

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061611.D
 Acq On : 12 Nov 2024 19:02
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 05:11:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 05:00:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	47913	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	16344	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	17995	1.087	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	125267	10.171	ug/l	99
3) Chloromethane	1.515	50	122555	10.405	ug/l	100
4) Vinyl Chloride	1.599	62	137147	10.348	ug/l	99
5) Bromomethane	1.853	94	89934	10.748	ug/l	99
6) Chloroethane	1.930	64	105180	9.813	ug/l	99
7) Trichlorofluoromethane	2.132	101	196425	10.355	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	104303	10.273	ug/l	99
9) 1,1-Dichloroethene	2.573	96	111653	10.497	ug/l	100
10) Iodomethane	2.714	142	120077	9.572	ug/l	100
11) Allyl Chloride	2.917	41	129955	10.558	ug/l	97
12) Acrylonitrile	3.316	53	47057	22.369	ug/l	97
13) Acetone	2.640	43	118402	40.324	ug/l	99
14) Carbon Disulfide	2.785	76	348732	10.147	ug/l	100
15) Methylene Chloride	3.036	84	136987	10.663	ug/l	98
16) trans-1,2-Dichloroethene	3.345	96	130485	10.560	ug/l	96
17) 1,1-Dichloroethane	3.856	63	234030	10.620	ug/l	99
18) 2-Butanone	4.701	43	161670	47.478	ug/l	99
19) Cyclohexane	5.380	56	159195	8.905	ug/l	87
20) Methylcyclohexane	6.753	83	208750	10.413	ug/l	99
21) 2,2-Dichloropropane	4.653	77	180361	10.177	ug/l	99
22) cis-1,2-Dichloroethene	4.656	96	146114	10.839	ug/l	99
23) Diethyl Ether	2.370	59	86093	10.859	ug/l	99
24) tert-Butyl Alcohol	3.242	59	89583	110.794	ug/l	# 86
25) Methyl tert-Butyl Ether	3.354	73	289580	11.105	ug/l	100
26) Bromochloromethane	4.962	128	64763	10.905	ug/l	99
27) Chloroform	5.074	83	253358	10.840	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	210125	10.882	ug/l	100
29) 1,1-Dichloropropene	5.515	75	185420	10.688	ug/l	100
30) Carbon Tetrachloride	5.515	117	178587	10.790	ug/l	100
31) Isopropyl Ether	3.981	45	320418	10.927	ug/l	98
32) Ethyl-t-butyl ether	4.489	59	313500	11.185	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	287505	11.348	ug/l	100
34) Propionitrile	4.782	54	47277	57.821	ug/l	99
35) Benzene	5.763	78	560374	10.837	ug/l	99
36) 1,2-Dichloroethane	5.782	62	158632	11.040	ug/l	100
37) Trichloroethene	6.534	130	146601	10.707	ug/l	99
38) 1,2-Dichloropropane	6.779	63	143542	11.056	ug/l	100
39) Methacrylonitrile	4.962	41	34420	12.137	ug/l	96
40) Methyl acrylate	4.840	55	62810	12.010	ug/l	94
41) Tetrahydrofuran	5.052	42	35028	21.775	ug/l	99
42) 1-Chlorobutane	5.447	56	237968	10.992	ug/l	96
43) Dibromomethane	6.910	93	75723	11.013	ug/l	98
44) Bromodichloromethane	7.097	83	175319	11.291	ug/l	99

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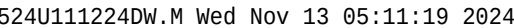
Instrument :
 MSVOA_U
 ClientSampleId :

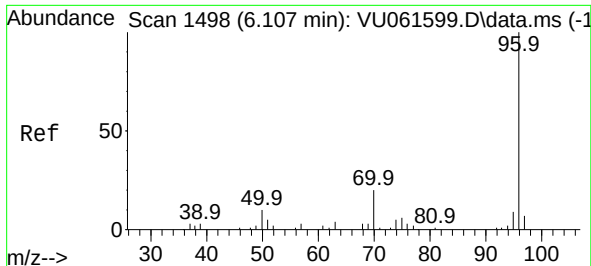
Quant Time: Nov 13 05:11:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 05:00:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	356491	55.737	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	153648	43.895	ug/l #	63
47) Methyl methacrylate	6.952	69	130148	23.849	ug/l	99
48) Ethyl methacrylate	8.325	69	130010	11.720	ug/l	99
49) Toluene	7.959	92	349028	11.053	ug/l	98
50) t-1,3-Dichloropropene	8.200	75	160543	11.555	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	198664	11.146	ug/l	99
52) 1,1,2-Trichloroethane	8.389	97	104030	11.037	ug/l	99
53) 1,3-Dichloropropane	8.566	76	180298	11.208	ug/l	100
54) 2-Hexanone	8.676	43	259384	47.598	ug/l	100
55) Dibromochloromethane	8.801	129	118527	11.617	ug/l	99
56) 1,2-Dibromoethane	8.914	107	99522	11.235	ug/l	99
58) Tetrachloroethene	8.544	164	127241	10.331	ug/l	99
59) Chlorobenzene	9.438	112	385858	11.061	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	132410	11.501	ug/l	99
61) Pentachloroethane	11.418	117	102547	11.838	ug/l	99
62) Hexachloroethane	12.466	117	95189	10.064	ug/l	100
63) Ethyl Benzene	9.560	91	659901	11.236	ug/l	100
64) m/p-Xylenes	9.685	106	523102	23.128	ug/l	100
65) o-Xylene	10.090	106	250179	11.344	ug/l	99
66) Styrene	10.106	104	416699	10.345	ug/l	99
67) Bromoform	10.280	173	63891	12.071	ug/l	99
69) Isopropylbenzene	10.476	105	579067	11.226	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	128886	11.105	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	153648	16.451	ug/l #	86
72) Bromobenzene	10.772	156	154049	11.264	ug/l	100
73) n-propylbenzene	10.897	120	176477	11.572	ug/l	100
74) 2-Chlorotoluene	10.978	126	159144	11.697	ug/l	97
75) 1,3,5-Trimethylbenzene	11.077	105	552246	11.826	ug/l	99
76) 4-Chlorotoluene	11.087	126	163803	11.705	ug/l	99
77) tert-Butylbenzene	11.412	119	527225	11.564	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	561840	10.260	ug/l	99
79) sec-Butylbenzene	11.634	105	691109	11.435	ug/l	100
80) Nitrobenzene	13.200	77	10246	47.567	ug/l #	94
81) p-Isopropyltoluene	11.785	119	583350	10.102	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	302107	11.421	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	301802	11.398	ug/l	98
84) n-Butylbenzene	12.200	91	525485	9.889	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	286820	11.488	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	17540	9.769	ug/l	97
87) 1,2,4-Trichlorobenzene	13.830	180	167293	9.727	ug/l	99
88) Hexachlorobutadiene	14.010	225	91251	10.944	ug/l	99
89) Naphthalene	14.077	128	273289	9.415	ug/l	100
90) 1,2,3-Trichlorobenzene	14.318	180	152220	9.682	ug/l	98

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

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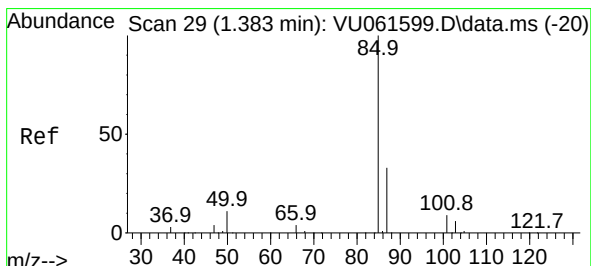
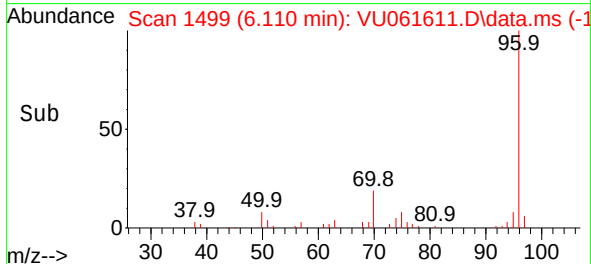
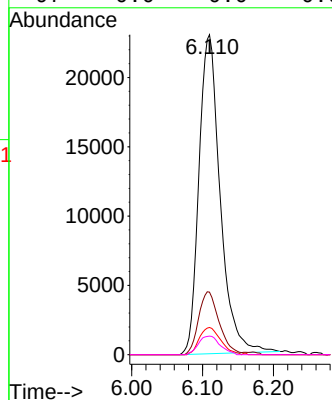
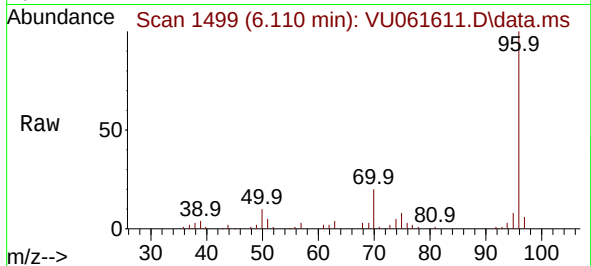




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

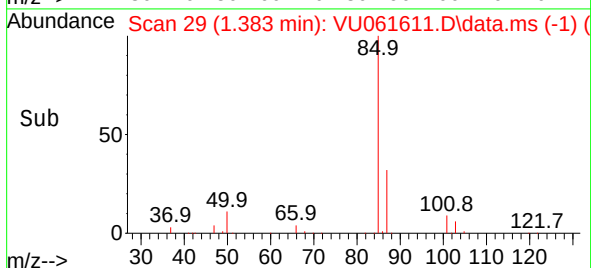
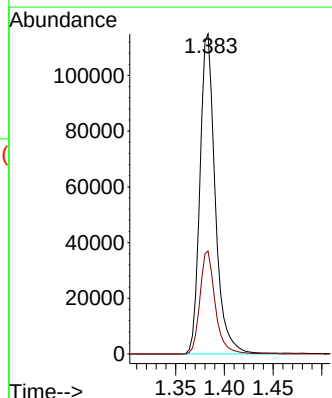
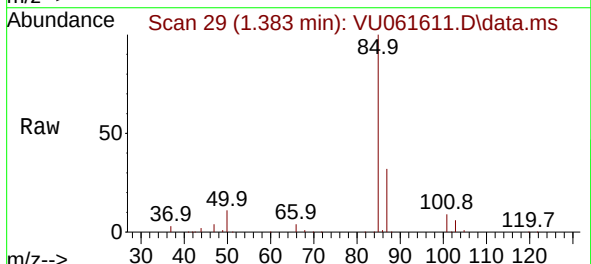
Instrument :
MSVOA_U
ClientSampleId :

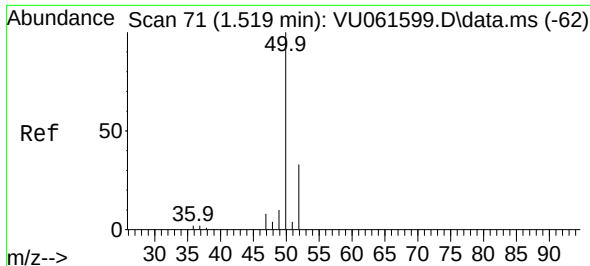
Tgt Ion: 96	Resp: 47913
Ion Ratio	Lower Upper
96 100	
70 18.3	15.8 23.6
95 8.5	7.3 10.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.171 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 85	Resp: 125267
Ion Ratio	Lower Upper
85 100	
87 32.1	16.4 49.2

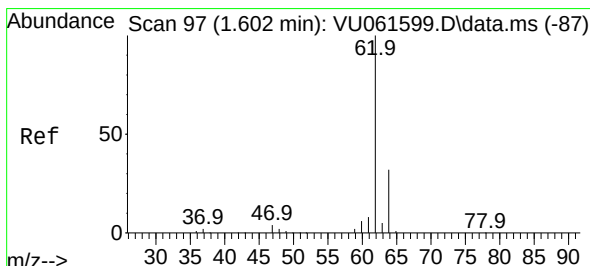
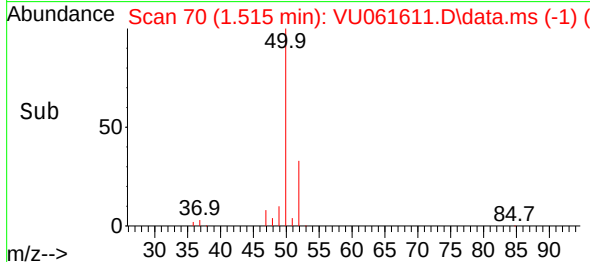
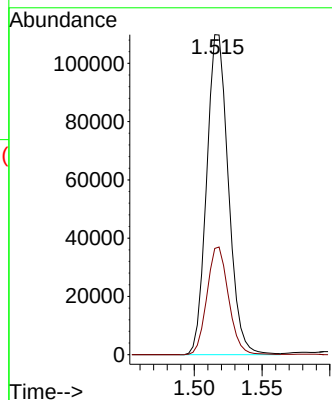
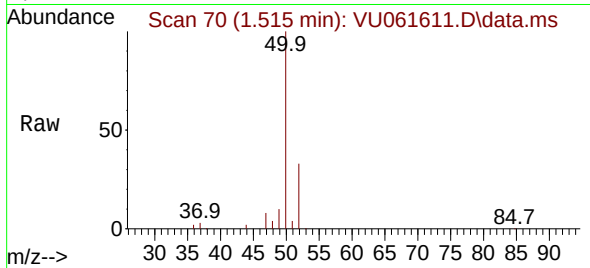




#3
Chloromethane
Concen: 10.405 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

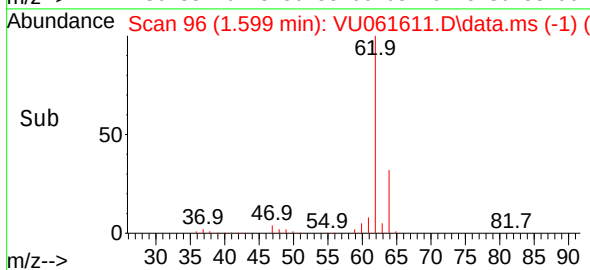
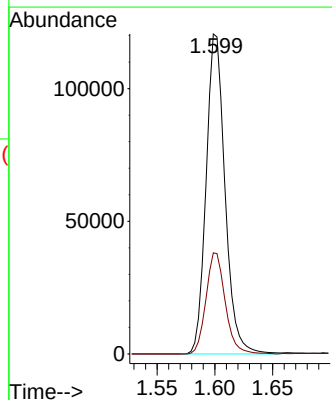
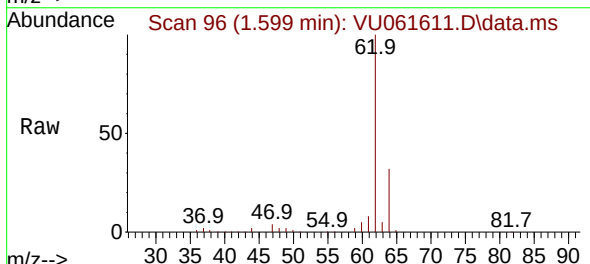
Instrument :
MSVOA_U
ClientSampleId :

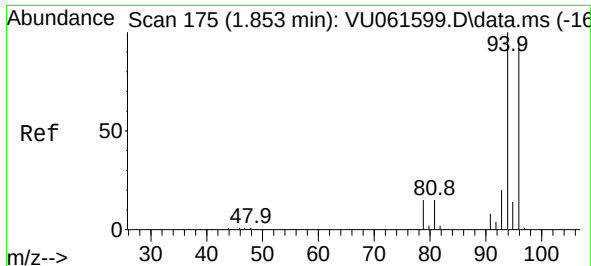
Tgt Ion: 50 Resp: 122555
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2



#4
Vinyl Chloride
Concen: 10.348 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 62 Resp: 137147
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4

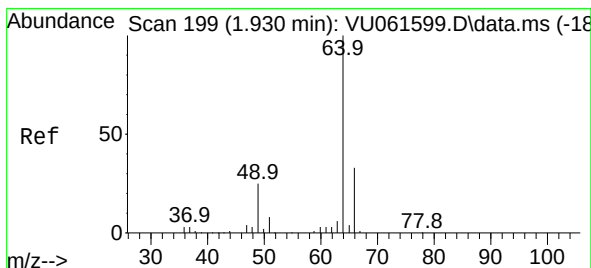
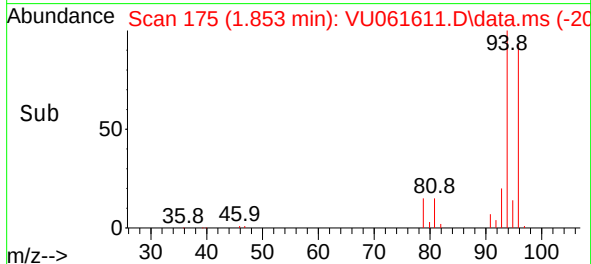
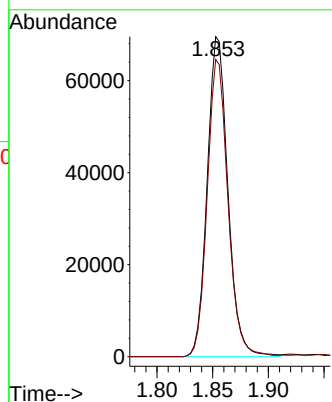
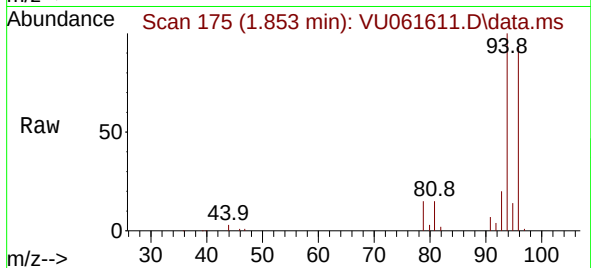




#5
Bromomethane
Concen: 10.748 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

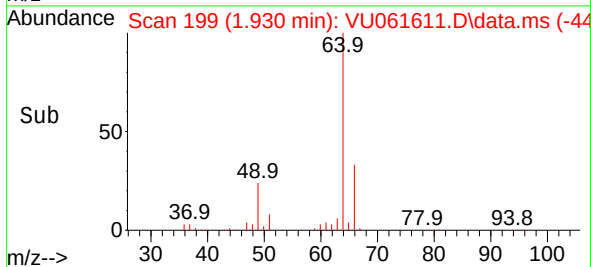
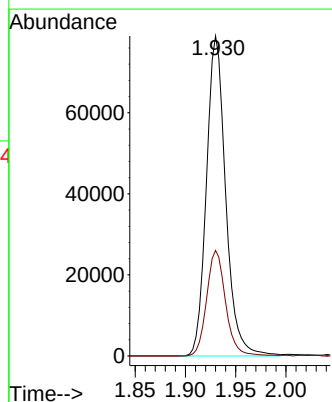
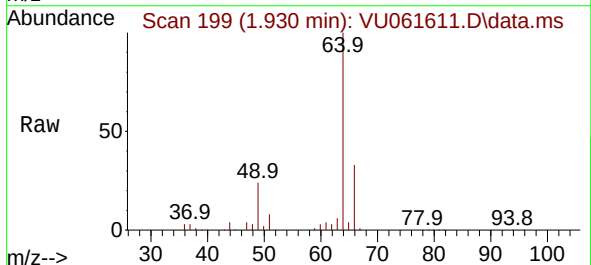
Instrument :
MSVOA_U
ClientSampleId :

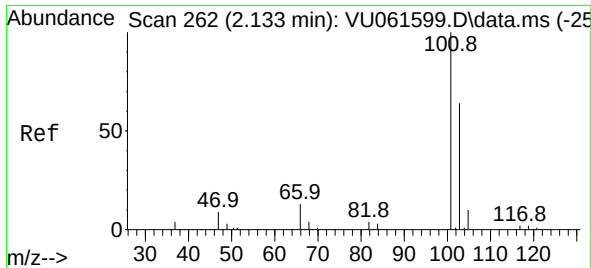
Tgt Ion: 94 Resp: 89934
Ion Ratio Lower Upper
94 100
96 92.9 75.2 112.8



#6
Chloroethane
Concen: 9.813 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 64 Resp: 105180
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.2

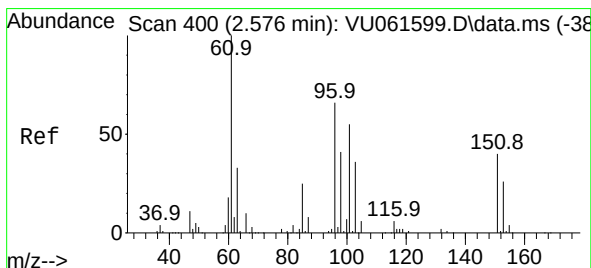
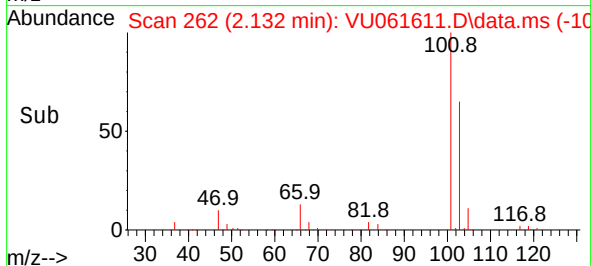
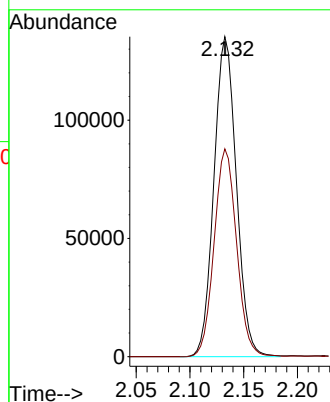
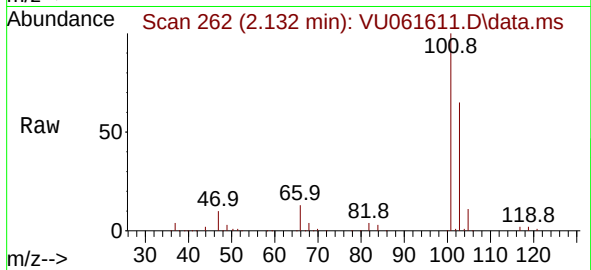




#7
 Trichlorofluoromethane
 Concen: 10.355 ug/l
 RT: 2.132 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

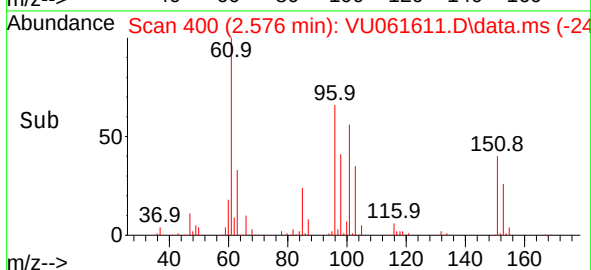
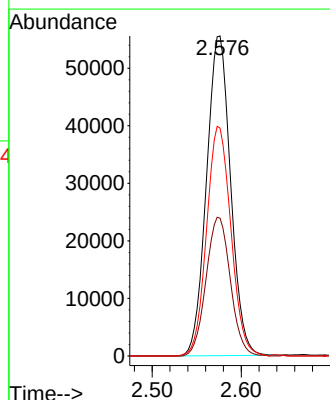
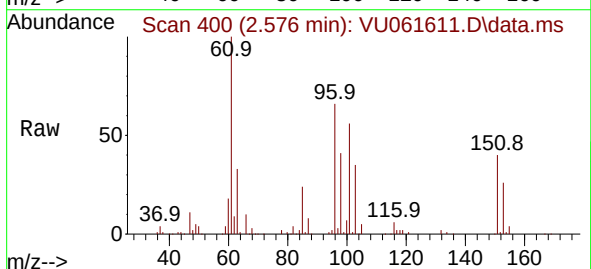
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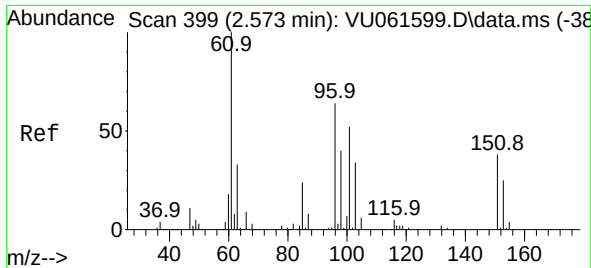
Tgt Ion:101 Resp: 196425
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.273 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

Tgt Ion:101 Resp: 104303
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.0 54.0
 151 72.6 58.6 87.8

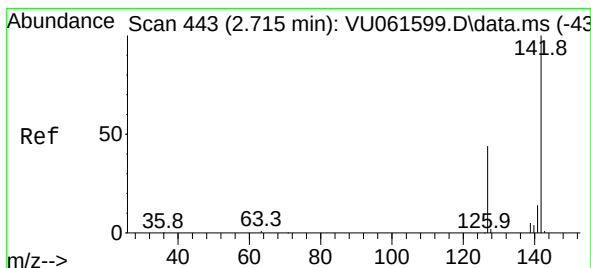
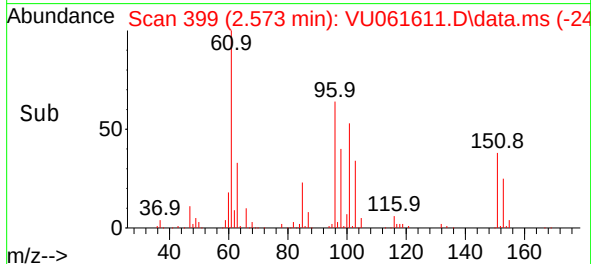
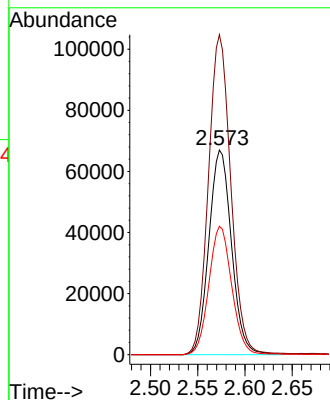
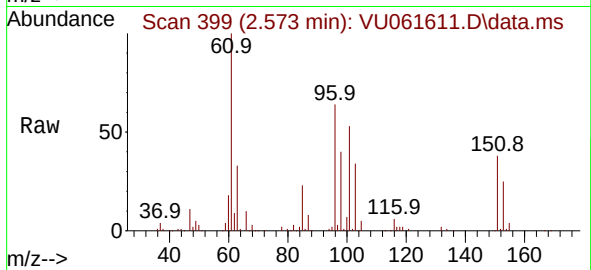




#9
1,1-Dichloroethene
Concen: 10.497 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

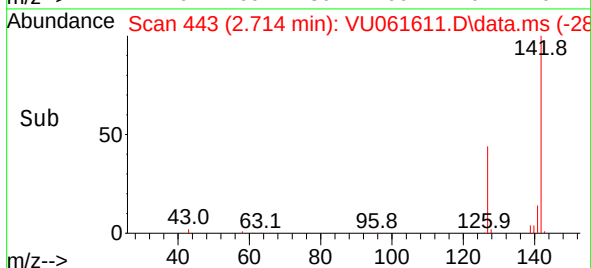
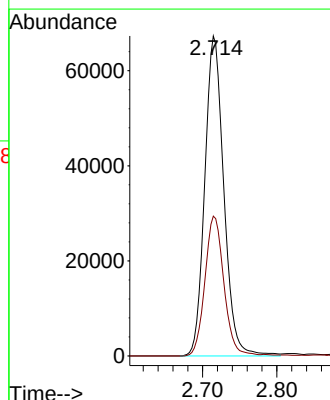
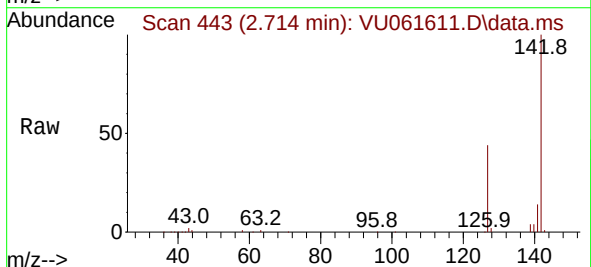
Instrument :
MSVOA_U
ClientSampleId :

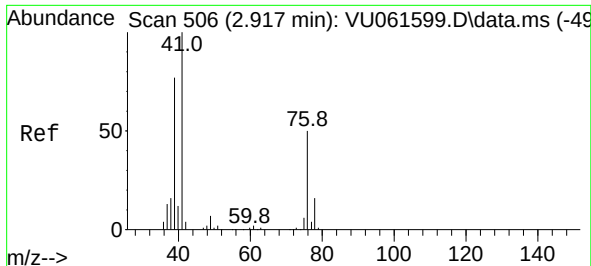
Tgt Ion: 96 Resp: 111653
Ion Ratio Lower Upper
96 100
61 156.3 0.0 467.7
98 62.8 0.0 125.4



#10
Iodomethane
Concen: 9.572 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion:142 Resp: 120077
Ion Ratio Lower Upper
142 100
127 43.4 34.8 52.2





#11

Allyl Chloride

Concen: 10.558 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

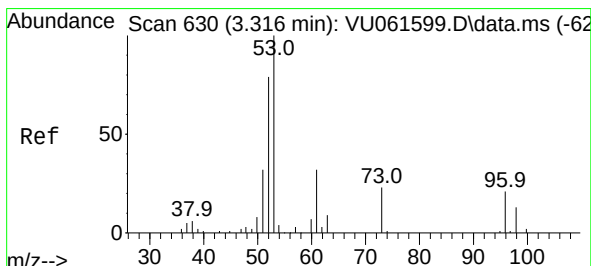
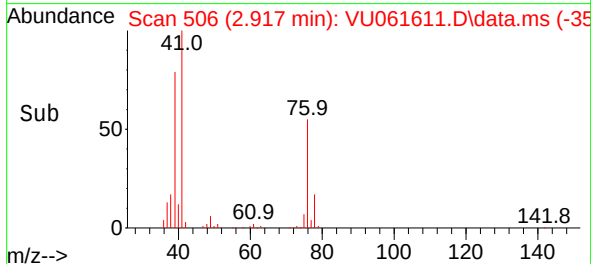
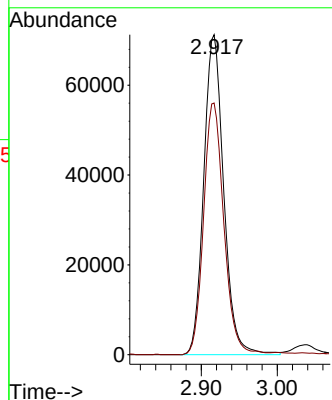
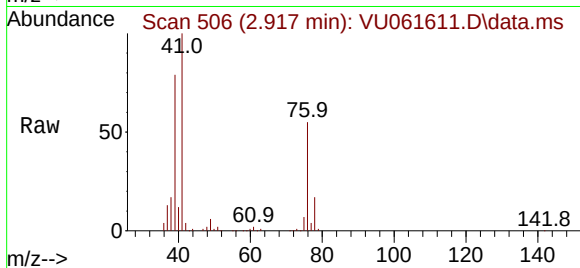
ClientSampleId :

Tgt Ion: 41 Resp: 129955

Ion Ratio Lower Upper

41 100

39 80.0 62.2 93.4



#12

Acrylonitrile

Concen: 22.369 ug/l

RT: 3.316 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

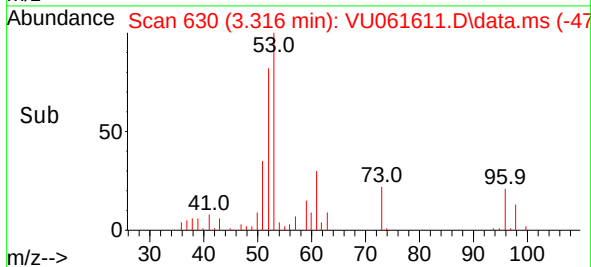
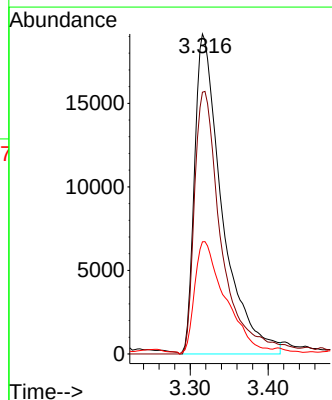
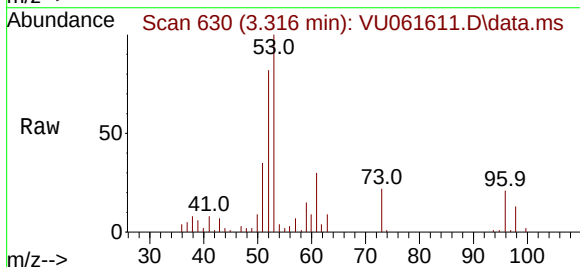
Tgt Ion: 53 Resp: 47057

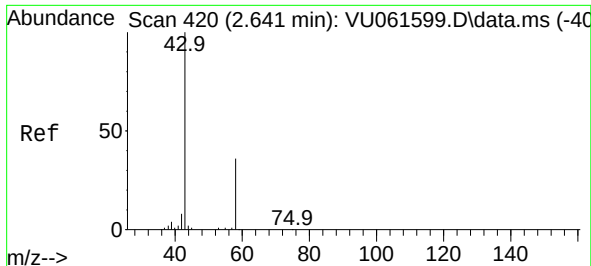
Ion Ratio Lower Upper

53 100

52 80.8 62.1 93.1

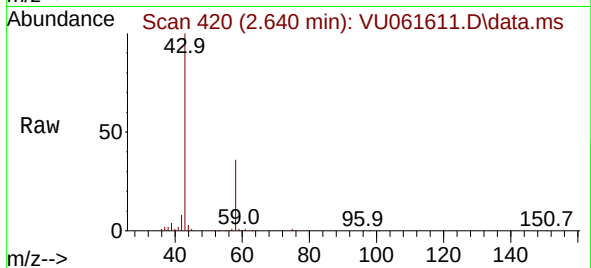
51 39.4 30.9 46.3



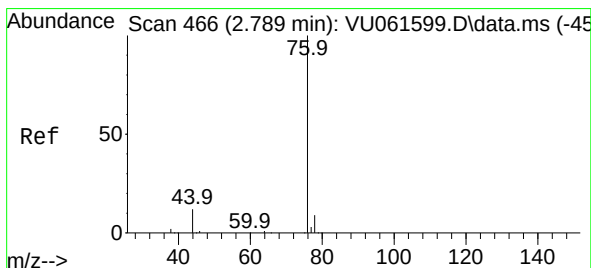
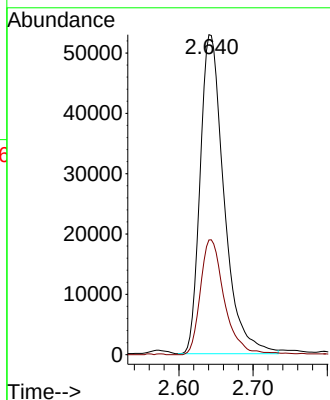
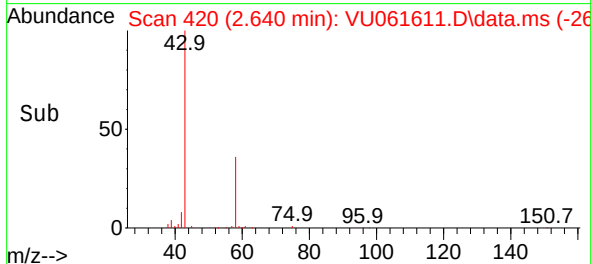


#13
Acetone
Concen: 40.324 ug/l
RT: 2.640 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Instrument :
MSVOA_U
ClientSampleId :

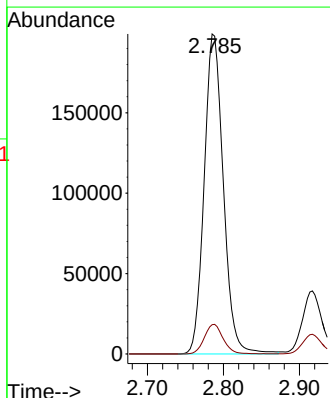
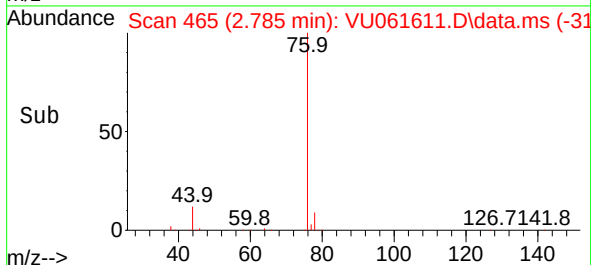
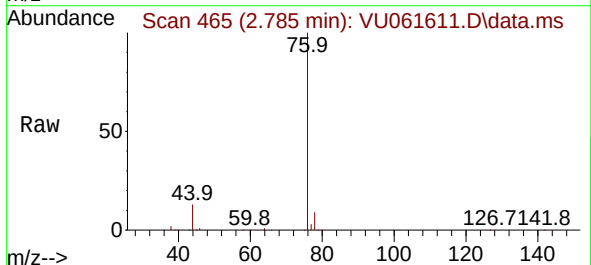


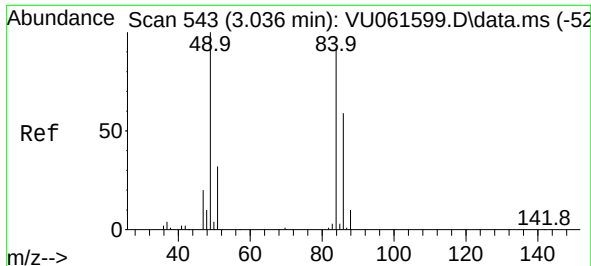
Tgt Ion: 43 Resp: 118402
Ion Ratio Lower Upper
43 100
58 36.0 28.5 42.7



#14
Carbon Disulfide
Concen: 10.147 ug/l
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 76 Resp: 348732
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#15

Methylene Chloride

Concen: 10.663 ug/l

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

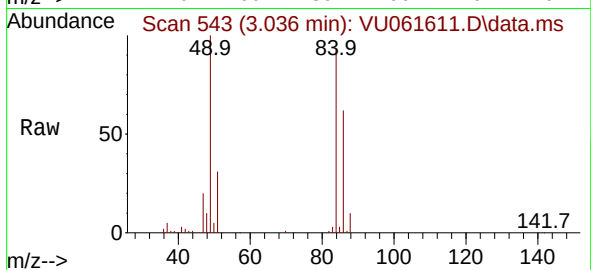
Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 136987

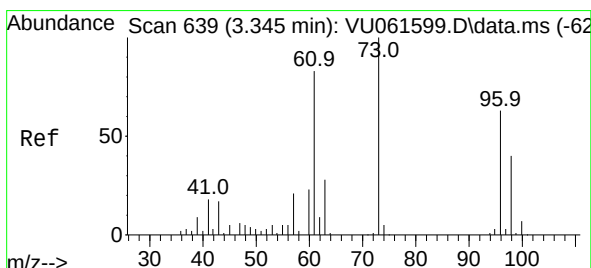
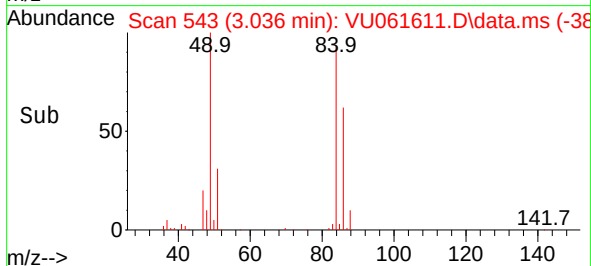
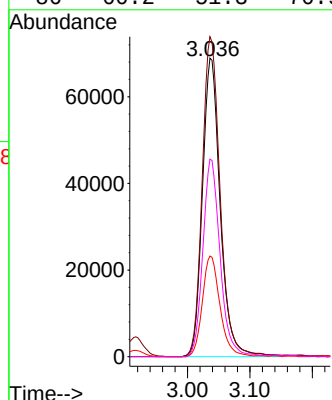
Ion Ratio Lower Upper

84 100

49 107.2 87.4 131.0

51 33.7 0.0 69.6

86 66.2 51.3 76.9



#16

trans-1,2-Dichloroethene

Concen: 10.560 ug/l

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

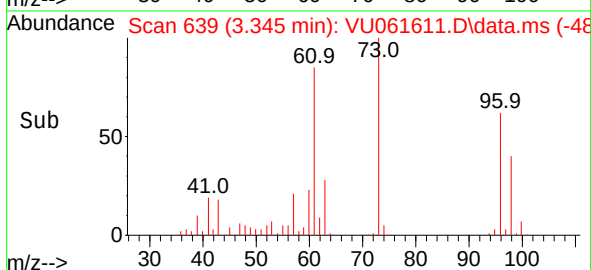
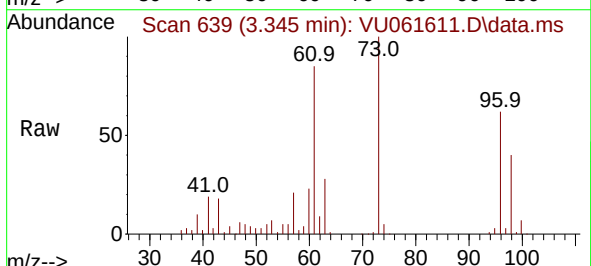
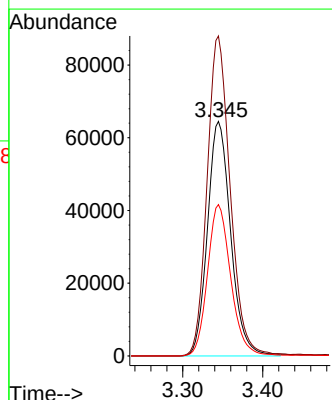
Tgt Ion: 96 Resp: 130485

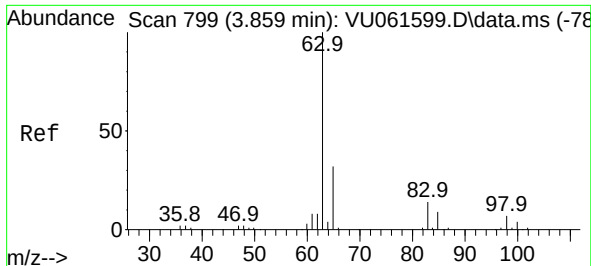
Ion Ratio Lower Upper

96 100

61 136.4 105.0 157.4

98 64.5 50.4 75.6

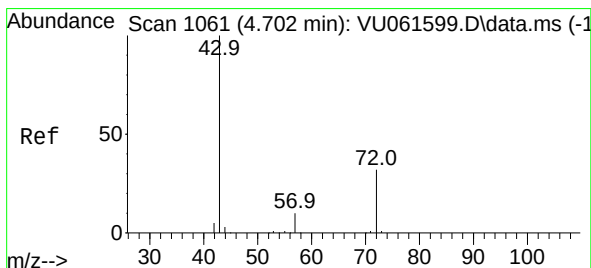
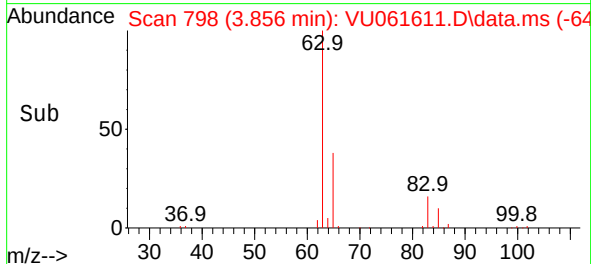
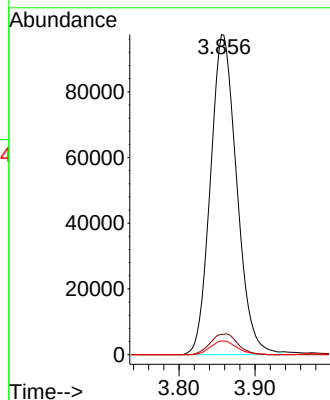
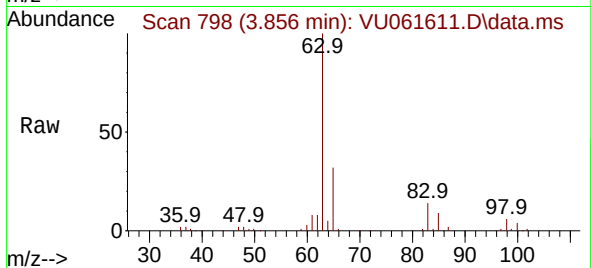




#17
1,1-Dichloroethane
Concen: 10.620 ug/l
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

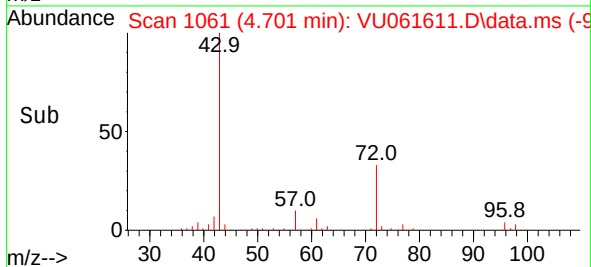
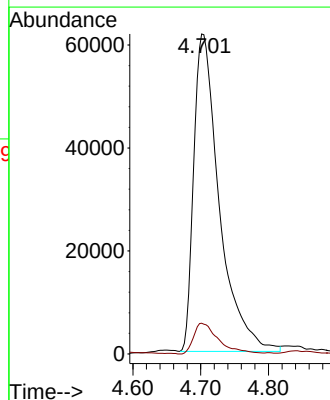
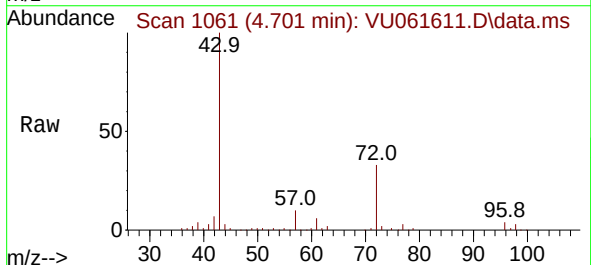
Instrument :
MSVOA_U
ClientSampleId :

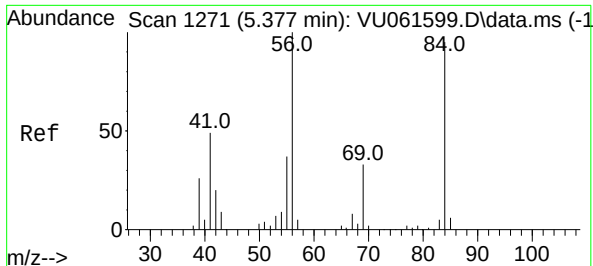
Tgt Ion: 63 Resp: 234030
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.2
100 4.3 2.2 6.6



#18
2-Butanone
Concen: 47.478 ug/l
RT: 4.701 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 43 Resp: 161670
Ion Ratio Lower Upper
43 100
57 9.7 0.0 20.0





#19

Cyclohexane

Concen: 8.905 ug/l

RT: 5.380 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

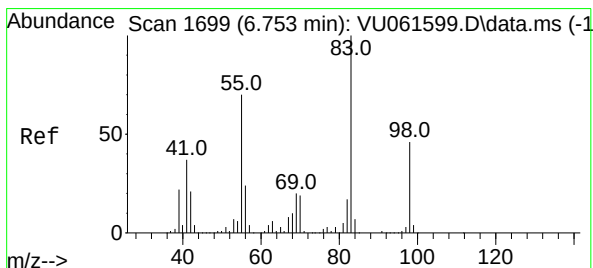
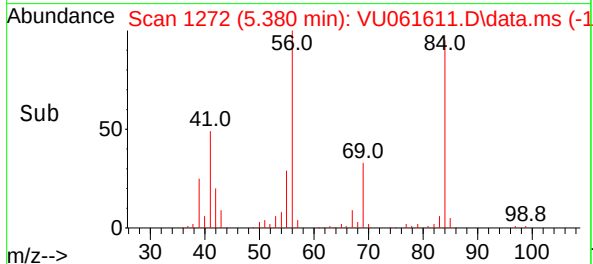
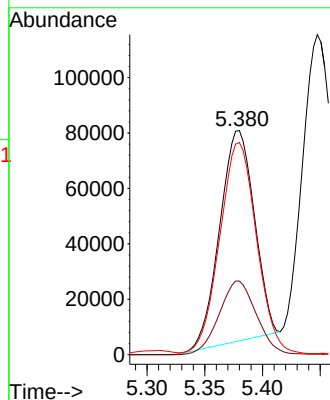
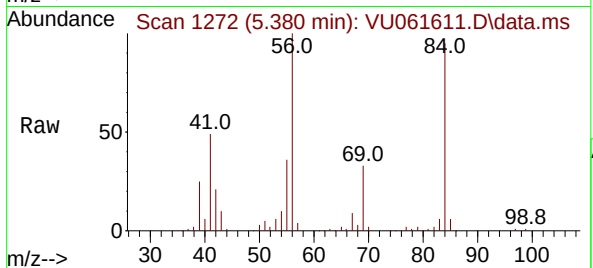
Tgt Ion: 56 Resp: 159195

Ion Ratio Lower Upper

56 100

69 37.1 26.3 39.5

84 105.5 73.4 110.2



#20

Methylcyclohexane

Concen: 10.413 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

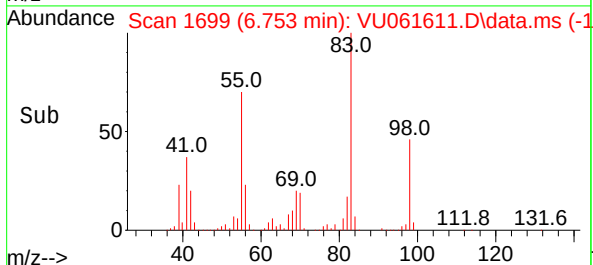
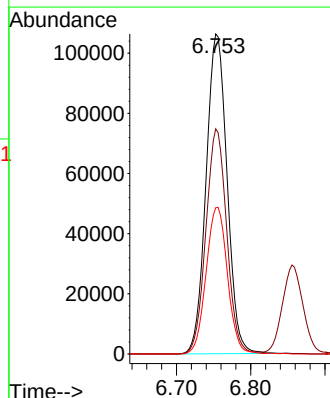
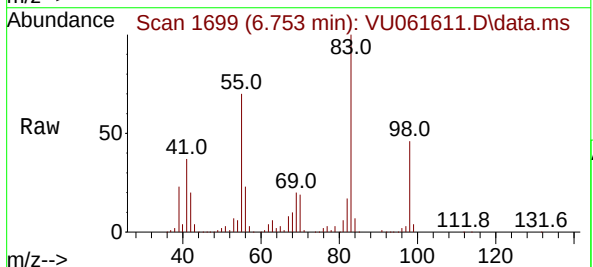
Tgt Ion: 83 Resp: 208750

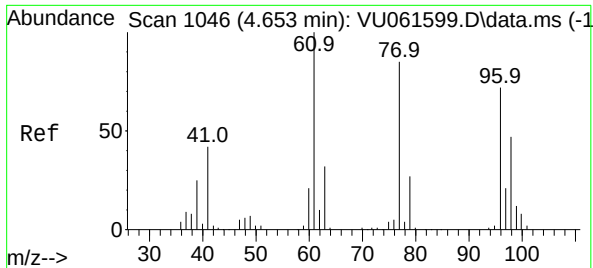
Ion Ratio Lower Upper

83 100

55 68.9 55.5 83.3

98 46.4 36.8 55.2

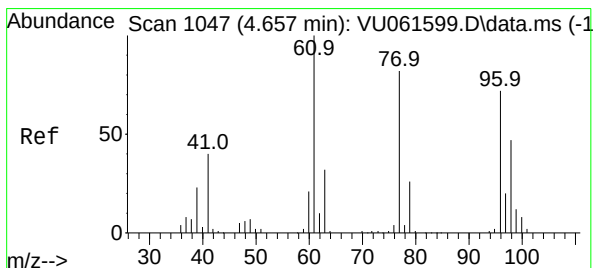
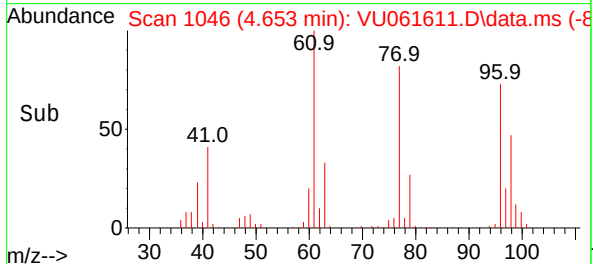
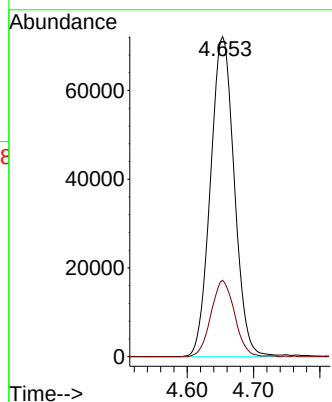
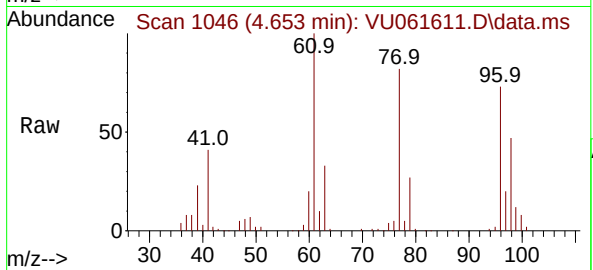




#21
2,2-Dichloropropane
Concen: 10.177 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

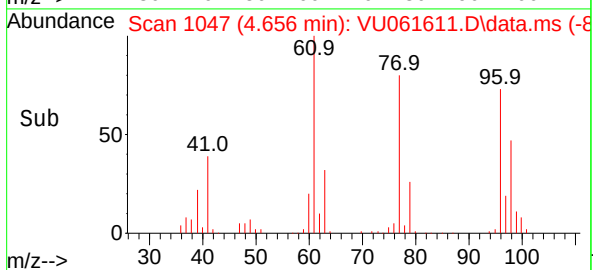
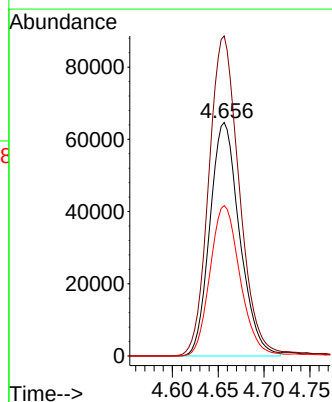
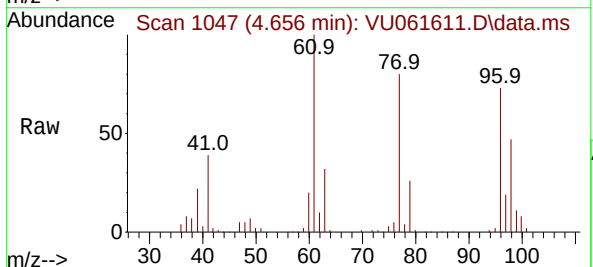
Instrument :
MSVOA_U
ClientSampleId :

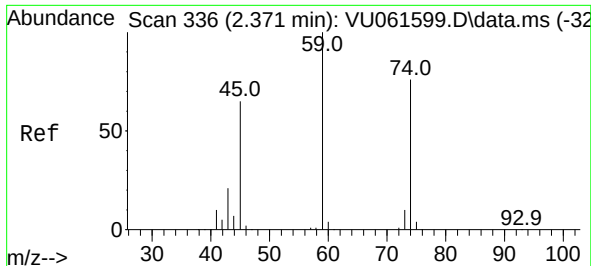
Tgt Ion: 77 Resp: 180361
Ion Ratio Lower Upper
77 100
97 23.6 18.6 28.0



#22
cis-1,2-Dichloroethene
Concen: 10.839 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 96 Resp: 146114
Ion Ratio Lower Upper
96 100
61 141.1 0.0 349.5
98 64.8 32.5 97.5

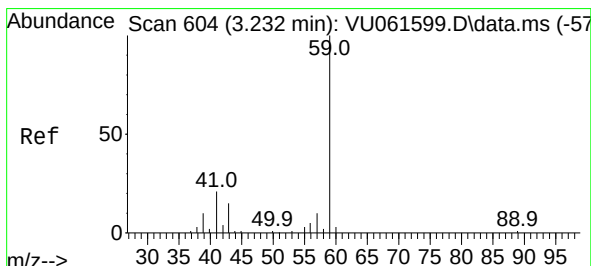
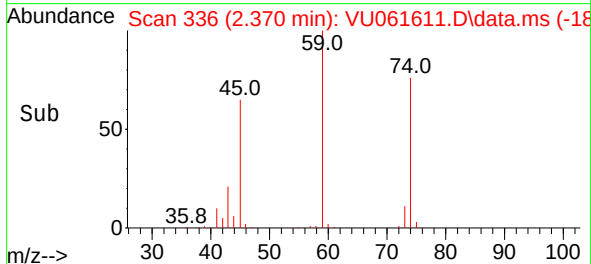
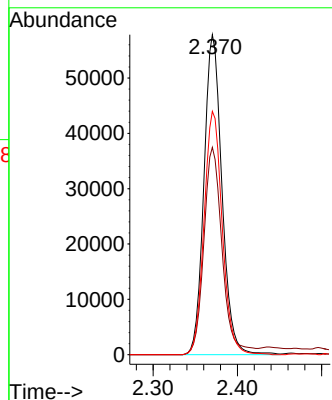
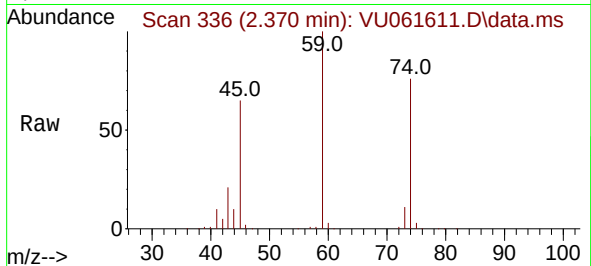




#23
Diethyl Ether
Concen: 10.859 ug/l
RT: 2.370 min Scan# 341
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

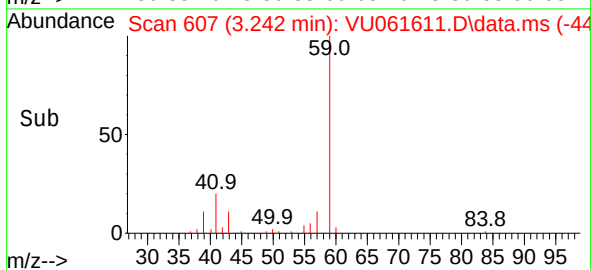
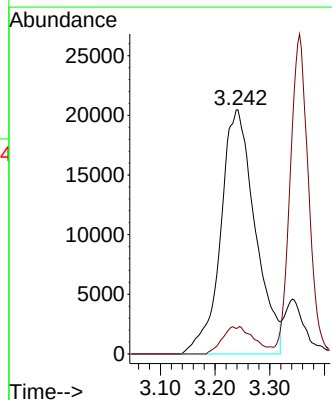
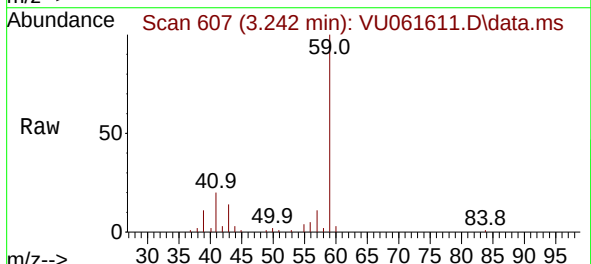
Instrument :
MSVOA_U
ClientSampleId :

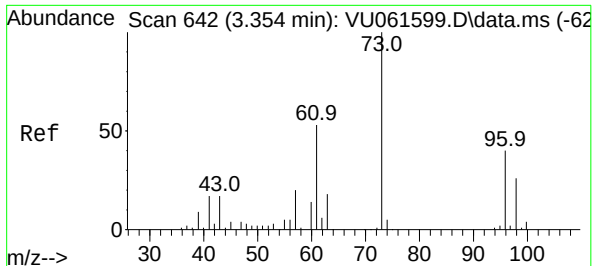
Tgt Ion: 59 Resp: 86093
Ion Ratio Lower Upper
59 100
45 66.5 53.8 80.6
74 77.0 62.1 93.1



#24
tert-Butyl Alcohol
Concen: 110.794 ug/l
RT: 3.242 min Scan# 607
Delta R.T. 0.009 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 59 Resp: 89583
Ion Ratio Lower Upper
59 100
57 4.6 7.9 11.9#





#25

Methyl tert-Butyl Ether

Concen: 11.105 ug/l

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

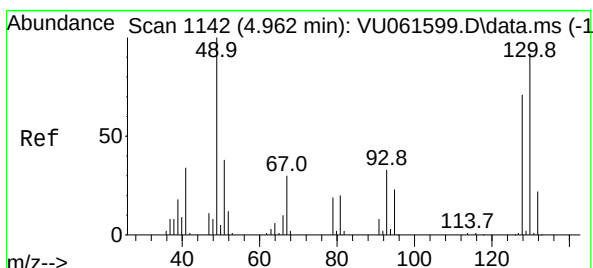
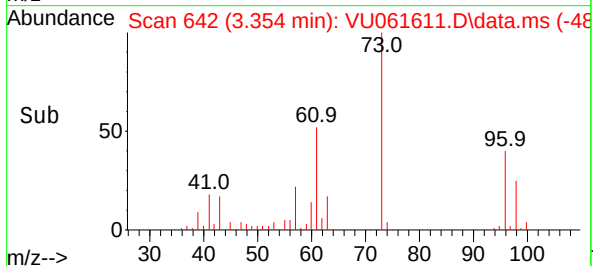
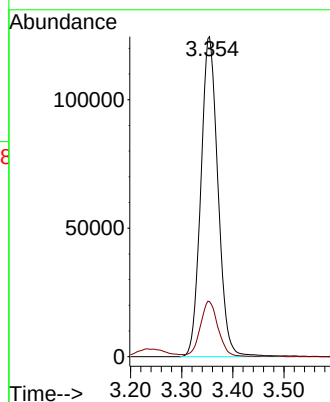
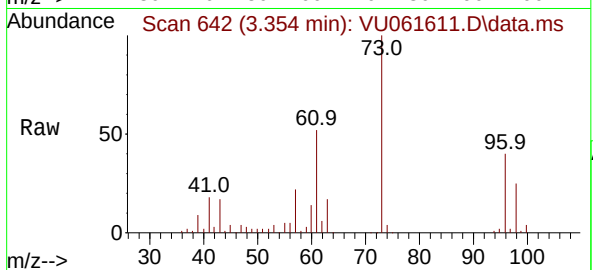
ClientSampleId :

Tgt Ion: 73 Resp: 289580

Ion Ratio Lower Upper

73 100

43 17.7 14.2 21.2



#26

Bromochloromethane

Concen: 10.905 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

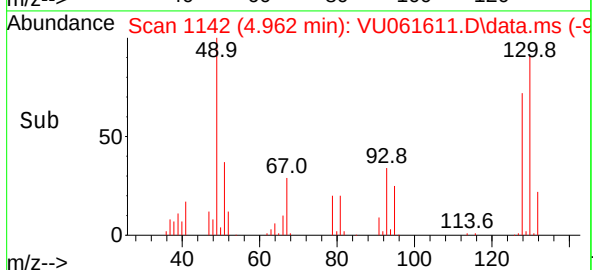
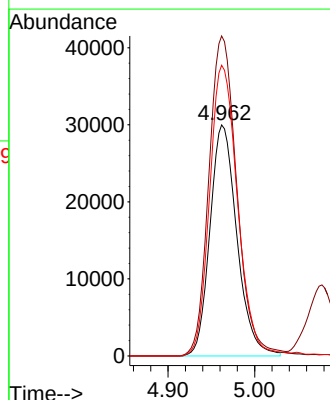
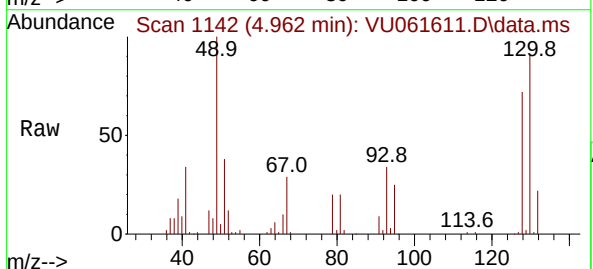
Tgt Ion: 128 Resp: 64763

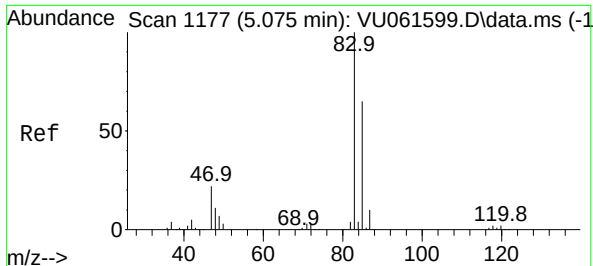
Ion Ratio Lower Upper

128 100

49 143.7 0.0 288.8

130 130.6 103.6 155.4





#27

Chloroform

Concen: 10.840 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

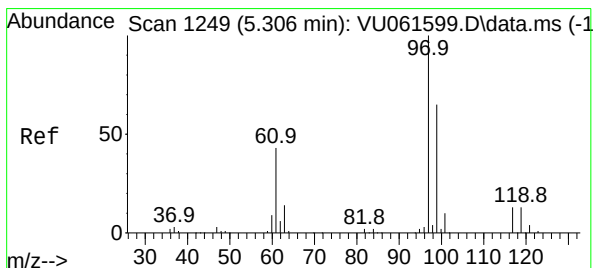
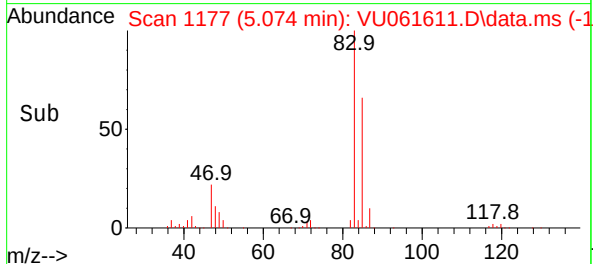
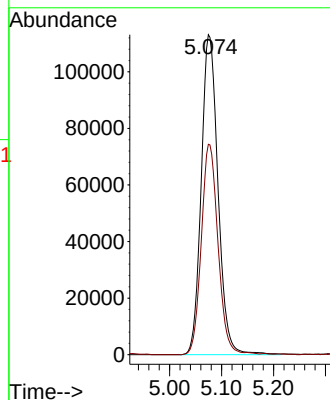
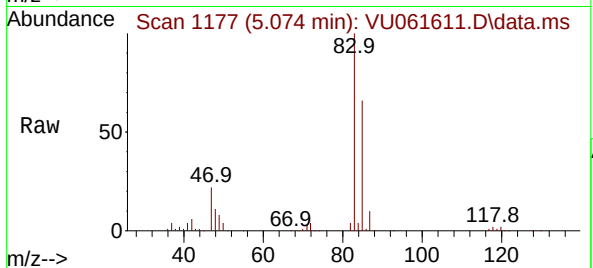
ClientSampleId :

Tgt Ion: 83 Resp: 253358

Ion Ratio Lower Upper

83 100

85 65.8 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 10.882 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

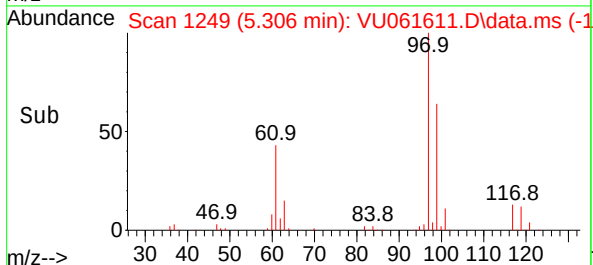
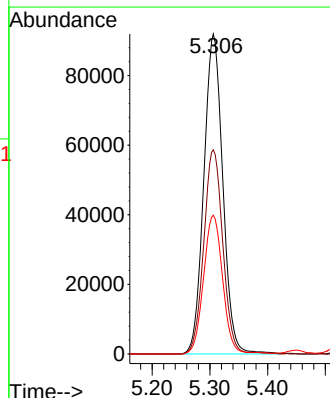
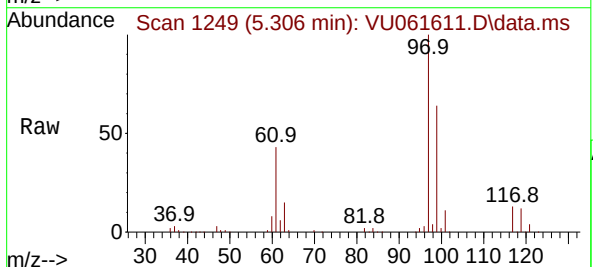
Tgt Ion: 97 Resp: 210125

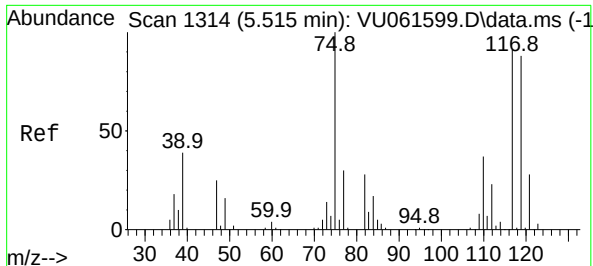
Ion Ratio Lower Upper

97 100

99 64.1 32.1 96.5

61 43.3 21.7 65.1

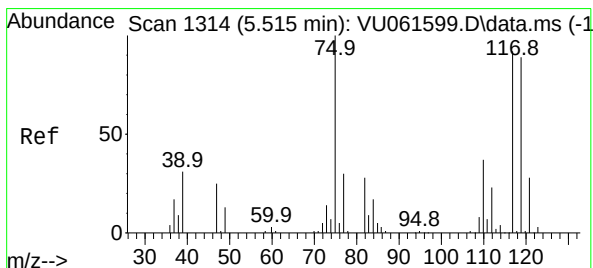
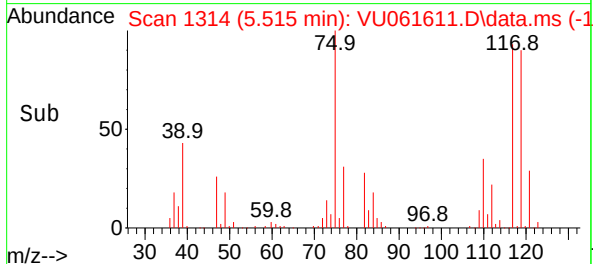
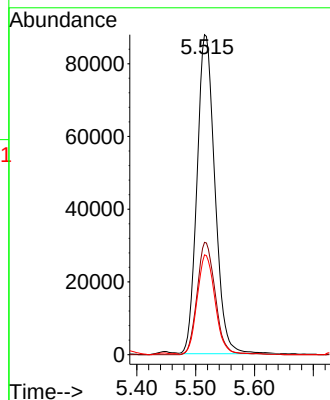
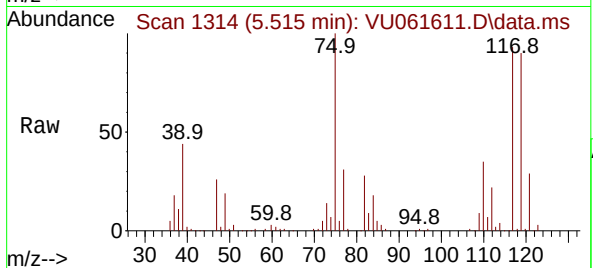




#29
1,1-Dichloropropene
Concen: 10.688 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

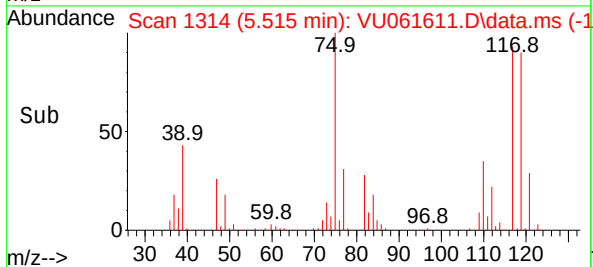
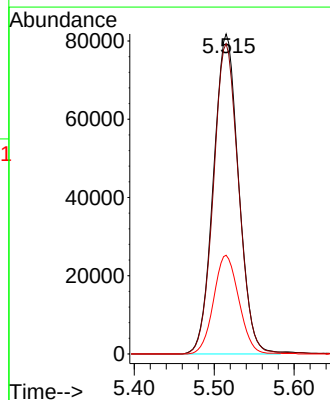
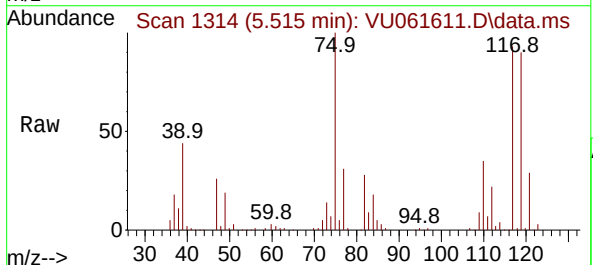
Instrument :
MSVOA_U
ClientSampleId :

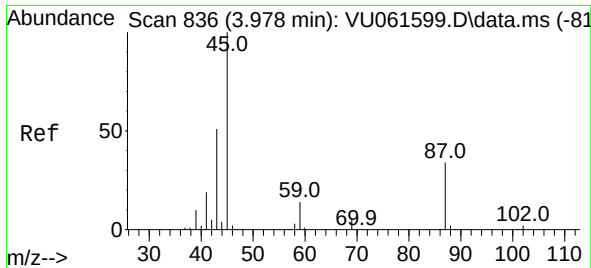
Tgt Ion: 75 Resp: 185420
Ion Ratio Lower Upper
75 100
110 35.5 17.9 53.8
77 31.0 24.8 37.2



#30
Carbon Tetrachloride
Concen: 10.790 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion:117 Resp: 178587
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.0
121 30.9 24.5 36.7

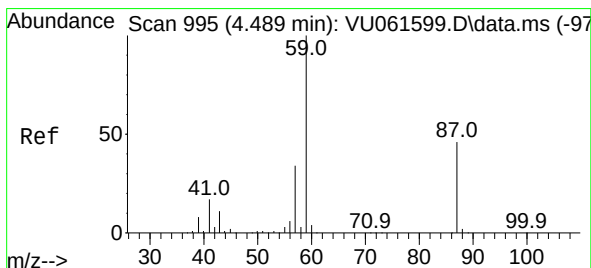
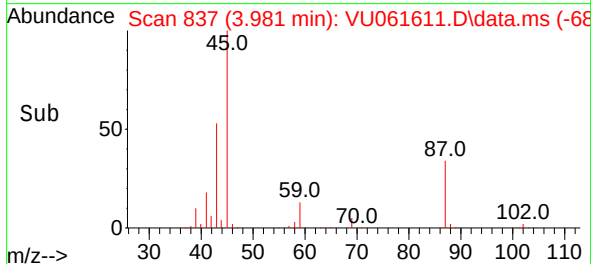
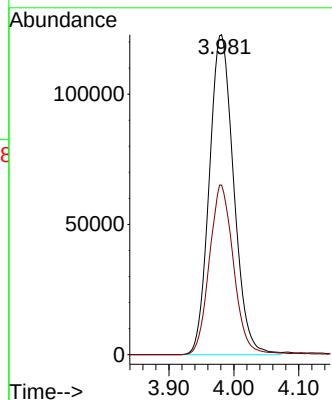
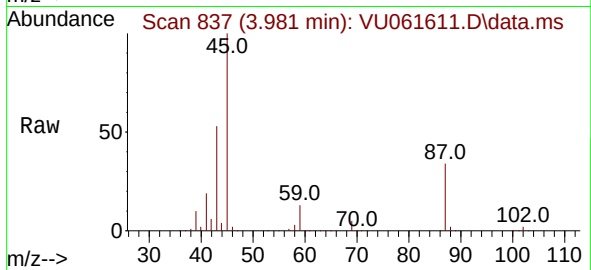




#31
Isopropyl Ether
Concen: 10.927 ug/l
RT: 3.981 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

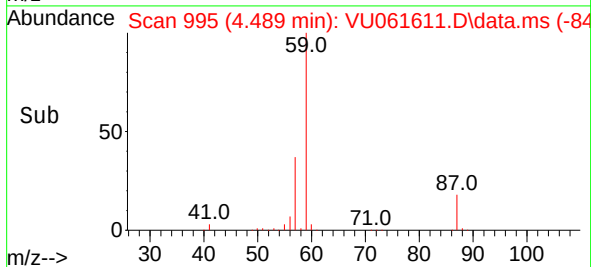
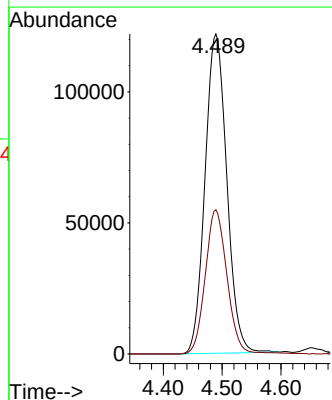
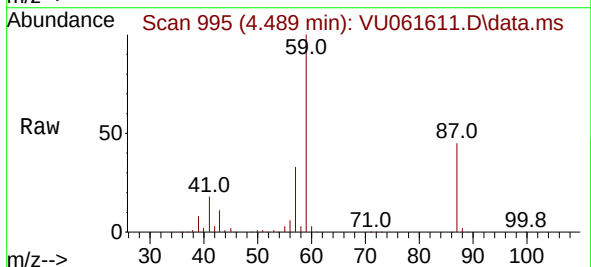
Instrument :
MSVOA_U
ClientSampleId :

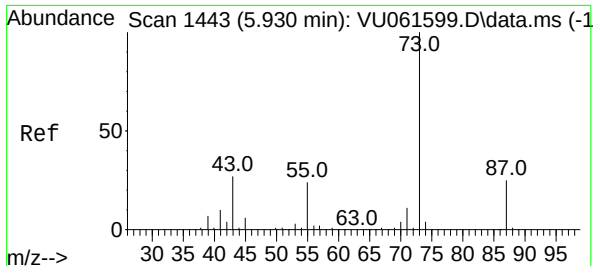
Tgt Ion: 45 Resp: 320418
Ion Ratio Lower Upper
45 100
43 52.7 25.8 77.3



#32
Ethyl-t-butyl ether
Concen: 11.185 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 59 Resp: 313500
Ion Ratio Lower Upper
59 100
87 44.2 35.5 53.3





#33

Tert-Amyl methyl ether

Concen: 11.348 ug/l

RT: 5.930 min Scan# 1443

Delta R.T. -0.000 min

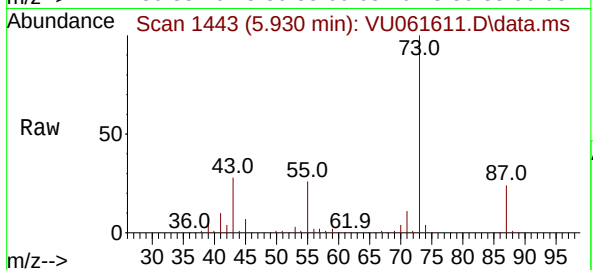
Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :



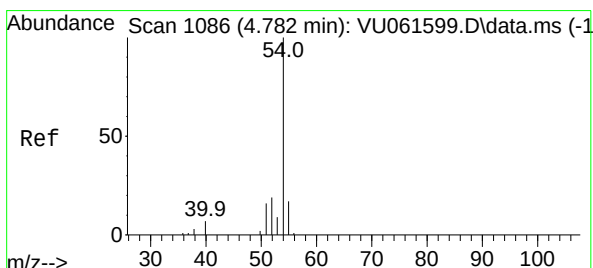
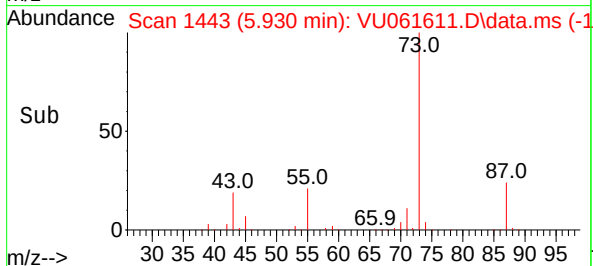
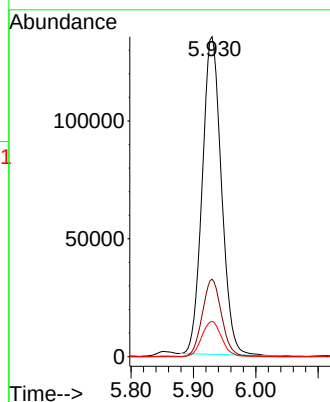
Tgt Ion: 73 Resp: 287505

Ion Ratio Lower Upper

73 100

87 24.7 19.8 29.6

71 11.4 9.0 13.4



#34

Propionitrile

Concen: 57.821 ug/l

RT: 4.782 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Tgt Ion: 54 Resp: 47277

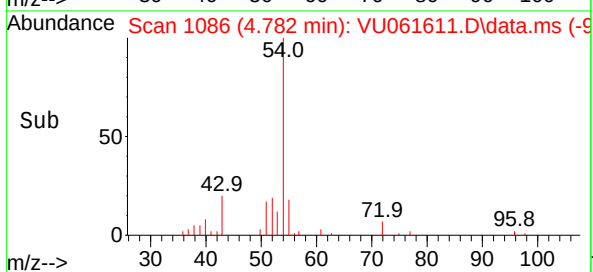
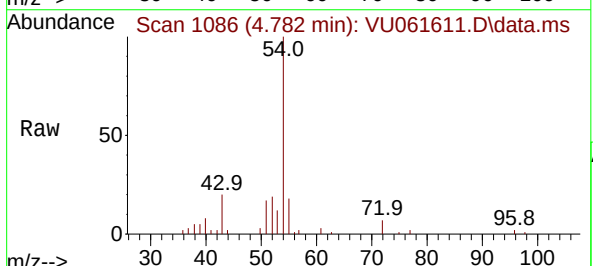
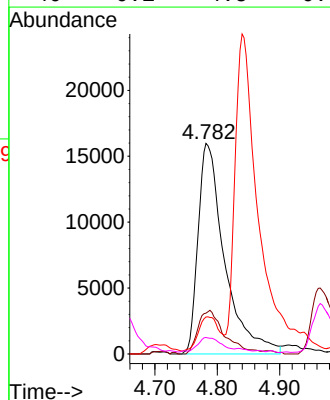
Ion Ratio Lower Upper

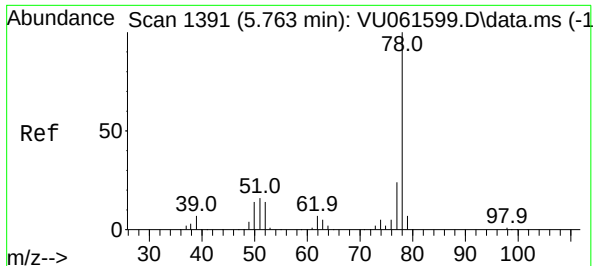
54 100

52 20.7 15.8 23.8

55 13.1 10.7 16.1

40 6.1 4.5 6.7





#35

Benzene

Concen: 10.837 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

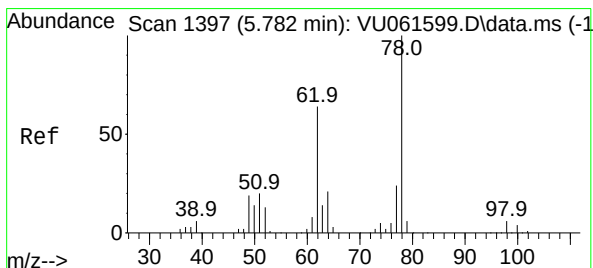
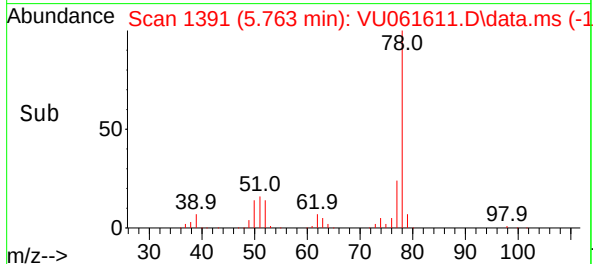
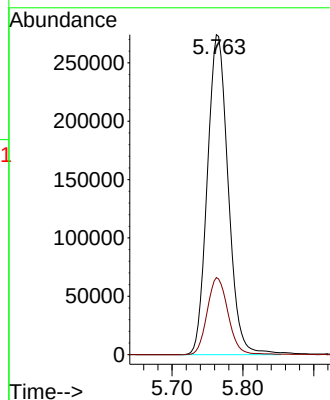
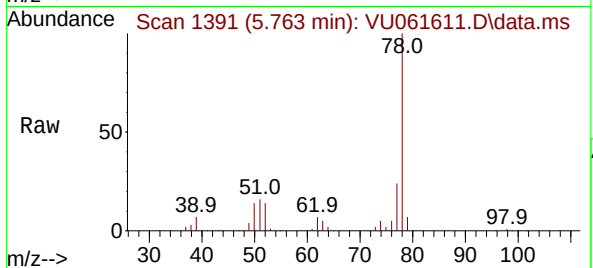
ClientSampleId :

Tgt Ion: 78 Resp: 560374

Ion Ratio Lower Upper

78 100

77 24.1 19.6 29.4



#36

1,2-Dichloroethane

Concen: 11.040 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU061611.D

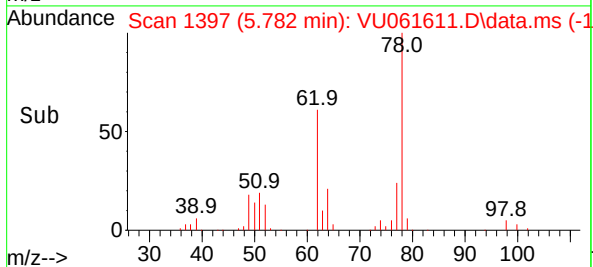
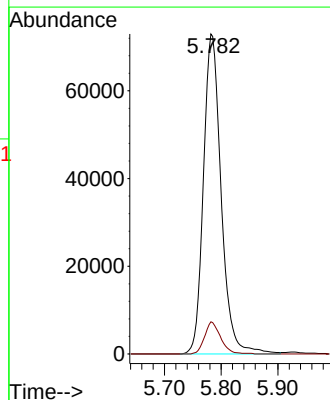
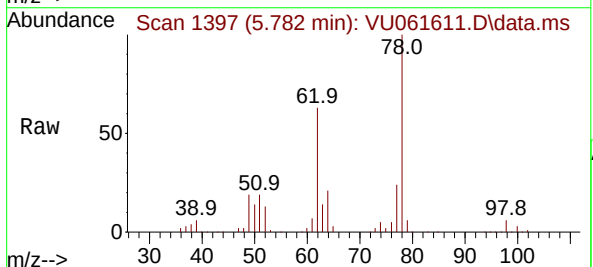
Acq: 12 Nov 2024 19:02

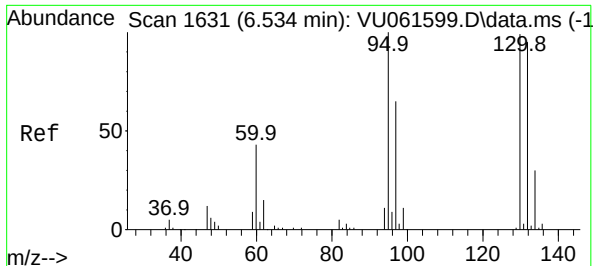
Tgt Ion: 62 Resp: 158632

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#37

Trichloroethene

Concen: 10.707 ug/l

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

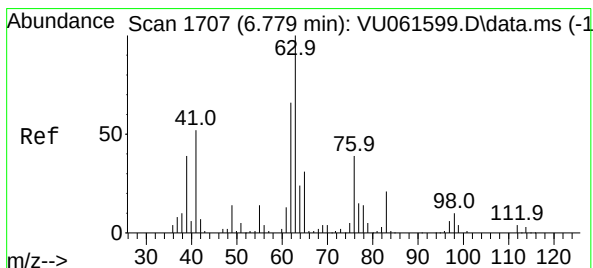
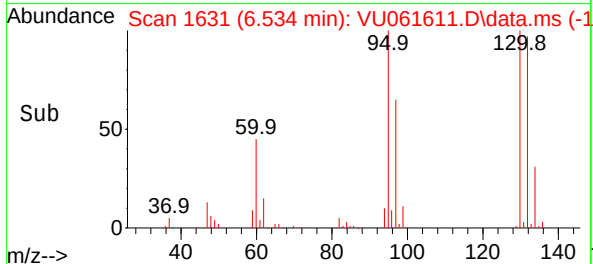
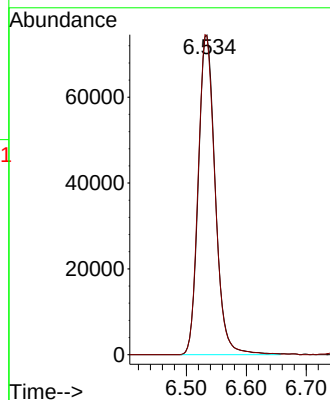
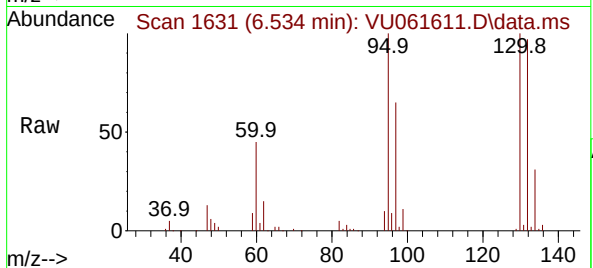
ClientSampleId :

Tgt Ion:130 Resp: 146601

Ion Ratio Lower Upper

130 100

95 99.6 80.6 120.8



#38

1,2-Dichloropropane

Concen: 11.056 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU061611.D

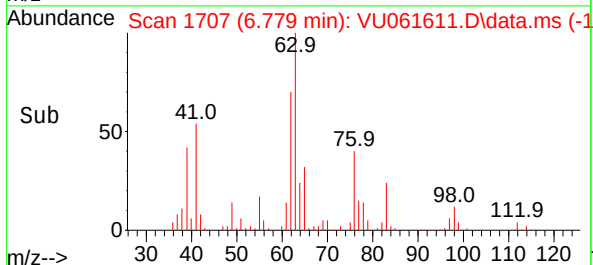
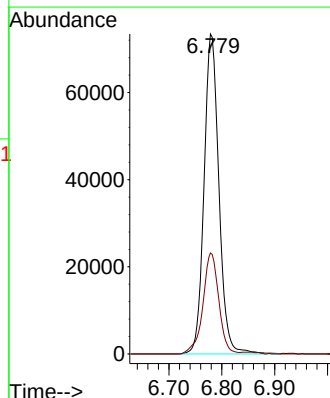
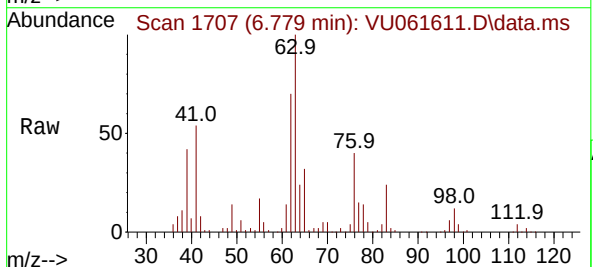
Acq: 12 Nov 2024 19:02

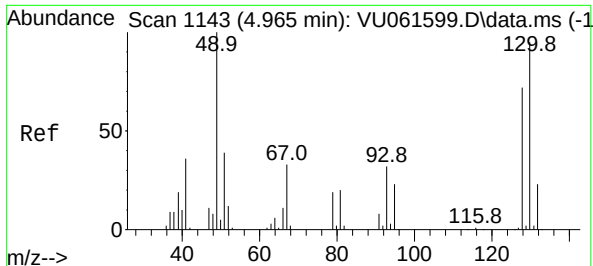
Tgt Ion: 63 Resp: 143542

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9





#39

Methacrylonitrile

Concen: 12.137 ug/l

RT: 4.962 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 34420

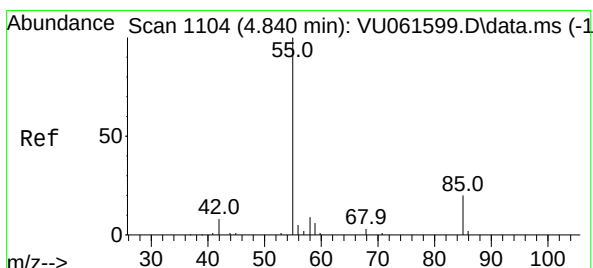
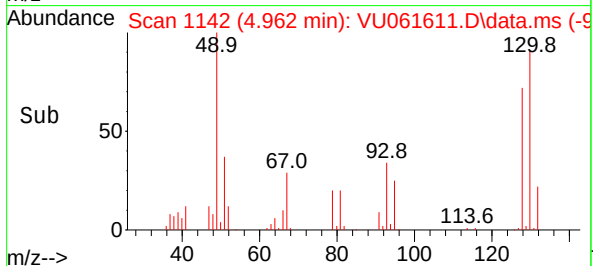
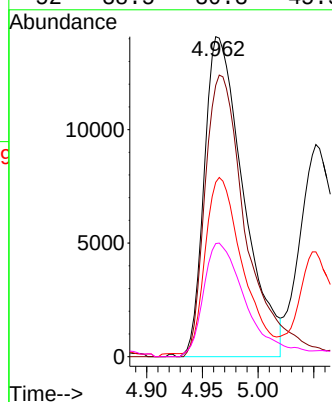
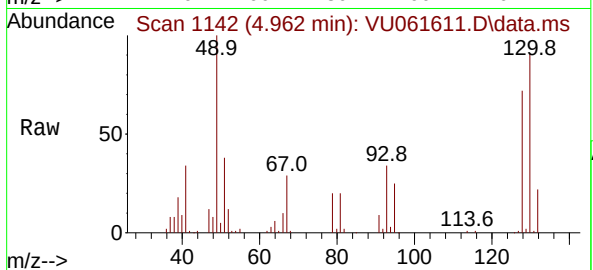
Ion Ratio Lower Upper

41 100

67 92.7 77.6 116.4

39 51.9 43.9 65.9

52 38.5 30.3 45.5



#40

Methyl acrylate

Concen: 12.010 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Tgt Ion: 55 Resp: 62810

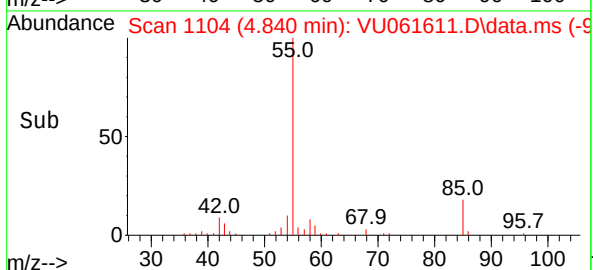
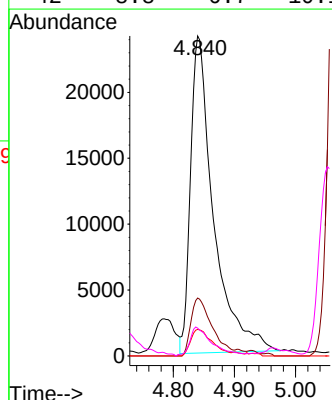
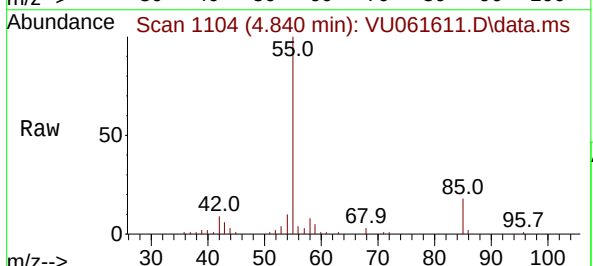
Ion Ratio Lower Upper

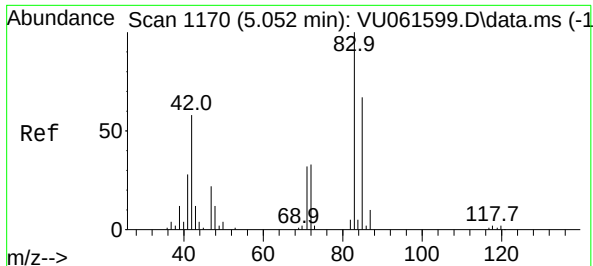
55 100

85 16.8 16.5 24.7

58 7.9 7.6 11.4

42 8.8 6.7 10.1





#41

Tetrahydrofuran

Concen: 21.775 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

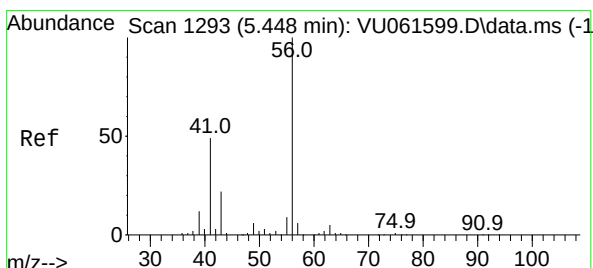
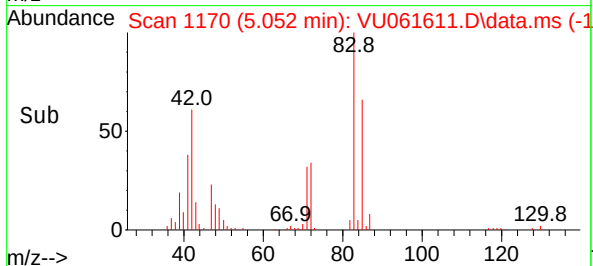
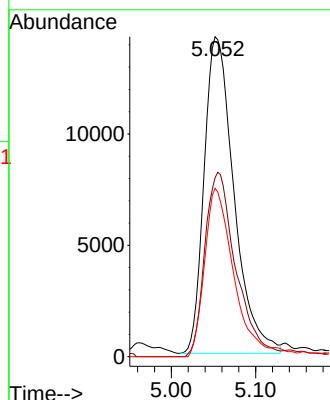
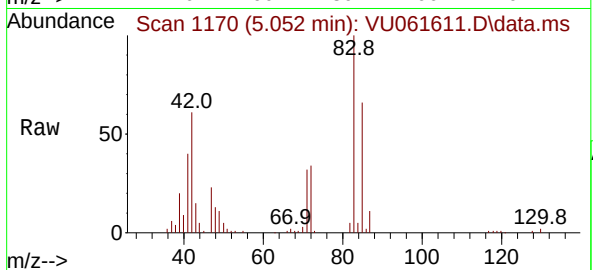
Tgt Ion: 42 Resp: 35028

Ion Ratio Lower Upper

42 100

72 60.3 49.1 73.7

71 51.0 40.2 60.4



#42

1-Chlorobutane

Concen: 10.992 ug/l

RT: 5.447 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VU061611.D

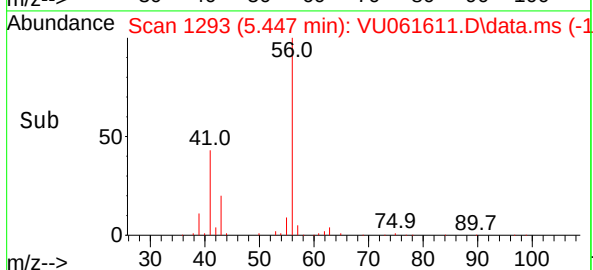
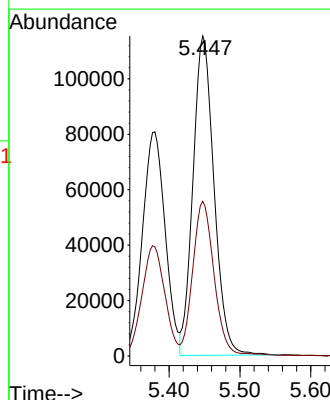
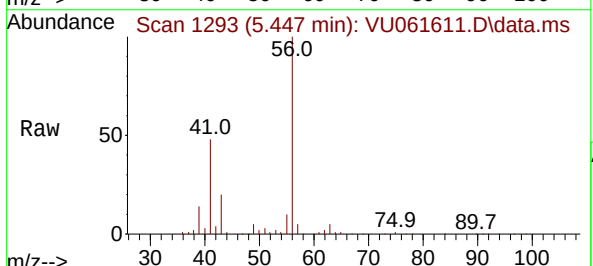
Acq: 12 Nov 2024 19:02

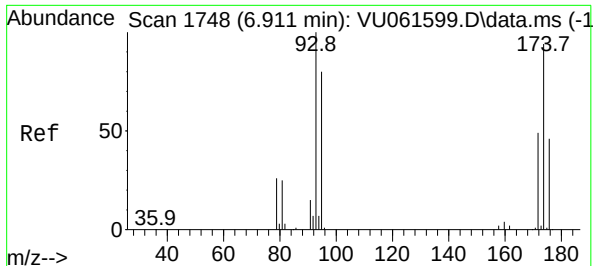
Tgt Ion: 56 Resp: 237968

Ion Ratio Lower Upper

56 100

41 49.2 23.4 70.2





#43

Dibromomethane

Concen: 11.013 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

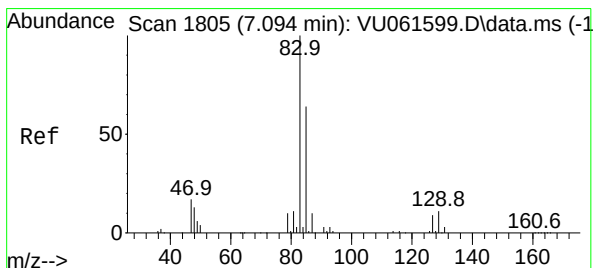
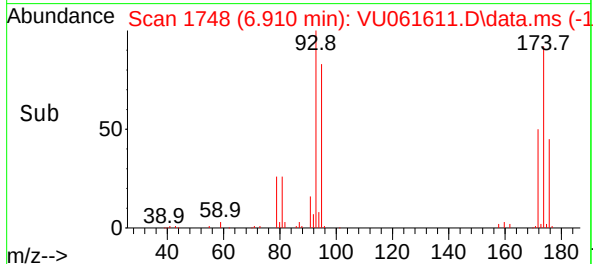
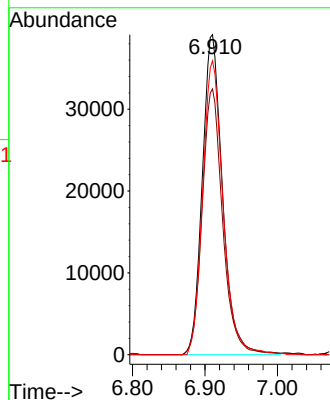
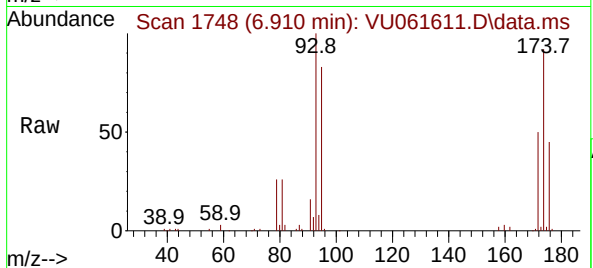
Tgt Ion: 93 Resp: 75723

Ion Ratio Lower Upper

93 100

95 84.1 65.2 97.8

174 93.0 75.3 112.9



#44

Bromodichloromethane

Concen: 11.291 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

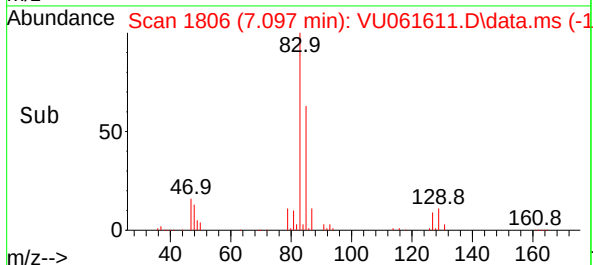
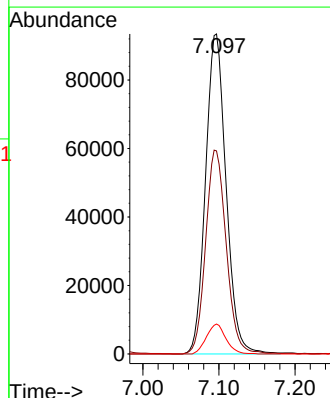
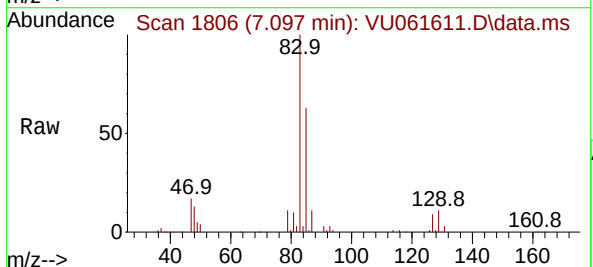
Tgt Ion: 83 Resp: 175319

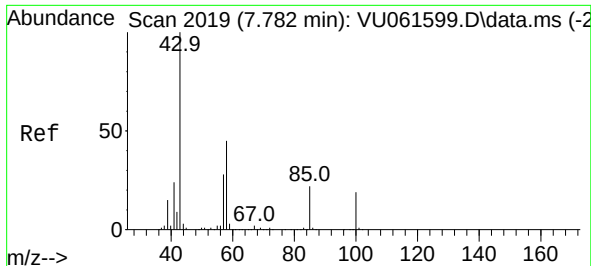
Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

127 9.3 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 55.737 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU061611.D

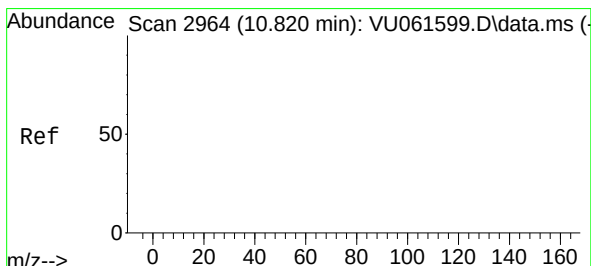
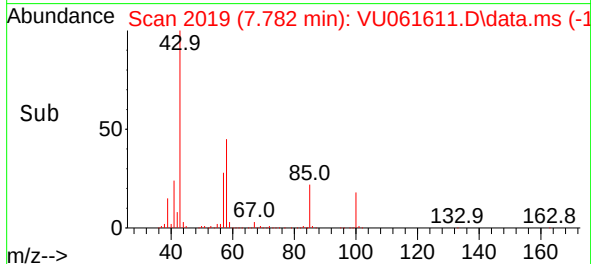
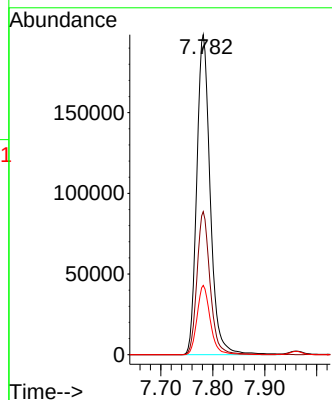
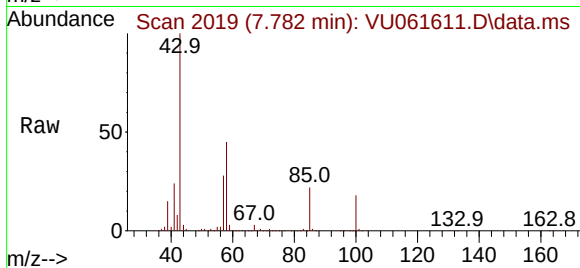
Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	356491
Ion	Ratio	Lower	Upper
43	100		
58	43.8	22.3	66.8
85	21.2	17.2	25.8



#46

t-1,4-Dichloro-2-butene

Concen: 43.895 ug/l

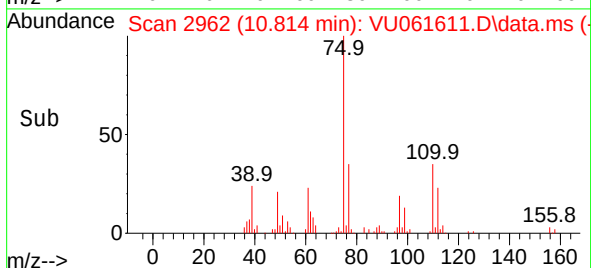
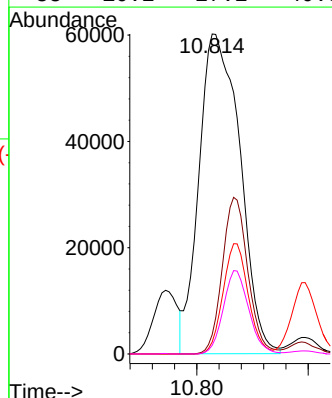
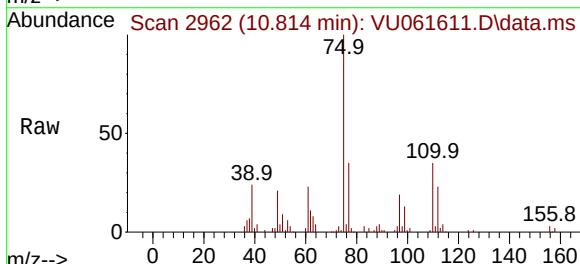
RT: 10.814 min Scan# 2962

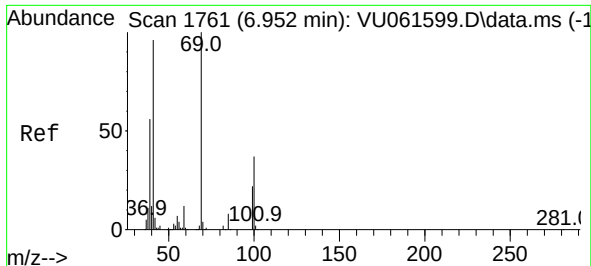
Delta R.T. -0.007 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Tgt Ion:	75	Resp:	153648
Ion	Ratio	Lower	Upper
75	100		
53	30.8	50.7	76.1#
89	21.3	35.2	52.8#
88	16.2	27.2	40.8#

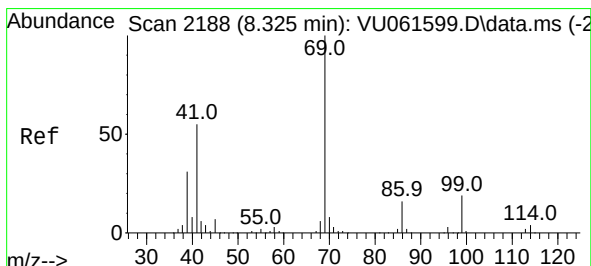
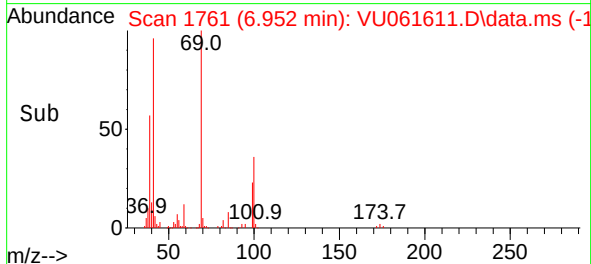
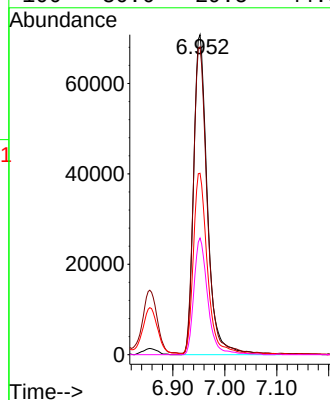
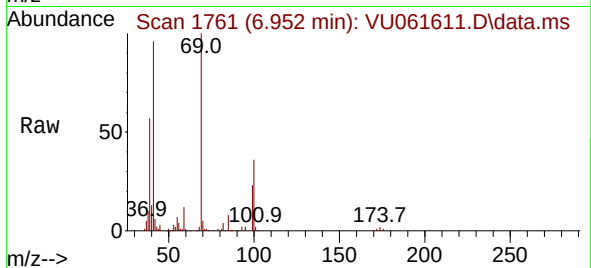




#47
Methyl methacrylate
Concen: 23.849 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

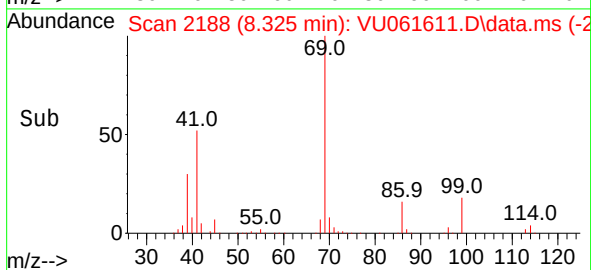
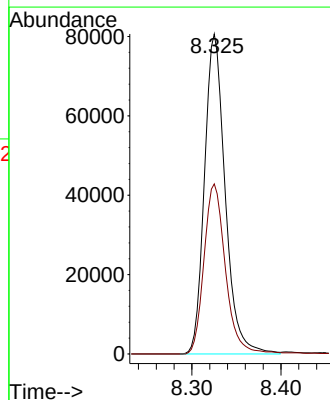
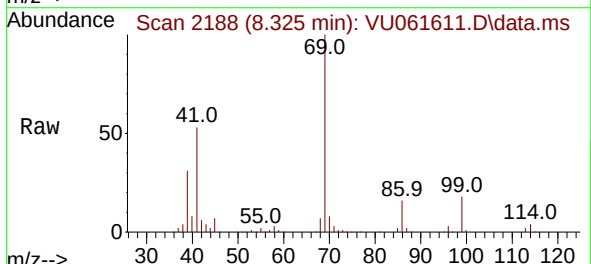
Instrument :
MSVOA_U
ClientSampleId :

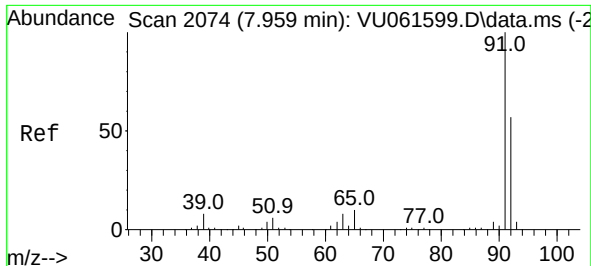
Tgt Ion: 69 Resp: 130148
Ion Ratio Lower Upper
69 100
41 95.4 0.0 193.6
39 57.2 46.6 70.0
100 36.6 29.5 44.3



#48
Ethyl methacrylate
Concen: 11.720 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 69 Resp: 130010
Ion Ratio Lower Upper
69 100
41 55.1 27.3 81.9





#49

Toluene

Concen: 11.053 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

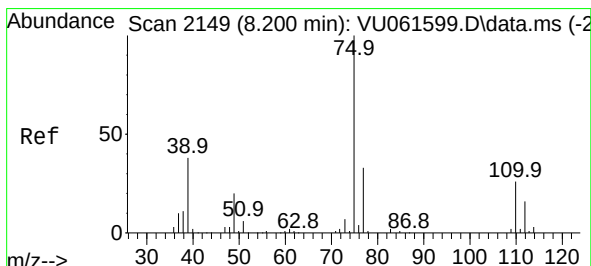
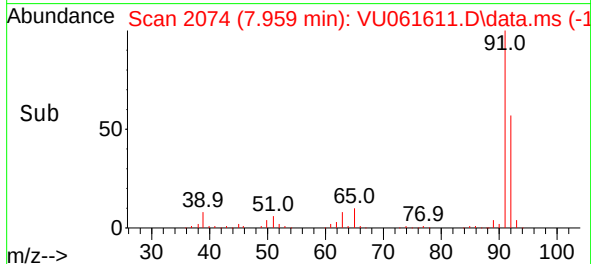
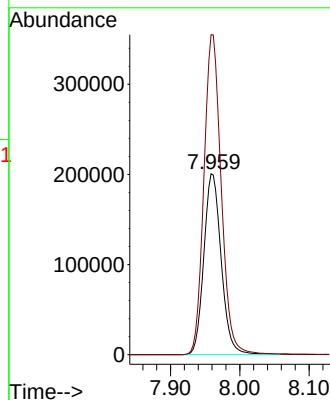
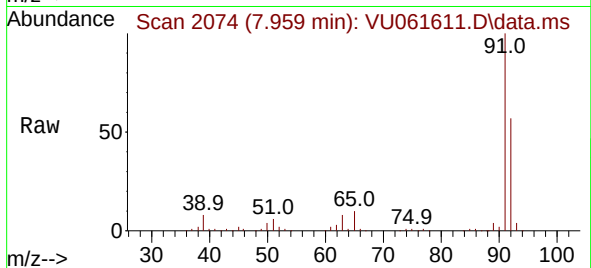
ClientSampleId :

Tgt Ion: 92 Resp: 349028

Ion Ratio Lower Upper

92 100

91 177.0 139.6 209.4



#50

t-1,3-Dichloropropene

Concen: 11.555 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU061611.D

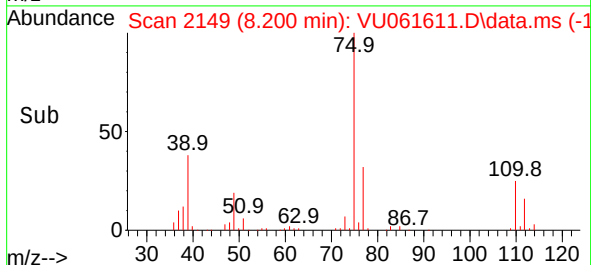
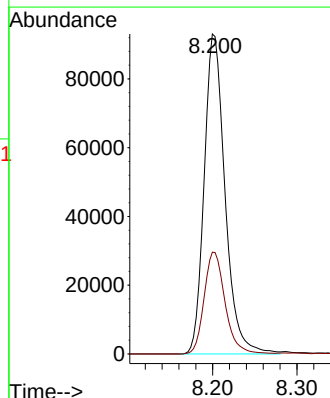
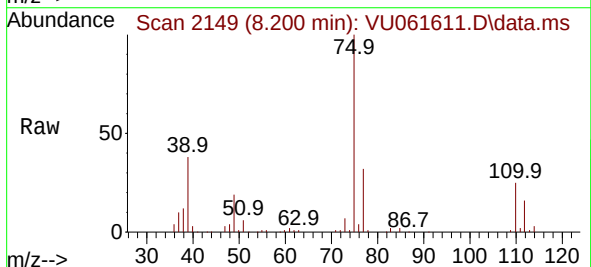
Acq: 12 Nov 2024 19:02

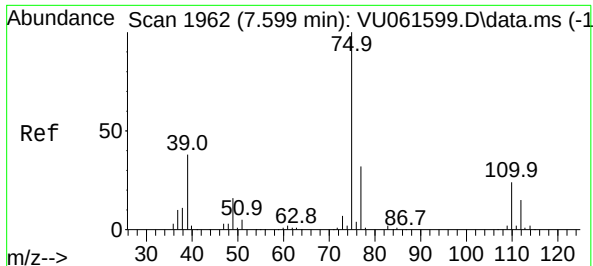
Tgt Ion: 75 Resp: 160543

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

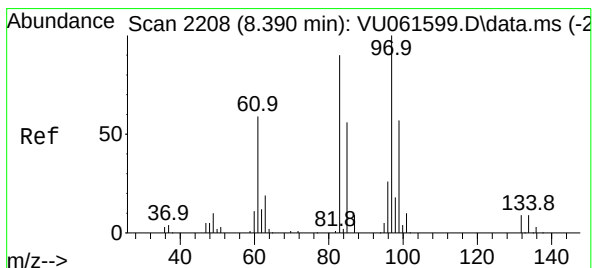
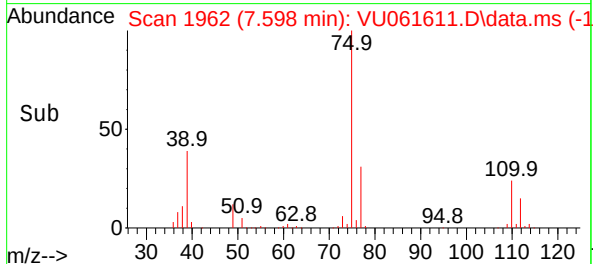
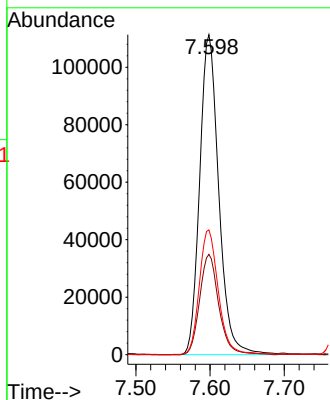
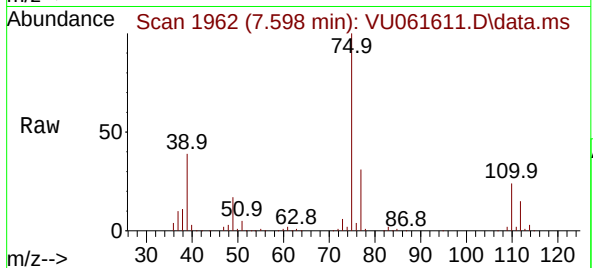




#51
 cis-1,3-Dichloropropene
 Concen: 11.146 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

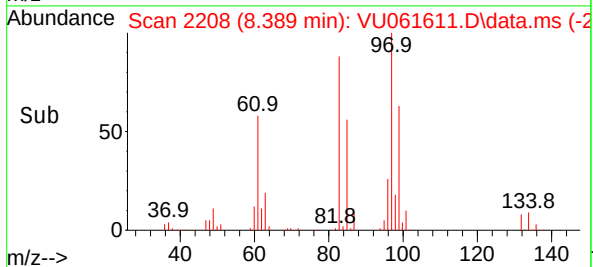
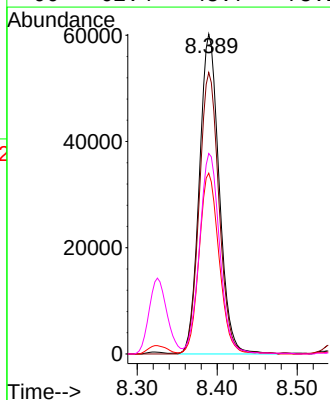
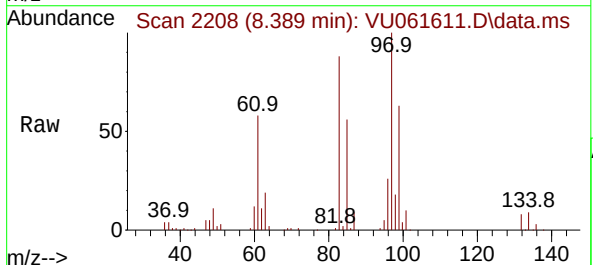
Instrument :
 MSVOA_U
 ClientSampleId :

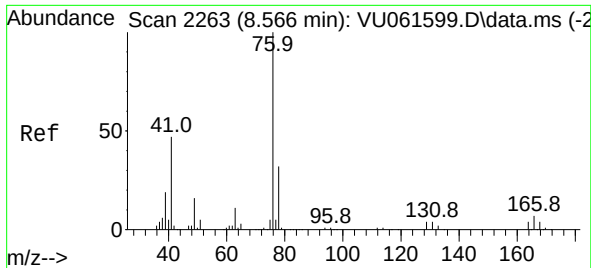
Tgt Ion: 75 Resp: 198664
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3
 39 38.9 30.6 46.0



#52
 1,1,2-Trichloroethane
 Concen: 11.037 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

Tgt Ion: 97 Resp: 104030
 Ion Ratio Lower Upper
 97 100
 83 87.9 71.7 107.5
 85 56.5 45.2 67.8
 99 62.4 48.7 73.1





#53

1,3-Dichloropropane

Concen: 11.208 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

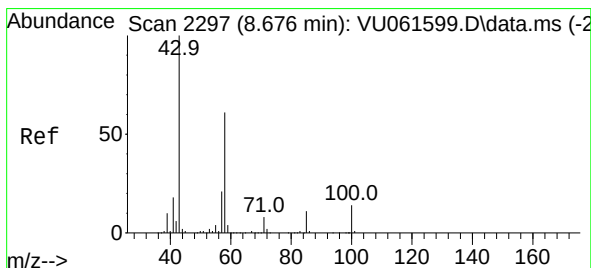
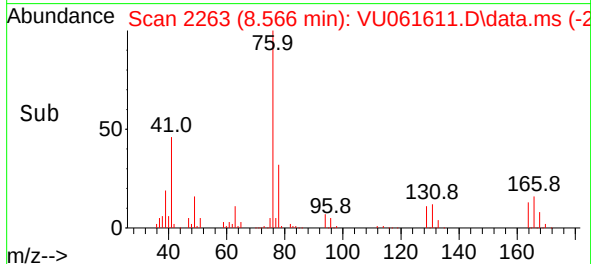
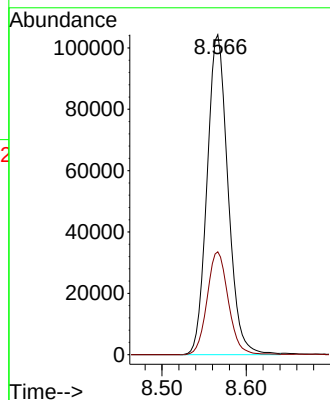
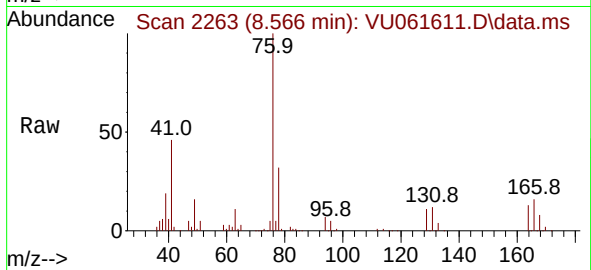
ClientSampleId :

Tgt Ion: 76 Resp: 180298

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#54

2-Hexanone

Concen: 47.598 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

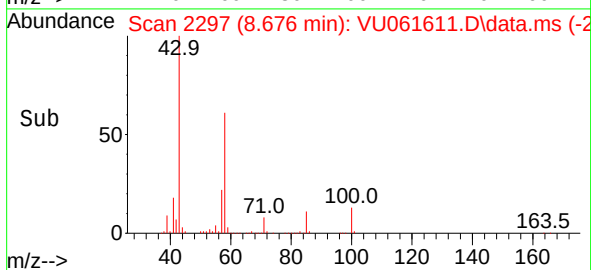
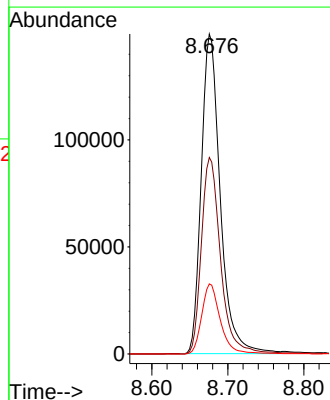
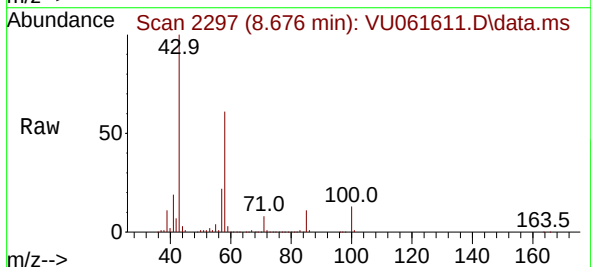
Tgt Ion: 43 Resp: 259384

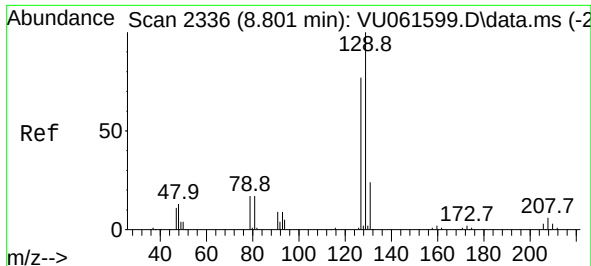
Ion Ratio Lower Upper

43 100

58 62.1 42.3 82.3

57 21.5 0.9 40.9





#55

Dibromochloromethane

Concen: 11.617 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

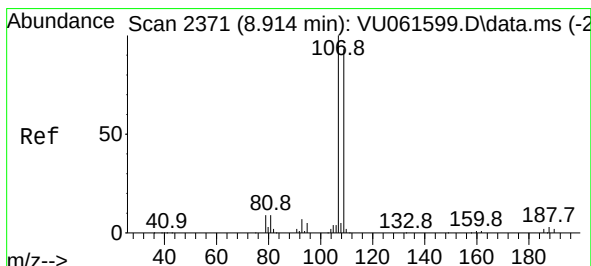
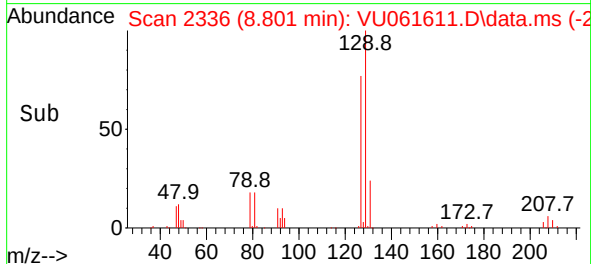
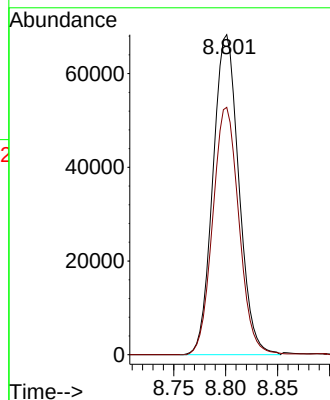
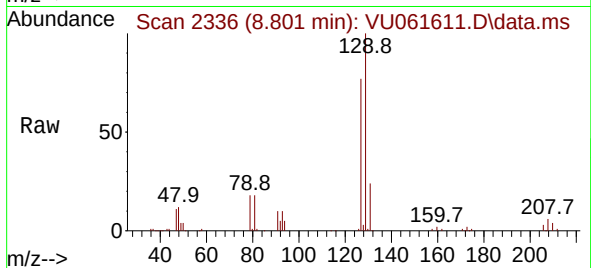
ClientSampleId :

Tgt Ion:129 Resp: 118527

Ion Ratio Lower Upper

129 100

127 78.1 61.8 92.8



#56

1,2-Dibromoethane

Concen: 11.235 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU061611.D

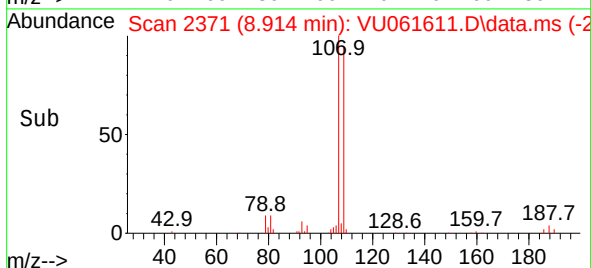
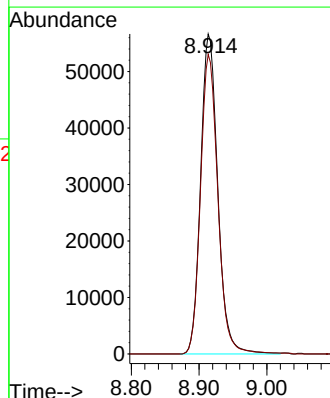
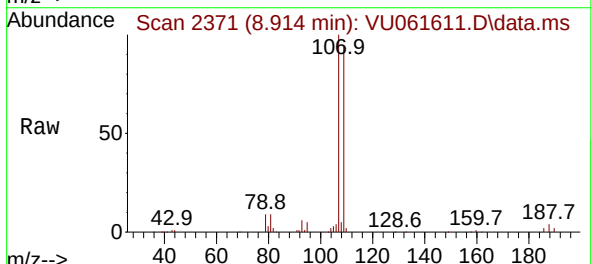
Acq: 12 Nov 2024 19:02

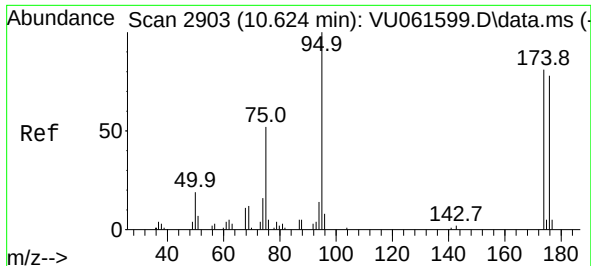
Tgt Ion:107 Resp: 99522

Ion Ratio Lower Upper

107 100

109 95.0 0.0 188.8

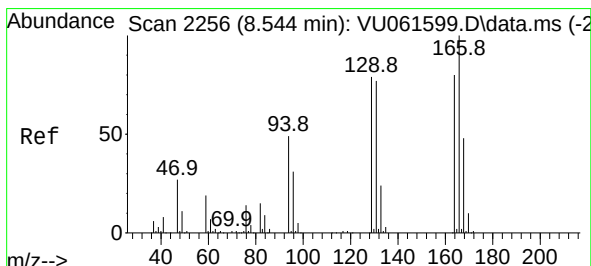
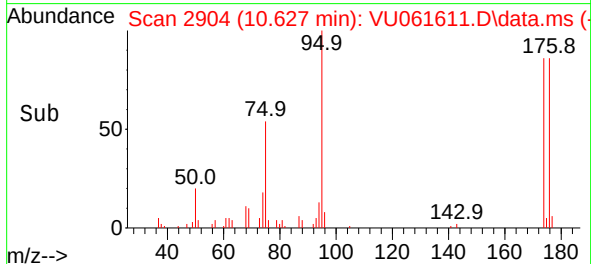
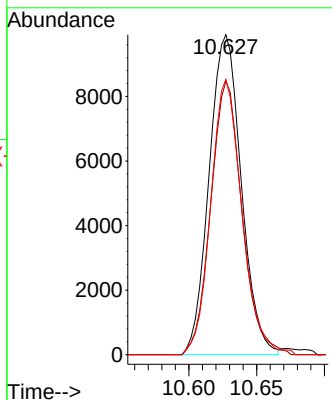
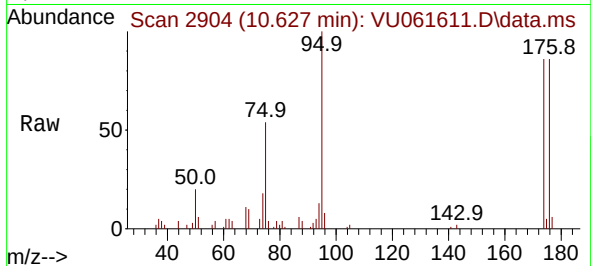




#57
 4-Bromofluorobenzene
 Concen: 0.983 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. 0.003 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

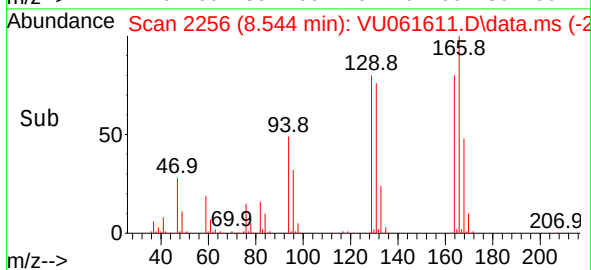
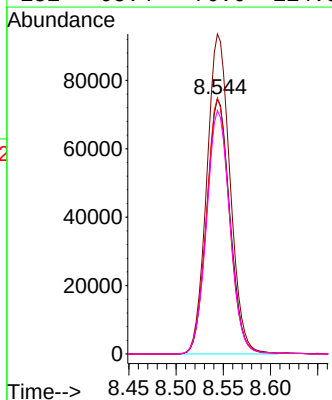
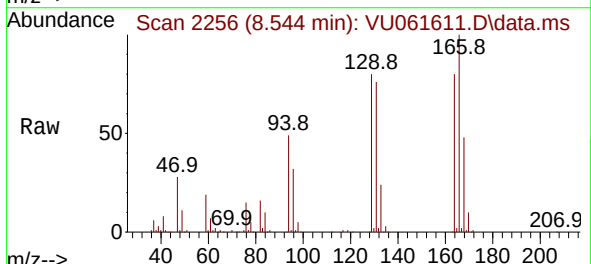
Instrument :
 MSVOA_U
 ClientSampleId :

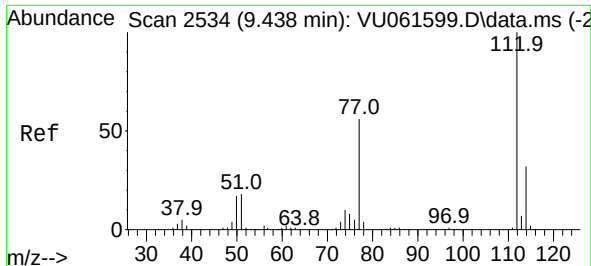
Tgt Ion: 95 Resp: 16344
 Ion Ratio Lower Upper
 95 100
 174 82.9 67.5 101.3
 176 83.1 62.7 94.1



#58
 Tetrachloroethene
 Concen: 10.331 ug/l
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

Tgt Ion:164 Resp: 127241
 Ion Ratio Lower Upper
 164 100
 166 125.5 99.9 149.9
 129 100.4 78.6 118.0
 131 95.4 76.6 114.8





#59

Chlorobenzene

Concen: 11.061 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

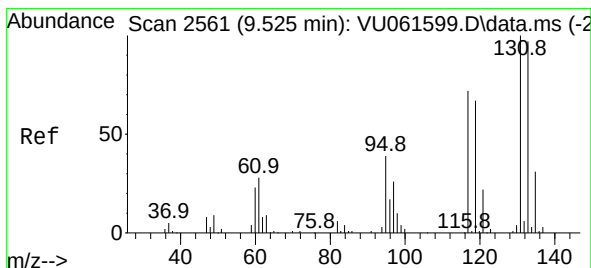
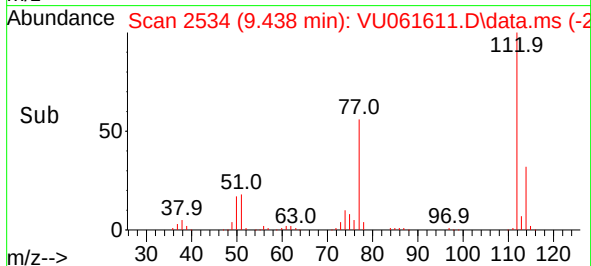
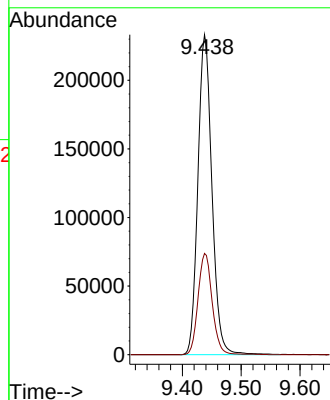
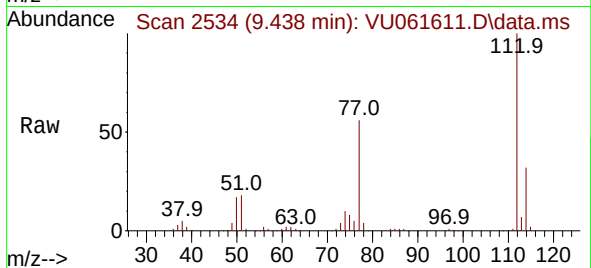
ClientSampleId :

Tgt Ion:112 Resp: 385858

Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 11.501 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

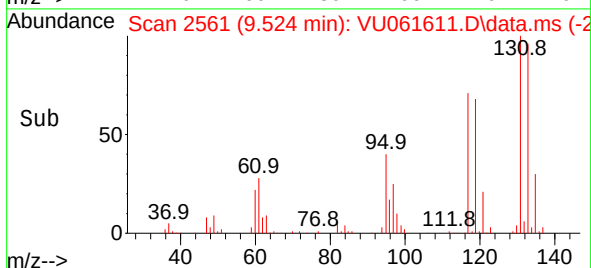
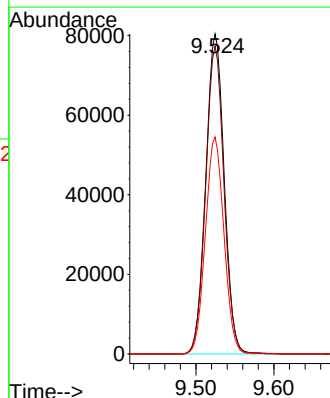
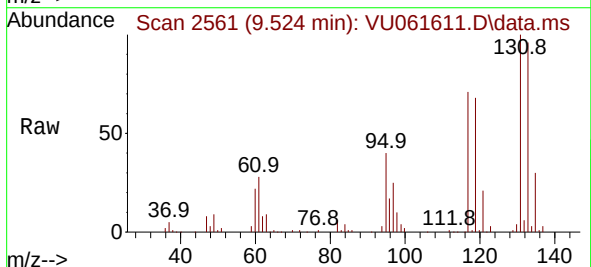
Tgt Ion:131 Resp: 132410

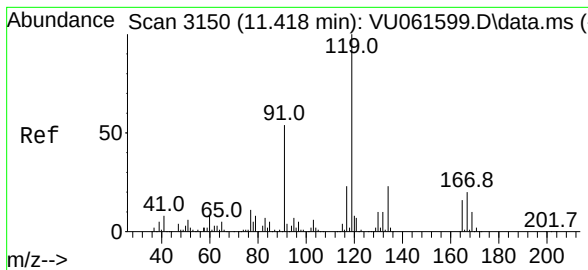
Ion Ratio Lower Upper

131 100

133 95.2 76.4 114.6

119 68.2 53.5 80.3

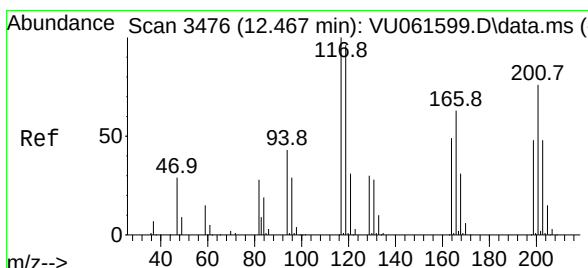
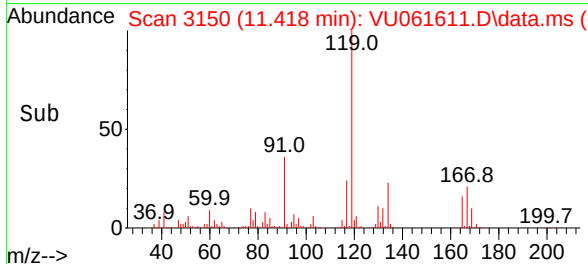
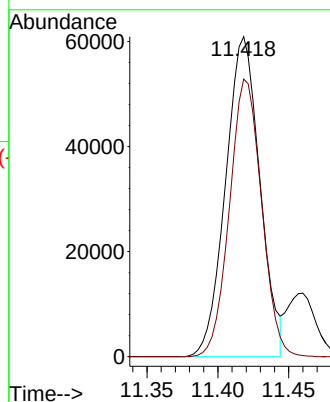
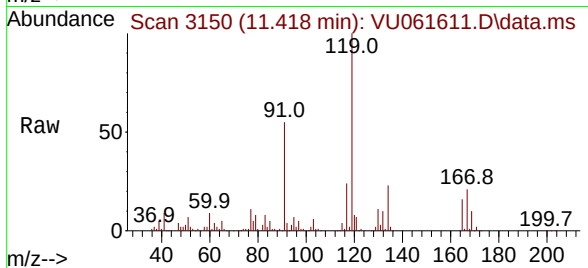




#61
 Pentachloroethane
 Concen: 11.838 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

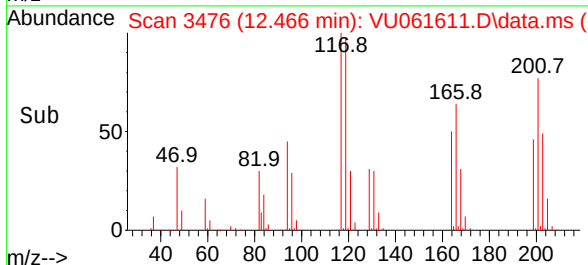
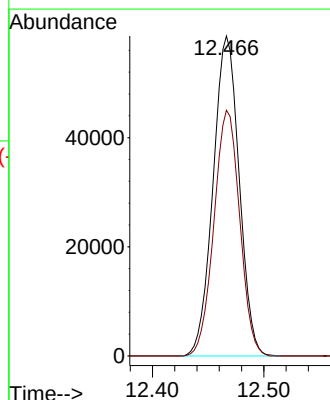
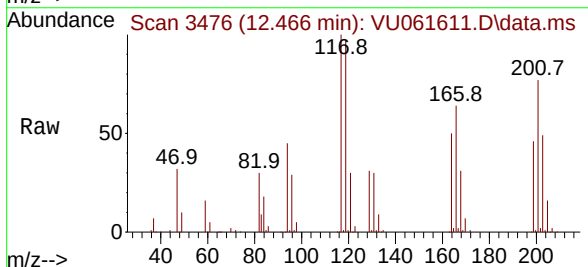
Instrument :
 MSVOA_U
 ClientSampleId :

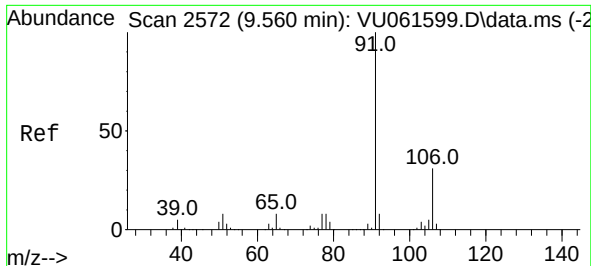
Tgt Ion:117 Resp: 102547
 Ion Ratio Lower Upper
 117 100
 167 81.1 65.4 98.0



#62
 Hexachloroethane
 Concen: 10.064 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

Tgt Ion:117 Resp: 95189
 Ion Ratio Lower Upper
 117 100
 201 76.0 61.0 91.6





#63

Ethyl Benzene

Concen: 11.236 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

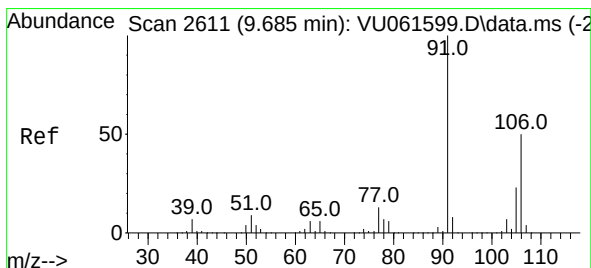
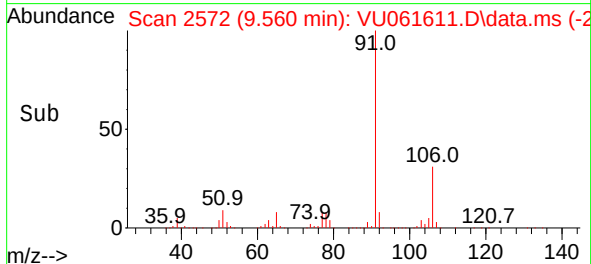
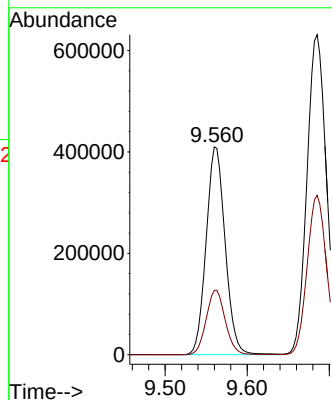
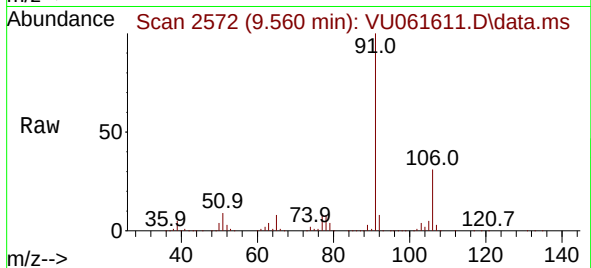
ClientSampleId :

Tgt Ion: 91 Resp: 659901

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#64

m/p-Xylenes

Concen: 23.128 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061611.D

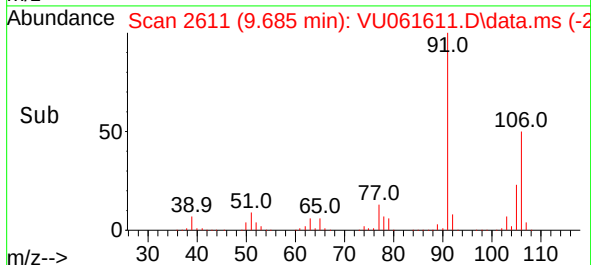
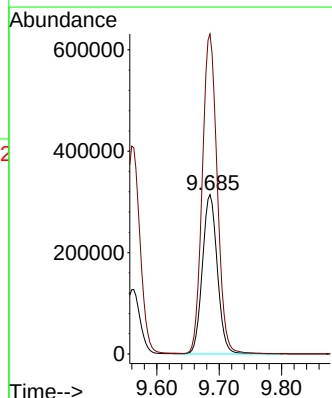
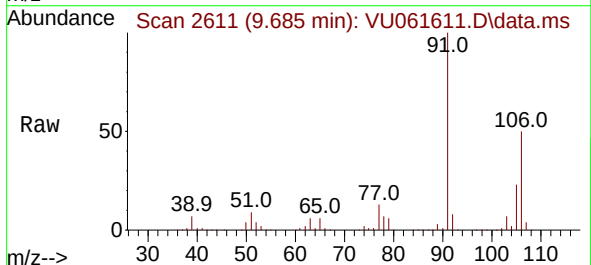
Acq: 12 Nov 2024 19:02

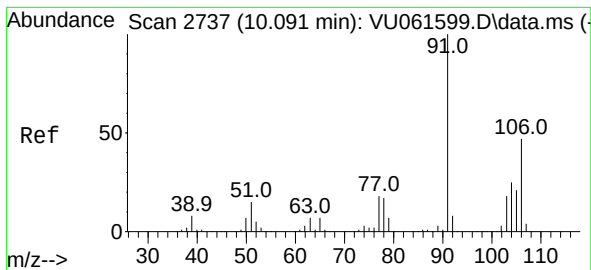
Tgt Ion:106 Resp: 523102

Ion Ratio Lower Upper

106 100

91 201.7 161.3 241.9

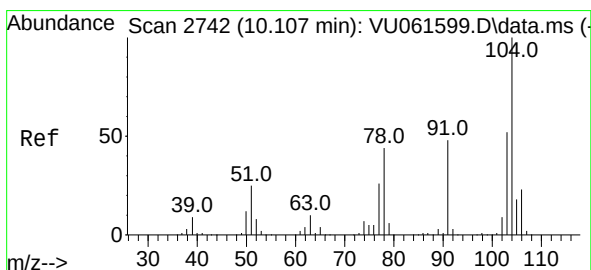
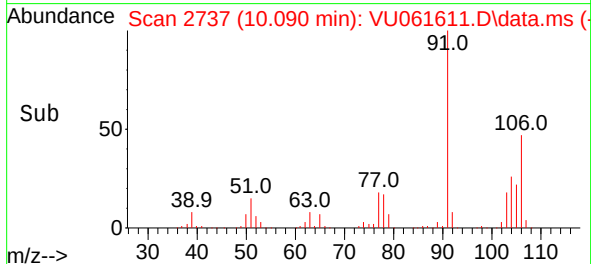
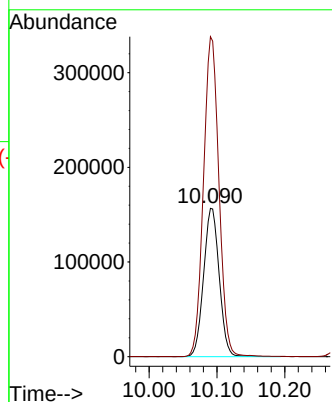
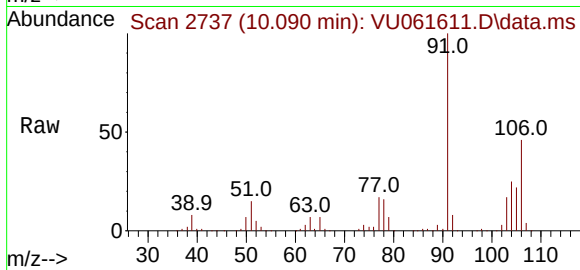




#65
o-Xylene
Concen: 11.344 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

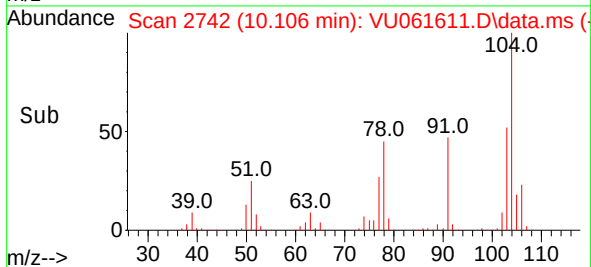
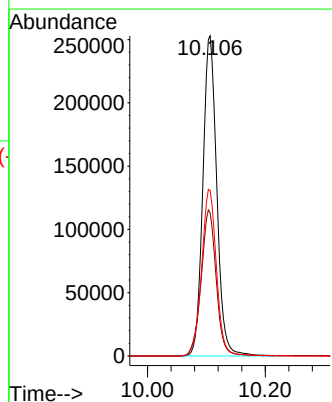
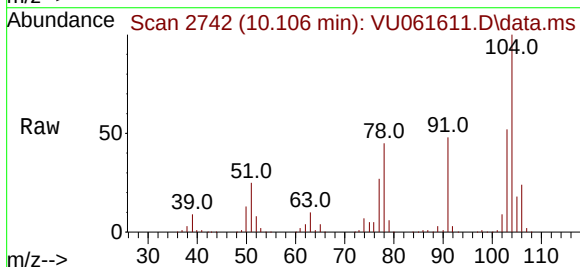
Instrument :
MSVOA_U
ClientSampleId :

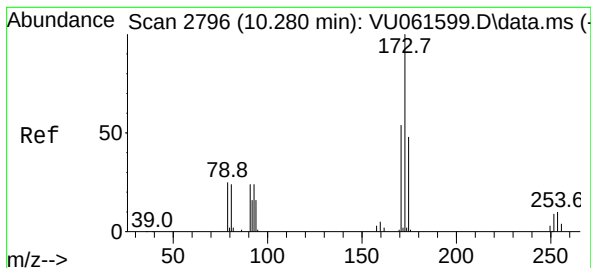
Tgt Ion:106 Resp: 250179
Ion Ratio Lower Upper
106 100
91 214.3 106.7 320.1



#66
Styrene
Concen: 10.345 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion:104 Resp: 416699
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.4 44.9 67.3





#67

Bromoform

Concen: 12.071 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

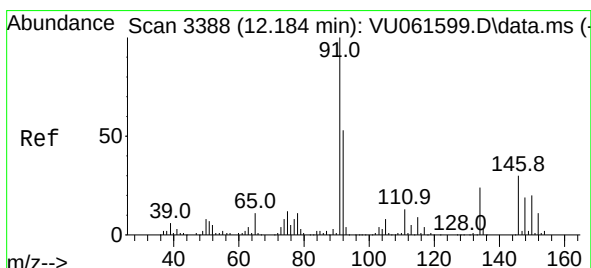
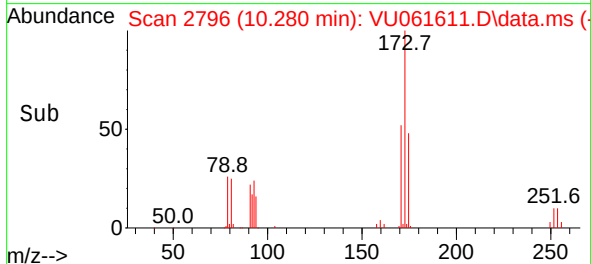
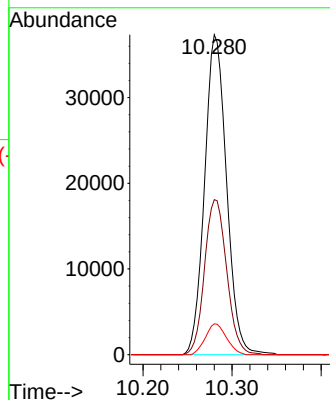
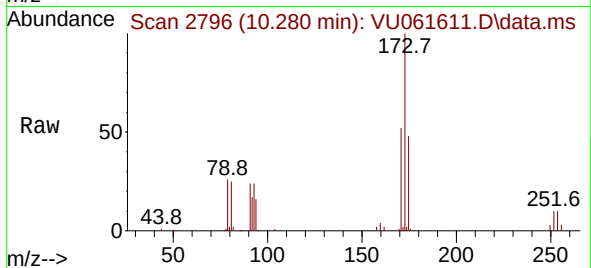
Tgt Ion:173 Resp: 63891

Ion Ratio Lower Upper

173 100

175 48.9 38.4 57.6

254 9.3 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.087 ug/l

RT: 12.183 min Scan# 3388

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

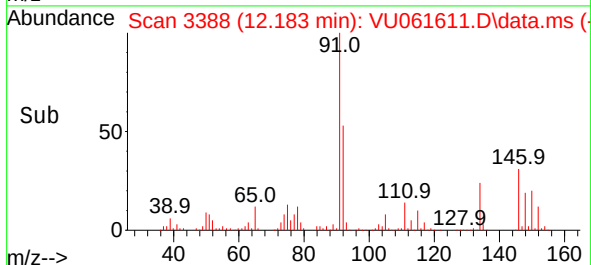
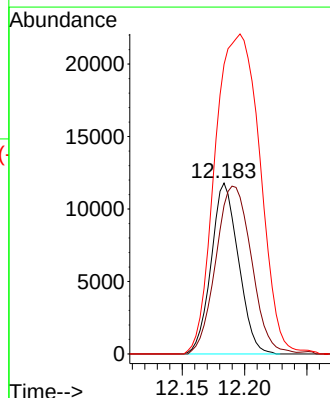
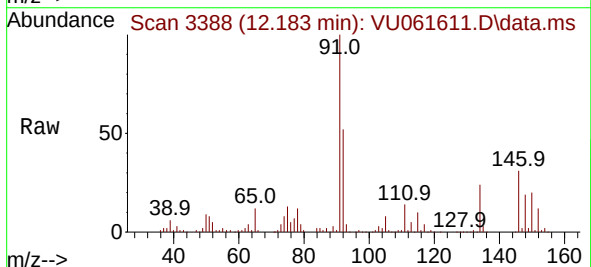
Tgt Ion:152 Resp: 17995

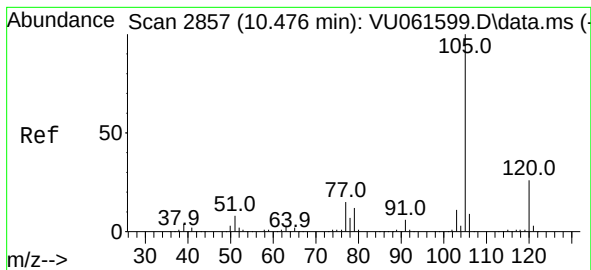
Ion Ratio Lower Upper

152 100

115 128.3 0.0 259.0

150 307.4 0.0 650.2





#69

Isopropylbenzene

Concen: 11.226 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

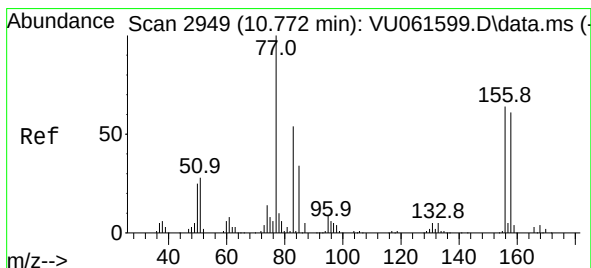
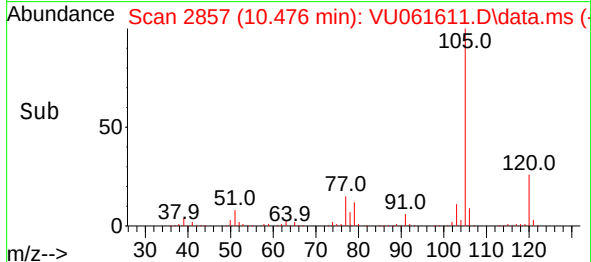
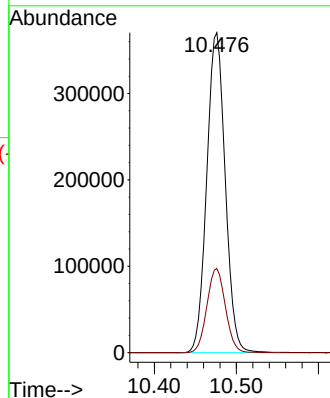
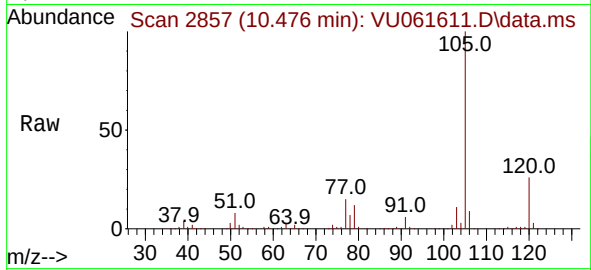
ClientSampleId :

Tgt Ion:105 Resp: 579067

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#70

1,1,2,2-Tetrachloroethane

Concen: 11.105 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

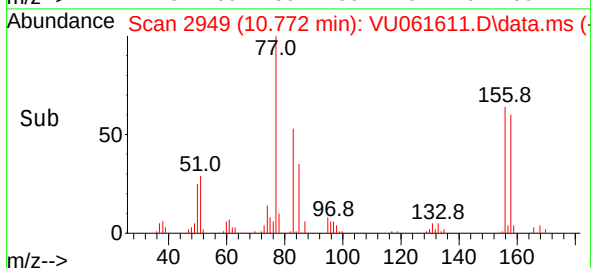
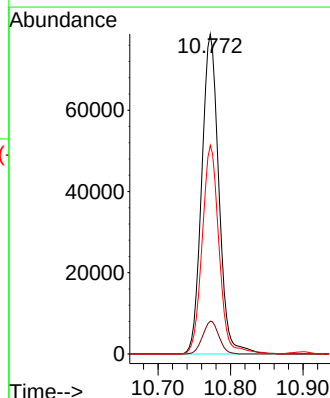
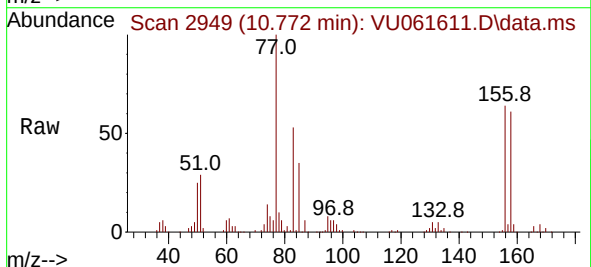
Tgt Ion: 83 Resp: 128886

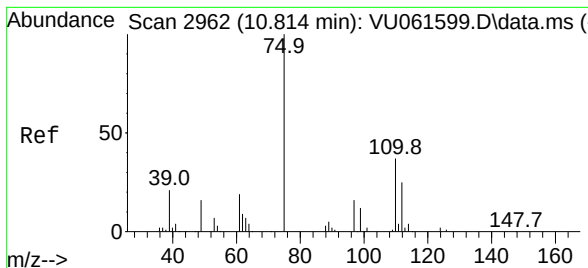
Ion Ratio Lower Upper

83 100

131 9.7 7.9 11.9

85 64.5 51.4 77.2



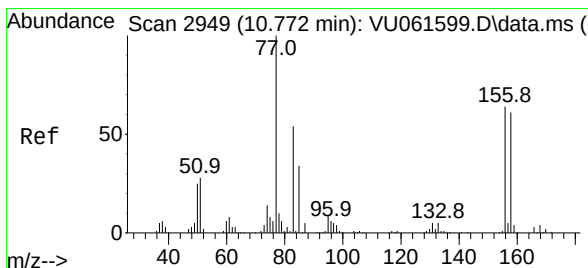
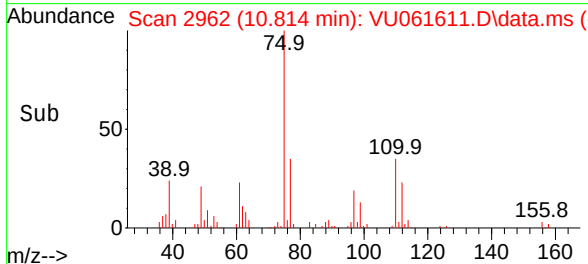
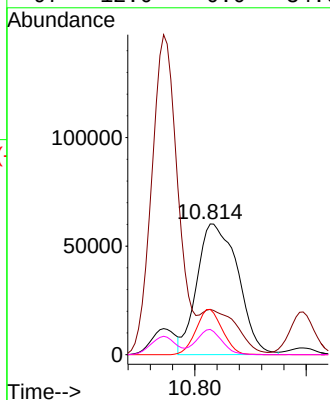
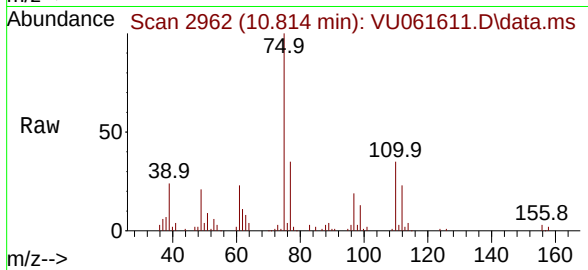


#71
1,2,3-Trichloropropane
Concen: 16.451 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 153648

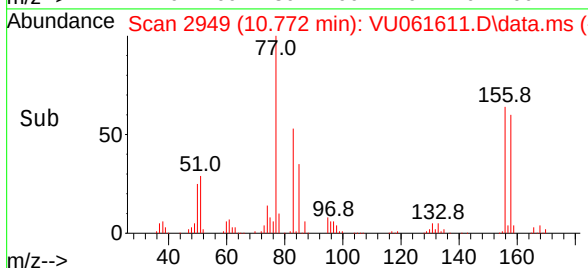
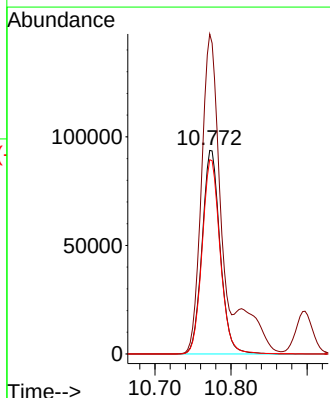
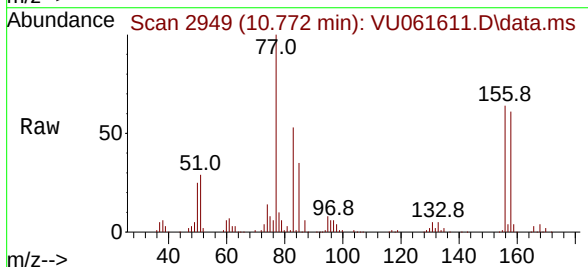
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	22.4	0.0	61.6
97	12.0	0.0	34.6

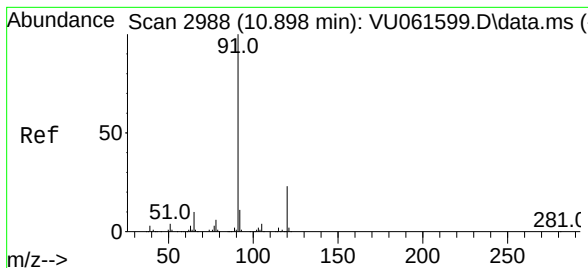


#72
Bromobenzene
Concen: 11.264 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061611.D
Acq: 12 Nov 2024 19:02

Tgt Ion: 156 Resp: 154049

Ion	Ratio	Lower	Upper
156	100		
77	156.2	0.0	313.0
158	95.8	0.0	193.2





#73

n-propylbenzene

Concen: 11.572 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

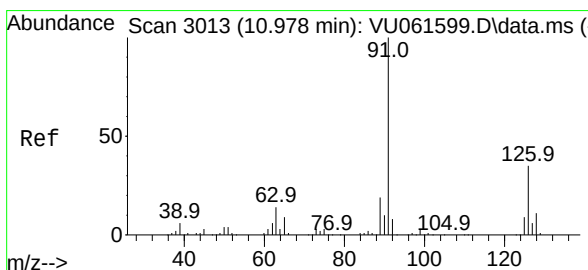
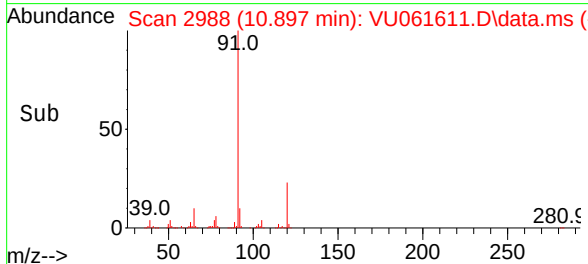
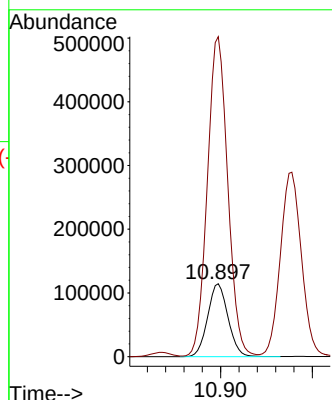
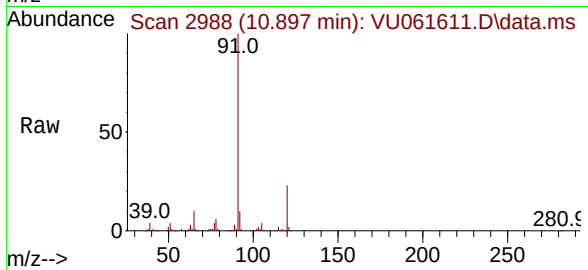
ClientSampleId :

Tgt Ion:120 Resp: 176477

Ion Ratio Lower Upper

120 100

91 438.7 350.2 525.2



#74

2-Chlorotoluene

Concen: 11.697 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU061611.D

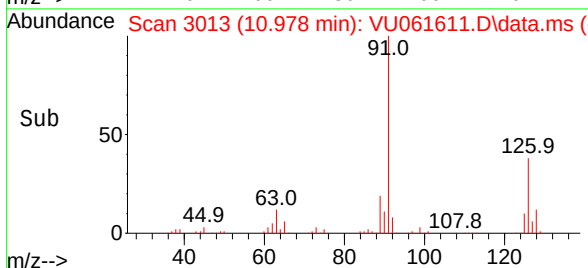
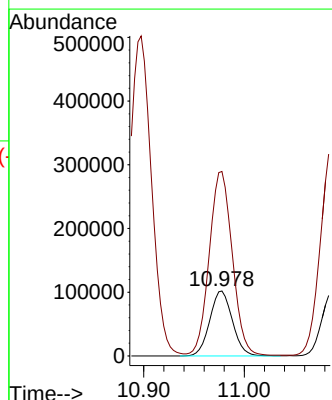
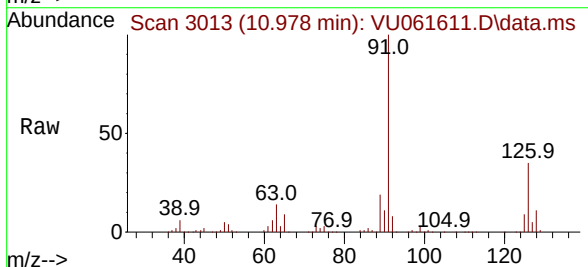
Acq: 12 Nov 2024 19:02

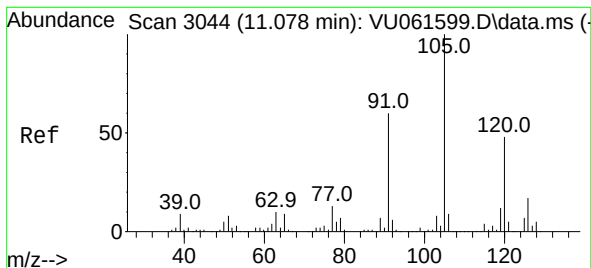
Tgt Ion:126 Resp: 159144

Ion Ratio Lower Upper

126 100

91 288.6 0.0 587.6





#75

1,3,5-Trimethylbenzene

Concen: 11.826 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

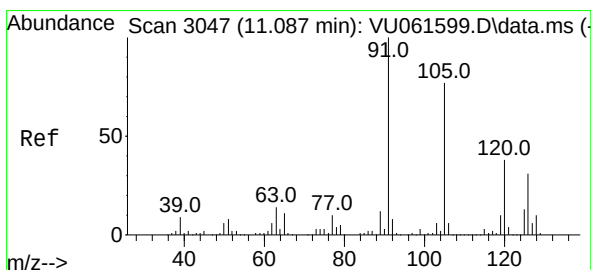
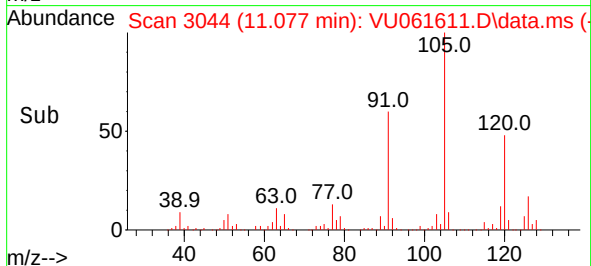
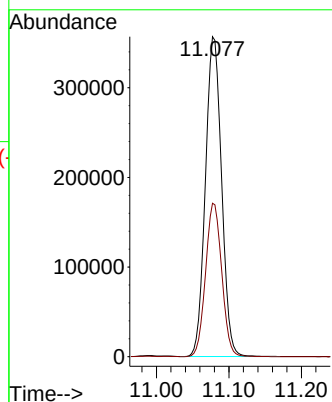
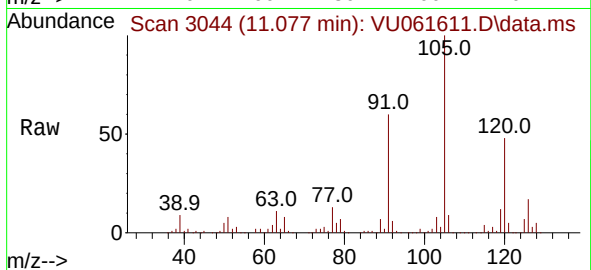
ClientSampleId :

Tgt Ion:105 Resp: 552246

Ion Ratio Lower Upper

105 100

120 48.0 38.8 58.2



#76

4-Chlorotoluene

Concen: 11.705 ug/l

RT: 11.087 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VU061611.D

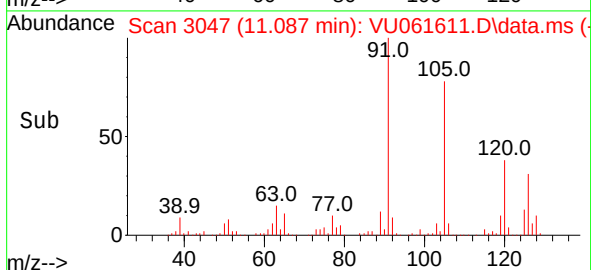
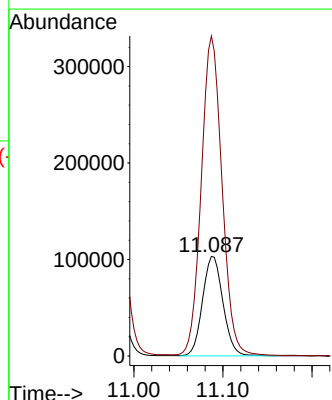
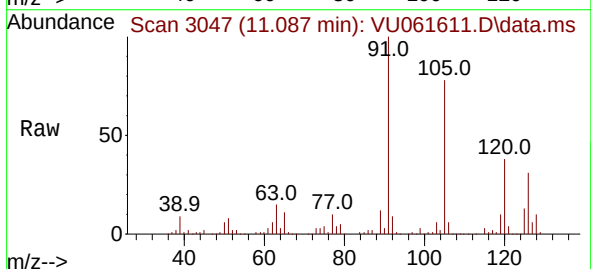
Acq: 12 Nov 2024 19:02

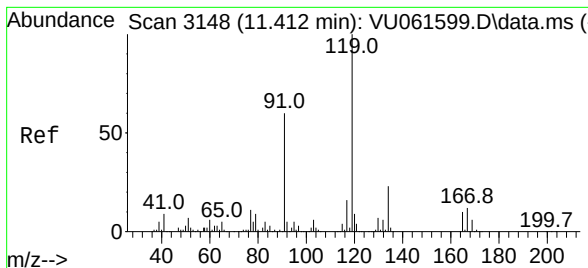
Tgt Ion:126 Resp: 163803

Ion Ratio Lower Upper

126 100

91 326.4 0.0 650.4





#77

tert-Butylbenzene

Concen: 11.564 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

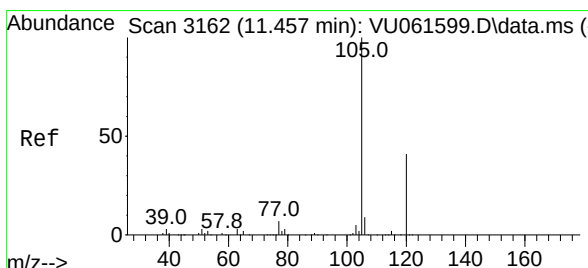
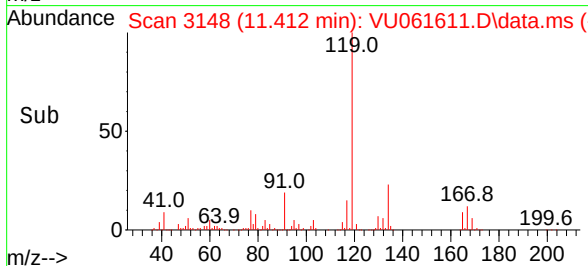
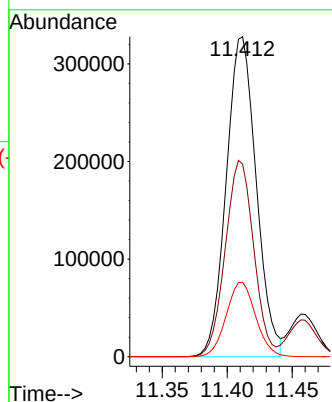
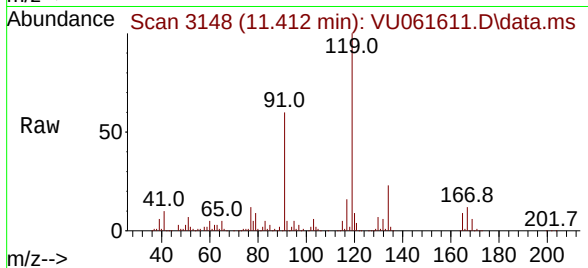
Tgt Ion:119 Resp: 527225

Ion Ratio Lower Upper

119 100

91 58.2 29.2 87.6

134 22.9 18.4 27.6



#78

1,2,4-Trimethylbenzene

Concen: 10.260 ug/l

RT: 11.457 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VU061611.D

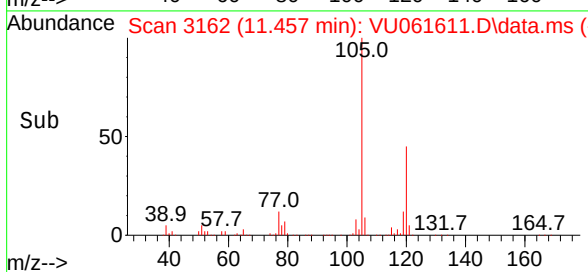
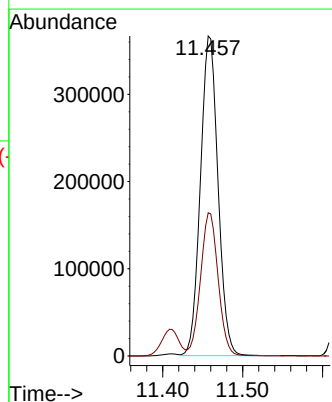
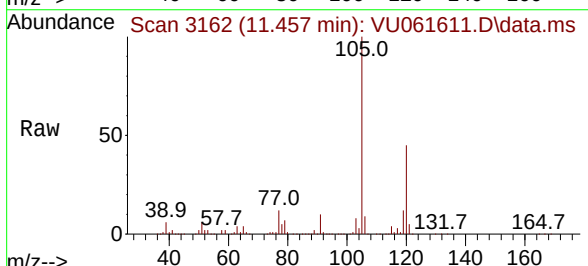
Acq: 12 Nov 2024 19:02

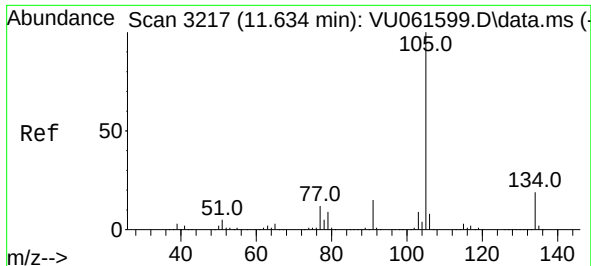
Tgt Ion:105 Resp: 561840

Ion Ratio Lower Upper

105 100

120 44.6 22.7 68.0

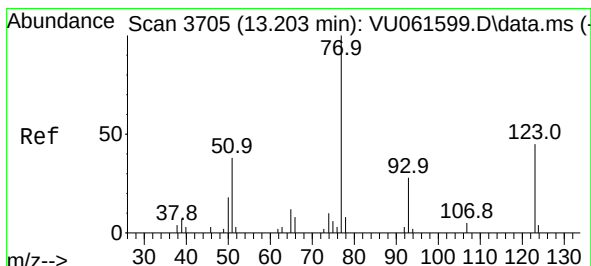
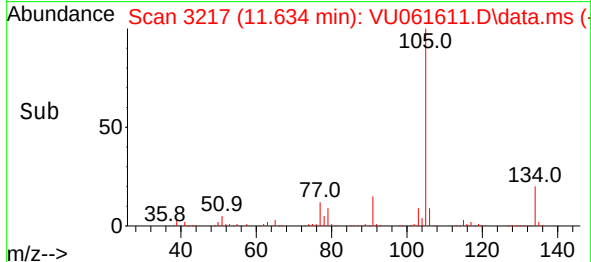
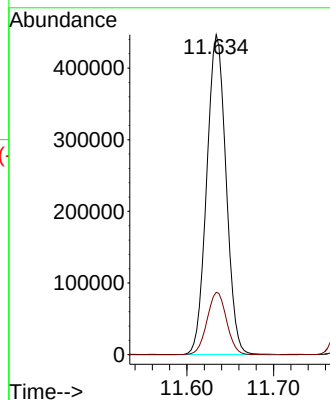
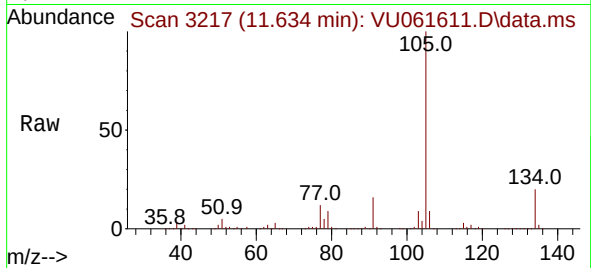




#79
 sec-Butylbenzene
 Concen: 11.435 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

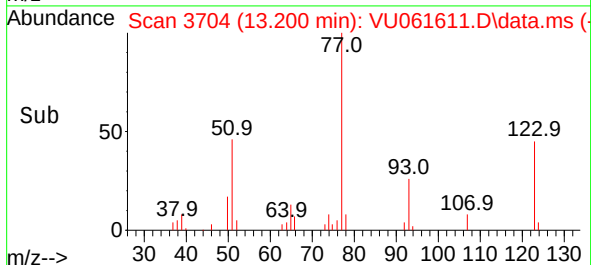
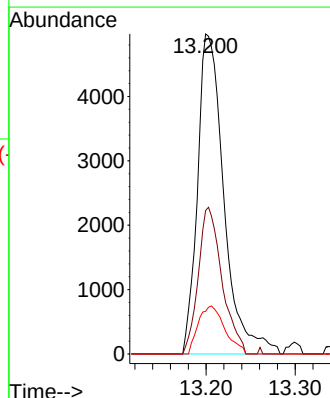
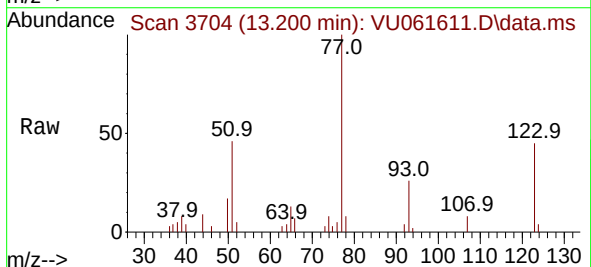
Instrument :
 MSVOA_U
 ClientSampleId :

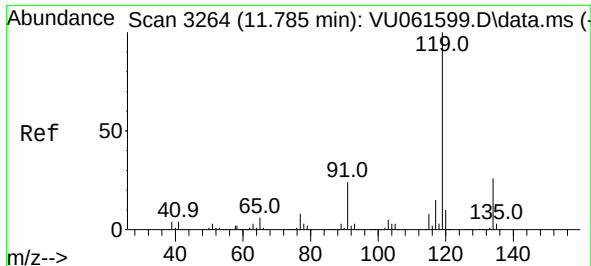
Tgt Ion:105 Resp: 691109
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.8 23.8



#80
 Nitrobenzene
 Concen: 47.567 ug/l
 RT: 13.200 min Scan# 3704
 Delta R.T. -0.003 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

Tgt Ion: 77 Resp: 10246
 Ion Ratio Lower Upper
 77 100
 123 41.1 16.9 60.1
 65 15.1 9.4 12.0#

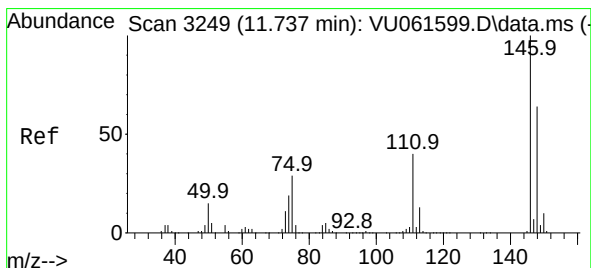
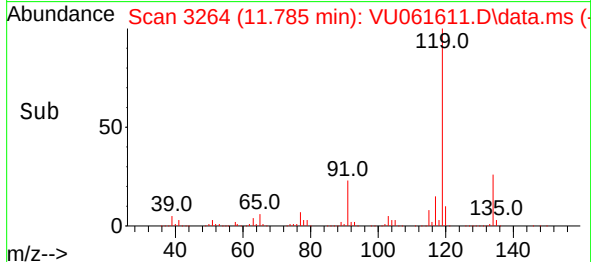
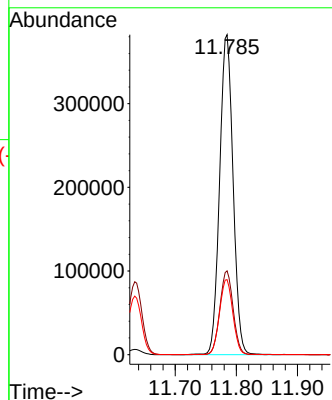
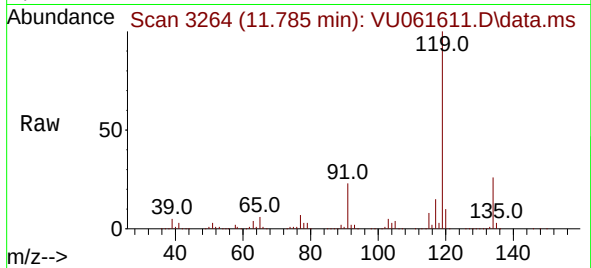




#81
 p-Isopropyltoluene
 Concen: 10.102 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

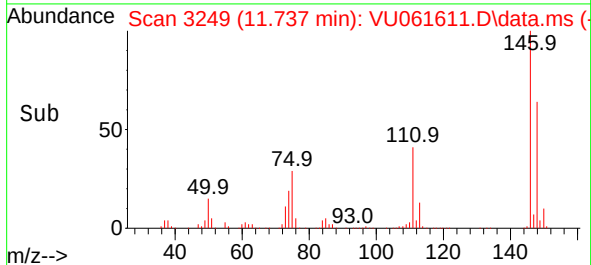
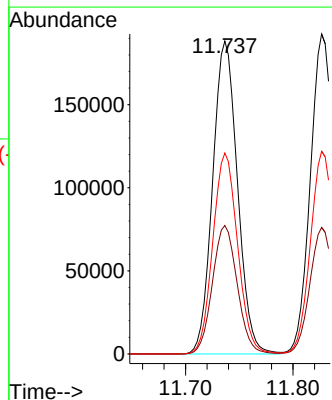
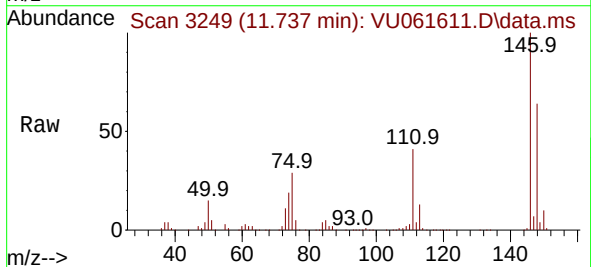
Instrument :
 MSVOA_U
 ClientSampleId :

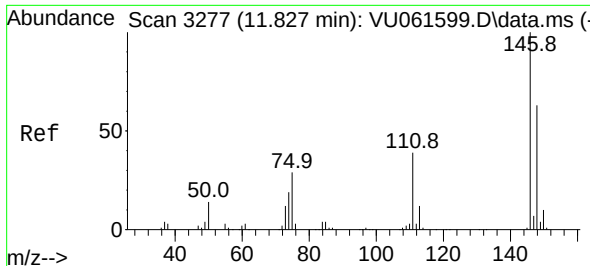
Tgt Ion:119 Resp: 583350
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.9 31.3
 91 23.2 18.8 28.2



#82
 1,3-Dichlorobenzene
 Concen: 11.421 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU061611.D
 Acq: 12 Nov 2024 19:02

Tgt Ion:146 Resp: 302107
 Ion Ratio Lower Upper
 146 100
 111 41.0 32.6 49.0
 148 64.2 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 11.398 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

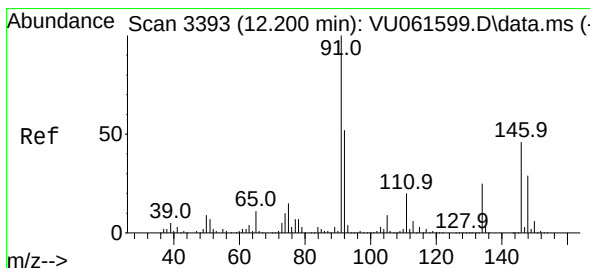
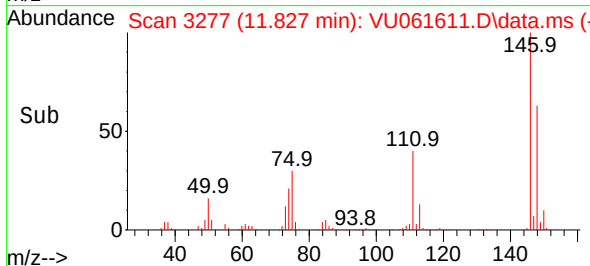
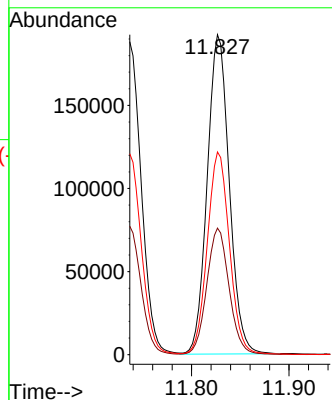
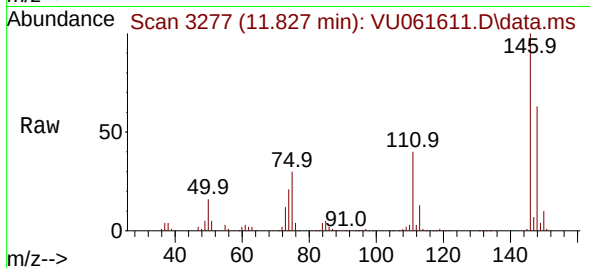
Tgt Ion:146 Resp: 301802

Ion Ratio Lower Upper

146 100

111 39.9 31.2 46.8

148 64.1 50.2 75.2



#84

n-Butylbenzene

Concen: 9.889 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

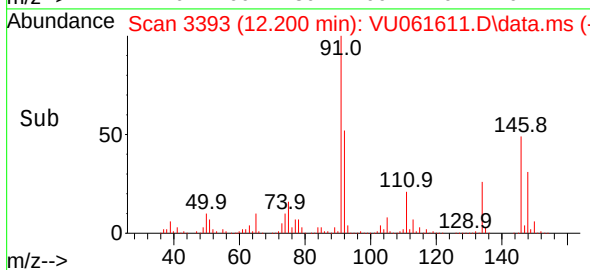
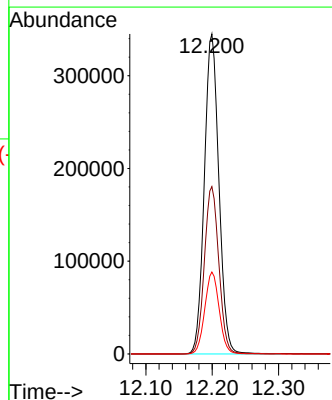
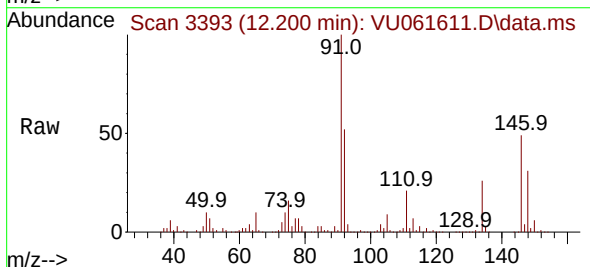
Tgt Ion: 91 Resp: 525485

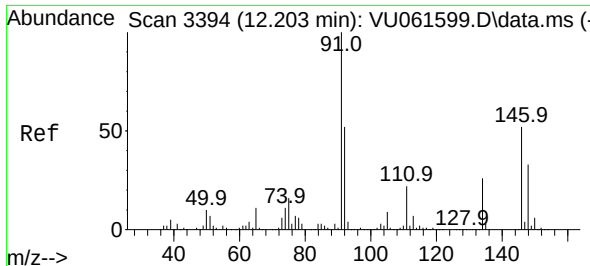
Ion Ratio Lower Upper

91 100

92 52.1 41.8 62.6

134 25.4 20.2 30.4





#85

1,2-Dichlorobenzene

Concen: 11.488 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

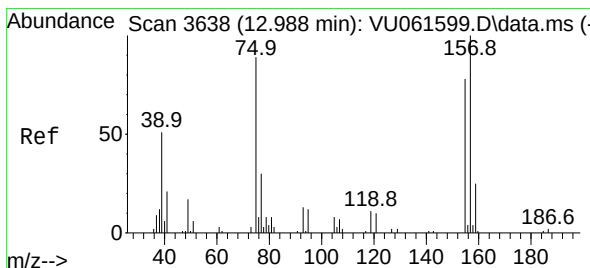
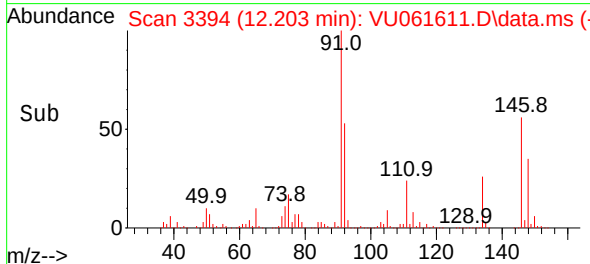
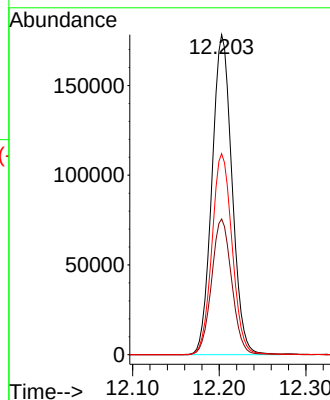
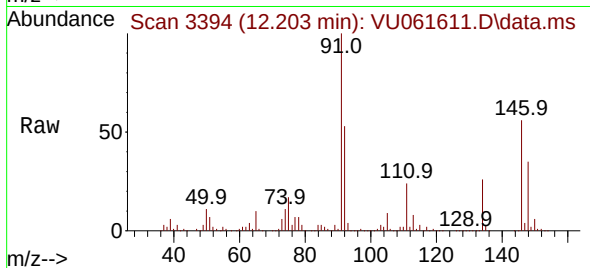
Tgt Ion:146 Resp: 286820

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

148 63.4 32.0 96.2



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.769 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

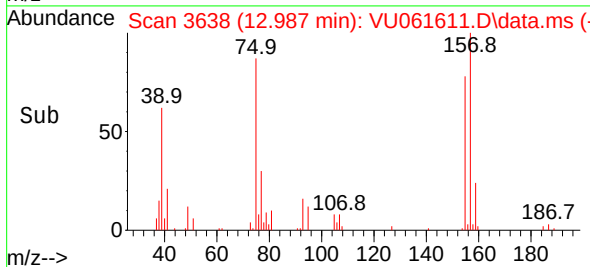
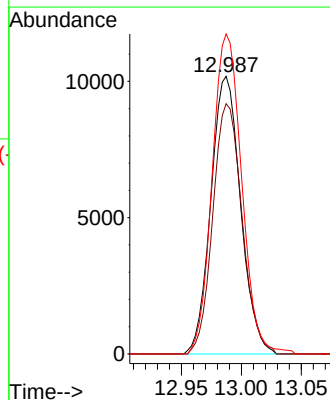
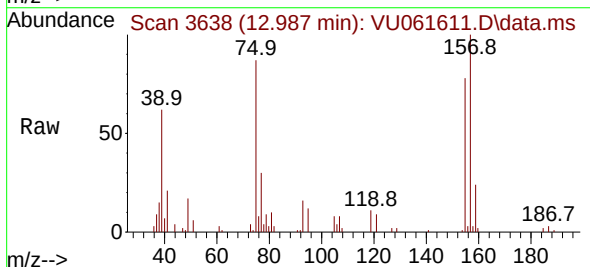
Tgt Ion: 75 Resp: 17540

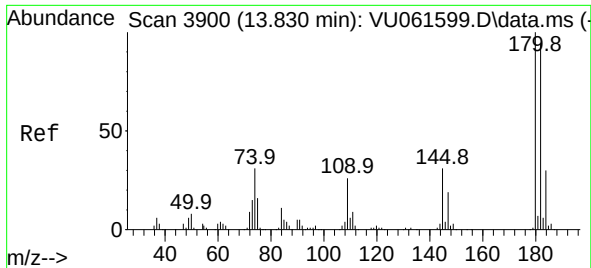
Ion Ratio Lower Upper

75 100

155 88.5 68.8 103.2

157 114.1 88.2 132.4





#87

1,2,4-Trichlorobenzene

Concen: 9.727 ug/l

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

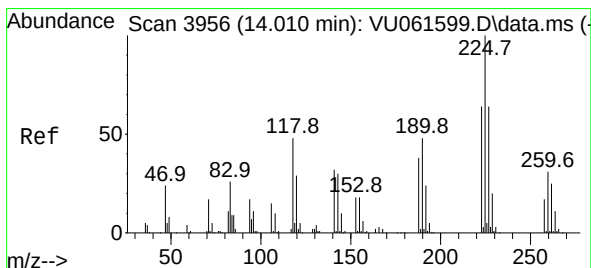
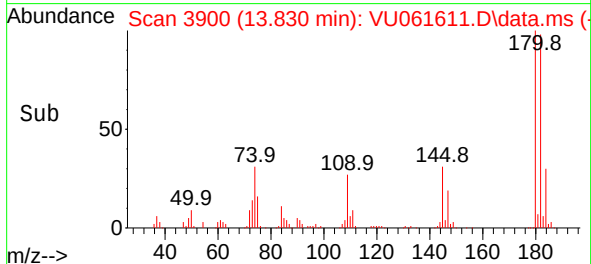
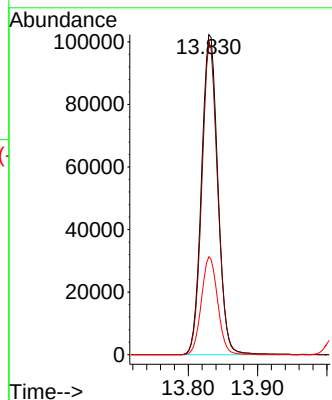
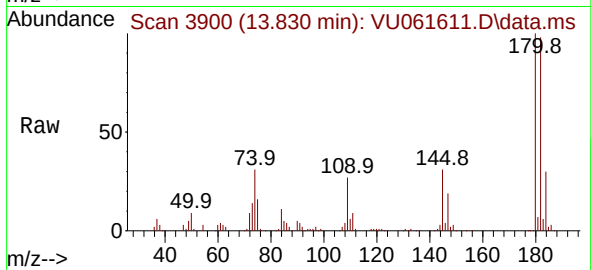
Tgt Ion:180 Resp: 167293

Ion Ratio Lower Upper

180 100

182 94.9 75.3 112.9

145 30.5 24.3 36.5



#88

Hexachlorobutadiene

Concen: 10.944 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

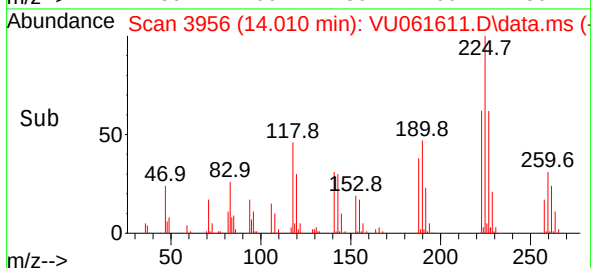
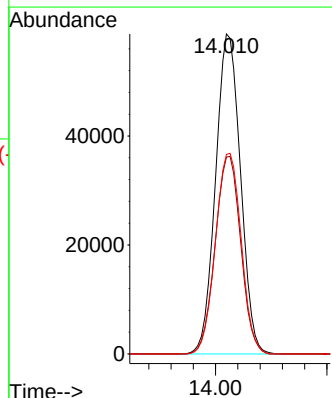
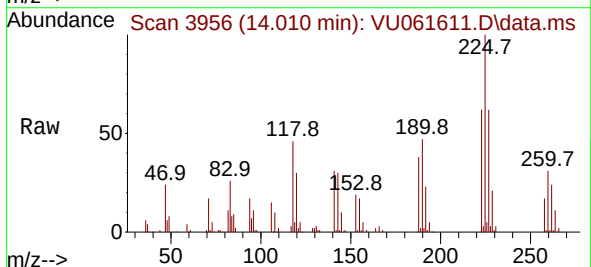
Tgt Ion:225 Resp: 91251

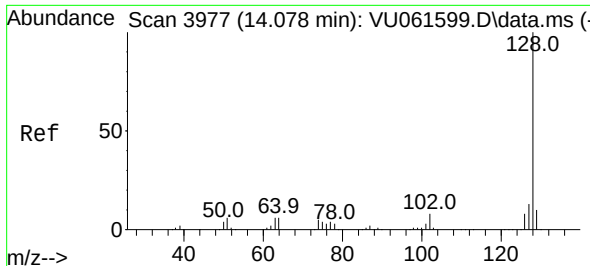
Ion Ratio Lower Upper

225 100

223 63.2 50.8 76.2

227 64.7 51.2 76.8





#89

Naphthalene

Concen: 9.415 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Instrument :

MSVOA_U

ClientSampleId :

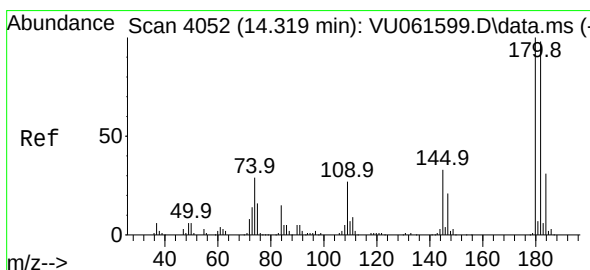
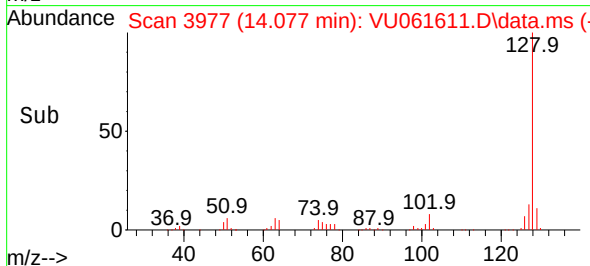
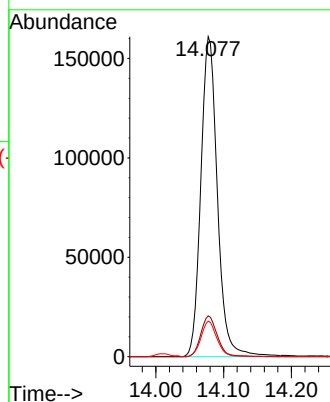
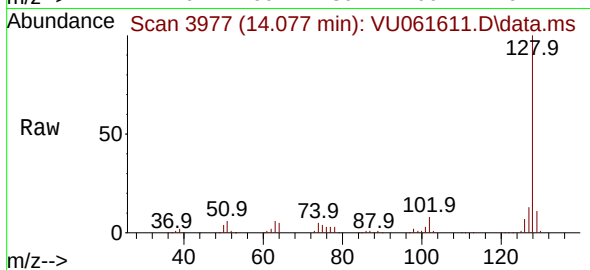
Tgt Ion:128 Resp: 273289

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 9.682 ug/l

RT: 14.318 min Scan# 4052

Delta R.T. -0.000 min

Lab File: VU061611.D

Acq: 12 Nov 2024 19:02

Tgt Ion:180 Resp: 152220

Ion Ratio Lower Upper

180 100

182 94.5 77.9 116.9

145 32.6 25.9 38.9

