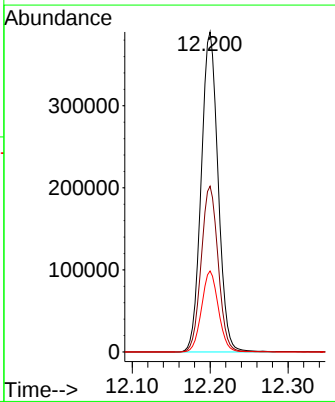
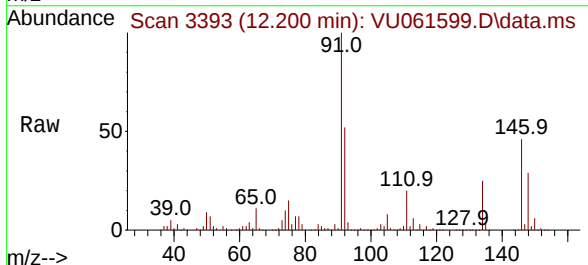
Ion	Ratio	Lower	Upper
146	100		
111	39.0	31.2	46.8
148	62.7	50.2	75.2

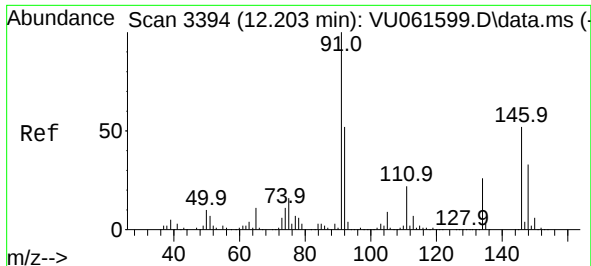


#84
 n-Butylbenzene
 Concen: 10.849 ug/l
 RT: 12.200 min Scan# 3393
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

Tgt Ion: 91 Resp: 585297

Ion	Ratio	Lower	Upper
91	100		
92	52.2	41.8	62.6
134	25.3	20.2	30.4





#85

1,2-Dichlorobenzene

Concen: 11.927 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

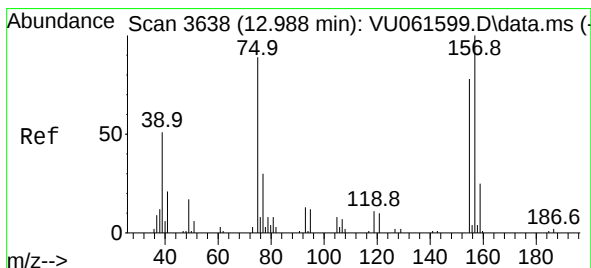
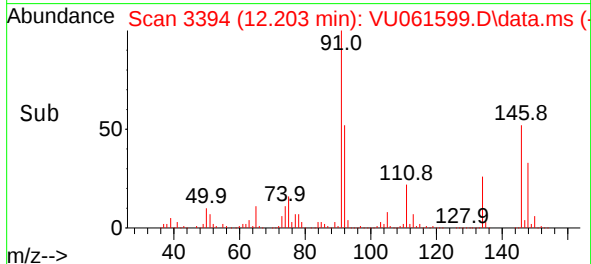
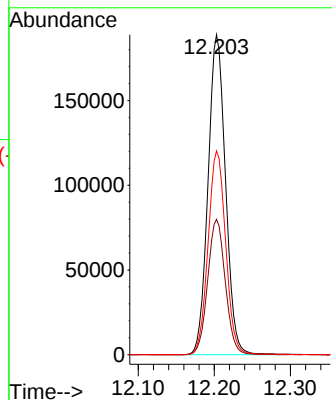
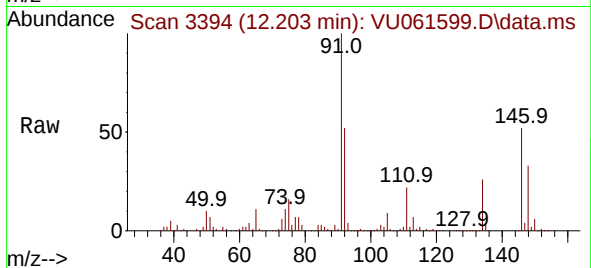
Tgt Ion:146 Resp: 301571

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

148 64.1 32.0 96.2



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.477 ug/l

RT: 12.988 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

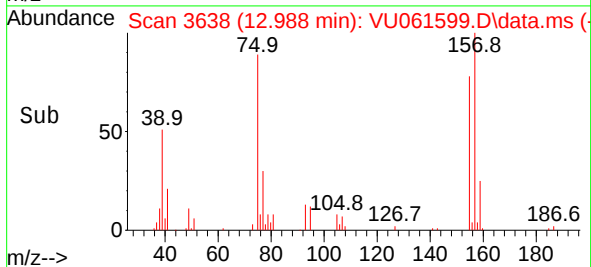
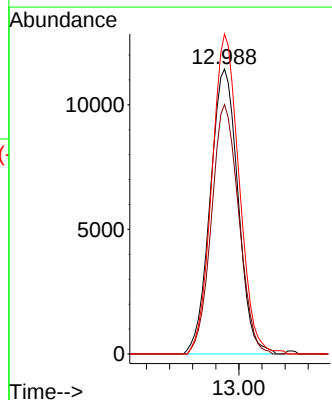
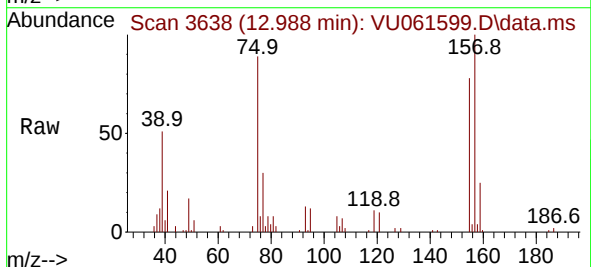
Tgt Ion: 75 Resp: 19103

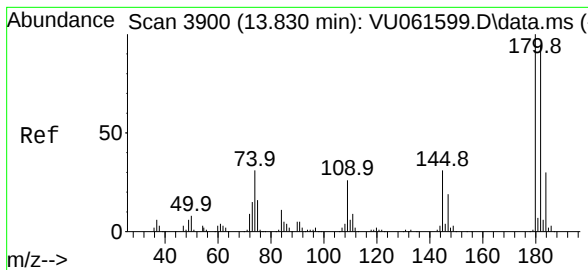
Ion Ratio Lower Upper

75 100

155 86.0 68.8 103.2

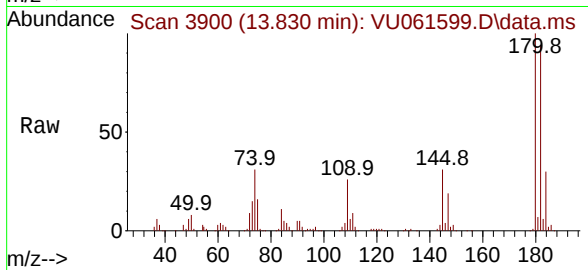
157 110.3 88.2 132.4



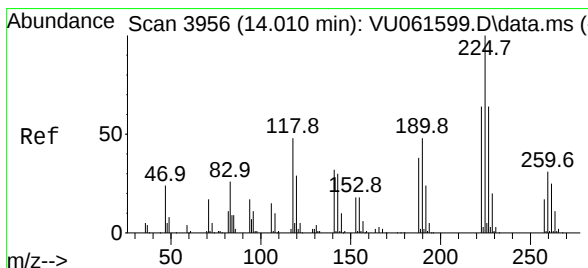
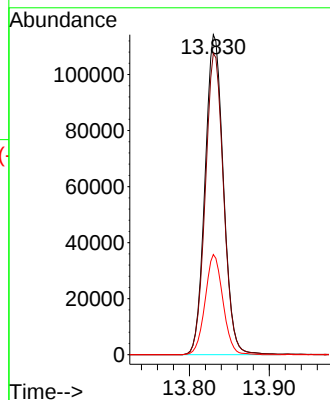
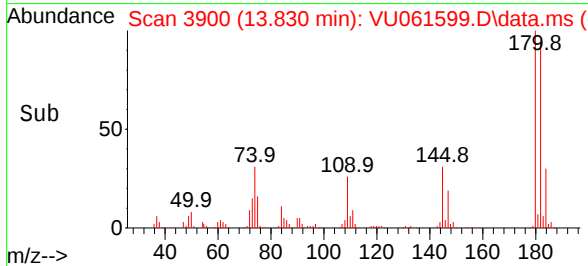


#87
 1,2,4-Trichlorobenzene
 Concen: 10.446 ug/l
 RT: 13.830 min Scan# 3900
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46

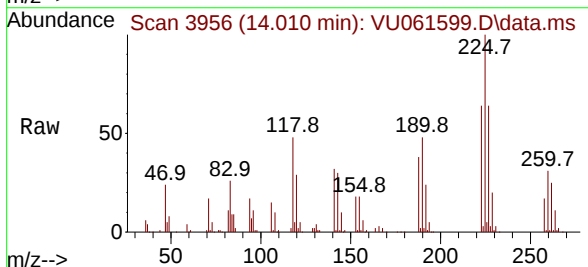
Instrument :
 MSVOA_U
 ClientSampleId :



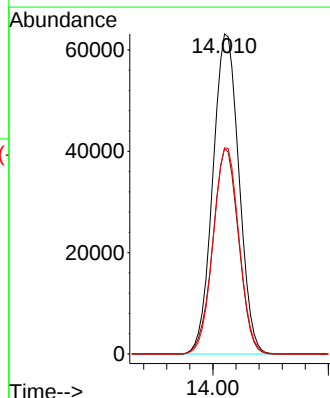
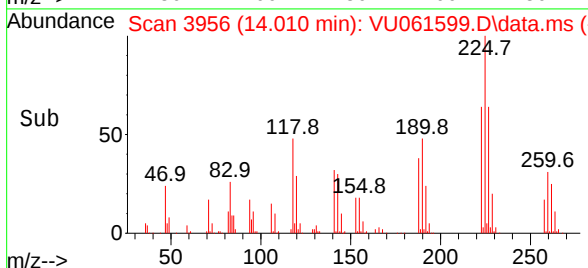
Tgt Ion:180 Resp: 182547
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.3 112.9
 145 30.4 24.3 36.5

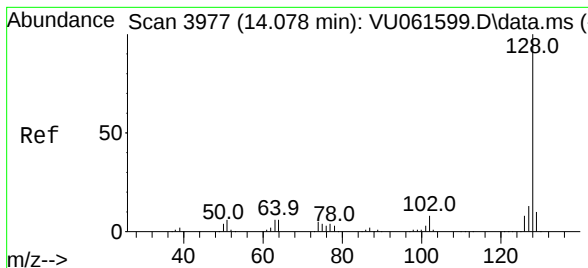


#88
 Hexachlorobutadiene
 Concen: 11.742 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. 0.000 min
 Lab File: VU061599.D
 Acq: 12 Nov 2024 10:46



Tgt Ion:225 Resp: 99148
 Ion Ratio Lower Upper
 225 100
 223 63.5 50.8 76.2
 227 64.0 51.2 76.8





#89

Naphthalene

Concen: 10.229 ug/l

RT: 14.078 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Instrument :

MSVOA_U

ClientSampleId :

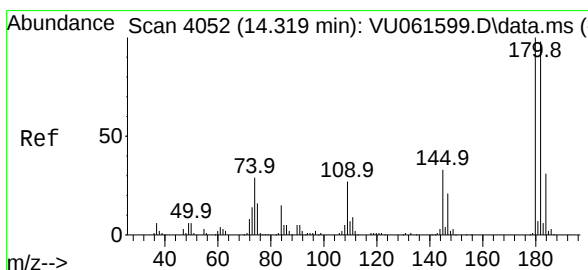
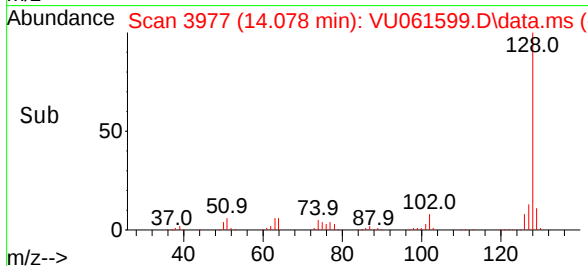
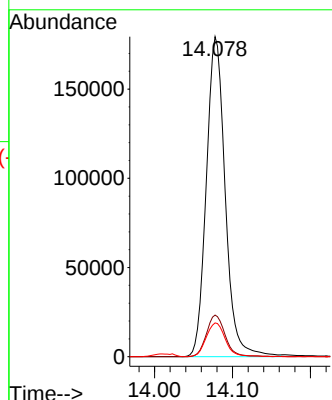
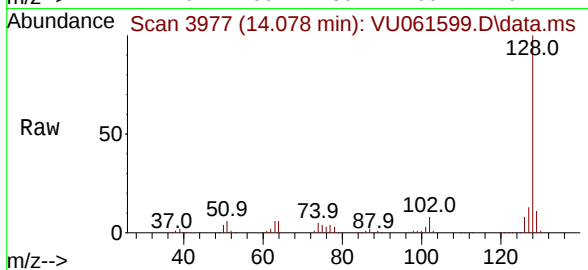
Tgt Ion:128 Resp: 302297

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 10.245 ug/l

RT: 14.319 min Scan# 4052

Delta R.T. 0.000 min

Lab File: VU061599.D

Acq: 12 Nov 2024 10:46

Tgt Ion:180 Resp: 163563

Ion Ratio Lower Upper

180 100

182 97.4 77.9 116.9

145 32.4 25.9 38.9

